

Regional Screening Level (RSL) Summary Table November 2010

| Toxicity and Chemical-specific Information |     |  |     |                              |     |                                      |     |     |     |     |     |     | Contaminant |      | Screening Levels         |                             |            |                       |     |                         |     |                                   |     |                                     | Protection of Ground Water SSLs |                 |     |            |                        |                       |         |  |  |
|--|-----|--|-----|------------------------------|-----|--------------------------------------|-----|-----|-----|-----|-----|-----|-------------|------|--------------------------|-----------------------------|------------|-----------------------|-----|-------------------------|-----|-----------------------------------|-----|-------------------------------------|---------------------------------|-----------------|-----|------------|------------------------|-----------------------|---------|--|--|
| SFO (mg/kg-day) <sup>-1</sup>              | key | IUR (ug/m <sup>3</sup> ) <sup>-1</sup> | key | RFD <sub>o</sub> (mg/kg-day) | key | RF <sub>C</sub> (mg/m <sup>3</sup> ) | key | key | key | key | key | key | GIABS       | ABS  | C <sub>sat</sub> (mg/kg) | Analyte                     | CAS No.    | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key | Resident Air (ug/m <sup>3</sup> ) | key | Industrial Air (ug/m <sup>3</sup> ) | key                             | Tapwater (ug/L) | key | MCL (ug/L) | Risk-based SSL (mg/kg) | MCL-based SSL (mg/kg) |         |  |  |
| 1.8E-02                                    | C   | 5.1E-06                                | C   | 1.5E-01                      | I   |                                      |     |     |     |     |     |     | 1           | 0.1  |                          | ALAR                        | 1596-84-5  | 2.7E+01               | c   | 9.6E+01                 | c   | 4.8E-01                           | c   | 2.4E+00                             | c                               | 3.7E+00         | c   |            | 8.2E-04                |                       |         |  |  |
| 8.7E-03                                    | I   |  |     | 4.0E-03                      | I   |                                      |     |     |     |     |     |     | 1           | 0.1  |                          | Acephate                    | 30560-19-1 | 5.6E+01               | c** | 2.0E+02                 | c*  | 1.0E+01                           | c** | 1.1E+00                             | c**                             | 5.6E+00         | c** | 7.7E+00    | c**                    | 1.7E-03               |         |  |  |
|  |     | 2.2E-06                                | I   |                              |     | 9.0E-03                              | I   | V   |     |     |     |     | 1           |      | 1.1E+05                  | Acetaldehyde                | 75-07-0    | 1.0E+01               | c** | 5.2E+01                 | c** |                                   |     | 2.2E+00                             | c**                             | 2.2E+00         | c** | 4.5E-04    |                        |                       |         |  |  |
|  |     |  |     | 2.0E-02                      | I   |                                      |     |     |     |     |     |     | 1           | 0.1  |                          | Acetochlor                  | 34256-82-1 | 1.2E+03               | n   | 1.2E+04                 | n   |                                   |     |                                     |                                 | 7.3E+02         | n   |            | 5.8E-01                |                       |         |  |  |
|  |     |  |     | 9.0E-01                      | I   | 3.1E+01                              | A   | V   |     |     |     |     | 1           |      | 1.1E+05                  | Acetone                     | 67-64-1    | 6.1E+04               | n   | 6.3E+05                 | nms | 3.2E+04                           | n   | 1.4E+05                             | n                               | 2.2E+04         | n   |            | 4.5E+00                |                       |         |  |  |
|  |     |  |     | 3.0E-03                      | P   | 6.0E-02                              | P   | V   |     |     |     |     | 1           |      | 1.1E+05                  | Acetone Cyanohydrin         | 75-86-5    | 2.0E+02               | n   | 2.1E+03                 | n   | 6.3E+01                           | n   | 2.6E+02                             | n                               | 5.8E+01         | n   |            | 1.2E-02                |                       |         |  |  |
|  |     |  |     |                              |     | 6.0E-02                              | I   | V   |     |     |     |     | 1           |      | 1.3E+05                  | Acetonitrile                | 75-05-8    | 8.7E+02               | n   | 3.7E+03                 | n   | 6.3E+01                           | n   | 2.6E+02                             | n                               | 1.3E+02         | n   |            | 2.6E-02                |                       |         |  |  |
| 3.8E+00                                    | C   | 1.3E-03                                | C   | 1.0E-01                      | I   |                                      |     |     |     |     |     |     | 1           | 0.1  | 2.5E+03                  | Acetophenone                | 98-86-2    | 7.8E+03               | ns  | 1.0E+05                 | nms |                                   |     |                                     |                                 | 3.7E+03         | n   |            | 1.1E+00                |                       |         |  |  |
|  |     |  |     |                              |     | 1.0E-01                              | I   | V   |     |     |     |     | 1           |      | 2.5E+03                  | Acetylaminoftuorene, 2-     | 53-96-3    | 1.3E-01               | c   | 4.5E-01                 | c   | 1.9E-03                           | c   | 9.4E-03                             | c                               | 1.8E-02         | c   |            | 8.2E-05                |                       |         |  |  |
|  |     |  |     | 5.0E-04                      | I   | 2.0E-05                              | I   | V   |     |     |     |     | 1           |      | 2.3E+04                  | Acrolein                    | 107-02-8   | 1.5E-01               | n   | 6.5E-01                 | n   | 2.1E-02                           | n   | 8.8E-02                             | n                               | 4.2E-02         | n   |            | 8.4E-06                |                       |         |  |  |
| 5.0E-01                                    | I   | 1.0E-04                                | I   | 2.0E-03                      | I   | 6.0E-03                              | I   | M   |     |     |     |     | 1           | 0.1  |                          | Acrylamide                  | 79-06-1    | 2.3E-01               | c   | 3.4E+00                 | c   | 9.6E-03                           | c   | 1.2E-01                             | c                               | 4.3E-02         | c   |            | 9.1E-06                |                       |         |  |  |
|  |     |  |     | 5.0E-01                      | I   | 1.0E-03                              | I   |     |     |     |     |     | 1           | 0.1  |                          | Acrylic Acid                | 79-10-7    | 3.0E+04               | n   | 2.9E+05                 | nm  | 1.0E+00                           | n   | 4.4E+00                             | n                               | 1.8E+04         | n   |            | 3.7E+00                |                       |         |  |  |
| 5.4E-01                                    | I   | 6.8E-05                                | I   | 4.0E-02                      | A   | 2.0E-03                              | I   | V   |     |     |     |     | 1           |      | 1.1E+04                  | Acrylonitrile               | 107-13-1   | 2.4E-01               | c*  | 1.2E+00                 | c*  | 3.6E-02                           | c*  | 1.8E-01                             | c*                              | 4.5E-02         | c*  |            | 9.9E-06                |                       |         |  |  |
|  |     |  |     |                              |     | 6.0E-03                              | P   |     |     |     |     |     | 1           | 0.1  |                          | Adiponitrile                | 111-69-3   | 8.5E+06               | nm  | 3.6E+07                 | nm  | 6.3E+00                           | n   | 2.6E+01                             | n                               |                 |     |            |                        |                       |         |  |  |
| 5.6E-02                                    | C   |  |     | 1.0E-02                      | I   |                                      |     |     |     |     |     |     | 1           | 0.1  |                          | Alachlor                    | 15972-60-8 | 8.7E+00               | c*  | 3.1E+01                 | c   |                                   |     |                                     |                                 | 1.2E+00         | c   | 2.0E+00    | 9.9E-04                | 1.6E-03               |         |  |  |
|  |     |  |     | 1.0E-03                      | I   |                                      |     |     |     |     |     |     | 1           | 0.1  |                          | Aldicarb                    | 116-06-3   | 6.1E+01               | n   | 6.2E+02                 | n   |                                   |     |                                     |                                 | 3.7E+01         | n   |            | 9.1E-03                |                       |         |  |  |
|  |     |  |     | 1.0E-03                      | I   |                                      |     |     |     |     |     |     | 1           | 0.1  |                          | Aldicarb Sulfone            | 1646-88-4  | 6.1E+01               | n   | 6.2E+02                 | n   |                                   |     |                                     |                                 | 3.7E+01         | n   |            | 8.0E-03                |                       |         |  |  |
| 1.7E+01                                    | I   | 4.9E-03                                | I   | 3.0E-05                      | I   |                                      |     |     |     |     |     |     | 1           | 0.1  |                          | Aldrin                      | 309-00-2   | 2.9E-02               | c*  | 1.0E-01                 | c   | 5.0E-04                           | c   | 2.5E-03                             | c                               | 4.0E-03         | c   |            | 6.5E-04                |                       |         |  |  |
|  |     |  |     | 2.5E-01                      | I   |                                      |     |     |     |     |     |     | 1           | 0.1  |                          | Allyl                       | 74223-64-6 | 1.5E+04               | n   | 1.5E+05                 | nm  |                                   |     |                                     |                                 | 9.1E+03         | n   |            | 3.5E+00                |                       |         |  |  |
|  |     |  |     | 5.0E-03                      | I   | 1.0E-04                              | X   |     |     |     |     |     | 1           | 0.1  |                          | Allyl Alcohol               | 107-18-6   | 3.0E+02               | n   | 3.1E+03                 | n   | 1.0E-01                           | n   | 4.4E-01                             | n                               | 1.8E+02         | n   |            | 3.7E-02                |                       |         |  |  |
| 2.1E-02                                    | C   | 6.0E-06                                | C   | 1.0E-03                      | I   | V                                    |     |     |     |     |     |     | 1           |      | 1.4E+03                  | Allyl Chloride              | 107-05-1   | 6.8E-01               | c** | 3.4E+00                 | c** | 4.1E-01                           | c** | 2.0E+00                             | c**                             | 6.5E-01         | c** |            | 2.1E-04                |                       |         |  |  |
|  |     |  |     | 1.0E+00                      | P   | 5.0E-03                              | P   |     |     |     |     |     | 1           |      |                          | Aluminum                    | 7429-90-5  | 7.7E+04               | n   | 9.9E+05                 | nm  | 5.2E+00                           | n   | 2.2E+01                             | n                               | 3.7E+04         | n   |            | 5.5E+04                |                       |         |  |  |
|  |     |  |     | 4.0E-04                      | I   |                                      |     |     |     |     |     |     | 1           |      |                          | Aluminum Phosphide          | 20859-73-8 | 3.1E+01               | n   | 4.1E+02                 | n   |                                   |     |                                     |                                 | 1.5E+01         | n   |            |                        |                       |         |  |  |
|  |     |  |     | 3.0E-04                      | I   |                                      |     |     |     |     |     |     | 1           | 0.1  |                          | Amdro                       | 67485-29-4 | 1.8E+01               | n   | 1.8E+02                 | n   |                                   |     |                                     |                                 | 1.1E+01         | n   |            | 3.9E+03                |                       |         |  |  |
|  |     |  |     | 9.0E-03                      | I   |                                      |     |     |     |     |     |     | 1           | 0.1  |                          | Ametryn                     | 834-12-8   | 5.5E+02               | n   | 5.5E+03                 | n   |                                   |     |                                     |                                 | 3.3E+02         | n   |            | 3.5E-01                |                       |         |  |  |
|  |     |  |     | 8.0E-02                      | P   |                                      |     |     |     |     |     |     | 1           | 0.1  |                          | Aminobiphenyl, 4-           | 92-67-1    | 2.3E-02               | c   | 8.2E-02                 | c   | 4.1E-04                           | c   | 2.0E-03                             | c                               | 3.2E-03         | c   |            | 1.6E-05                |                       |         |  |  |
|  |     |  |     |                              |     |                                      |     |     |     |     |     |     | 1           | 0.1  |                          | Aminophenol, m-             | 591-27-5   | 4.9E-03               | n   | 4.9E-04                 | n   |                                   |     |                                     |                                 | 2.9E+03         | n   |            | 1.1E+00                |                       |         |  |  |
|  |     |  |     | 2.0E-02                      | P   |                                      |     |     |     |     |     |     | 1           | 0.1  |                          | Aminophenol, p-             | 123-30-8   | 1.2E+03               | n   | 1.2E+04                 | n   |                                   |     |                                     |                                 | 7.3E+02         | n   |            | 2.8E-01                |                       |         |  |  |
|  |     |  |     | 2.5E-03                      | I   |                                      |     |     |     |     |     |     | 1           | 0.1  |                          | Amitraz                     | 33089-61-1 | 1.5E+02               | n   | 1.5E+03                 | n   |                                   |     |                                     |                                 | 9.1E+01         | n   |            | 4.7E-01                |                       |         |  |  |
|  |     |  |     |                              |     | 1.0E-01                              | I   |     |     |     |     |     | 1           |      |                          | Ammonia                     | 7664-41-7  |                       |     |                         |     | 1.0E+02                           | n   | 4.4E+02                             | n                               |                 |     |            |                        |                       |         |  |  |
|  |     |  |     | 7.0E-04                      | I   |                                      |     |     |     |     |     |     | 1           |      |                          | Ammonium Perchlorate        | 7790-98-9  | 5.5E+01               | n   | 7.2E+02                 | n   |                                   |     |                                     |                                 | 2.6E+01         | n   |            |                        |                       |         |  |  |
|  |     |  |     | 2.0E-01                      | I   |                                      |     |     |     |     |     |     | 1           |      |                          | Ammonium Sulfamate          | 7773-06-0  | 1.6E+04               | n   | 2.0E+05                 | nm  |                                   |     |                                     |                                 | 7.3E+03         | n   |            |                        |                       |         |  |  |
| 5.7E-03                                    | I   | 1.6E-06                                | C   | 7.0E-03                      | P   | 1.0E-03                              | I   |     |     |     |     |     | 1           | 0.1  |                          | Aniline                     | 62-53-3    | 8.5E+01               | c** | 3.0E+02                 | c*  | 1.0E+00                           | n   | 4.4E+00                             | n                               | 1.2E+01         | c*  |            | 4.0E-03                |                       |         |  |  |
|  |     |  |     | 4.0E-04                      | I   |                                      |     |     |     |     |     |     | 0.15        |      |                          | Antimony (metallic)         | 7440-36-0  | 3.1E+01               | n   | 4.1E+02                 | n   |                                   |     |                                     |                                 | 1.5E+01         | n   | 6.0E+00    | 6.6E-01                | 2.7E-01               |         |  |  |
|  |     |  |     | 5.0E-04                      | H   |                                      |     |     |     |     |     |     | 0.15        |      |                          | Antimony Pentoxide          | 1314-60-9  | 3.9E+01               | n   | 5.1E+02                 | n   |                                   |     |                                     |                                 | 1.8E+01         | n   |            |                        |                       |         |  |  |
|  |     |  |     | 9.0E-04                      | H   |                                      |     |     |     |     |     |     | 0.15        |      |                          | Antimony Potassium Tartrate | 11071-15-1 | 7.0E+01               | n   | 9.2E+02                 | n   |                                   |     |                                     |                                 | 3.3E+01         | n   |            |                        |                       |         |  |  |
|  |     |  |     | 4.0E-04                      | H   |                                      |     |     |     |     |     |     | 0.15        |      |                          | Antimony Tetroxide          | 1332-81-6  | 3.1E+01               | n   | 4.1E+02                 | n   |                                   |     |                                     |                                 | 1.5E+01         | n   |            |                        |                       |         |  |  |
|  |     |  |     | 1.3E-02                      | I   | 2.0E-04                              | I   |     |     |     |     |     | 1           | 0.1  |                          | Antimony Trioxide           | 1309-64-4  | 2.8E+05               | nm  | 1.2E+06                 | nm  | 2.1E-01                           | n   | 8.8E-01                             | n                               |                 |     | 4.7E+02    | n                      |                       | 2.9E+01 |  |  |
|  |     |  |     |                              |     |                                      |     |     |     |     |     |     | 1           | 0.1  |                          | Apollo                      | 74115-24-5 | 7.9E+02               | n   | 8.0E+03                 | n   |                                   |     |                                     |                                 |                 |     |            |                        |                       |         |  |  |
| 2.5E-02                                    | I   | 7.1E-06                                | I   | 5.0E-02                      | H   |                                      |     |     |     |     |     |     | 1           | 0.1  |                          | Aramite                     | 140-57-8   | 1.9E+01               | c   | 6.9E+01                 | c   | 3.4E-01                           | c   | 1.7E+00                             | c                               | 2.7E+00         | c   |            | 3.0E-02                |                       |         |  |  |
| 1.5E+00                                    | I   | 4.3E-03                                | I   | 3.0E-04                      | I   | 1.5E-05                              | C   |     |     |     |     |     | 1           | 0.03 |                          | Arsenic, Inorganic          | 7440-38-2  | 3.9E-01               | c*  | 1.6E+00                 | c   | 5.7E-04                           | c*  | 2.9E-03                             | c*                              | 4.5E-02         | c   | 1.0E+01    | 1.3E-03                | 2.9E-01               |         |  |  |
|  |     |  |     | 3.5E-06                      | C   | 5.0E-05                              | I   |     |     |     |     |     | 1           |      |                          | Arsine                      | 7784-42-1  | 2.7E-01               | n   | 3.6E+00                 | n   | 5.2E-02                           | n   | 2.2E-01                             | n                               | 1.3E-01         | n   |            |                        |                       |         |  |  |
|  |     |  |     | 9.0E-03                      | I   |                                      |     |     |     |     |     |     | 1           | 0.1  |                          | Assure                      | 76578-14-8 | 5.5E+02               | n   | 5.5E+03                 | n   |                                   |     |                                     |                                 | 3.3E+02         | n   |            | 5.1E+00                |                       |         |  |  |
|  |     |  |     | 5.0E-02                      | I   |                                      |     |     |     |     |     |     | 1           | 0.1  |                          | Asulam                      | 3337-71-1  | 3.1E+03               | n   | 3.1E+04                 | n   |                                   |     |                                     |                                 | 1.8E+03         | n   |            | 4.7E-01                |                       |         |  |  |
| 2.3E-01                                    | C   |  |     | 3.5E-02                      | I   |                                      |     |     |     |     |     |     | 1           | 0.1  |                          | Atrazine                    | 1912-24-9  | 2.1E+00               | c   | 7.5E+00                 | c   |                                   |     |                                     |                                 | 2.9E-01         | c   | 3.0E+00    | 1.9E-04                | 1.9E-03               |         |  |  |
| 8.8E-01                                    | C   | 2.5E-04                                | C   |                              |     |                                      |     |     |     |     |     |     | 1           | 0.1  |                          | Auramine                    | 492-80-8   | 5.5E-01               | c   | 2.0E+00                 | c   | 9.7E-03                           | c   | 4.9E-02                             | c                               | 7.6E-02         | c   |            | 7.0E-04                |                       |         |  |  |
|  |     |  |     | 4.0E-04                      | I   |                                      |     |     |     |     |     |     | 1           | 0.1  |                          | Avermectin B1               | 65195-55-3 | 2.4E+01               | n   | 2.5E+02                 | n   |                                   |     |                                     |                                 | 1.5E+01         | n   |            | 2.6E+01                |                       |         |  |  |
| 1.1E-01                                    | I   | 3.1E-05                                | I   |                              |     |                                      |     |     |     |     |     |     | 1           |      |                          | Azobenzene                  | 103-33-3   | 5.1E+00               | c   | 2.3E+01                 | c   | 7.8E-02                           | c   | 4.0E-01                             | c                               | 1.2E-01         | c   |            | 9.6E-04                |                       |         |  |  |
|  |     |  |     |                              |     |                                      |     |     |     |     |     |     |             |      |                          |                             |            |                       |     |                         |     |                                   |     |                                     |                                 |                 |     |            |                        |                       |         |  |  |

Regional Screening Level (RSL) Summary Table November 2010

| Toxicity and Chemical-specific Information |     |   |     |                                 |     |  |     |              |       |       |                             |                                   | Contaminant |                          | Screening Levels |                            |     |                                      |     |  |     |                    | Protection of Ground Water SSLs |               |                              |                             |  |
|--|-----|---|-----|---------------------------------|-----|--|-----|--------------|-------|-------|-----------------------------|-----------------------------------|-------------|--------------------------|------------------|----------------------------|-----|--------------------------------------|-----|--|-----|--------------------|---------------------------------|---------------|------------------------------|-----------------------------|--|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | key | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | key | RFD <sub>o</sub><br>(mg/kg-day) | key | RF <sub>C1</sub><br>(mg/m <sup>3</sup> ) | key | muta-<br>gen | GIABS | ABS   | C <sub>sat</sub><br>(mg/kg) | Analyte                           | CAS No.     | Resident Soil<br>(mg/kg) | key              | Industrial Soil<br>(mg/kg) | key | Resident Air<br>(ug/m <sup>3</sup> ) | key | Industrial Air<br>(ug/m <sup>3</sup> ) | key | Tapwater<br>(ug/L) | key                             | MCL<br>(ug/L) | Risk-based<br>SSL<br>(mg/kg) | MCL-based<br>SSL<br>(mg/kg) |  |
|  |     |   |     | 9.0E-03                         | P   |  |     |              |       | 1     | 0.1                         | Bifenox                           | 42576-02-3  | 5.5E+02                  | n                | 5.5E+03                    | n   |                                      |     |  |     | 3.3E+02            | n                               |               | 2.5E+00                      |                             |  |
|  |     |   |     | 1.5E-02                         | I   |  |     |              |       | 1     | 0.1                         | Biphenhrin                        | 82657-04-3  | 9.2E+02                  | n                | 9.2E+03                    | n   |                                      |     |  |     | 5.5E+02            | n                               |               | 2.5E+03                      |                             |  |
| 7.0E-02                                    | H   | 1.0E-05                                   | H   | 5.0E-02                         | I   |  |     | V            |       | 1     |                             | Biphenyl, 1,1'-                   | 92-52-4     | 3.9E+03                  | ns               | 5.1E+04                    | ns  |                                      |     |  |     |                    |                                 |               | 1.9E+01                      |                             |  |
|  |     |   |     | 4.0E-02                         | I   |  |     | V            |       | 1     |                             | Bis(2-chloro-1-methylethyl) ether | 108-60-1    | 4.6E+00                  | c                | 2.2E+01                    | c   | 2.4E-01                              | c   | 1.2E+00                                | c   | 3.2E-01            | c                               |               | 1.2E-04                      |                             |  |
|  |     |   |     | 3.0E-03                         | P   |  |     |              |       | 1     | 0.1                         | Bis(2-chloroethoxy)methane        | 111-91-1    | 1.8E+02                  | n                | 1.8E+03                    | n   |                                      |     |  |     |                    |                                 |               |                              | 2.5E-02                     |  |
| 1.1E+00                                    | I   | 3.3E-04                                   | I   |                                 |     |  |     | V            |       | 1     |                             | Bis(2-chloroethyl)ether           | 111-44-4    | 2.1E-01                  | c                | 1.0E+00                    | c   | 7.4E-03                              | c   | 3.7E-02                                | c   | 1.2E-02            | c                               |               | 3.1E-06                      |                             |  |
| 1.4E-02                                    | I   | 2.4E-06                                   | C   | 2.0E-02                         | I   |  |     |              |       | 1     | 0.1                         | Bis(2-ethylhexyl)phthalate        | 117-81-7    | 3.5E+01                  | c*               | 1.2E+02                    | c   | 1.0E+00                              | c   | 5.1E+00                                | c   | 4.8E+00            | c                               | 6.0E+00       | 1.1E+00                      | 1.4E+00                     |  |
| 2.2E+02                                    | I   | 6.2E-02                                   | I   |                                 |     |  |     | V            |       | 1     |                             | Bis(chloromethyl)ether            | 542-88-1    | 7.7E-05                  | c                | 3.9E-04                    | c   | 3.9E-05                              | c   | 2.0E-04                                | c   | 6.2E-05            | c                               |               | 1.5E-08                      |                             |  |
|  |     |   |     | 5.0E-02                         | I   |  |     |              |       | 1     | 0.1                         | Bisphenol A                       | 80-05-7     | 3.1E+03                  | n                | 3.1E+04                    | n   |                                      |     |  |     | 1.8E+03            | n                               |               | 1.4E+02                      |                             |  |
|  |     |   |     | 2.0E-01                         | I   | 2.0E-02                                  | H   |              |       | 1     |                             | Boron And Borates Only            | 7440-42-8   | 1.6E+04                  | n                | 2.0E+05                    | nm  | 2.1E+01                              | n   | 8.8E+01                                | n   | 7.3E+03            | n                               |               | 2.3E+01                      |                             |  |
|  |     |   |     | 4.0E-02                         | C   | 1.3E-02                                  | C   |              |       | 1     |                             | Boron Trifluoride                 | 7637-07-2   | 3.1E+03                  | n                | 4.1E+04                    | n   | 1.4E+01                              | n   | 5.7E+01                                | n   | 1.5E+03            | n                               |               |                              |                             |  |
| 7.0E-01                                    | I   |   |     | 4.0E-03                         | I   |  |     |              |       | 1     |                             | Bromate                           | 15541-45-4  | 9.1E-01                  | c                | 4.1E+00                    | c   |                                      |     |  |     |                    |                                 | 1.0E+01       | 7.4E-04                      | 7.7E-02                     |  |
| 2.0E+00                                    | X   | 6.0E-04                                   | X   |                                 |     |  |     | V            |       | 1     |                             | Bromo-2-chloroethane, 1-          | 107-04-0    | 2.4E-02                  | c                | 1.2E-01                    | c   | 4.1E-03                              | c   | 2.0E-02                                | c   | 6.5E-03            | c                               |               | 1.8E-06                      |                             |  |
|  |     |   |     | 8.0E-03                         | I   | 6.0E-02                                  | I   | V            |       | 1     |                             | Bromobenzene                      | 108-86-1    | 3.0E+02                  | n                | 1.8E+03                    | ns  | 6.3E+01                              | n   | 2.6E+02                                | n   | 8.8E+01            | n                               |               | 5.9E-02                      |                             |  |
| 6.2E-02                                    | I   | 3.7E-05                                   | C   | 2.0E-02                         | I   |  |     | V            |       | 1     |                             | Bromodichloromethane              | 75-27-4     | 2.7E-01                  | c                | 1.4E+00                    | c   | 6.6E-02                              | c   | 3.3E-01                                | c   | 1.2E-01            | c                               | 8.0E+01       | 3.2E-05                      | 2.2E-02                     |  |
| 7.9E-03                                    | I   | 1.1E-06                                   | I   | 2.0E-02                         | I   |  |     |              |       | 1     | 0.1                         | Bromoform                         | 75-25-2     | 6.1E+01                  | c*               | 2.2E+02                    | c*  | 2.2E+00                              | c   | 1.1E+01                                | c   | 8.5E+00            | c*                              | 8.0E+01       | 2.3E-03                      | 2.1E-02                     |  |
|  |     |   |     | 1.4E-03                         | I   | 5.0E-03                                  | I   | V            |       | 1     |                             | Bromomethane                      | 74-83-9     | 7.3E+00                  | n                | 3.2E+01                    | n   | 5.2E+00                              | n   | 2.2E+01                                | n   | 8.7E+00            | n                               |               | 2.2E-03                      |                             |  |
|  |     |   |     | 5.0E-03                         | H   |  |     |              |       | 1     | 0.1                         | Bromophos                         | 2104-96-3   | 3.1E+02                  | n                | 3.1E+03                    | n   |                                      |     |  |     | 1.8E+02            | n                               |               | 7.7E-01                      |                             |  |
|  |     |   |     | 2.0E-02                         | I   |  |     |              |       | 1     | 0.1                         | Bromoxynil                        | 1689-84-5   | 1.2E+03                  | n                | 1.2E+04                    | n   |                                      |     |  |     | 7.3E+02            | n                               |               | 6.3E-01                      |                             |  |
| 3.4E+00                                    | C   | 3.0E-05                                   | I   |                                 |     |  |     | V            |       | 1     |                             | Bromoxynil Octanoate              | 1689-99-2   | 1.2E+03                  | n                | 1.2E+04                    | n   |                                      |     |  |     | 7.3E+02            | n                               |               | 6.4E+00                      |                             |  |
|  |     |   |     | 1.0E-01                         | I   | 2.0E-03                                  | I   | V            |       | 1     | 0.1                         | Butadiene, 1,3-                   | 106-99-0    | 5.4E-02                  | c*               | 2.6E-01                    | c*  | 8.1E-02                              | c*  | 4.1E-01                                | c*  | 1.8E-02            | c                               |               | 9.7E-06                      |                             |  |
|  |     |   |     |                                 |     |  |     |              |       | 1     | 0.1                         | Butanol, N-                       | 71-36-3     | 6.1E+03                  | n                | 6.2E+04                    | n   |                                      |     |  |     | 3.7E+03            | n                               |               | 7.6E-01                      |                             |  |
|  |     |   |     | 2.0E-01                         | I   |  |     |              |       | 1     | 0.1                         | Butyl Benzyl Phthlate             | 85-68-7     | 2.6E+02                  | c*               | 9.1E+02                    | c   |                                      |     |  |     | 3.5E+01            | c                               |               | 5.1E-01                      |                             |  |
| 1.9E-03                                    | P   |   |     | 2.0E+00                         | P   | 3.0E+01                                  | P   |              |       | 1     | 0.1                         | Butyl alcohol, sec-               | 78-92-2     | 1.2E+05                  | nm               | 1.2E+06                    | nm  | 3.1E+04                              | n   | 1.3E+05                                | n   | 7.3E+04            | n                               |               | 1.5E+01                      |                             |  |
|  |     |   |     | 5.0E-02                         | I   |  |     |              |       | 1     | 0.1                         | Butylate                          | 2008-41-5   | 3.1E+03                  | n                | 3.1E+04                    | n   |                                      |     |  |     | 1.8E+03            | n                               |               | 1.8E+00                      |                             |  |
| 2.0E-04                                    | C   | 5.7E-08                                   | C   |                                 |     |  |     |              |       | 1     | 0.1                         | Butylated hydroxyanisole          | 25013-16-5  | 2.4E+03                  | n                | 8.6E+03                    | c   | 4.3E+01                              | c   | 2.2E+02                                | c   | 3.4E+02            | c                               |               | 6.3E-01                      |                             |  |
|  |     |   |     | 1.0E+00                         | I   |  |     |              |       | 1     | 0.1                         | Butylphthalyl Butylglycolate      | 85-70-1     | 6.1E+04                  | n                | 6.2E+05                    | nm  |                                      |     |  |     | 3.7E+04            | n                               |               | 8.3E+02                      |                             |  |
|  |     |   |     | 2.0E-02                         | A   |  |     |              |       | 1     | 0.1                         | Cacodylic Acid                    | 75-60-5     | 1.2E+03                  | n                | 1.2E+04                    | n   |                                      |     |  |     | 7.3E+02            | n                               |               |                              |                             |  |
|  |     |   |     | 1.8E-03                         | I   | 1.0E-03                                  | I   | 1.0E-05      | A     | 0.025 | 0.001                       | Cadmium (Diet)                    | 7440-43-9   | 7.0E+01                  | n                | 8.0E+02                    | n   |                                      |     |  |     |                    |                                 |               |                              |                             |  |
|  |     |   |     | 1.8E-03                         | I   | 5.0E-04                                  | I   | 1.0E-05      | A     | 0.05  | 0.001                       | Cadmium (Water)                   | 7440-43-9   | 7.0E+01                  | n                | 8.0E+02                    | n   | 1.4E-03                              | c** | 6.8E-03                                | c** | 1.8E+01            | n                               | 5.0E+00       | 1.4E+00                      | 3.8E-01                     |  |
|  |     |   |     | 5.0E-01                         | I   |  |     |              |       | 1     | 0.1                         | Caprolactam                       | 105-60-2    | 3.1E+04                  | n                | 3.1E+05                    | nm  |                                      |     |  |     | 1.8E+04            | n                               |               | 4.5E+00                      |                             |  |
| 1.5E-01                                    | C   | 4.3E-05                                   | C   | 2.0E-03                         | I   |  |     |              |       | 1     | 0.1                         | Captafol                          | 2425-06-1   | 3.2E+00                  | c*               | 1.1E+01                    | c   | 5.7E-02                              | c   | 2.9E-01                                | c   | 4.5E-01            | c                               |               | 7.9E-04                      |                             |  |
| 2.3E-03                                    | C   | 6.6E-07                                   | C   | 1.3E-01                         | I   |  |     |              |       | 1     | 0.1                         | Captan                            | 133-06-2    | 2.1E+02                  | c*               | 7.5E+02                    | c   | 3.7E+00                              | c   | 1.9E+01                                | c   | 2.9E+01            | c                               |               | 2.1E-02                      |                             |  |
|  |     |   |     | 1.0E-01                         | I   |  |     |              |       | 1     | 0.1                         | Carbaryl                          | 63-25-2     | 6.1E+03                  | n                | 6.2E+04                    | n   |                                      |     |  |     | 3.7E+03            | n                               |               | 3.3E+00                      |                             |  |
|  |     |   |     | 5.0E-03                         | I   |  |     |              |       | 1     | 0.1                         | Carbofuran                        | 1563-66-2   | 3.1E+02                  | n                | 3.1E+03                    | n   |                                      |     |  |     | 1.8E+02            | n                               | 4.0E+01       | 7.1E-02                      | 1.6E-02                     |  |
| 7.0E-02                                    | I   | 6.0E-06                                   | I   | 1.0E-01                         | I   | 7.0E-01                                  | I   | V            |       | 1     | 7.4E+02                     | Carbon Disulfide                  | 75-15-0     | 8.2E+02                  | ns               | 3.7E+03                    | ns  | 7.3E+02                              | n   | 3.1E+03                                | n   | 1.0E+03            | n                               |               | 3.1E-01                      |                             |  |
|  |     |   |     | 4.0E-03                         | I   | 1.0E-01                                  | I   | V            |       | 1     | 4.6E+02                     | Carbon Tetrachloride              | 56-23-5     | 6.1E-01                  | c                | 3.0E+00                    | c   | 4.1E-01                              | c   | 2.0E+00                                | c   | 4.4E-01            | c                               | 5.0E+00       | 1.7E-04                      | 1.9E-03                     |  |
|  |     |   |     | 1.0E-02                         | I   |  |     |              |       | 1     | 0.1                         | Carbosulfan                       | 55285-14-8  | 6.1E+02                  | n                | 6.2E+03                    | n   |                                      |     |  |     | 3.7E+02            | n                               |               | 8.8E+00                      |                             |  |
|  |     |   |     | 1.0E-01                         | I   |  |     |              |       | 1     | 0.1                         | Carboxin                          | 5234-68-4   | 6.1E+03                  | n                | 6.2E+04                    | n   |                                      |     |  |     | 3.7E+03            | n                               |               | 2.0E+00                      |                             |  |
|  |     |   |     |                                 |     |  |     |              |       | 1     |                             | Ceric oxide                       | 1306-38-3   | 1.3E+06                  | nm               | 5.4E+06                    | nm  | 9.4E-01                              | n   | 3.9E+00                                | n   |                    |                                 |               |                              |                             |  |
| 4.0E-01                                    | H   |   |     | 1.0E-01                         | I   |  |     |              |       | 1     | 0.1                         | Chloral Hydrate                   | 302-17-0    | 6.1E+03                  | n                | 6.2E+04                    | n   |                                      |     |  |     | 3.7E+03            | n                               |               | 7.4E-01                      |                             |  |
|  |     |   |     | 1.5E-02                         | I   |  |     |              |       | 1     | 0.1                         | Chloramben                        | 133-90-4    | 9.2E+02                  | n                | 9.2E+03                    | n   |                                      |     |  |     | 5.5E+02            | n                               |               | 1.3E-01                      |                             |  |
|  |     |   |     |                                 |     |  |     |              |       | 1     | 0.1                         | Chloranil                         | 118-75-2    | 1.2E+00                  | c                | 4.3E+00                    | c   |                                      |     |  |     | 1.7E-01            | c                               |               | 1.4E-04                      |                             |  |
| 3.5E-01                                    | I   | 1.0E-04                                   | I   | 5.0E-04                         | I   | 7.0E-04                                  | I   |              |       | 1     | 0.04                        | Chlordane                         | 12789-03-6  | 1.6E+00                  | c*               | 6.5E+00                    | c*  | 2.4E-02                              | c*  | 1.2E-01                                | c*  | 1.9E-01            | c*                              | 2.0E+00       | 1.3E-02                      | 1.4E-01                     |  |
| 1.0E+01                                    | I   | 4.6E-03                                   | C   | 3.0E-04                         | I   |  |     |              |       | 1     | 0.1                         | Chlordecone (Kepone)              | 143-50-0    | 4.9E-02                  | c                | 1.7E-01                    | c   | 5.3E-04                              | c   | 2.7E-03                                | c   | 6.7E-03            | c                               |               | 2.4E-04                      |                             |  |
|  |     |   |     | 7.0E-04                         | A   |  |     |              |       | 1     | 0.1                         | Chlorfenvinphos                   | 470-90-6    | 4.3E+01                  | n                | 4.3E+02                    | n   |                                      |     |  |     | 2.6E+01            | n                               |               | 7.0E-02                      |                             |  |
|  |     |   |     | 2.0E-02                         | I   |  |     |              |       | 1     | 0.1                         | Chlorimuron, Ethyl-               | 90982-32-4  | 1.2E+03                  | n                | 1.2E+04                    | n   |                                      |     |  |     | 7.3E+02            | n                               |               | 2.5E-01                      |                             |  |
|  |     |   |     | 1.0E-01                         | I   | 1.5E-04                                  | A   |              |       | 1     |                             | Chlorine                          | 7782-50-5   | 7.5E+03                  | n                | 9.1E+04                    | n   | 1.5E-01                              | n   | 6.4E-01                                | n   | 3.7E+03            | n                               |               | 1.8E+00                      |                             |  |
|  |     |   |     | 3.0E-02                         | I   | 2.0E-04                                  | I   |              |       | 1     |                             | Chlorine Dioxide                  | 10049-04-4  | 2.3E+03                  | n                | 3.0E+04                    | n   | 2.1E-01                              | n   | 8.8E-01                                | n   | 1.1E+03            | n                               |               |                              |                             |  |
|  |     |   |     | 3.0E-02                         | I   |  |     |              |       | 1     |                             | Chlorite (Sodium Salt)            | 7758-19-2   | 2.3E+03                  | n                | 3.1E+04                    | n   |                                      |     |  |     | 1.1E+03            | n                               | 1.0E+03       |                              |                             |  |
|  |     |   |     |                                 |     | 5.0E+01                                  | I   | V            |       | 1     | 1.2E+03                     | Chloro-1,1-difluoroethane, 1-     | 75-68-3     | 5.8E+04                  | ns               | 2.4E+05                    | nms | 5.2E+04                              | n   | 2.2E+05                                | n   | 1.0E+05            | n                               |               | 5.2E+01                      |                             |  |
| 4.6E-01                                    | H   |   |     | 3.0E-04                         | I   | 2.0E-02                                  | H   | 2.0E-02      | I     | V     | 7.5E+02                     | Chloro-1,3-butadiene, 2-          | 126-99-8    | 9.4E-03                  | c                | 4.7E-02                    | c   | 8.1E-03                              | c   | 4.1E-02                                | c   | 1.6E-02            | c                               |               | 8.5E-06                      |                             |  |
| 2.7E-01                                    | X   |   |     |                                 |     |  |     |              |       | 1     | 0.1                         | Chloro-2-methylaniline HCl, 4-    | 3165-93-3   | 1.1E+00                  | c                | 3.7E+00                    | c   |                                      |     |  |     | 1.5E-01            | c                               |               | 8.3E-05                      |                             |  |
|  |     |   |     |                                 |     |  |     |              |       | 1     | 0.1                         | Chloroacetaldehyde, 2-            | 107-20-0    | 1.8E+00                  | c                | 6.4E+00                    | c   |                                      |     |  |     | 2.5E-01            | c                               |               | 5.0E-05                      |                             |  |
|  |     |   |     | 2.0E-03                         | H   |  |     |              |       | 1     | 0.1                         | Chloroacetic Acid                 | 79-11-8     | 1.2E+02                  | n                | 1.2E+03                    | n   |                                      |     |  |     | 7.3E+01            | n                               | 6.0E+01       | 1.5E-02                      | 1.2E-02                     |  |
| 2.0E-01                                    | P   |   |     |                                 |     | 3.0E-05                                  | I   |              |       | 1     | 0.1                         | Chloroacetophenone, 2-            | 532-27-4    | 4.3E+04                  | n                | 1.8E+05                    | nm  | 3.1E-02                              | n   | 1.3E-01                                | n   |                    |                                 |               |                              |                             |  |
|  |     |   |     | 4.0E-03                         | I   |  |     |              |       | 1     | 0.1                         | Chloroaniline, p-                 | 106-47-8    | 2.4E+00                  | c                | 8.6E+00                    | c   |                                      |     |  |     | 3.4E-01            | c                               |               | 1.4E-04                      |                             |  |
|  |     |   |     | 2.0E-02                         | I   | 5.0E-02                                  | P   | V            |       | 1     |                             | Chlorobenzene                     | 108-90-7    | 2.9E+02                  | n                | 1.4E+03                    | ns  | 5.2E+01                              | n   | 2.2E+02                                | n   | 9.1E+01            | n                               | 1.0E+02       | 6.2E-02                      | 6.8E-02                     |  |
| 1.1E-01                                    | C   | 3.1E-05                                   | C   | 2.0E-02                         | I   |  |     |              |       | 1     | 0.1                         | Chlorobenzilate                   | 510-15-6    | 4.4E+00                  | c                | 1.6E+01                    | c   | 7.8E-02                              | c   | 4.0E-01                                | c   | 6.1E-01            | c                               |               | 2.0E-03                      |                             |  |
|  |     |   |     | 3.0E-02                         | X   |  |     |              |       | 1     | 0.1                         | Chlorobenzoic Acid, p-            | 74-11-3     | 1.8E+03                  | n                | 1.8E+04                    | n   |                                      |     |  |     | 1.1E+03            | n                               |               | 2.8E-01                      |                             |  |
|  |     |   |     | 3.0E-03                         | P   | 3.0E-01                                  | P   | V            |       | 1     | 1.2E+02                     | Chlorobenzotr                     |             |                          |                  |                            |     |                                      |     |  |     |                    |                                 |               |                              |                             |  |

Regional Screening Level (RSL) Summary Table November 2010

| Toxicity and Chemical-specific Information |                    |  |                    |                              |                    |   |                    |         |          |       |      |                          |   |                   | Contaminant           |         | Screening Levels        |         |                                   |         |                                     |         |                 |         | Protection of Ground Water SSLs |                        |                       |         |  |
|--|--------------------|--|--------------------|------------------------------|--------------------|---|--------------------|---------|----------|-------|------|--------------------------|---|-------------------|-----------------------|---------|-------------------------|---------|-----------------------------------|---------|-------------------------------------|---------|-----------------|---------|---------------------------------|------------------------|-----------------------|---------|--|
| SFO (mg/kg-day) <sup>-1</sup>              | k <sub>e</sub> (y) | IUR (ug/m <sup>3</sup> -day) <sup>-1</sup> | k <sub>e</sub> (y) | RFD <sub>o</sub> (mg/kg-day) | k <sub>e</sub> (y) | RF <sub>c1</sub> (mg/m <sup>3</sup> -day) | k <sub>e</sub> (y) | Vo      | muta-gen | GIABS | ABS  | C <sub>sat</sub> (mg/kg) | Analyte                                     | CAS No.           | Resident Soil (mg/kg) | key     | Industrial Soil (mg/kg) | key     | Resident Air (ug/m <sup>3</sup> ) | key     | Industrial Air (ug/m <sup>3</sup> ) | key     | Tapwater (ug/L) | key     | MCL (ug/L)                      | Risk-based SSL (mg/kg) | MCL-based SSL (mg/kg) |         |  |
| 2.4E+00                                    | C                  | 6.9E-04                                    | C                  | 8.0E-02                      | I                  |   | V                  |         |          | 1     |      | 2.6E+04                  | Chloromethyl Methyl Ether                   | 107-30-2          | 1.9E-02               | c       | 9.4E-02                 | c       | 3.5E-03                           | c       | 1.8E-02                             | c       | 5.6E-03         | c       |                                 | 1.2E-06                |                       |         |  |
|  |                    |  |                    |                              |                    |   | V                  |         |          | 1     |      | 1.8E+02                  | Chloronaphthalene, Beta-                    | 91-58-7           | 6.3E+03               | ns      | 8.2E+04                 | ns      |                                   |         |                                     |         | 2.9E+03         | c       |                                 | 1.5E+01                |                       |         |  |
| 3.0E-01                                    | P                  |  |                    | 3.0E-03                      | P                  | 1.0E-05                                   | X                  |         |          | 1     | 0.1  |                          | Chloronitrobenzene, o-                      | 88-73-3           | 1.6E+00               | c       | 5.7E+00                 | c       | 1.0E-02                           | n       | 4.4E-02                             | n       | 2.2E-01         | c       |                                 | 2.1E-04                |                       |         |  |
| 6.3E-03                                    | P                  |  |                    | 1.0E-03                      | P                  | 6.0E-04                                   | P                  |         |          | 1     | 0.1  |                          | Chloronitrobenzene, p-                      | 100-00-5          | 6.1E+01               | n       | 2.7E+02                 | c**     | 6.3E-01                           | n       | 2.6E+00                             | n       | 1.1E+01         | c**     |                                 | 9.9E-03                |                       |         |  |
|  |                    |  |                    | 5.0E-03                      | I                  |   | V                  |         |          | 1     |      | 2.2E+04                  | Chlorophenol, 2-                            | 95-57-8           | 3.9E+02               | n       | 5.1E+03                 | n       |                                   |         |                                     |         |                 |         |                                 | 1.8E+02                | n                     | 1.5E-01 |  |
|  |                    |  |                    |                              |                    |   |                    | 4.0E-04 | C        | V     |      | 1                        | 6.2E+02                                     | Chloropicrin      | 76-06-2               | 2.1E+00 | n                       | 8.8E+00 | n                                 | 4.2E-01 | n                                   | 1.8E+00 | n               | 8.3E-01 | n                               |                        | 2.5E-04               |         |  |
| 3.1E-03                                    | C                  | 8.9E-07                                    | C                  | 1.5E-02                      | I                  |   | V                  |         |          | 1     | 0.1  |                          | Chlorothalonil                              | 1897-45-6         | 1.6E+02               | c**     | 5.6E+02                 | c*      | 2.7E+00                           | c       | 1.4E+01                             | c       | 2.2E+01         | c*      |                                 | 4.9E-02                |                       |         |  |
|  |                    |  |                    | 2.0E-02                      | I                  |   | V                  |         |          | 1     |      | 9.1E+02                  | Chlorotoluene, o-                           | 95-49-8           | 1.6E+03               | ns      | 2.0E+04                 | ns      |                                   |         |                                     |         | 7.3E+02         | n       |                                 | 7.1E-01                |                       |         |  |
|  |                    |  |                    |                              |                    |   |                    | 7.0E-02 | P        | V     |      | 1                        | 2.5E+02                                     | Chlorotoluene, p- | 106-43-4              | 5.5E+03 | ns                      | 7.2E+04 | ns                                |         |                                     |         |                 | 2.6E+03 | n                               |                        | 2.5E+00               |         |  |
| 2.4E+02                                    | C                  | 6.9E-02                                    | C                  |                              |                    |   |                    |         |          | 1     | 0.1  |                          | Chlorozotocin                               | 54749-90-5        | 2.0E-03               | c       | 7.2E-03                 | c       | 3.5E-05                           | c       | 1.8E-04                             | c       | 2.8E-04         | n       |                                 | 6.2E-08                |                       |         |  |
|  |                    |  |                    | 2.0E-01                      | I                  |   |                    |         |          | 1     | 0.1  |                          | Chlorpropham                                | 101-21-3          | 1.2E+04               | n       | 1.2E+05                 | nm      |                                   |         |                                     |         | 7.3E+03         | n       |                                 | 6.6E+00                |                       |         |  |
|  |                    |  |                    |                              |                    |   |                    | 3.0E-03 | I        |       |      | 1                        | 0.1   | Chlorpyrifos      | 2921-88-2             | 1.8E+02 | n                       | 1.8E+03 | n                                 |         |                                     |         |                 | 1.1E+02 | n                               |                        | 1.6E+00               |         |  |
|  |                    |  |                    | 1.0E-02                      | H                  |   |                    |         |          | 1     | 0.1  |                          | Chlorpyrifos Methyl                         | 5598-13-0         | 6.1E+02               | n       | 6.2E+03                 | n       |                                   |         |                                     |         | 3.7E+02         | n       |                                 | 1.7E+00                |                       |         |  |
|  |                    |  |                    | 5.0E-02                      | I                  |   |                    |         |          | 1     | 0.1  |                          | Chlorsulfuron                               | 64902-72-3        | 3.1E+03               | n       | 3.1E+04                 | n       |                                   |         |                                     |         | 1.8E+03         | n       |                                 | 1.5E+00                |                       |         |  |
|  |                    |  |                    | 8.0E-04                      | H                  |   |                    |         |          | 1     | 0.1  |                          | Chlorthiophos                               | 60238-56-4        | 4.9E+01               | n       | 4.9E+02                 | n       |                                   |         |                                     |         | 2.9E+01         | n       |                                 | 7.5E-01                |                       |         |  |
| 5.0E-01                                    | J                  | 8.4E-02                                    | S                  | 1.5E+00                      | I                  | 1.0E-04                                   | I                  | M       |          | 0.013 |      | 0.025                    | Chromium(III), Insoluble Salts              | 16065-83-1        | 1.2E+05               | nm      | 1.5E+06                 | nm      |                                   |         |                                     |         | 5.5E+04         | n       |                                 | 9.9E+07                |                       |         |  |
|  |                    |  |                    | 3.0E-03                      | I                  |   |                    |         |          | 0.013 |      |                          | Chromium(VI)                                | 18540-29-9        | 2.9E-01               | c       | 5.6E+00                 | c       | 1.1E-05                           | c       | 1.5E-04                             | c       | 4.3E-02         | c       | 1.0E+02                         | 8.3E-04                |                       |         |  |
|  |                    | 9.0E-03                                    | P                  | 3.0E-04                      | P                  | 6.0E-06                                   | P                  |         |          | 1     |      | 0.013                    | Chromium, Total                             | 7440-47-3         | 2.3E+01               | n       | 3.0E+02                 | n       | 2.7E-04                           | c*      | 1.4E-03                             | c*      | 1.1E+01         | n       |                                 | 4.9E+01                | 1.8E+05               |         |  |
|  |                    | 6.2E-04                                    | I                  |                              |                    |   |                    | M       |          | 1     | 0.1  |                          | Cobalt                                      | 7440-48-4         |                       |         |                         | 1.5E-03 | c                                 | 2.0E-02 | c                                   |         |                 |         |                                 |                        |                       |         |  |
|  |                    |  |                    | 4.0E-02                      | H                  |   |                    |         |          | 1     |      |                          | Copper                                      | 7440-50-8         | 3.1E+03               | n       | 4.1E+04                 | n       |                                   |         |                                     |         | 1.5E+03         | n       | 1.3E+03                         | 5.1E+01                | 4.6E+01               |         |  |
|  |                    |  |                    | 5.0E-02                      | I                  | 6.0E-01                                   | C                  |         |          | 1     | 0.1  |                          | Cresol, m-                                  | 108-39-4          | 3.1E+03               | n       | 3.1E+04                 | n       | 6.3E+02                           | n       | 2.6E+03                             | n       | 1.8E+03         | n       |                                 | 1.5E+00                |                       |         |  |
|  |                    |  |                    | 5.0E-02                      | I                  | 6.0E-01                                   | C                  |         |          | 1     | 0.1  |                          | Cresol, o-                                  | 95-48-7           | 3.1E+03               | n       | 3.1E+04                 | n       | 6.3E+02                           | n       | 2.6E+03                             | n       | 1.8E+03         | n       |                                 | 1.5E+00                |                       |         |  |
|  |                    |  |                    | 5.0E-03                      | H                  | 6.0E-01                                   | C                  |         |          | 1     | 0.1  |                          | Cresol, p-                                  | 106-44-5          | 3.1E+02               | n       | 3.1E+03                 | n       | 6.3E+02                           | n       | 2.6E+03                             | n       | 1.8E+02         | n       |                                 | 1.5E-01                |                       |         |  |
|  |                    |  |                    | 1.0E-01                      | X                  |   |                    |         |          | 1     | 0.1  |                          | Cresol, p-chloro-m-                         | 59-50-7           | 6.1E+03               | n       | 6.2E+04                 | n       |                                   |         |                                     |         | 3.7E+03         | n       |                                 | 4.3E+00                |                       |         |  |
|  |                    |  |                    | 1.0E-01                      | A                  | 6.0E-01                                   | C                  | V       |          | 1     |      | 5.0E+04                  | Cresols                                     | 1319-77-3         | 7.5E+03               | n       | 9.1E+04                 | ns      | 6.3E+02                           | n       | 2.6E+03                             | n       | 9.3E+02         | n       |                                 | 7.6E-01                |                       |         |  |
| 1.9E+00                                    | H                  |  |                    |                              |                    |   | V                  |         |          | 1     |      | 1.7E+04                  | Crotonaldehyde, trans-                      | 123-73-9          | 3.4E-01               | c       | 1.5E+00                 | c       |                                   |         |                                     |         | 3.5E-02         | c       |                                 | 7.2E-06                |                       |         |  |
|  |                    |  |                    | 1.0E-01                      | I                  | 4.0E-01                                   | I                  | V       |          | 1     |      | 2.7E+02                  | Cumene                                      | 98-82-8           | 2.1E+03               | ns      | 1.1E+04                 | ns      | 4.2E+02                           | n       | 1.8E+03                             | n       | 6.8E+02         | n       |                                 | 1.1E+00                |                       |         |  |
| 2.2E-01                                    | C                  | 6.3E-05                                    | C                  |                              |                    |   |                    |         |          | 1     | 0.1  |                          | Cupferron                                   | 135-20-6          | 2.2E+00               | c       | 7.8E+00                 | c       | 3.9E-02                           | c       | 1.9E-01                             | c       | 3.1E-01         | c       |                                 | 5.3E-04                |                       |         |  |
| 8.4E-01                                    | H                  |  |                    | 2.0E-03                      | H                  |   |                    |         |          | 1     | 0.1  |                          | Cyanazine                                   | 21725-46-2        | 5.8E-01               | c       | 2.1E+00                 | c       |                                   |         |                                     |         | 8.0E-02         | c       |                                 | 3.7E-05                |                       |         |  |
|  |                    |  |                    | 4.0E-02                      | I                  |   |                    |         |          | 1     |      |                          | Cyanides                                    |                   |                       |         |                         |         |                                   |         |                                     |         |                 |         |                                 |                        |                       |         |  |
|  |                    |  |                    | 5.0E-03                      | I                  |   |                    |         |          | 1     |      |                          | ~Calcium Cyanide                            | 592-01-8          | 3.1E+03               | n       | 4.1E+04                 | n       |                                   |         |                                     |         | 1.5E+03         | n       |                                 |                        |                       |         |  |
|  |                    |  |                    | 2.0E-02                      | I                  |   | V                  |         |          | 1     |      | 1.0E+07                  | ~Copper Cyanide                             | 544-92-3          | 3.9E+02               | n       | 5.1E+03                 | n       |                                   |         |                                     |         | 1.8E+02         | n       |                                 |                        |                       |         |  |
|  |                    |  |                    | 4.0E-02                      | I                  |   | V                  |         |          | 1     |      | 1.5E+03                  | ~Cyanide (CN-)                              | 57-12-5           | 1.6E+03               | n       | 2.0E+04                 | n       |                                   |         |                                     |         | 7.3E+02         | n       | 2.0E+02                         | 7.4E+00                | 2.0E+00               |         |  |
|  |                    |  |                    | 9.0E-02                      | I                  |   | V                  |         |          | 1     |      | 1.0E+05                  | ~Cyanogen                                   | 460-19-5          | 3.1E+03               | ns      | 4.1E+04                 | ns      |                                   |         |                                     |         | 1.5E+03         | n       |                                 | 3.3E-01                |                       |         |  |
|  |                    |  |                    | 5.0E-02                      | I                  |   | V                  |         |          | 1     |      | 4.3E+03                  | ~Cyanogen Bromide                           | 506-68-3          | 7.0E+03               | n       | 9.2E+04                 | n       |                                   |         |                                     |         | 3.3E+03         | n       |                                 | 9.8E-01                |                       |         |  |
|  |                    |  |                    | 6.0E-04                      | I                  | 8.0E-04                                   | I                  | V       |          | 1     |      | 1.2E+05                  | ~Cyanogen Chloride                          | 506-77-4          | 3.9E+03               | n       | 5.1E+04                 | ns      |                                   |         |                                     |         | 1.8E+03         | n       |                                 | 3.9E-01                |                       |         |  |
|  |                    |  |                    | 5.0E-02                      | I                  |   |                    |         |          | 1     |      |                          | ~Hydrogen Cyanide                           | 74-90-8           | 4.6E+00               | n       | 2.1E+01                 | n       | 8.3E-01                           | n       | 3.5E+00                             | n       | 1.6E+00         | n       |                                 | 3.2E-04                |                       |         |  |
|  |                    |  |                    | 2.0E-01                      | I                  |   |                    | 0.04    |          |       |      |                          | ~Potassium Cyanide                          | 151-50-8          | 3.9E+03               | n       | 5.1E+04                 | n       |                                   |         |                                     |         | 1.8E+03         | n       |                                 |                        |                       |         |  |
|  |                    |  |                    | 1.0E-01                      | I                  |   |                    | 0.04    |          |       |      |                          | ~Potassium Silver Cyanide                   | 506-61-6          | 1.6E+04               | n       | 2.0E+05                 | nm      |                                   |         |                                     |         | 7.3E+03         | n       |                                 |                        |                       |         |  |
|  |                    |  |                    | 4.0E-02                      | I                  |   |                    |         |          | 1     |      |                          | ~Silver Cyanide                             | 506-64-9          | 7.8E+03               | n       | 1.0E+05                 | nm      |                                   |         |                                     |         | 3.7E+03         | n       |                                 |                        |                       |         |  |
|  |                    |  |                    | 2.0E-04                      | P                  |   | V                  |         |          | 1     |      | 4.6E+03                  | ~Sodium Cyanide                             | 143-33-9          | 3.1E+03               | n       | 4.1E+04                 | n       |                                   |         |                                     |         | 1.5E+03         | n       | 2.0E+02                         | 1.5E-03                |                       |         |  |
|  |                    |  |                    | 5.0E-02                      | I                  |   |                    |         |          | 1     |      |                          | ~Thiocyanate                                | 463-56-9          | 1.6E+01               | n       | 2.0E+02                 | n       |                                   |         |                                     |         | 7.3E+00         | n       |                                 |                        |                       |         |  |
|  |                    |  |                    | 6.0E-02                      | I                  |   |                    |         |          | 1     |      |                          | ~Zinc Cyanide                               | 557-21-1          | 3.9E+03               | n       | 5.1E+04                 | n       |                                   |         |                                     |         | 1.8E+03         | n       |                                 |                        |                       |         |  |
|  |                    |  |                    |                              |                    | 6.0E+00                                   | I                  | V       |          | 1     |      | 1.2E+02                  | Cyclohexane                                 | 110-82-7          | 7.0E+03               | ns      | 2.9E+04                 | ns      | 6.3E+03                           | n       | 2.6E+04                             | n       | 1.3E+04         | n       |                                 | 1.3E+01                |                       |         |  |
| 2.3E-02                                    | H                  |  |                    |                              |                    |   |                    |         |          | 1     | 0.1  |                          | Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro- | 87-84-3           | 2.1E+01               | c       | 7.5E+01                 | c       |                                   |         |                                     |         | 2.9E+00         | c       |                                 | 1.7E-02                |                       |         |  |
|  |                    |  |                    | 5.0E+00                      | I                  |   |                    |         |          | 1     | 0.1  |                          | Cyclohexanone                               | 108-94-1          | 3.1E+05               | nm      | 3.1E+06                 | nm      |                                   |         |                                     |         | 1.8E+05         | n       |                                 | 4.3E+01                |                       |         |  |
|  |                    |  |                    | 2.0E-01                      | I                  |   |                    |         |          | 1     | 0.1  |                          | Cyclohexylamine                             | 108-91-8          | 1.2E+04               | n       | 1.2E+05                 | nm      |                                   |         |                                     |         | 7.3E+03         | n       |                                 | 1.9E+00                |                       |         |  |
|  |                    |  |                    | 5.0E-03                      | I                  |   |                    |         |          | 1     | 0.1  |                          | Cyhalothrin/karate                          | 68085-85-8        | 3.1E+02               | n       | 3.1E+03                 | n       |                                   |         |                                     |         | 1.8E+02         | n       |                                 | 1.2E+02                |                       |         |  |
|  |                    |  |                    | 1.0E-02                      | I                  |   |                    |         |          | 1     | 0.1  |                          | Cypermethrin                                | 52315-07-8        | 6.1E+02               | n       | 6.2E+03                 | n       |                                   |         |                                     |         | 3.7E+02         | n       |                                 | 5.8E+01                |                       |         |  |
|  |                    |  |                    | 7.5E-03                      | I                  |   |                    |         |          | 1     | 0.1  |                          | Cyromazine                                  | 66215-27-8        | 4.6E+02               | n       | 4.6E+03                 | n       |                                   |         |                                     |         | 2.7E+02         | n       |                                 | 7.0E-02                |                       |         |  |
| 2.4E-01                                    | I                  | 6.9E-05                                    | C                  |                              |                    |   |                    |         |          | 1     | 0.1  |                          | DDD   | 72-54-8           | 2.0E+00               | c       | 7.2E+00                 | c       | 3.5E-02                           | c       | 1.8E-01                             | c       | 2.8E-01         | c       |                                 | 6.6E-02                |                       |         |  |
| 3.4E-01                                    | I                  | 9.7E-05                                    | C                  |                              |                    |   |                    |         |          | 1     | 0.1  |                          | DDE, p,p'-                                  | 72-55-9           | 1.4E+00               | c       | 5.1E+00                 | c       | 2.5E-02                           | c       | 1.3E-01                             | c       | 2.0E-01         | c       |                                 | 4.7E-02                |                       |         |  |
| 3.4E-01                                    | I                  | 9.7E-05                                    | I                  | 5.0E-04                      | I                  |   |                    |         |          | 1     | 0.03 |                          | DDT   | 50-29-3           | 1.7E+00               | c*      | 7.0E+00                 | c*      | 2.5E-02                           | c       | 1.3E-01                             | c       | 2.0E-01         | c*      |                                 | 6.7E-02                |                       |         |  |

Regional Screening Level (RSL) Summary Table November 2010

| Toxicity and Chemical-specific Information |     |  |     |                              |     |                                       |         |    |       |       |      |                          |     | Contaminant                            |            | Screening Levels      |     |                         |     |                                   |     |                                     |     | Protection of Ground Water SSLs |     |            |                        |                       |  |
|--|-----|--|-----|------------------------------|-----|---------------------------------------|---------|----|-------|-------|------|--------------------------|-----|--|------------|-----------------------|-----|-------------------------|-----|-----------------------------------|-----|-------------------------------------|-----|---------------------------------|-----|------------|------------------------|-----------------------|--|
| SFO (mg/kg-day) <sup>-1</sup>              | key | IUR (ug/m <sup>3</sup> ) <sup>-1</sup> | key | RFD <sub>o</sub> (mg/kg-day) | key | RfC <sub>o</sub> (mg/m <sup>3</sup> ) | key     | Vo | muta- | GIABS | ABS  | C <sub>sat</sub> (mg/kg) | key | Analyte                                | CAS No.    | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key | Resident Air (ug/m <sup>3</sup> ) | key | Industrial Air (ug/m <sup>3</sup> ) | key | Tapwater (ug/L)                 | key | MCL (ug/L) | Risk-based SSL (mg/kg) | MCL-based SSL (mg/kg) |  |
|  |     |  |     | 1.0E-02                      | H   | 4.0E-03                               | X       | V  |       | 1     |      | 2.8E+03                  |     | Dibromomethane (Methylene Bromide)     | 74-95-3    | 2.5E+01               | n   | 1.1E+02                 | n   | 4.2E+00                           | n   | 1.8E+01                             | n   | 8.2E+00                         | n   |            | 2.0E-03                |                       |  |
|  |     |  |     | 1.0E-01                      | I   |                                       |         |    |       | 1     | 0.1  |                          |     | Dibutyl Phthalate                      | 84-74-2    | 6.1E+03               | n   | 6.2E+04                 | n   |                                   |     |                                     |     | 3.7E+03                         | n   |            | 9.2E+00                |                       |  |
|  |     |  |     | 3.0E-04                      | P   |                                       |         |    |       | 1     | 0.1  |                          |     | Dibutyltin Compounds                   | NA         | 1.8E+01               | n   | 1.8E+02                 | n   |                                   |     |                                     |     | 1.1E+01                         | n   |            |                        |                       |  |
|  |     |  |     | 3.0E-02                      | I   |                                       |         |    |       | 1     | 0.1  |                          |     | Dicamba                                | 1918-00-9  | 1.8E+03               | n   | 1.8E+04                 | n   |                                   |     |                                     |     | 1.1E+03                         | n   |            | 2.8E-01                |                       |  |
|  |     | 4.2E-03                                | P   |                              |     |                                       |         | V  |       | 1     |      | 5.2E+02                  |     | Dichloro-2-butene, 1,4-                | 764-41-0   | 6.5E-03               | c   | 3.3E-02                 | c   | 5.8E-04                           | c   | 2.9E-03                             | c   | 1.2E-03                         | c   |            | 5.4E-07                |                       |  |
|  |     | 4.2E-03                                | P   |                              |     |                                       |         | V  |       | 1     | 0.1  | 5.2E+02                  |     | Dichloro-2-butene, cis-1,4-            | 1476-11-5  | 6.9E-03               | c   | 3.5E-02                 | c   | 5.8E-04                           | c   | 2.9E-03                             | c   | 1.2E-03                         | c   |            | 5.4E-07                |                       |  |
| 5.0E-02                                    | I   | 4.2E-03                                | P   |                              |     |                                       |         | V  |       | 1     | 0.1  | 7.6E+02                  |     | Dichloro-2-butene, trans-1,4-          | 110-57-6   | 6.9E-03               | c   | 3.5E-02                 | c   | 5.8E-04                           | c   | 2.9E-03                             | c   | 1.2E-03                         | c   |            | 5.4E-07                |                       |  |
|  |     |  |     | 4.0E-03                      | I   |                                       |         |    |       | 1     | 0.1  |                          |     | Dichloroacetic Acid                    | 79-43-6    | 9.7E+00               | c*  | 3.4E+01                 | c*  |                                   |     |                                     |     | 1.3E+00                         | c   | 6.0E+01    | 2.8E-04                | 1.2E-02               |  |
|  |     |  |     | 9.0E-02                      | I   | 2.0E-01                               | H       | V  |       | 1     |      | 3.8E+02                  |     | Dichlorobenzene, 1,2-                  | 95-50-1    | 1.9E+03               | ns  | 9.2E+03                 | ns  | 2.1E+02                           | n   | 8.8E+02                             | n   | 3.7E+02                         | n   |            | 3.6E-01                |                       |  |
| 5.4E-03                                    | C   | 1.1E-05                                | C   |                              |     | A                                     | 8.0E-01 | I  | V     | 1     |      |                          |     | Dichlorobenzene, 1,4-                  | 106-46-7   | 2.4E+00               | c   | 1.2E+01                 | c   | 2.2E-01                           | c   | 1.1E+00                             | c   | 4.3E-01                         | c   | 7.5E+01    | 4.1E-04                | 7.2E-02               |  |
| 4.5E-01                                    | I   | 3.4E-04                                | C   |                              |     |                                       |         |    |       | 1     | 0.1  |                          |     | Dichlorobenzidine, 3,3'-               | 91-94-1    | 1.1E+00               | c   | 3.8E+00                 | c   | 7.2E-03                           | c   | 3.6E-02                             | c   | 1.5E-01                         | c   |            | 9.8E-04                |                       |  |
|  |     |  |     | 9.0E-03                      | X   |                                       |         |    |       | 1     | 0.1  |                          |     | Dichlorobenzophenone, 4,4'-            | 90-98-2    | 5.5E+02               | n   | 5.5E+03                 | n   |                                   |     |                                     |     | 3.3E+02                         | n   |            | 2.0E+00                |                       |  |
|  |     |  |     | 2.0E-01                      | I   | 2.0E-01                               | H       | V  |       | 1     |      | 8.5E+02                  |     | Dichlorodifluoromethane                | 75-71-8    | 1.8E+02               | n   | 7.8E+02                 | n   | 2.1E+02                           | n   | 8.8E+02                             | n   | 3.9E+02                         | n   |            | 6.1E-01                |                       |  |
| 5.7E-03                                    | C   | 1.6E-06                                | C   |                              |     |                                       |         |    |       | 1     |      | 1.7E+03                  |     | Dichloroethane, 1,1-                   | 75-34-3    | 3.3E+00               | c   | 1.7E+01                 | c   | 1.5E+00                           | c   | 7.7E+00                             | c   | 2.4E+00                         | c   |            | 6.9E-04                |                       |  |
| 9.1E-02                                    | I   | 2.6E-05                                | I   |                              |     |                                       |         |    |       | 1     |      | 3.0E+03                  |     | Dichloroethane, 1,2-                   | 107-06-2   | 4.3E-01               | c   | 2.2E+00                 | c   | 9.4E-02                           | c   | 4.7E-01                             | c   | 1.5E-01                         | c   | 5.0E+00    | 4.2E-05                | 1.4E-03               |  |
|  |     |  |     | 5.0E-02                      | I   | 2.0E-01                               | I       | V  |       | 1     |      | 1.2E+03                  |     | Dichloroethylene, 1,1-                 | 75-35-4    | 2.4E+02               | n   | 1.1E+03                 | n   | 2.1E+02                           | n   | 8.8E+02                             | n   | 3.4E+02                         | n   | 7.0E+00    | 1.2E-01                | 2.5E-03               |  |
|  |     |  |     | 9.0E-03                      | H   |                                       |         | V  |       | 1     |      | 1.3E+03                  |     | Dichloroethylene, 1,2- (Mixed Isomers) | 540-59-0   | 7.0E+02               | n   | 9.2E+03                 | ns  |                                   |     |                                     |     | 3.3E+02                         | n   |            | 9.7E-02                |                       |  |
|  |     |  |     | 2.0E-03                      | I   |                                       |         | V  |       | 1     |      | 2.4E+03                  |     | Dichloroethylene, 1,2-cis-             | 156-59-2   | 1.6E+02               | n   | 2.0E+03                 | n   |                                   |     |                                     |     | 7.3E+01                         | n   | 7.0E+01    | 2.1E-02                | 2.1E-02               |  |
|  |     |  |     | 2.0E-02                      | I   | 6.0E-02                               | P       | V  |       | 1     |      | 1.7E+03                  |     | Dichloroethylene, 1,2-trans-           | 156-60-5   | 1.5E+02               | n   | 6.9E+02                 | n   | 6.3E+01                           | n   | 2.6E+02                             | n   | 1.1E+02                         | n   | 1.0E+02    | 3.1E-02                | 2.9E-02               |  |
|  |     |  |     | 3.0E-03                      | I   |                                       |         |    |       | 1     | 0.1  |                          |     | Dichlorophenol, 2,4-                   | 120-83-2   | 1.8E+02               | n   | 1.8E+03                 | n   |                                   |     |                                     |     | 1.1E+02                         | n   |            | 1.3E-01                |                       |  |
|  |     |  |     | 1.0E-02                      | I   |                                       |         |    |       | 1     | 0.05 |                          |     | Dichlorophenoxy Acetic Acid, 2,4-      | 94-75-7    | 6.9E+02               | n   | 7.7E+03                 | n   |                                   |     |                                     |     | 3.7E+02                         | n   | 7.0E+01    | 9.5E-02                | 1.8E-02               |  |
|  |     |  |     | 8.0E-03                      | I   |                                       |         |    |       | 1     | 0.1  |                          |     | Dichlorophenoxybutyric Acid, 4-(2,4-   | 94-82-6    | 4.9E+02               | n   | 4.9E+03                 | n   |                                   |     |                                     |     | 2.9E+02                         | n   |            | 1.2E-01                |                       |  |
| 3.6E-02                                    | C   | 1.0E-05                                | C   |                              |     | A                                     | 4.0E-03 | I  | V     | 1     |      | 1.4E+03                  |     | Dichloropropane, 1,2-                  | 78-87-5    | 8.9E-01               | c*  | 4.5E+00                 | c*  | 2.4E-01                           | c*  | 1.2E+00                             | c*  | 3.9E-01                         | c*  | 5.0E+00    | 1.3E-04                | 1.7E-03               |  |
|  |     |  |     | 2.0E-02                      | P   |                                       |         | V  |       | 1     |      | 1.5E+03                  |     | Dichloropropane, 1,3-                  | 142-28-9   | 1.6E+03               | ns  | 2.0E+04                 | ns  |                                   |     |                                     |     | 7.3E+02                         | n   |            | 2.5E-01                |                       |  |
|  |     |  |     | 3.0E-03                      | I   |                                       |         |    |       | 1     | 0.1  |                          |     | Dichloropropanol, 2,3-                 | 616-23-9   | 1.8E+02               | n   | 1.8E+03                 | n   |                                   |     |                                     |     | 1.1E+02                         | n   |            | 2.3E-02                |                       |  |
| 1.0E-01                                    | I   | 4.0E-06                                | I   |                              |     | A                                     | 2.0E-02 | I  | V     | 1     |      | 1.6E+03                  |     | Dichloropropene, 1,3-                  | 542-75-6   | 1.7E+00               | c*  | 8.1E+00                 | c*  | 6.1E-01                           | c*  | 3.1E+00                             | c*  | 4.3E-01                         | c*  |            | 1.5E-04                |                       |  |
| 2.9E-01                                    | I   | 8.3E-05                                | C   |                              |     |                                       |         |    |       | 1     | 0.1  |                          |     | Dichlorvos                             | 62-73-7    | 1.7E+00               | c*  | 5.9E+00                 | c*  | 2.9E-02                           | c*  | 1.5E-01                             | c*  | 2.3E-01                         | c*  |            | 7.1E-05                |                       |  |
|  |     |  |     | 8.0E-03                      | P   | 7.0E-03                               | P       | V  |       | 1     |      | 1.3E+02                  |     | Dicyclopentadiene                      | 77-73-6    | 2.7E+01               | n   | 1.2E+02                 | n   | 7.3E+00                           | n   | 3.1E+01                             | n   | 1.4E+01                         | n   |            | 4.8E-02                |                       |  |
| 1.6E+01                                    | I   | 4.6E-03                                | I   |                              |     |                                       |         |    |       | 1     | 0.1  |                          |     | Dieldrin                               | 60-57-1    | 3.0E-02               | c   | 1.1E-01                 | c   | 5.3E-04                           | c   | 2.7E-03                             | c   | 4.2E-03                         | c   |            | 1.7E-04                |                       |  |
|  |     | 3.0E-04                                | C   |                              |     | 5.0E-03                               | I       |    |       | 1     | 0.1  |                          |     | Diesel Engine Exhaust                  | NA         |                       |     |                         |     | 8.1E-03                           | c   | 4.1E-02                             | c   |                                 |     |            |                        |                       |  |
|  |     |  |     | 3.0E-03                      | C   |                                       |         |    |       | 1     | 0.1  |                          |     | Diethanolamine                         | 111-42-2   | 4.3E+06               | nm  | 1.8E+07                 | nm  | 3.1E+00                           | n   | 1.3E+01                             | n   |                                 |     | 2.9E+04    | n                      | 1.2E+01               |  |
|  |     |  |     | 8.0E-01                      | I   |                                       |         |    |       | 1     | 0.1  |                          |     | Diethyl Phthalate                      | 84-66-2    | 4.9E+04               | n   | 4.9E+05                 | nm  |                                   |     |                                     |     | 1.1E+03                         | n   |            | 2.4E-01                |                       |  |
|  |     |  |     | 3.0E-02                      | P   | 1.0E-04                               | P       |    |       | 1     | 0.1  |                          |     | Diethylene Glycol Monoethyl Ether      | 112-34-5   | 1.8E+03               | n   | 1.8E+04                 | n   | 1.0E-01                           | n   | 4.4E-01                             | n   |                                 |     | 1.1E+03    | n                      |                       |  |
|  |     |  |     | 6.0E-02                      | P   | 3.0E-04                               | P       |    |       | 1     | 0.1  |                          |     | Diethylene Glycol Monoethyl Ether      | 111-90-0   | 3.6E+03               | n   | 3.6E+04                 | n   | 3.1E-01                           | n   | 1.3E+00                             | n   | 2.2E+03                         | n   |            | 4.4E-01                |                       |  |
| 3.5E+02                                    | C   | 1.0E-01                                | C   |                              |     |                                       |         |    |       | 1     | 0.1  |                          |     | Diethylformamide                       | 617-84-5   | 6.1E+01               | n   | 6.2E+02                 | n   |                                   |     |                                     |     | 3.7E+01                         | n   |            | 7.5E-03                |                       |  |
|  |     |  |     | 1.0E-03                      | P   |                                       |         |    |       | 1     | 0.1  |                          |     | Diethylstilbestrol                     | 56-53-1    | 1.4E-03               | c   | 4.9E-03                 | c   | 2.4E-05                           | c   | 1.2E-04                             | c   | 1.9E-04                         | c   |            | 1.1E-04                |                       |  |
|  |     |  |     | 8.0E-02                      | I   |                                       |         |    |       | 1     | 0.1  |                          |     | Difenoquat                             | 43222-48-6 | 4.9E+03               | n   | 4.9E+04                 | n   |                                   |     |                                     |     | 2.9E+03                         | n   |            | 8.2E-01                |                       |  |
|  |     |  |     | 2.0E-02                      | I   |                                       |         |    |       | 1     | 0.1  |                          |     | Diffubenzuron                          | 35367-38-5 | 1.2E+03               | n   | 1.2E+04                 | n   |                                   |     |                                     |     | 7.3E+02                         | n   |            | 2.8E+01                |                       |  |
|  |     |  |     | 4.0E+01                      | I   | V                                     |         |    |       | 1     |      | 1.4E+03                  |     | Diffuoroethane, 1,1-                   | 75-37-6    | 5.2E+04               | ns  | 2.2E+05                 | nms | 4.2E+04                           | n   | 1.8E+05                             | n   | 8.3E+04                         | n   |            |                        |                       |  |
| 4.4E-02                                    | C   | 1.3E-05                                | C   |                              |     |                                       |         |    |       | 1     | 0.1  |                          |     | Dihydrosafrole                         | 94-58-6    | 1.1E+01               | c   | 3.9E+01                 | c   | 1.9E-01                           | c   | 9.4E-01                             | c   | 1.5E+00                         | c   |            | 1.9E-03                |                       |  |
|  |     |  |     | 4.0E-01                      | P   | V                                     |         |    |       | 1     |      | 2.3E+03                  |     | Diisopropyl Ether                      | 108-20-3   | 1.4E+03               | n   | 5.8E+03                 | ns  | 4.2E+02                           | n   | 1.8E+03                             | n   | 8.3E+02                         | n   |            | 2.1E-01                |                       |  |
|  |     |  |     | 8.0E-02                      | I   |                                       |         | V  |       | 1     |      | 5.3E+02                  |     | Diisopropyl Methylphosphonate          | 1445-75-6  | 6.3E+03               | ns  | 8.2E+04                 | ns  |                                   |     |                                     |     | 2.9E+03                         | n   |            | 8.3E-01                |                       |  |
|  |     |  |     | 2.0E-02                      | I   |                                       |         |    |       | 1     | 0.1  |                          |     | Dimethipin                             | 55290-64-7 | 1.2E+03               | n   | 1.2E+04                 | n   |                                   |     |                                     |     | 7.3E+02                         | n   |            | 1.6E-01                |                       |  |
| 1.4E-02                                    | H   |  |     | 2.0E-04                      | I   |                                       |         |    |       | 1     | 0.1  |                          |     | Dimethoate                             | 60-51-5    | 1.2E+01               | n   | 1.2E+02                 | n   |                                   |     |                                     |     | 7.3E+00                         | n   |            | 1.6E-03                |                       |  |
|  |     |  |     | 6.0E-02                      | P   |                                       |         |    |       | 1     | 0.1  |                          |     | Dimethoxybenzidine, 3,3'-              | 119-90-4   | 3.5E+01               | c   | 1.2E+02                 | c   |                                   |     |                                     |     | 4.8E+00                         | c   |            | 5.8E-03                |                       |  |
| 1.7E-03                                    | P   |  |     | 6.0E-02                      | P   |                                       |         |    |       | 1     | 0.1  |                          |     | Dimethyl methylphosphonate             | 756-79-6   | 2.9E+02               | c*  | 1.0E+03                 | c*  |                                   |     |                                     |     | 4.0E+01                         | c*  |            | 8.3E-03                |                       |  |
| 4.6E+00                                    | C   | 1.3E-03                                | C   |                              |     |                                       |         |    |       | 1     | 0.1  |                          |     | Dimethylamino azobenzene [p-]          | 60-11-7    | 1.1E-01               | c   | 3.7E-01                 | c   | 1.9E-03                           | c   | 9.4E-03                             | c   | 1.5E-02                         | c   |            | 6.2E-05                |                       |  |
| 5.8E-01                                    | H   |  |     |                              |     |                                       |         |    |       | 1     | 0.1  |                          |     | Dimethylaniline HCl, 2,4-              | 21436-96-4 | 8.4E-01               | c   | 3.0E+00                 | c   |                                   |     |                                     |     | 1.2E-01                         | c   |            | 6.6E-05                |                       |  |
| 7.5E-01                                    | H   |  |     |                              |     |                                       |         |    |       | 1     | 0.1  |                          |     | Dimethylaniline, 2,4-                  | 95-68-1    | 6.5E-01               | c   | 2.3E+00                 | c   |                                   |     |                                     |     | 9.0E-02                         | c   |            | 5.1E-05                |                       |  |
|  |     |  |     | 2.0E-03                      | I   |                                       |         | V  |       | 1     |      | 8.3E+02                  |     | Dimethylaniline, N,N-                  | 121-69-7   | 1.6E+02               | n   | 2.0E+03                 | ns  |                                   |     |                                     |     | 7.3E+01                         | n   |            | 2.6E-02                |                       |  |
| 1.1E+01</                                  |     |  |     |                              |     |                                       |         |    |       |       |      |                          |     |  |            |                       |     |                         |     |                                   |     |                                     |     |                                 |     |            |                        |                       |  |

Regional Screening Level (RSL) Summary Table November 2010

| Toxicity and Chemical-specific Information |     |   |     |                                 |     |   |     |              |              |       |     |                             |                                      |             | Contaminant              |     | Screening Levels           |     |                                      |     |  |     |                    |     |               |                              | Protection of Ground Water SSLs |  |
|--|-----|---|-----|---------------------------------|-----|---|-----|--------------|--------------|-------|-----|-----------------------------|--------------------------------------|-------------|--------------------------|-----|----------------------------|-----|--------------------------------------|-----|--|-----|--------------------|-----|---------------|------------------------------|---------------------------------|--|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | key | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | key | RFD <sub>o</sub><br>(mg/kg-day) | key | RF <sub>C</sub><br>(mg/m <sup>3</sup> ) | key | Volu-<br>gen | muta-<br>gen | GIABS | ABS | C <sub>sat</sub><br>(mg/kg) | Analyte                              | CAS No.     | Resident Soil<br>(mg/kg) | key | Industrial Soil<br>(mg/kg) | key | Resident Air<br>(ug/m <sup>3</sup> ) | key | Industrial Air<br>(ug/m <sup>3</sup> ) | key | Tapwater<br>(ug/L) | key | MCL<br>(ug/L) | Risk-based<br>SSL<br>(mg/kg) | MCL-based<br>SSL<br>(mg/kg)     |  |
| 6.8E-01                                    | I   |   |     |                                 |     |   |     |              |              |       | 1   | 0.1                         | Dinitrotoluene Mixture, 2,4/2,6-     | 25321-14-6  | 7.1E-01                  | c   | 2.5E+00                    | c   |                                      |     |  |     | 9.9E-02            | c   |               |                              | 1.4E-04                         |  |
| 3.1E-01                                    | C   | 8.9E-05                                   | C   | 2.0E-03                         | I   |   |     |              |              |       | 1   | 0.102                       | Dinitrotoluene, 2,4-                 | 121-14-2    | 1.6E+00                  | c*  | 5.5E+00                    | c   | 2.7E-02                              | c   | 1.4E-01                                | c   | 2.2E-01            | c   |               | 2.9E-04                      |                                 |  |
|  |     |   |     | 1.0E-03                         | P   |   |     |              |              |       | 1   | 0.099                       | Dinitrotoluene, 2,6-                 | 606-20-2    | 6.1E+01                  | n   | 6.2E+02                    | n   |                                      |     |  |     | 3.7E+01            | n   |               | 5.0E-02                      |                                 |  |
|  |     |   |     | 2.0E-03                         | S   |   |     |              |              |       | 1   | 0.006                       | Dinitrotoluene, 2-Amino-4,6-         | 35572-78-2  | 1.5E+02                  | n   | 2.0E+03                    | n   |                                      |     |  |     | 7.3E+01            | n   |               | 5.6E-02                      |                                 |  |
|  |     |   |     | 2.0E-03                         | S   |   |     |              |              |       | 1   | 0.009                       | Dinitrotoluene, 4-Amino-2,6-         | 19406-51-0  | 1.5E+02                  | n   | 1.9E+03                    | n   |                                      |     |  |     | 7.3E+01            | n   |               | 5.6E-02                      |                                 |  |
|  |     |   |     | 1.0E-03                         | I   |   |     |              |              |       | 1   | 0.1                         | Dinoseb                              | 88-85-7     | 6.1E+01                  | n   | 6.2E+02                    | n   |                                      |     |  |     | 3.7E+01            | n   | 7.0E+00       | 3.2E-01                      | 6.2E-02                         |  |
| 1.0E-01                                    | I   | 7.7E-06                                   | C   | 3.0E-02                         | I   | 3.6E+00                                 | A   |              |              |       | 1   | 0.1                         | Dioxane, 1,4-                        | 123-91-1    | 4.9E+00                  | c   | 1.7E+01                    | c   | 3.2E-01                              | c   | 1.6E+00                                | c   | 6.7E-01            | c   |               | 1.4E-04                      |                                 |  |
|  |     |   |     |                                 |     |   |     |              |              |       |     |                             | <b>Dioxins</b>                       |             |                          |     |                            |     |                                      |     |  |     |                    |     |               |                              |                                 |  |
| 6.2E+03                                    | I   | 1.3E+00                                   | I   |                                 |     |   |     |              |              |       | 1   | 0.03                        | *Hexachlorodibenzo-p-dioxin, Mixture | NA          | 9.4E-05                  | c   | 3.9E-04                    | c   | 1.9E-06                              | c   | 9.4E-06                                | c   | 1.1E-05            | c   |               | 9.0E-06                      |                                 |  |
| 1.3E+05                                    | C   | 3.8E+01                                   | C   | 1.0E-09                         | A   | 4.0E-08                                 | C   |              |              |       | 1   | 0.03                        | *TCDD, 2,3,7,8-                      | 1746-01-6   | 4.5E-06                  | c*  | 1.8E-05                    | c*  | 6.4E-08                              | c   | 3.2E-07                                | c   | 5.2E-07            | c*  | 3.0E-05       | 2.6E-07                      | 1.5E-05                         |  |
|  |     |   |     | 3.0E-02                         | I   |   |     |              |              |       | 1   | 0.1                         | Diphenamid                           | 957-51-7    | 1.8E+03                  | n   | 1.8E+04                    | n   |                                      |     |  |     | 1.1E+03            | n   |               | 1.1E+01                      |                                 |  |
|  |     |   |     | 8.0E-04                         | X   |   |     |              |              |       | 1   | 0.1                         | Diphenyl Sulfone                     | 127-63-9    | 4.9E+01                  | n   | 4.9E+02                    | n   |                                      |     |  |     | 2.9E+01            | n   |               | 7.1E-02                      |                                 |  |
|  |     |   |     | 2.5E-02                         | I   |   |     |              |              |       | 1   | 0.1                         | Diphenylamine                        | 122-39-4    | 1.5E+03                  | n   | 1.5E+04                    | n   |                                      |     |  |     | 9.1E+02            | n   |               | 1.7E+00                      |                                 |  |
| 8.0E-01                                    | I   | 2.2E-04                                   | I   |                                 |     |   |     |              |              |       | 1   | 0.1                         | Diphenylhydrazine, 1,2-              | 122-66-7    | 6.1E-01                  | c   | 2.2E+00                    | c   | 1.1E-02                              | c   | 5.6E-02                                | c   | 8.4E-02            | c   |               | 2.7E-04                      |                                 |  |
|  |     |   |     | 2.2E-03                         | I   |   |     |              |              |       | 1   | 0.1                         | Diquat                               | 85-00-7     | 1.3E+02                  | n   | 1.4E+03                    | n   |                                      |     |  |     | 8.0E+01            | n   | 2.0E+01       | 1.5E+00                      | 3.7E-01                         |  |
| 7.4E+00                                    | C   | 2.1E-03                                   | C   |                                 |     |   |     |              |              |       | 1   | 0.1                         | Direct Black 38                      | 1937-37-7   | 6.6E-02                  | c   | 2.3E-01                    | c   | 1.2E-03                              | c   | 5.8E-03                                | c   | 9.1E-03            | c   |               | 4.4E+00                      |                                 |  |
| 7.4E+00                                    | C   | 2.1E-03                                   | C   |                                 |     |   |     |              |              |       | 1   | 0.1                         | Direct Blue 6                        | 2602-46-2   | 6.6E-02                  | c   | 2.3E-01                    | c   | 1.2E-03                              | c   | 5.8E-03                                | c   | 9.1E-03            | c   |               | 1.4E+01                      |                                 |  |
| 6.7E+00                                    | C   | 1.9E-03                                   | C   |                                 |     |   |     |              |              |       | 1   | 0.1                         | Direct Brown 95                      | 16071-86-6  | 7.2E-02                  | c   | 2.6E-01                    | c   | 1.3E-03                              | c   | 6.5E-03                                | c   | 1.0E-02            | c   |               | 2.7E-03                      |                                 |  |
|  |     |   |     | 4.0E-05                         | I   |   |     |              |              |       | 1   | 0.1                         | Disulfoton                           | 298-04-4    | 2.4E+00                  | n   | 2.5E+01                    | n   |                                      |     |  |     | 1.5E+00            | n   |               | 2.7E-03                      |                                 |  |
|  |     |   |     | 1.0E-02                         | I   |   |     |              |              |       | 1   | 0.1                         | Dithiane, 1,4-                       | 505-29-3    | 6.1E+02                  | n   | 6.2E+03                    | n   |                                      |     |  |     | 3.7E+02            | n   |               | 1.8E-01                      |                                 |  |
|  |     |   |     | 2.0E-03                         | I   |   |     |              |              |       | 1   | 0.1                         | Diuron                               | 330-54-1    | 1.2E+02                  | n   | 1.2E+03                    | n   |                                      |     |  |     | 7.3E+01            | n   |               | 3.1E-02                      |                                 |  |
|  |     |   |     | 4.0E-03                         | I   |   |     |              |              |       | 1   | 0.1                         | Dodine                               | 2439-10-3   | 2.4E+02                  | n   | 2.5E+03                    | n   |                                      |     |  |     | 1.5E+02            | n   |               | 7.5E-01                      |                                 |  |
|  |     |   |     | 2.5E-02                         | I   |   |     | V            |              |       | 1   | 4.1E+02                     | EPTC                                 | 759-94-4    | 2.0E+03                  | ns  | 2.6E+04                    | ns  |                                      |     |  |     | 9.1E+02            | n   |               | 4.8E-01                      |                                 |  |
|  |     |   |     | 6.0E-03                         | I   |   |     |              |              |       | 1   | 0.1                         | Endosulfan                           | 115-29-7    | 3.7E+02                  | n   | 3.7E+03                    | n   |                                      |     |  |     | 2.2E+02            | n   |               | 3.0E+00                      |                                 |  |
|  |     |   |     | 2.0E-02                         | I   |   |     |              |              |       | 1   | 0.1                         | Endothall                            | 145-73-3    | 1.2E+03                  | n   | 1.2E+04                    | n   |                                      |     |  |     | 7.3E+02            | n   | 1.0E+02       | 1.7E-01                      | 2.4E-02                         |  |
|  |     |   |     | 3.0E-04                         | I   |   |     |              |              |       | 1   | 0.1                         | Endrin                               | 72-20-8     | 1.8E+01                  | n   | 1.8E+02                    | n   |                                      |     |  |     | 1.1E+01            | n   | 2.0E+00       | 4.4E-01                      | 8.1E-02                         |  |
| 9.9E-03                                    | I   | 1.2E-06                                   | I   | 6.0E-03                         | P   | 1.0E-03                                 | I   | V            |              |       | 1   | 1.1E+04                     | Epichlorohydrin                      | 106-89-8    | 2.0E+01                  | n   | 8.8E+01                    | n   | 1.0E+00                              | n   | 4.4E+00                                | n   | 2.1E+00            | n   |               | 4.5E-04                      |                                 |  |
|  |     |   |     | 2.0E-02                         | I   | V                                       |     |              |              |       | 1   | 1.5E+04                     | Epoxybutane, 1,2-                    | 106-88-7    | 1.7E+02                  | n   | 7.2E+02                    | n   | 2.1E+01                              | n   | 8.8E+01                                | n   | 4.2E+01            | n   |               | 9.2E-03                      |                                 |  |
|  |     |   |     | 5.0E-03                         | I   |   |     |              |              |       | 1   | 0.1                         | Ethephon                             | 16672-87-0  | 3.1E+02                  | n   | 3.1E+03                    | n   |                                      |     |  |     | 1.8E+02            | n   |               | 3.8E-02                      |                                 |  |
|  |     |   |     | 5.0E-04                         | I   |   |     |              |              |       | 1   | 0.1                         | Ethion                               | 563-12-2    | 3.1E+01                  | n   | 3.1E+02                    | n   |                                      |     |  |     | 1.8E+01            | n   |               | 3.6E-02                      |                                 |  |
|  |     |   |     | 3.0E-01                         | H   | 3.0E-01                                 | C   |              |              |       | 1   | 0.1                         | Ethoxyethanol Acetate, 2-            | 111-15-9    | 1.8E+04                  | n   | 1.8E+05                    | nm  | 3.1E+02                              | n   | 1.3E+03                                | n   | 1.1E+04            | n   |               | 2.3E+00                      |                                 |  |
|  |     |   |     | 4.0E-01                         | H   | 2.0E-01                                 | I   |              |              |       | 1   | 0.1                         | Ethoxyethanol, 2-                    | 110-80-5    | 2.4E+04                  | n   | 2.5E+05                    | nm  | 2.1E+02                              | n   | 8.8E+02                                | n   | 1.5E+04            | n   |               | 2.9E+00                      |                                 |  |
|  |     |   |     | 9.0E-01                         | I   |   |     | V            |              |       | 1   | 1.1E+04                     | Ethyl Acetate                        | 141-78-6    | 7.0E+04                  | ns  | 9.2E+05                    | nms |                                      |     |  |     | 3.3E+04            | n   |               | 7.0E+00                      |                                 |  |
| 4.8E-02                                    | H   |   |     |                                 |     |   |     | V            |              |       | 1   | 2.5E+03                     | Ethyl Acrylate                       | 140-88-5    | 1.3E+01                  | c   | 6.0E+01                    | c   |                                      |     |  |     | 1.4E+00            | c   |               | 3.1E-04                      |                                 |  |
|  |     |   |     | 1.0E+01                         | I   | V                                       |     |              |              |       | 1   | 2.1E+03                     | Ethyl Chloride                       | 75-00-3     | 1.5E+04                  | ns  | 6.1E+04                    | ns  | 1.0E+04                              | n   | 4.4E+04                                | n   | 2.1E+04            | n   |               | 5.9E+00                      |                                 |  |
|  |     |   |     | 2.0E-01                         | I   | V                                       |     |              |              |       | 1   | 1.0E+04                     | Ethyl Ether                          | 60-29-7     | 1.6E+04                  | ns  | 2.0E+05                    | nms |                                      |     |  |     | 7.3E+03            | n   |               | 1.6E+00                      |                                 |  |
|  |     |   |     | 9.0E-02                         | H   | V                                       |     |              |              |       | 1   | 1.1E+03                     | Ethyl Methacrylate                   | 97-63-2     | 7.0E+03                  | ns  | 9.2E+04                    | ns  |                                      |     |  |     | 3.3E+03            | n   |               | 7.7E-01                      |                                 |  |
|  |     |   |     | 1.0E-05                         | I   |   |     |              |              |       | 1   | 0.1                         | Ethyl-p-nitrophenyl Phosphonate      | 2104-64-5   | 6.1E-01                  | n   | 6.2E+00                    | n   |                                      |     |  |     | 3.7E-01            | n   |               | 1.1E-02                      |                                 |  |
| 1.1E-02                                    | C   | 2.5E-06                                   | C   | 1.0E-01                         | I   | 1.0E+00                                 | I   | V            |              |       | 1   | 4.8E+02                     | Ethylbenzene                         | 100-41-4    | 5.4E+00                  | c   | 2.7E+01                    | c   | 9.7E-01                              | c   | 4.9E+00                                | c   | 1.5E+00            | c   | 7.0E+02       | 1.7E-03                      | 7.8E-01                         |  |
|  |     |   |     | 3.0E-02                         | P   |   |     |              |              |       | 1   | 0.1                         | Ethylene Cyanohydrin                 | 109-78-4    | 1.8E+03                  | n   | 1.8E+04                    | n   |                                      |     |  |     | 1.1E+03            | n   |               | 2.2E-01                      |                                 |  |
|  |     |   |     | 9.0E-02                         | P   |   |     |              |              |       | 1   | 0.1                         | Ethylene Diamine                     | 107-15-3    | 5.5E+03                  | n   | 5.5E+04                    | n   |                                      |     |  |     | 3.3E+03            | n   |               | 7.5E-01                      |                                 |  |
|  |     |   |     | 2.0E+00                         | I   | 4.0E-01                                 | C   |              |              |       | 1   | 0.1                         | Ethylene Glycol                      | 107-21-1    | 1.2E+05                  | nm  | 1.2E+06                    | nm  | 4.2E+02                              | n   | 1.8E+03                                | n   | 7.3E+04            | n   |               | 1.5E+01                      |                                 |  |
|  |     |   |     | 1.0E-01                         | I   | 1.6E+00                                 | I   |              |              |       | 1   | 0.1                         | Ethylene Glycol Monobutyl Ether      | 111-76-2    | 6.1E+03                  | n   | 6.2E+04                    | n   | 1.7E+03                              | n   | 7.0E+03                                | n   | 3.7E+03            | n   |               | 7.5E-01                      |                                 |  |
| 3.1E-01                                    | C   | 8.8E-05                                   | C   |                                 |     |   |     | 3.0E-02      | C            | V     | 1   | 1.2E+05                     | Ethylene Oxide                       | 75-21-8     | 1.7E-01                  | c   | 8.3E-01                    | c   | 2.8E-02                              | c   | 1.4E-01                                | c   | 4.4E-02            | c   |               | 9.1E-06                      |                                 |  |
| 4.5E-02                                    | C   | 1.3E-05                                   | C   | 8.0E-05                         | I   |   |     |              |              |       | 1   | 0.1                         | Ethylene Thiourea                    | 96-45-7     | 4.9E+00                  | n   | 3.8E+01                    | c** | 1.9E-01                              | c   | 9.4E-01                                | c   | 1.5E+00            | c** |               | 3.4E-04                      |                                 |  |
| 6.5E+01                                    | C   | 1.9E-02                                   | C   |                                 |     |   |     |              |              |       | 1   | 0.1                         | Ethyleneimine                        | 151-56-4    | 7.5E-03                  | c   | 2.7E-02                    | c   | 1.3E-04                              | c   | 6.5E-04                                | c   | 1.0E-03            | c   |               | 2.3E-07                      |                                 |  |
|  |     |   |     | 3.0E+00                         | I   |   |     |              |              |       | 1   | 0.1                         | Ethylphthalyl Ethyl Glycolate        | 84-72-0     | 1.8E+05                  | nm  | 1.8E+06                    | nm  |                                      |     |  |     | 1.1E+05            | n   |               | 2.5E+02                      |                                 |  |
|  |     |   |     | 8.0E-03                         | I   |   |     |              |              |       | 1   | 0.1                         | Express                              | 101200-48-0 | 4.9E+02                  | n   | 4.9E+03                    | n   |                                      |     |  |     | 2.9E+02            | n   |               | 1.1E-01                      |                                 |  |
|  |     |   |     | 2.5E-04                         | I   |   |     |              |              |       | 1   | 0.1                         | Fenamiphos                           | 22224-92-6  | 1.5E+01                  | n   | 1.5E+02                    | n   |                                      |     |  |     | 9.1E+00            | n   |               | 9.1E-03                      |                                 |  |
|  |     |   |     | 2.5E-02                         | I   |   |     |              |              |       | 1   | 0.1                         | Fenpropathrin                        | 39515-41-8  | 1.5E+03                  | n   | 1.5E+04                    | n   |                                      |     |  |     | 9.1E+02            | n   |               | 4.1E+01                      |                                 |  |
|  |     |   |     | 1.3E-02                         | I   |   |     |              |              |       | 1   | 0.1                         | Fluometuron                          | 2164-17-2   | 7.9E+02                  | n   | 8.0E+03                    | n   |                                      |     |  |     | 4.7E+02            | n   |               | 3.7E-01                      |                                 |  |
|  |     |   |     | 4.0E-02                         | C   | 1.3E-02                                 | C   |              |              |       | 1   |                             | Fluoride                             | 16984-48-8  | 3.1E+03                  | n   | 4.1E+04                    | n   | 1.4E+01                              | n   | 5.7E+01                                | n   | 1.5E+03            | n   |               |                              |                                 |  |
|  |     |   |     | 6.0E-02                         | I   | 1.3E-02                                 |     |              |              |       |     |                             |                                      |             |                          |     |                            |     |                                      |     |  |     |                    |     |               |                              |                                 |  |

Regional Screening Level (RSL) Summary Table November 2010

| Toxicity and Chemical-specific Information |     |   |     |                                 |     |   |     |    |       |       |      |                             |   | Contaminant |                          | Screening Levels |                            |     |                                      |     |  |     |                    | Protection of Ground Water SSLs |               |                              |                             |  |
|--|-----|---|-----|---------------------------------|-----|---|-----|----|-------|-------|------|-----------------------------|---|-------------|--------------------------|------------------|----------------------------|-----|--------------------------------------|-----|--|-----|--------------------|---------------------------------|---------------|------------------------------|-----------------------------|--|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | key | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | key | RFD <sub>o</sub><br>(mg/kg-day) | key | RFCD <sub>i</sub><br>(mg/m <sup>3</sup> ) | key | vo | muta- | GIABS | ABS  | C <sub>sat</sub><br>(mg/kg) | Analyte   | CAS No.     | Resident Soil<br>(mg/kg) | key              | Industrial Soil<br>(mg/kg) | key | Resident Air<br>(ug/m <sup>3</sup> ) | key | Industrial Air<br>(ug/m <sup>3</sup> ) | key | Tapwater<br>(ug/L) | key                             | MCL<br>(ug/L) | Risk-based<br>SSL<br>(mg/kg) | MCL-based<br>SSL<br>(mg/kg) |  |
| 3.8E+00                                    | H   |   |     | 1.0E-03                         | I   |   |     | V  |       |       |      | 6.2E+03                     | Furan   | 110-00-9    | 7.8E+01                  | n                | 1.0E+03                    | n   |                                      |     |  |     | 3.7E+01            | n                               |               | 1.4E-02                      |                             |  |
|  |     |   |     |                                 |     |   |     |    |       |       | 0.1  |                             | Furazolidone                                      | 67-45-8     | 1.3E-01                  | c                | 4.5E-01                    | c   |                                      |     |  |     | 1.8E-02            | c                               |               | 3.4E-05                      |                             |  |
| 1.5E+00                                    | C   | 4.3E-04                                   | C   | 3.0E-03                         | I   | 5.0E-02                                   | H   |    |       |       |      |                             | Furfural  | 98-01-1     | 1.8E+02                  | n                | 1.8E+03                    | n   | 5.2E+01                              | n   | 2.2E+02                                | n   | 1.1E+02            | n                               |               | 2.3E-02                      |                             |  |
| 3.0E-02                                    | I   | 8.6E-06                                   | C   |                                 |     |   |     |    |       |       |      |                             | Furium  | 531-82-8    | 3.2E-01                  | c                | 1.1E+00                    | c   | 5.7E-03                              | c   | 2.9E-02                                | c   | 4.5E-02            | c                               |               | 6.1E-05                      |                             |  |
|  |     |   |     |                                 |     |   |     |    |       |       | 0.1  |                             | Furmecyclox                                       | 60568-05-0  | 1.6E+01                  | c                | 5.7E+01                    | c   | 2.8E-01                              | c   | 1.4E+00                                | c   | 2.2E+00            | c                               |               | 2.4E-03                      |                             |  |
|  |     |   |     | 4.0E-04                         | I   |   |     |    |       |       |      |                             | Glufosinate, Ammonium                             | 77182-82-2  | 2.4E+01                  | n                | 2.5E+02                    | n   |                                      |     |  |     | 1.5E+01            | n                               |               | 3.2E-03                      |                             |  |
|  |     |   |     |                                 |     | 8.0E-05                                   | C   |    |       |       |      |                             | Glutaraldehyde                                    | 111-30-8    | 1.1E+05                  | nm               | 4.8E+05                    | nm  | 8.3E-02                              | n   | 3.5E-01                                | n   |                    | n                               |               |                              |                             |  |
|  |     |   |     | 4.0E-04                         | I   | 1.0E-03                                   | H   |    |       |       |      |                             | Glycidyl  | 765-34-4    | 2.4E+01                  | n                | 2.5E+02                    | n   | 1.0E+00                              | n   | 4.4E+00                                | n   | 1.5E+01            | n                               |               | 2.9E-03                      |                             |  |
|  |     |   |     | 1.0E-01                         | I   |   |     |    |       |       |      |                             | Glyphosate  | 1071-83-6   | 6.1E+03                  | n                | 6.2E+04                    | n   |                                      |     |  |     | 3.7E+03            | n                               | 7.0E+02       | 7.4E-01                      | 1.4E-01                     |  |
|  |     |   |     | 3.0E-03                         | I   |   |     |    |       |       |      |                             | Goal  | 42874-03-3  | 1.8E+02                  | n                | 1.8E+03                    | n   |                                      |     |  |     | 1.1E+02            | n                               |               | 8.8E+00                      |                             |  |
|  |     |   |     | 3.0E-03                         | A   | 1.0E-02                                   | A   |    |       |       |      |                             | Guthion   | 86-50-0     | 1.8E+02                  | n                | 1.8E+03                    | n   | 1.0E+01                              | n   | 4.4E+01                                | n   | 1.1E+02            | n                               |               | 3.3E-02                      |                             |  |
|  |     |   |     | 5.0E-05                         | I   |   |     |    |       |       |      |                             | Haloxypol, Methyl                                 | 69806-40-2  | 3.1E+00                  | n                | 3.1E+01                    | n   |                                      |     |  |     | 1.8E+00            | n                               |               | 2.0E-02                      |                             |  |
| 4.5E+00                                    | I   | 1.3E-03                                   | I   | 1.3E-02                         | I   |   |     |    |       |       |      |                             | Harmony   | 79277-27-3  | 7.9E+02                  | n                | 8.0E+03                    | n   |                                      |     |  |     | 4.7E+02            | n                               |               | 1.4E-01                      |                             |  |
|  |     |   |     | 5.0E-04                         | I   |   |     |    |       |       |      |                             | Heptachlor  | 76-44-8     | 1.1E-01                  | c                | 3.8E-01                    | c   | 1.9E-03                              | c   | 9.4E-03                                | c   | 1.5E-02            | c                               | 4.0E-01       | 1.2E-03                      | 3.3E-02                     |  |
| 9.1E+00                                    | I   | 2.6E-03                                   | I   | 1.3E-05                         | I   |   |     |    |       |       |      |                             | Heptachlor Epoxide                                | 1024-57-3   | 5.3E-02                  | c*               | 1.9E-01                    | c*  | 9.4E-04                              | c   | 4.7E-03                                | c   | 7.4E-03            | c*                              | 2.0E-01       | 1.5E-04                      | 4.1E-03                     |  |
|  |     |   |     | 2.0E-03                         | I   |   |     |    |       |       |      |                             | Hexabromobenzene                                  | 87-82-1     | 1.2E+02                  | n                | 1.2E+03                    | n   |                                      |     |  |     | 7.3E+01            | n                               |               | 4.2E-01                      |                             |  |
|  |     |   |     | 2.0E-04                         | I   |   |     |    |       |       |      |                             | Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153) | 68631-49-2  | 1.2E+01                  | n                | 1.2E+02                    | n   |                                      |     |  |     | 7.3E+00            | n                               |               |                              |                             |  |
| 1.6E+00                                    | I   | 4.6E-04                                   | I   | 8.0E-04                         | I   |   |     |    |       |       |      |                             | Hexachlorobenzene                                 | 118-74-1    | 3.0E-01                  | c                | 1.1E+00                    | c   | 5.3E-03                              | c   | 2.7E-02                                | c   | 4.2E-02            | c                               | 1.0E+00       | 5.3E-04                      | 1.3E-02                     |  |
| 7.8E-02                                    | I   | 2.2E-05                                   | I   | 1.0E-03                         | P   |   |     |    |       |       |      |                             | Hexachlorobutadiene                               | 87-68-3     | 6.2E+00                  | c**              | 2.2E+01                    | c*  | 1.1E-01                              | c   | 5.6E-01                                | c   | 8.6E-01            | c*                              |               | 1.7E-03                      |                             |  |
| 6.3E+00                                    | I   | 1.8E-03                                   | I   | 8.0E-03                         | A   |   |     |    |       |       |      |                             | Hexachlorocyclohexane, Alpha-                     | 319-84-6    | 7.7E-02                  | c                | 2.7E-01                    | c   | 1.4E-03                              | c   | 6.8E-03                                | c   | 1.1E-02            | c                               |               | 6.2E-05                      |                             |  |
| 1.8E+00                                    | I   | 5.3E-04                                   | I   |                                 |     |   |     |    |       |       |      |                             | Hexachlorocyclohexane, Beta-                      | 319-85-7    | 2.7E-01                  | c                | 9.6E-01                    | c   | 4.6E-03                              | c   | 2.3E-02                                | c   | 3.7E-02            | c                               |               | 2.2E-04                      |                             |  |
| 1.1E+00                                    | C   | 3.1E-04                                   | C   | 3.0E-04                         | I   |   |     |    |       |       | 0.04 |                             | Hexachlorocyclohexane, Gamma-(Lindane)            | 58-89-9     | 5.2E-01                  | c*               | 2.1E+00                    | c   | 7.8E-03                              | c   | 4.0E-02                                | c   | 6.1E-02            | c                               | 2.0E-01       | 3.6E-04                      | 1.2E-03                     |  |
| 1.8E+00                                    | I   | 5.1E-04                                   | I   |                                 |     |   |     |    |       |       |      |                             | Hexachlorocyclohexane, Technical                  | 608-73-1    | 2.7E-01                  | c                | 9.6E-01                    | c   | 4.8E-03                              | c   | 2.4E-02                                | c   | 3.7E-02            | c                               |               | 2.2E-04                      |                             |  |
|  |     |   |     | 6.0E-03                         | I   | 2.0E-04                                   | I   |    |       |       |      |                             | Hexachlorocyclopentadiene                         | 77-47-4     | 3.7E+02                  | n                | 3.7E+03                    | n   | 2.1E-01                              | n   | 8.8E-01                                | n   | 2.2E+02            | n                               | 5.0E+01       | 6.8E-01                      | 1.6E-01                     |  |
| 1.4E-02                                    | I   | 4.0E-06                                   | I   | 1.0E-03                         | I   |   |     |    |       |       |      |                             | Hexachloroethane                                  | 67-72-1     | 3.5E+01                  | c**              | 1.2E+02                    | c** | 6.1E-01                              | c   | 3.1E+00                                | c   | 4.8E+00            | c**                             |               | 2.9E-03                      |                             |  |
|  |     |   |     | 3.0E-04                         | I   |   |     |    |       |       |      |                             | Hexachlorophene                                   | 70-30-4     | 1.8E+01                  | n                | 1.8E+02                    | n   |                                      |     |  |     | 1.1E+01            | n                               |               | 1.5E+01                      |                             |  |
| 1.1E-01                                    | I   |   |     | 3.0E-03                         | I   |   |     |    |       | 0.015 |      |                             | Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)     | 121-82-4    | 5.5E+00                  | c*               | 2.4E+01                    | c   |                                      |     |  |     | 6.1E-01            | c                               |               | 2.3E-04                      |                             |  |
|  |     |   |     |                                 |     | 1.0E-05                                   | I   | V  |       |       |      |                             | Hexamethylene Diisocyanate, 1,6-                  | 822-06-0    | 3.4E+00                  | n                | 1.4E+01                    | n   | 1.0E-02                              | n   | 4.4E-02                                | n   | 2.1E-02            | n                               |               | 2.1E-04                      |                             |  |
|  |     |   |     | 6.0E-02                         | H   | 7.0E-01                                   | I   | V  |       |       |      |                             | Hexane, N-  | 110-54-3    | 5.7E+02                  | ns               | 2.6E+03                    | ns  | 7.3E+02                              | n   | 3.1E+03                                | n   | 8.8E+02            | n                               |               | 6.2E+00                      |                             |  |
|  |     |   |     | 2.0E+00                         | P   |   |     |    |       |       |      |                             | Hexanedioic Acid                                  | 124-04-9    | 1.2E+05                  | nm               | 1.2E+06                    | nm  |                                      |     |  |     | 7.3E+04            | n                               |               | 1.8E+01                      |                             |  |
|  |     |   |     | 5.0E-03                         | I   | 3.0E-02                                   | I   | V  |       |       |      |                             | Hexanone, 2-                                      | 591-78-6    | 2.1E+02                  | n                | 1.4E+03                    | n   | 3.1E+01                              | n   | 1.3E+02                                | n   | 4.7E+01            | n                               |               | 1.1E-02                      |                             |  |
|  |     |   |     | 3.3E-02                         | I   |   |     |    |       |       |      |                             | Hexazinone  | 51235-04-2  | 2.0E+03                  | n                | 2.0E+04                    | n   |                                      |     |  |     | 1.2E+03            | n                               |               | 5.5E-01                      |                             |  |
| 3.0E+00                                    | I   | 4.9E-03                                   | I   |                                 |     | 3.0E-05                                   | P   |    |       |       |      |                             | Hydrazine   | 302-01-2    | 2.1E-01                  | c                | 9.5E-01                    | c   | 5.0E-04                              | c*  | 2.5E-03                                | c*  | 2.2E-02            | c                               |               |                              |                             |  |
| 3.0E+00                                    | I   | 4.9E-03                                   | I   |                                 |     |   |     |    |       |       |      |                             | Hydrazine Sulfate                                 | 10034-93-2  | 2.1E-01                  | c                | 9.5E-01                    | c   | 5.0E-04                              | c   | 2.5E-03                                | c   | 2.2E-02            | c                               |               |                              |                             |  |
|  |     |   |     |                                 |     | 2.0E-02                                   | I   |    |       |       |      |                             | Hydrogen Chloride                                 | 7647-01-0   | 2.8E+07                  | nm               | 1.2E+08                    | nm  | 2.1E+01                              | n   | 8.8E+01                                | n   |                    | n                               |               |                              |                             |  |
|  |     |   |     | 4.0E-02                         | C   | 1.4E-02                                   | C   |    |       |       |      |                             | Hydrogen Fluoride                                 | 7664-39-3   | 3.1E+03                  | n                | 4.1E+04                    | n   | 1.5E+01                              | n   | 6.1E+01                                | n   | 1.5E+03            | n                               |               |                              |                             |  |
| 6.0E-02                                    | P   |   |     |                                 |     | 2.0E-03                                   | I   |    |       |       |      |                             | Hydrogen Sulfide                                  | 7783-06-4   | 2.8E+06                  | nm               | 1.2E+07                    | nm  | 2.1E+00                              | n   | 8.8E+00                                | n   |                    | n                               |               |                              |                             |  |
|  |     |   |     | 4.0E-02                         | P   |   |     |    |       |       |      |                             | Hydroquinone                                      | 123-31-9    | 8.1E+00                  | c                | 2.9E+01                    | c   |                                      |     |  |     | 1.1E+00            | c                               |               | 7.6E-04                      |                             |  |
|  |     |   |     | 1.3E-02                         | I   |   |     |    |       |       |      |                             | Imazalil  | 35554-44-0  | 7.9E+02                  | n                | 8.0E+03                    | n   |                                      |     |  |     | 4.7E+02            | n                               |               | 8.2E+00                      |                             |  |
|  |     |   |     | 2.5E-01                         | I   |   |     |    |       |       |      |                             | Imazaquin   | 81335-37-7  | 1.5E+04                  | n                | 1.5E+05                    | nm  |                                      |     |  |     | 9.1E+03            | n                               |               | 4.5E+01                      |                             |  |
|  |     |   |     | 1.0E-02                         | A   |   |     |    |       |       |      |                             | Iodine  | 7553-56-2   | 7.8E+02                  | n                | 1.0E+04                    | n   |                                      |     |  |     | 3.7E+02            | n                               |               |                              |                             |  |
|  |     |   |     | 4.0E-02                         | I   |   |     |    |       |       |      |                             | Iprodione   | 36734-19-7  | 2.4E+03                  | n                | 2.5E+04                    | n   |                                      |     |  |     | 1.5E+03            | n                               |               | 4.5E-01                      |                             |  |
|  |     |   |     | 7.0E-01                         | P   |   |     |    |       |       |      |                             | Iron  | 7439-89-6   | 5.5E+04                  | n                | 7.2E+05                    | nm  |                                      |     |  |     | 2.6E+04            | n                               |               | 6.4E-02                      |                             |  |
|  |     |   |     | 3.0E-01                         | I   |   |     | V  |       |       |      | 1.0E+04                     | Isobutyl Alcohol                                  | 78-83-1     | 2.3E+04                  | ns               | 3.1E+05                    | nms |                                      |     |  |     | 1.1E+04            | n                               |               | 2.3E+00                      |                             |  |
| 9.5E-04                                    | I   |   |     | 2.0E-01                         | I   | 2.0E+00                                   | C   |    |       |       |      |                             | Isophorone  | 78-59-1     | 5.1E+02                  | c*               | 1.8E+03                    | c*  | 2.1E+03                              | n   | 8.8E+03                                | n   | 7.1E+01            | c                               |               | 2.3E-02                      |                             |  |
|  |     |   |     | 1.5E-02                         | I   |   |     |    |       |       |      |                             | Isopropalin                                       | 33820-53-0  | 9.2E+02                  | n                | 9.2E+03                    | n   |                                      |     |  |     | 5.5E+02            | n                               |               | 1.3E+01                      |                             |  |
|  |     |   |     |                                 |     | 7.0E+00                                   | C   |    |       |       |      |                             | Isopropanol                                       | 67-63-0     | 9.9E+09                  | nm               | 4.2E+10                    | nm  | 7.3E+03                              | n   | 3.1E+04                                | n   |                    | n                               |               |                              |                             |  |
|  |     |   |     | 1.0E-01                         | I   |   |     |    |       |       |      |                             | Isopropyl Methyl Phosphonic Acid                  | 1832-54-8   | 6.1E+03                  | n                | 6.2E+04                    | n   |                                      |     |  |     | 3.7E+03            | n                               |               | 7.9E-01                      |                             |  |
|  |     |   |     | 5.0E-02                         | I   |   |     |    |       |       |      |                             | Isoxaben  | 82558-50-7  | 3.1E+03                  | n                | 3.1E+04                    | n   |                                      |     |  |     | 7.3E+03            | n                               |               | 5.0E+00                      |                             |  |
|  |     |   |     |                                 |     | 3.0E-01                                   | A   | V  |       |       |      |                             | JP-7  | NA          | 4.3E+08                  | nm               | 1.8E+09                    | nm  | 3.1E+02                              | n   | 1.3E+03                                | n   | 6.3E+02            | n                               |               |                              |                             |  |
|  |     |   |     | 7.5E-02                         | I   |   |     |    |       |       |      |                             | Kerb  | 23950-58-5  | 4.6E+03                  | n                | 4.6E+04                    | n   |                                      |     |  |     | 2.7E+03            | n                               |               | 2.8E+00                      |                             |  |
|  |     |   |     | 2.0E-03                         | I   |   |     |    |       |       |      |                             | Lactofen  | 77501-63-4  | 1.2E+02                  | n                | 1.2E+03                    | n   |                                      |     |  |     | 7.3E+01            | n                               |               | 3.4E+00                      |                             |  |
|  |     |   |     | <b>Lead Compounds</b>           |     |   |     |    |       |       |      |                             |   |             |                          |                  |                            |     |                                      |     |  |     |                    |                                 |               |                              |                             |  |
| 2.8E-01                                    | C   | 8.0E-05                                   | C   |                                 |     |   |     |    |       |       |      |                             | ~Lead acetate                                     | 301-04-2    | 1.7E+00                  | c                | 6.2E+00                    | c   | 3.0E-02                              | c   |  |     |                    |                                 |               |                              |                             |  |



Regional Screening Level (RSL) Summary Table November 2010

| Toxicity and Chemical-specific Information |     |   |     |                                 |     |  |     |    |       |       |     |                             | Contaminant                                   |            | Screening Levels         |     |                            |     |                                      |     |  |     | Protection of Ground Water SSLs |     |               |                              |                             |
|--|-----|---|-----|---------------------------------|-----|--|-----|----|-------|-------|-----|-----------------------------|---|------------|--------------------------|-----|----------------------------|-----|--------------------------------------|-----|--|-----|---------------------------------|-----|---------------|------------------------------|-----------------------------|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | key | IUR<br>(ug/m <sup>3</sup> -day) <sup>-1</sup> | key | RFD <sub>o</sub><br>(mg/kg-day) | key | RF <sub>C1</sub><br>(mg/m <sup>3</sup> ) | key | vo | muta- | GIABS | ABS | C <sub>sat</sub><br>(mg/kg) | Analyte                                       | CAS No.    | Resident Soil<br>(mg/kg) | key | Industrial Soil<br>(mg/kg) | key | Resident Air<br>(ug/m <sup>3</sup> ) | key | Industrial Air<br>(ug/m <sup>3</sup> ) | key | Tapwater<br>(ug/L)              | key | MCL<br>(ug/L) | Risk-based<br>SSL<br>(mg/kg) | MCL-based<br>SSL<br>(mg/kg) |
| 1.0E-01                                    | I   | 7.0E-04                                       | C   |                                 |     |  |     |    |       | 1     | 0.1 |                             | Maleic Anhydride                              | 108-31-6   | 6.1E+03                  | n   | 6.1E+04                    | n   | 7.3E-01                              | n   | 3.1E+00                                | n   | 3.7E+03                         | n   |               | 7.4E-01                      |                             |
| 5.0E-01                                    | I   |   |     |                                 |     |  |     |    |       | 1     | 0.1 |                             | Maleic Hydrazide                              | 123-33-1   | 3.1E+04                  | n   | 3.1E+05                    | nm  |                                      |     |  |     | 1.8E+04                         | n   |               | 3.8E+00                      |                             |
| 1.0E-04                                    | P   |   |     |                                 |     |  |     |    |       | 1     | 0.1 |                             | Malononitrile                                 | 109-77-3   | 6.1E+00                  | n   | 6.2E+01                    | n   |                                      |     |  |     | 3.7E+00                         | n   |               | 7.5E-04                      |                             |
| 3.0E-02                                    | H   |   |     |                                 |     |  |     |    |       | 1     | 0.1 |                             | Mancozeb                                      | 8018-01-7  | 1.8E+03                  | n   | 1.8E+04                    | n   |                                      |     |  |     | 1.1E+03                         | n   |               | 1.5E+00                      |                             |
| 5.0E-03                                    | I   |   |     |                                 |     |  |     |    |       | 1     | 0.1 |                             | Maneb   | 12427-38-2 | 3.1E+02                  | n   | 3.1E+03                    | n   |                                      |     |  |     | 1.8E+02                         | n   |               | 2.6E-01                      |                             |
| 1.4E-01                                    | I   | 5.0E-05                                       | I   |                                 |     |  |     |    |       | 1     |     |                             | Manganese (Diet)                              | 7439-96-5  |                          |     |                            |     |                                      |     |  |     |                                 |     |               |                              |                             |
| 2.4E-02                                    | S   | 5.0E-05                                       | I   |                                 |     |  |     |    |       | 0.04  |     |                             | Manganese (Non-diet)                          | 7439-96-5  | 1.8E+03                  | n   | 2.3E+04                    | n   | 5.2E-02                              | n   | 2.2E-01                                | n   | 8.8E+02                         | n   |               | 5.7E+01                      |                             |
| 9.0E-05                                    | H   |   |     |                                 |     |  |     |    |       | 1     | 0.1 |                             | Mepfosolan                                    | 950-10-7   | 5.5E+00                  | n   | 5.5E+01                    | n   |                                      |     |  |     | 3.3E+00                         | n   |               | 4.8E-03                      |                             |
| 3.0E-02                                    | I   |   |     |                                 |     |  |     |    |       | 1     | 0.1 |                             | Mepiquat Chloride                             | 24307-26-4 | 1.8E+03                  | n   | 1.8E+04                    | n   |                                      |     |  |     | 1.1E+03                         | n   |               | 3.6E-01                      |                             |
| 3.0E-04                                    | I   | 3.0E-05                                       | C   |                                 |     |  |     |    |       | 0.07  |     |                             | <b>Mercury Compounds</b>                      |            |                          |     |                            |     |                                      |     |  |     |                                 |     |               |                              |                             |
| 1.6E-04                                    | C   | 3.0E-04                                       | I V |                                 |     |  |     |    |       | 1     |     | 3.1E+00                     | *Mercuric Chloride (and other Mercury salts)  | 7487-94-7  | 2.3E+01                  | n   | 3.1E+02                    | n   | 3.1E-02                              | n   | 1.3E-01                                | n   | 1.1E+01                         | n   | 2.0E+00       | 3.0E-02                      | 1.0E-01                     |
|  |     |   |     |                                 |     |  |     |    |       | 1     |     |                             | *Mercury (elemental)                          | 7439-97-6  | 5.6E+00                  | ns  | 3.4E+01                    | ns  | 3.1E-01                              | n   | 1.3E+00                                | n   | 5.7E-01                         | n   | 2.0E+00       |                              |                             |
| 1.0E-04                                    | I   |   |     |                                 |     |  |     |    |       | 1     |     |                             | *Methyl Mercury                               | 22967-92-6 | 7.8E+00                  | n   | 1.0E+02                    | n   |                                      |     |  |     | 3.7E+00                         | n   |               | 9.1E-04                      |                             |
| 8.0E-05                                    | I   |   |     |                                 |     |  |     |    |       | 1     | 0.1 |                             | *Phenylmercuric Acetate                       | 62-38-4    | 4.9E+00                  | n   | 4.9E+01                    | n   |                                      |     |  |     | 2.9E+00                         | n   |               | 1.1E-01                      |                             |
| 3.0E-05                                    | I   |   |     |                                 |     |  |     |    |       | 1     | 0.1 |                             | Merphos                                       | 150-50-5   | 1.8E+00                  | n   | 1.8E+01                    | n   |                                      |     |  |     | 1.1E+00                         | n   |               |                              |                             |
| 3.0E-05                                    | I   |   |     |                                 |     |  |     |    |       | 1     | 0.1 |                             | Merphos Oxide                                 | 78-48-8    | 1.8E+00                  | n   | 1.8E+01                    | n   |                                      |     |  |     | 1.1E+00                         | n   |               | 5.4E-03                      |                             |
| 6.0E-02                                    | I   |   |     |                                 |     |  |     |    |       | 1     | 0.1 |                             | Metalaxyl                                     | 57837-19-1 | 3.7E+03                  | n   | 3.7E+04                    | n   |                                      |     |  |     | 2.2E+03                         | n   |               | 6.1E-01                      |                             |
| 1.0E-04                                    | I   | 7.0E-04                                       | H V |                                 |     |  |     |    |       | 1     |     | 4.6E+03                     | Methacrylonitrile                             | 126-98-7   | 3.2E+00                  | n   | 1.8E+01                    | n   | 7.3E-01                              | n   | 3.1E+00                                | n   | 1.0E+00                         | n   |               | 2.4E-04                      |                             |
| 5.0E-05                                    | I   |   |     |                                 |     |  |     |    |       | 1     | 0.1 |                             | Methamidophos                                 | 10265-92-6 | 3.1E+00                  | n   | 3.1E+01                    | n   |                                      |     |  |     | 1.8E+00                         | n   |               | 3.8E-04                      |                             |
| 5.0E-01                                    | I   | 4.0E+00                                       | C   |                                 |     |  |     |    |       | 1     | 0.1 |                             | Methanol                                      | 67-56-1    | 3.1E+04                  | n   | 3.1E+05                    | nm  | 4.2E+03                              | n   | 1.8E+04                                | n   | 1.8E+04                         | n   |               | 3.7E+00                      |                             |
| 1.0E-03                                    | I   |   |     |                                 |     |  |     |    |       | 1     | 0.1 |                             | Methodathion                                  | 950-37-8   | 6.1E+01                  | n   | 6.2E+02                    | n   |                                      |     |  |     | 3.7E+01                         | n   |               | 8.9E-03                      |                             |
| 2.5E-02                                    | I   |   |     |                                 |     |  |     |    |       | 1     | 0.1 |                             | Methomyl                                      | 16752-77-5 | 1.5E+03                  | n   | 1.5E+04                    | n   |                                      |     |  |     | 9.1E+02                         | n   |               | 2.0E-01                      |                             |
| 4.9E-02                                    | C   | 1.4E-05                                       | C   |                                 |     |  |     |    |       | 1     | 0.1 |                             | Methoxy-5-nitroaniline, 2-                    | 99-59-2    | 9.9E+00                  | c   | 3.5E+01                    | c   | 1.7E-01                              | c   | 8.8E-01                                | c   | 1.4E+00                         | c   |               | 4.7E-04                      |                             |
|  |     |   |     |                                 |     |  |     |    |       | 1     | 0.1 |                             | Methoxychlor                                  | 72-43-5    | 3.1E+02                  | n   | 3.1E+03                    | n   |                                      |     |  |     | 1.8E+02                         | n   | 4.0E+01       | 9.9E+00                      | 2.2E+00                     |
| 2.0E-03                                    | H   | 9.0E-02                                       | C   |                                 |     |  |     |    |       | 1     | 0.1 |                             | Methoxyethanol Acetate, 2-                    | 110-49-6   | 1.2E+02                  | n   | 1.2E+03                    | n   | 9.4E+01                              | n   | 3.9E+02                                | n   | 7.3E+01                         | n   |               | 1.5E-02                      |                             |
| 3.0E-03                                    | P   | 2.0E-02                                       | I   |                                 |     |  |     |    |       | 1     | 0.1 |                             | Methoxyethanol, 2-                            | 109-86-4   | 1.8E+02                  | n   | 1.8E+03                    | n   | 2.1E+01                              | n   | 8.8E+01                                | n   | 1.1E+02                         | n   |               | 2.2E-02                      |                             |
| 1.0E+00                                    | H   |   | V   |                                 |     |  |     |    |       | 1     |     | 2.9E+04                     | Methyl Acetate                                | 79-20-9    | 7.8E+04                  | ns  | 1.0E+06                    | nms |                                      |     |  |     | 3.7E+04                         | n   |               | 7.5E+00                      |                             |
| 3.0E-02                                    | H   |   | V   |                                 |     |  |     |    |       | 1     |     | 6.8E+03                     | Methyl Acrylate                               | 96-33-3    | 2.3E+03                  | n   | 3.1E+04                    | ns  |                                      |     |  |     | 1.1E+03                         | n   |               | 2.3E-01                      |                             |
| 6.0E-01                                    | I   | 5.0E+00                                       | I V |                                 |     |  |     |    |       | 1     |     | 2.8E+04                     | Methyl Ethyl Ketone (2-Butanone)              | 78-93-3    | 2.8E+04                  | n   | 2.0E+05                    | nms | 5.2E+03                              | n   | 2.2E+04                                | n   | 7.1E+03                         | n   |               | 1.5E+00                      |                             |
| 8.0E-02                                    | H   | 3.0E+00                                       | I V |                                 |     |  |     |    |       | 1     |     | 3.4E+03                     | Methyl Isobutyl Ketone (4-methyl-2-pentanone) | 108-10-1   | 5.3E+03                  | ns  | 5.3E+04                    | ns  | 3.1E+03                              | n   | 1.3E+04                                | n   | 2.0E+03                         | n   |               | 4.5E-01                      |                             |
|  |     |   |     |                                 |     |  |     |    |       | 1     | 0.1 |                             | Methyl Isocyanate                             | 624-83-9   | 1.4E+06                  | nm  | 6.0E+06                    | nm  | 1.0E+00                              | n   | 4.4E+00                                | n   |                                 |     |               | 3.1E-01                      |                             |
| 1.4E+00                                    | I   | 7.0E-01                                       | I V |                                 |     |  |     |    |       | 1     |     | 2.4E+03                     | Methyl Methacrylate                           | 80-62-6    | 4.8E+03                  | ns  | 2.1E+04                    | ns  | 7.3E+02                              | n   | 3.1E+03                                | n   | 1.4E+03                         | n   |               | 1.5E-02                      |                             |
| 2.5E-04                                    | I   |   |     |                                 |     |  |     |    |       | 1     | 0.1 |                             | Methyl Parathion                              | 298-00-0   | 1.5E+01                  | n   | 1.5E+02                    | n   |                                      |     |  |     | 9.1E+00                         | n   |               | 1.5E-02                      |                             |
| 6.0E-02                                    | X   |   |     |                                 |     |  |     |    |       | 1     | 0.1 |                             | Methyl Phosphonic Acid                        | 993-13-5   | 3.7E+03                  | n   | 3.7E+04                    | n   |                                      |     |  |     | 2.2E+03                         | n   |               | 4.4E-01                      |                             |
| 9.9E-02                                    | C   | 2.8E-05                                       | C   |                                 |     |  |     |    |       | 1     | 0.1 |                             | Methyl Styrene (Mixed Isomers)                | 25013-15-4 | 2.5E+02                  | n   | 1.6E+03                    | ns  | 4.2E+01                              | n   | 1.8E+02                                | n   | 6.0E+01                         | n   |               | 9.7E-02                      |                             |
|  |     |   |     |                                 |     |  |     |    |       | 1     | 0.1 |                             | Methyl methanesulfonate                       | 66-27-3    | 4.9E+00                  | c   | 1.7E+01                    | c   | 8.7E-02                              | c   | 4.4E-01                                | c   | 6.8E-01                         | c   |               | 1.4E-04                      |                             |
| 1.8E-03                                    | C   | 2.6E-07                                       | C   |                                 |     |  |     |    |       | 1     |     | 8.9E+03                     | Methyl tert-Butyl Ether (MTBE)                | 1634-04-4  | 4.3E+01                  | c   | 2.2E+02                    | c   | 9.4E+00                              | c   | 4.7E+01                                | c   | 1.2E+01                         | c   |               | 2.8E-03                      |                             |
| 3.3E-02                                    | H   |   |     |                                 |     |  |     |    |       | 1     | 0.1 |                             | Methyl-5-Nitroaniline, 2-                     | 99-55-8    | 1.5E+01                  | c   | 5.2E+01                    | c   |                                      |     |  |     | 2.0E+00                         | c   |               | 1.1E-03                      |                             |
| 8.3E+00                                    | C   | 2.4E-03                                       | C   |                                 |     |  |     |    |       | 1     | 0.1 |                             | Methyl-N-nitro-N-nitrosoguanidine, N-         | 70-25-7    | 5.8E-02                  | c   | 2.1E-01                    | c   | 1.0E-03                              | c   | 5.1E-03                                | c   | 8.1E-03                         | c   |               | 2.8E-06                      |                             |
| 1.3E-01                                    | C   | 3.7E-05                                       | C   |                                 |     |  |     |    |       | 1     | 0.1 |                             | Methylaniline Hydrochloride, 2-               | 636-21-5   | 3.7E+00                  | c   | 1.3E+01                    | c   | 6.6E-02                              | c   | 3.3E-01                                | c   | 5.2E-01                         | c   |               | 2.2E-04                      |                             |
| 2.2E+01                                    | C   | 6.3E-03                                       | C   | 1.0E-02                         | A   |  |     |    |       | 1     | 0.1 |                             | Methylarsonic acid                            | 124-58-3   | 6.1E+02                  | n   | 6.2E+03                    | n   |                                      |     |  |     | 3.7E+02                         | n   |               | 3.7E-02                      |                             |
|  |     |   |     |                                 |     |  |     |    |       | 1     | 0.1 |                             | Methylcholanthrene, 3-                        | 56-49-5    | 2.2E-02                  | c   | 7.8E-02                    | c   | 3.9E-04                              | c   | 1.9E-03                                | c   | 3.1E-03                         | c   |               | 5.9E-03                      |                             |
| 7.5E-03                                    | I   | 4.7E-07                                       | I   | 6.0E-02                         | I   | 1.0E+00                                  | A V |    |       | 1     |     | 3.3E+03                     | Methylene Chloride                            | 75-09-2    | 1.1E+01                  | c   | 5.3E+01                    | c   | 5.2E+00                              | c   | 2.6E+01                                | c   | 4.8E+00                         | c   | 5.0E+00       | 1.2E-03                      | 1.3E-03                     |
| 1.0E-01                                    | P   | 4.3E-04                                       | C   | 2.0E-03                         | P   |  |     | M  |       | 1     | 0.1 |                             | Methylene-bis(2-chloroaniline), 4,4'-         | 101-14-4   | 1.2E+00                  | c   | 1.7E+01                    | c*  | 2.2E-03                              | c   | 2.9E-02                                | c   | 2.2E-01                         | c   |               | 2.5E-03                      |                             |
| 4.6E-02                                    | I   | 1.3E-05                                       | C   |                                 |     |  |     |    |       | 1     | 0.1 |                             | Methylene-bis(N,N-dimethyl) Aniline, 4,4'-    | 101-61-1   | 1.1E+01                  | c   | 3.7E+01                    | c   | 1.9E-01                              | c   | 9.4E-01                                | c   | 1.5E+00                         | c   |               | 8.1E-03                      |                             |
| 1.6E+00                                    | C   | 4.6E-04                                       | C   |                                 |     |  |     |    |       | 1     | 0.1 |                             | Methylenbisbenzenamine, 4,4'-                 | 101-77-9   | 3.0E-01                  | c   | 1.1E+00                    | c   | 5.3E-03                              | c   | 2.7E-02                                | c   | 4.2E-02                         | c   |               | 1.9E-04                      |                             |
|  |     |   |     |                                 |     |  |     |    |       | 1     | 0.1 |                             | Methylenediphenyl Diisocyanate                | 101-68-8   | 8.5E+05                  | nm  | 3.6E+06                    | nm  | 6.3E-01                              | n   | 2.6E+00                                | n   |                                 |     |               | 4.1E+00                      |                             |
|  |     |   |     |                                 |     |  |     |    |       | 1     | 0.1 |                             | Methylstyrene, Alpha-                         | 98-83-9    | 5.5E+03                  | ns  | 7.2E+04                    | ns  |                                      |     |  |     | 2.6E+03                         | n   |               | 4.1E+00                      |                             |
| 1.5E-01                                    | I   |   |     |                                 |     |  |     |    |       | 1     | 0.1 |                             | Metolachlor                                   | 51218-45-2 | 9.2E+03                  | n   | 9.2E+04                    | n   |                                      |     |  |     | 5.5E+03                         | n   |               | 6.4E+00                      |                             |
| 2.5E-02                                    | I   |   |     |                                 |     |  |     |    |       | 1     | 0.1 |                             | Metribuzin                                    | 21087-64-9 | 1.5E+03                  | n   | 1.5E+04                    | n   |                                      |     |  |     | 9.1E+02                         | n   |               | 2.8E-01                      |                             |
| 4.5E-06                                    | X   | 1.0E-02                                       | X   | 1.0E-01                         | P V |  |     |    |       |       |     |                             | Midrange Aliphatic Hydrocarbon Streams        | NA         | 7.8E+02                  | n   | 1.0E+04                    | n   | 5.4E-01                              | c   | 2.7E+00                                | c   | 1.1E+00                         | c   |               |                              |                             |
| 3.0E+00                                    | P   |   |     |                                 |     |  |     |    |       | 1     | 0.1 |                             | Mineral oils                                  | 8012-95-1  | 1.8E+05                  | nm  | 1.8E+06                    | nm  |                                      |     |  |     | 1.1E+05                         | n   |               | 4.3E+03                      |                             |
| 1.8E+01                                    | C   | 5.1E-03                                       | C   | 2.0E-04                         | I   |  |     |    |       | 1     | 0.1 |                             | Mirex   | 2385-85-5  | 2.7E-02                  | c   | 9.6                        |     |                                      |     |  |     |                                 |     |               |                              |                             |

Regional Screening Level (RSL) Summary Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |     |  |     |                              |     |                                       |     |         |       |       | Contaminant              |  | Screening Levels |                       |     |                         |     |                                   |     |                                     |     |                 | Protection of Ground Water SSLs |            |                        |                       |         |
|--|-----|--|-----|------------------------------|-----|---------------------------------------|-----|---------|-------|-------|--------------------------|--|------------------|-----------------------|-----|-------------------------|-----|-----------------------------------|-----|-------------------------------------|-----|-----------------|---------------------------------|------------|------------------------|-----------------------|---------|
| SFO (mg/kg-day) <sup>-1</sup>              | key | IUR (ug/m <sup>3</sup> ) <sup>-1</sup> | key | RfD <sub>o</sub> (mg/kg-day) | key | RfC <sub>i</sub> (mg/m <sup>3</sup> ) | key | mutagen | GIABS | ABS   | C <sub>sat</sub> (mg/kg) | Analyte                                | CAS No.          | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key | Resident Air (ug/m <sup>3</sup> ) | key | Industrial Air (ug/m <sup>3</sup> ) | key | Tapwater (ug/L) | key                             | MCL (ug/L) | Risk-based SSL (mg/kg) | MCL-based SSL (mg/kg) |         |
|  |     | 2.6E-04                                | C   | 2.0E-02                      | I   | 9.0E-05                               | A   |         | 0.04  |       |                          | Nickel Soluble Salts                   | 7440-02-0        | 1.5E+03               | n   | 2.0E+04                 | n   | 9.4E-03                           | c*  | 4.7E-02                             | c** | 7.3E+02         | n                               |            | 4.8E+01                |                       |         |
| 1.7E+00                                    | C   | 4.8E-04                                | I   | 5.0E-02                      | C   | 5.0E-05                               | C   |         | 0.04  |       |                          | Nickel Subsulphide                     | 12035-72-2       | 3.8E-01               | c   | 1.7E+00                 | c   | 5.1E-03                           | c*  | 2.6E-02                             | c** | 4.0E-02         | c                               |            |                        |                       |         |
|  |     | 1.6E+00                                | I   | 1.0E-01                      | I   |                                       |     |         | 1     |       |                          | Nitrate                                | 14797-55-8       | 1.3E+05               | nm  | 1.6E+06                 | nm  |                                   |     |                                     |     |                 |                                 | 1.0E+04    |                        |                       |         |
|  |     | 1.0E-01                                | I   |                              |     |                                       |     |         | 1     |       |                          | Nitrite                                | 14797-65-0       | 7.8E+03               | n   | 1.0E+05                 | nm  |                                   |     |                                     |     |                 |                                 | 1.0E+03    |                        |                       |         |
| 2.0E-02                                    | P   |  |     | 1.0E-02                      | X   | 5.0E-05                               | X   |         | 1     | 0.1   |                          | Nitroaniline, 2-                       | 88-74-4          | 6.1E+02               | n   | 6.0E+03                 | n   | 5.2E-02                           | n   | 2.2E-01                             | n   | 3.7E+02         | n                               |            | 1.5E-01                |                       |         |
|  |     | 4.0E-03                                | P   | 6.0E-03                      | P   |                                       |     |         | 1     | 0.1   |                          | Nitroaniline, 4-                       | 100-01-6         | 2.4E+01               | c*  | 8.6E+01                 | c*  | 6.3E+00                           | n   | 2.6E+01                             | n   | 3.4E+00         | c*                              |            | 1.4E-03                |                       |         |
|  |     | 4.0E-05                                | I   | 2.0E-03                      | I   | 9.0E-03                               | I   | V       | 1     |       | 3.1E+03                  | Nitrobenzene                           | 98-95-3          | 4.8E+00               | c*  | 2.4E+01                 | c*  | 6.1E-02                           | c   | 3.1E-01                             | c   | 1.2E-01         | c                               |            | 7.9E-05                |                       |         |
| 1.3E+00                                    | C   | 3.7E-04                                | C   |                              |     | 3.0E+03                               | P   |         | 1     | 0.1   |                          | Nitrocellulose                         | 9004-70-0        | 1.8E+08               | nm  | 1.8E+09                 | nm  |                                   |     |                                     |     |                 |                                 | 1.1E+08    |                        | 2.4E+04               |         |
|  |     |  |     | 7.0E-02                      | H   |                                       |     |         | 1     | 0.1   |                          | Nitrofurantoin                         | 67-20-9          | 4.3E+03               | n   | 4.3E+04                 | n   |                                   |     |                                     |     |                 |                                 | 2.6E+03    |                        | 1.1E+00               |         |
|  |     |  |     |                              |     |                                       |     |         | 1     | 0.1   |                          | Nitrofurazone                          | 59-87-0          | 3.7E-01               | c   | 1.3E+00                 | c   | 6.6E-03                           | c   | 3.3E-02                             | c   | 5.2E-02         | c                               |            | 4.7E-05                |                       |         |
| 1.7E-02                                    | P   |  |     | 1.0E-04                      | P   |                                       |     |         | 1     | 0.1   |                          | Nitroglycerin                          | 55-63-0          | 6.1E+00               | n   | 6.2E+01                 | n   |                                   |     |                                     |     |                 |                                 | 3.7E+00    |                        | 1.6E-03               |         |
|  |     |  |     | 1.0E-01                      | I   |                                       |     |         | 1     | 0.1   |                          | Nitroguanidine                         | 556-88-7         | 6.1E+03               | n   | 6.2E+04                 | n   |                                   |     |                                     |     |                 |                                 | 3.7E+03    |                        | 8.8E-01               |         |
|  |     | 9.0E-06                                | P   |                              |     | 2.0E-02                               | P   | V       | 1     |       | 1.8E+04                  | Nitromethane                           | 75-52-5          | 4.9E+00               | c*  | 2.5E+01                 | c*  | 2.7E-01                           | c*  | 1.4E+00                             | c*  | 5.4E-01         | c*                              |            | 1.2E-04                |                       |         |
| 2.7E+01                                    | C   | 7.7E-03                                | C   |                              |     | 2.0E-02                               | I   | V       | 1     |       | 4.9E+03                  | Nitropropane, 2-                       | 79-46-9          | 1.3E-02               | c   | 6.4E-02                 | c   | 9.0E-04                           | c   | 4.5E-03                             | c   | 1.8E-03         | c                               |            | 4.7E-07                |                       |         |
| 1.2E+02                                    | C   | 3.4E-02                                | C   |                              |     |                                       |     |         | 1     | 0.1   |                          | Nitroso-N-ethylurea, N-                | 759-73-9         | 1.8E-02               | c   | 6.4E-02                 | c   | 3.2E-04                           | c   | 1.6E-03                             | c   | 2.5E-03         | c                               |            | 6.0E-07                |                       |         |
|  |     |  |     |                              |     |                                       |     |         | 1     | 0.1   |                          | Nitroso-N-methylurea, N-               | 684-93-5         | 4.0E-03               | c   | 1.4E-02                 | c   | 7.2E-05                           | c   | 3.6E-04                             | c   | 5.6E-04         | c                               |            | 1.2E-07                |                       |         |
| 5.4E+00                                    | I   | 1.6E-03                                | I   |                              |     |                                       |     | V       | 1     |       | 7.1E+03                  | Nitroso-di-N-butylamine, N-            | 924-16-3         | 8.7E-02               | c   | 4.0E-01                 | c   | 1.5E-03                           | c   | 7.7E-03                             | c   | 2.4E-03         | c                               |            | 5.0E-06                |                       |         |
| 7.0E+00                                    | I   | 2.0E-03                                | C   |                              |     |                                       |     |         | 1     | 0.1   |                          | Nitroso-di-N-propylamine, N-           | 621-64-7         | 6.9E-02               | c   | 2.5E-01                 | c   | 1.2E-03                           | c   | 6.1E-03                             | c   | 9.6E-03         | c                               |            | 7.2E-06                |                       |         |
| 2.8E+00                                    | I   | 8.0E-04                                | C   |                              |     |                                       |     |         | 1     | 0.1   |                          | Nitrosodiethanolamine, N-              | 1116-54-7        | 1.7E-01               | c   | 6.2E-01                 | c   | 3.0E-03                           | c   | 1.5E-02                             | c   | 2.4E-02         | c                               |            | 4.9E-06                |                       |         |
| 1.5E+02                                    | I   | 4.3E-02                                | I   |                              |     |                                       |     |         | 1     | 0.1   |                          | Nitrosodiethylamine, N-                | 55-18-5          | 7.7E-04               | c   | 1.1E-02                 | c   | 2.2E-05                           | c   | 2.9E-04                             | c   | 1.4E-04         | c                               |            | 5.3E-08                |                       |         |
| 5.1E+01                                    | I   | 1.4E-02                                | I   | 8.0E-06                      | P   | 4.0E-05                               | X   | M       | 1     | 0.1   |                          | Nitrosodimethylamine, N-               | 62-75-9          | 2.3E-03               | c   | 3.4E-02                 | c   | 6.9E-05                           | c   | 8.8E-04                             | c   | 4.2E-04         | c                               |            | 1.0E-07                |                       |         |
| 4.9E-03                                    | I   | 2.6E-06                                | C   |                              |     |                                       |     |         | 1     | 0.1   |                          | Nitrosodiphenylamine, N-               | 86-30-6          | 9.9E+01               | c   | 3.5E+02                 | c   | 9.4E-01                           | c   | 4.7E+00                             | c   | 1.4E+01         | c                               |            | 7.5E-02                |                       |         |
| 2.2E+01                                    | I   | 6.3E-03                                | C   |                              |     |                                       |     |         | 1     | 0.1   |                          | Nitrosomethylethylamine, N-            | 10595-95-6       | 2.2E-02               | c   | 7.8E-02                 | c   | 3.9E-04                           | c   | 1.9E-03                             | c   | 3.1E-03         | c                               |            | 8.8E-07                |                       |         |
| 6.7E+00                                    | C   | 1.9E-03                                | C   |                              |     |                                       |     |         | 1     | 0.1   |                          | Nitrosomorpholine [N-]                 | 59-89-2          | 7.2E-02               | c   | 2.6E-01                 | c   | 1.3E-03                           | c   | 6.5E-03                             | c   | 1.0E-02         | c                               |            | 2.5E-06                |                       |         |
| 9.4E+00                                    | C   | 2.7E-03                                | C   |                              |     |                                       |     |         | 1     | 0.1   |                          | Nitrosopiperidine [N-]                 | 100-75-4         | 5.2E-02               | c   | 1.8E-01                 | c   | 9.0E-04                           | c   | 4.5E-03                             | c   | 7.2E-03         | c                               |            | 3.8E-06                |                       |         |
| 2.1E+00                                    | I   | 6.1E-04                                | I   |                              |     |                                       |     |         | 1     | 0.1   |                          | Nitrosopyrrolidine, N-                 | 930-55-2         | 2.3E-01               | c   | 8.2E-01                 | c   | 4.0E-03                           | c   | 2.0E-02                             | c   | 3.2E-02         | c                               |            | 1.2E-05                |                       |         |
|  |     |  |     | 1.0E-04                      | X   |                                       |     |         | 1     | 0.1   |                          | Nitrotoluene, m-                       | 99-08-1          | 6.1E+00               | n   | 6.2E+01                 | n   |                                   |     |                                     |     |                 |                                 | 3.7E+00    |                        | 3.4E-03               |         |
| 2.2E-01                                    | P   |  |     | 9.0E-04                      | P   |                                       |     | V       | 1     |       | 1.5E+03                  | Nitrotoluene, o-                       | 88-72-2          | 2.9E+00               | c** | 1.3E+01                 | c*  |                                   |     |                                     |     |                 |                                 | 3.1E-01    |                        | 2.9E-04               |         |
| 1.6E-02                                    | P   |  |     | 4.0E-03                      | P   |                                       |     |         | 1     | 0.1   |                          | Nitrotoluene, p-                       | 99-99-0          | 3.0E+01               | c** | 1.1E+02                 | c*  |                                   |     |                                     |     |                 |                                 | 4.2E+00    | c*                     | 3.9E-03               |         |
|  |     |  |     | 3.0E-04                      | X   | 2.0E-01                               | P   | V       | 1     |       | 6.9E+00                  | Nonane, n-                             | 111-84-2         | 2.1E+01               | ns  | 2.3E+02                 | ns  | 2.1E+02                           | n   | 8.8E+02                             | n   | 1.1E+01         | n                               |            | 1.5E-01                |                       |         |
|  |     |  |     | 4.0E-02                      | I   |                                       |     |         | 1     | 0.1   |                          | Norflurazon                            | 27314-13-2       | 2.4E+03               | n   | 2.5E+04                 | n   |                                   |     |                                     |     |                 |                                 | 1.5E+03    |                        | 9.4E+00               |         |
| 7.0E-04                                    | I   |  |     |                              |     |                                       |     |         | 1     | 0.1   |                          | Nustar                                 | 85509-19-9       | 4.3E+01               | n   | 4.3E+02                 | n   |                                   |     |                                     |     |                 |                                 | 2.6E+01    |                        | 4.1E+00               |         |
| 3.0E-03                                    | I   |  |     |                              |     |                                       |     |         | 1     | 0.1   |                          | Octabromodiphenyl Ether                | 32536-52-0       | 1.8E+02               | n   | 1.8E+03                 | n   |                                   |     |                                     |     |                 |                                 | 1.1E+02    |                        | 2.2E+01               |         |
| 5.0E-02                                    | I   |  |     |                              |     |                                       |     |         | 1     | 0.006 |                          | Octahydro-1,3,5,7-tetra                | 2691-41-0        | 3.8E+03               | n   | 4.9E+04                 | n   |                                   |     |                                     |     |                 |                                 | 1.8E+03    |                        | 2.3E+00               |         |
| 2.0E-03                                    | H   |  |     |                              |     |                                       |     |         | 1     | 0.1   |                          | Octamethylpyrophosphoramide            | 152-16-9         | 1.2E+02               | n   | 1.2E+03                 | n   |                                   |     |                                     |     |                 |                                 | 7.3E+01    |                        | 1.8E-02               |         |
| 5.0E-02                                    | I   |  |     |                              |     |                                       |     |         | 1     | 0.1   |                          | Oryzalin                               | 19044-88-3       | 3.1E+03               | n   | 3.1E+04                 | n   |                                   |     |                                     |     |                 |                                 | 1.8E+03    |                        | 3.4E+00               |         |
| 5.0E-03                                    | I   |  |     |                              |     |                                       |     |         | 1     | 0.1   |                          | Oxadiazon                              | 19666-30-9       | 3.1E+02               | n   | 3.1E+03                 | n   |                                   |     |                                     |     |                 |                                 | 1.8E+02    |                        | 1.9E+00               |         |
| 2.5E-02                                    | I   |  |     |                              |     |                                       |     |         | 1     | 0.1   |                          | Oxamyl                                 | 23135-22-0       | 1.5E+03               | n   | 1.5E+04                 | n   |                                   |     |                                     |     |                 |                                 | 9.1E+02    | 2.0E+02                | 2.0E-01               |         |
| 1.3E-02                                    | I   |  |     |                              |     |                                       |     |         | 1     | 0.1   |                          | Paclobutrazol                          | 76738-62-0       | 7.9E+02               | n   | 8.0E+03                 | n   |                                   |     |                                     |     |                 |                                 | 4.7E+02    |                        | 9.7E-01               |         |
| 4.5E-03                                    | I   |  |     |                              |     |                                       |     |         | 1     | 0.1   |                          | Paraquat Dichloride                    | 1910-42-5        | 2.7E+02               | n   | 2.8E+03                 | n   |                                   |     |                                     |     |                 |                                 | 1.6E+02    |                        | 2.3E+00               |         |
| 6.0E-03                                    | H   |  |     |                              |     |                                       |     |         | 1     | 0.1   |                          | Parathion                              | 56-38-2          | 3.7E+02               | n   | 3.7E+03                 | n   |                                   |     |                                     |     |                 |                                 | 2.2E+02    |                        | 1.1E+00               |         |
| 5.0E-02                                    | H   |  |     |                              |     |                                       |     |         | 1     | 0.1   |                          | Pebulate                               | 1114-71-2        | 3.1E+03               | n   | 3.1E+04                 | n   |                                   |     |                                     |     |                 |                                 | 1.8E+03    |                        | 1.5E+00               |         |
| 4.0E-02                                    | I   |  |     |                              |     |                                       |     |         | 1     | 0.1   |                          | Pendimethalin                          | 40487-42-1       | 2.4E+03               | n   | 2.5E+04                 | n   |                                   |     |                                     |     |                 |                                 | 1.5E+03    |                        | 1.7E+01               |         |
| 2.0E-03                                    | I   |  |     |                              |     |                                       |     |         | 1     | 0.1   |                          | Pentabromodiphenyl Ether               | 32534-81-9       | 1.2E+02               | n   | 1.2E+03                 | n   |                                   |     |                                     |     |                 |                                 | 7.3E+01    |                        | 3.2E+00               |         |
| 1.0E-04                                    | I   |  |     |                              |     |                                       |     |         | 1     | 0.1   |                          | Pentabromodiphenyl ether, 2,2',4,4',5- | 60348-60-9       | 6.1E+00               | n   | 6.2E+01                 | n   |                                   |     |                                     |     |                 |                                 | 3.7E+00    |                        | 1.6E-01               |         |
| 8.0E-04                                    | I   |  |     |                              |     |                                       |     |         | 1     | 0.1   |                          | Pentachlorobenzene                     | 608-93-5         | 4.9E+01               | n   | 4.9E+02                 | n   |                                   |     |                                     |     |                 |                                 | 2.9E+01    |                        | 2.2E-01               |         |
| 9.0E-02                                    | P   |  |     |                              |     |                                       |     |         | 1     | 0.1   |                          | Pentachloroethane                      | 76-01-7          | 5.4E+00               | c   | 1.9E+01                 | c   |                                   |     |                                     |     |                 |                                 | 7.5E-01    |                        | 3.6E-04               |         |
| 2.6E-01                                    | H   |  |     |                              |     |                                       |     |         | 1     | 0.1   |                          | Pentachloronitrobenzene                | 82-68-8          | 1.9E+00               | c*  | 6.6E+00                 | c   |                                   |     |                                     |     |                 |                                 | 2.6E-01    |                        | 3.2E-03               |         |
| 4.0E-01                                    | I   | 5.1E-06                                | C   |                              |     |                                       |     |         | 1     | 0.25  |                          | Pentachlorophenol                      | 87-86-5          | 8.9E-01               | c   | 2.7E+00                 | c   | 4.8E-01                           | c   | 2.4E+00                             | c   | 1.7E-01         | c                               | 1.0E+00    |                        | 1.7E-03               | 1.0E-02 |
|  |     |  |     |                              |     | 1.0E+00                               | P   | V       | 1     |       | 3.9E+02                  | Pentane, n-                            | 109-66-0         | 8.7E+02               | ns  | 3.7E+03                 | ns  | 1.0E+03                           | n   | 4.4E+03                             | n   | 2.1E+03         | n                               |            | 1.5E+01(F)             | 1.0E+01               |         |
|  |     |  |     | 7.0E-04                      | I   |                                       |     |         | 1     |       |                          | Perchlorate and Perchlorate Salts      | 14797-73-0       | 5.5E+01               | n   | 7.2E+02                 | n   |                                   |     |                                     |     |                 |                                 | 2.6E+01    |                        | 2.6E+01               |         |
|  |     |  |     | 5.0E-02                      | I   |                                       |     |         | 1     | 0.1   |                          | Permethrin                             | 52645-53-1       | 3.1E+03               | n   | 3.1E+04                 | n   |                                   |     |                                     |     |                 |                                 | 1.8E+03    |                        | 4.3E+02               |         |
| 2.2E-03                                    | C   | 6.3E-07                                | C   |                              |     |                                       |     |         | 1     | 0.1   |                          | Phenacetin                             | 62-44-2          | 2.2E+02               | c   | 7.8E+02                 | c   | 3.9E+00                           | c   | 1                                   |     |                 |                                 |            |                        |                       |         |



Regional Screening Level (RSL) Summary Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |                     |   |                     |                                 |                     |  |                     |         |              | Contaminant |         | Screening Levels            |   |            |                          |     |                            |     |                                      |     | Protection of Ground Water SSLs        |     |                    |     |               |                              |                             |  |
|--|---------------------|---|---------------------|---------------------------------|---------------------|--|---------------------|---------|--------------|-------------|---------|-----------------------------|---|------------|--------------------------|-----|----------------------------|-----|--------------------------------------|-----|--|-----|--------------------|-----|---------------|------------------------------|-----------------------------|--|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | k <sub>e</sub><br>y | IUR<br>(ug/m <sup>3</sup> -y) <sup>-1</sup> | k <sub>e</sub><br>y | RFD <sub>o</sub><br>(mg/kg-day) | k <sub>e</sub><br>y | RF <sub>C1</sub><br>(mg/m <sup>3</sup> ) | k <sub>e</sub><br>y | vo      | muta-<br>gen | GIABS       | ABS     | C <sub>sat</sub><br>(mg/kg) | Analyte   | CAS No.    | Resident Soil<br>(mg/kg) | key | Industrial Soil<br>(mg/kg) | key | Resident Air<br>(ug/m <sup>3</sup> ) | key | Industrial Air<br>(ug/m <sup>3</sup> ) | key | Tapwater<br>(ug/L) | key | MCL<br>(ug/L) | Risk-based<br>SSL<br>(mg/kg) | MCL-based<br>SSL<br>(mg/kg) |  |
|  |                     |   |                     | 1.0E+00                         | H                   |  |                     |         |              | 1           | 0.1     |                             | Phthalic Acid, P-                                       | 100-21-0   | 6.1E+04                  | n   | 6.2E+05                    | nm  | 2.1E+01                              | n   | 8.8E+01                                | n   | 3.7E+04            | n   |               | 1.3E+01                      |                             |  |
|  |                     |   |                     | 2.0E+00                         | I                   | 2.0E-02                                  | C                   |         |              | 1           | 0.1     |                             | Phthalic Anhydride                                      | 85-44-9    | 1.2E+05                  | nm  | 1.2E+06                    | nm  | 2.1E+01                              | n   | 8.8E+01                                | n   | 7.3E+04            | n   |               | 1.6E+01                      |                             |  |
|  |                     |   |                     | 7.0E-02                         | I                   |  |                     |         |              | 1           | 0.1     |                             | Picloram  | 1918-02-1  | 4.3E+03                  | n   | 4.3E+04                    | n   |                                      |     |  |     |                    |     | 5.0E+02       | 7.1E-01                      | 1.4E-01                     |  |
|  |                     |   |                     | 1.0E-04                         | X                   |  |                     |         |              | 1           | 0.1     |                             | Picramic Acid (2-Amino-4,6-dinitrophenol)               | 96-91-3    | 6.1E+00                  | n   | 6.2E+01                    | n   |                                      |     |  |     |                    |     |               | 2.4E-03                      |                             |  |
|  |                     |   |                     | 1.0E-02                         | I                   |  |                     |         |              | 1           | 0.1     |                             | Pirimiphos, Methyl                                      | 29232-93-7 | 6.1E+02                  | n   | 6.2E+03                    | n   |                                      |     |  |     |                    |     |               | 3.7E+02                      | 3.5E-01                     |  |
| 3.0E+01                                    | C                   | 8.6E-03                                     | C                   | 7.0E-06                         | H                   |  |                     |         |              | 1           | 0.1     |                             | <b>Polybrominated Biphenyls</b>                         | 59536-65-1 | 1.6E-02                  | c*  | 5.7E-02                    | c*  | 2.8E-04                              | c   | 1.4E-03                                | c   | 2.2E-03            | c   |               |                              |                             |  |
|  |                     |   |                     | 7.0E-02                         | S                   | 2.0E-05                                  | S                   | 7.0E-05 | I            |             | 1       | 0.14                        | <b>*Aroclor 1016</b>                                    | 12674-11-2 | 3.9E+00                  | n   | 2.1E+01                    | c** | 1.2E-01                              | c   | 6.1E-01                                | c   | 9.6E-01            | c** |               | 9.2E-02                      |                             |  |
| 2.0E+00                                    | S                   | 5.7E-04                                     | S                   |                                 |                     |  |                     |         | V            | 1           | 0.14    | 7.6E+02                     | *Aroclor 1221   | 11104-28-2 | 1.4E-01                  | c   | 5.4E-01                    | c   | 4.3E-03                              | c   | 2.1E-02                                | c   | 6.8E-03            | c   |               | 1.2E-04                      |                             |  |
| 2.0E+00                                    | S                   | 5.7E-04                                     | S                   |                                 |                     |  |                     |         | V            | 1           | 0.14    | 7.3E+01                     | *Aroclor 1232   | 11141-16-5 | 1.4E-01                  | c   | 5.4E-01                    | c   | 4.3E-03                              | c   | 2.1E-02                                | c   | 6.8E-03            | c   |               | 1.2E-04                      |                             |  |
| 2.0E+00                                    | S                   | 5.7E-04                                     | S                   |                                 |                     |  |                     |         |              | 1           | 0.14    |                             | *Aroclor 1242   | 53469-21-9 | 2.2E-01                  | c   | 7.4E-01                    | c   | 4.3E-03                              | c   | 2.1E-02                                | c   | 3.4E-02            | c   |               | 5.3E-03                      |                             |  |
| 2.0E+00                                    | S                   | 5.7E-04                                     | S                   |                                 |                     |  |                     |         |              | 1           | 0.14    |                             | *Aroclor 1248   | 12672-29-6 | 2.2E-01                  | c   | 7.4E-01                    | c   | 4.3E-03                              | c   | 2.1E-02                                | c   | 3.4E-02            | c   |               | 5.2E-03                      |                             |  |
| 2.0E+00                                    | S                   | 5.7E-04                                     | S                   | 2.0E-05                         | I                   |  |                     |         |              | 1           | 0.14    |                             | *Aroclor 1254   | 11097-69-1 | 2.2E-01                  | c** | 7.4E-01                    | c*  | 4.3E-03                              | c   | 2.1E-02                                | c   | 3.4E-02            | c*  |               | 8.8E-03                      |                             |  |
| 2.0E+00                                    | S                   | 5.7E-04                                     | S                   |                                 |                     |  |                     |         |              | 1           | 0.14    |                             | *Aroclor 1260   | 11096-82-5 | 2.2E-01                  | c   | 7.4E-01                    | c   | 4.3E-03                              | c   | 2.1E-02                                | c   | 3.4E-02            | c   |               | 2.4E-02                      |                             |  |
| 3.9E+00                                    | E                   | 1.1E-03                                     | E                   | 3.3E-05                         | E                   | 1.3E-03                                  | E                   |         |              | 1           | 0.14    |                             | *Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)       | 39635-31-9 | 1.1E-01                  | c*  | 3.8E-01                    | c*  | 2.1E-03                              | c   | 1.1E-02                                | c   | 1.7E-02            | c*  |               | 1.2E-02                      |                             |  |
| 3.9E+00                                    | E                   | 1.1E-03                                     | E                   | 3.3E-05                         | E                   | 1.3E-03                                  | E                   |         |              | 1           | 0.14    |                             | *Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)          | 52663-72-6 | 1.1E-01                  | c*  | 3.8E-01                    | c*  | 2.1E-03                              | c   | 1.1E-02                                | c   | 1.7E-02            | c*  |               | 7.2E-03                      |                             |  |
| 3.9E+00                                    | E                   | 1.1E-03                                     | E                   | 3.3E-05                         | E                   | 1.3E-03                                  | E                   |         |              | 1           | 0.14    |                             | *Hexachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 157)        | 69782-90-7 | 1.1E-01                  | c*  | 3.8E-01                    | c*  | 2.1E-03                              | c   | 1.1E-02                                | c   | 1.7E-02            | c*  |               | 7.4E-03                      |                             |  |
| 3.9E+00                                    | E                   | 1.1E-03                                     | E                   | 3.3E-05                         | E                   | 1.3E-03                                  | E                   |         |              | 1           | 0.14    |                             | *Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 156)          | 38380-08-4 | 1.1E-01                  | c*  | 3.8E-01                    | c*  | 2.1E-03                              | c   | 1.1E-02                                | c   | 1.7E-02            | c*  |               | 7.4E-03                      |                             |  |
| 3.9E+03                                    | E                   | 1.1E+00                                     | E                   | 3.3E-08                         | E                   | 1.3E-06                                  | E                   |         |              | 1           | 0.14    |                             | *Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)          | 32774-16-6 | 1.1E-04                  | c*  | 3.8E-04                    | c*  | 2.1E-06                              | c   | 1.1E-05                                | c   | 1.7E-05            | c*  |               | 7.2E-06                      |                             |  |
| 3.9E+00                                    | E                   | 1.1E-03                                     | E                   | 3.3E-05                         | E                   | 1.3E-03                                  | E                   |         |              | 1           | 0.14    |                             | *Pentachlorobiphenyl, 2',3,4,4',5'- (PCB 123)           | 65510-44-3 | 1.1E-01                  | c*  | 3.8E-01                    | c*  | 2.1E-03                              | c   | 1.1E-02                                | c   | 1.7E-02            | c*  |               | 4.5E-03                      |                             |  |
| 3.9E+00                                    | E                   | 1.1E-03                                     | E                   | 3.3E-05                         | E                   | 1.3E-03                                  | E                   |         |              | 1           | 0.14    |                             | *Pentachlorobiphenyl, 2,3',4,4',5'- (PCB 118)           | 31508-00-6 | 1.1E-01                  | c*  | 3.8E-01                    | c*  | 2.1E-03                              | c   | 1.1E-02                                | c   | 1.7E-02            | c*  |               | 4.4E-03                      |                             |  |
| 3.9E+00                                    | E                   | 1.1E-03                                     | E                   | 3.3E-05                         | E                   | 1.3E-03                                  | E                   |         |              | 1           | 0.14    |                             | *Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)            | 32598-14-4 | 1.1E-01                  | c*  | 3.8E-01                    | c*  | 2.1E-03                              | c   | 1.1E-02                                | c   | 1.7E-02            | c*  |               | 4.5E-03                      |                             |  |
| 3.9E+00                                    | E                   | 1.1E-03                                     | E                   | 3.3E-05                         | E                   | 1.3E-03                                  | E                   |         |              | 1           | 0.14    |                             | *Pentachlorobiphenyl, 2,3,4,4',5'- (PCB 114)            | 74472-37-0 | 1.1E-01                  | c*  | 3.8E-01                    | c*  | 2.1E-03                              | c   | 1.1E-02                                | c   | 1.7E-02            | c*  |               | 4.5E-03                      |                             |  |
| 1.3E+04                                    | E                   | 3.8E+00                                     | E                   | 1.0E-08                         | E                   | 4.0E-07                                  | E                   |         |              | 1           | 0.14    |                             | *Pentachlorobiphenyl, 3,3',4,4',5'- (PCB 126)           | 57465-28-8 | 3.4E-05                  | c*  | 1.1E-04                    | c*  | 6.4E-07                              | c   | 3.2E-06                                | c   | 5.2E-06            | c*  |               | 1.3E-06                      |                             |  |
| 2.0E+00                                    | I                   | 5.7E-04                                     | I                   |                                 |                     |  |                     |         |              | 1           | 0.14    |                             | *Polychlorinated Biphenyls (high risk)                  | 1336-36-3  | 2.2E-01                  | c   | 7.4E-01                    | c   | 4.3E-03                              | c   | 2.1E-02                                | c   | 1.7E-02            | c   |               |                              |                             |  |
| 4.0E-01                                    | I                   | 1.0E-04                                     | I                   |                                 |                     |  |                     |         |              | 1           | 0.14    |                             | *Polychlorinated Biphenyls (low risk)                   | 1336-36-3  | 2.2E-01                  | c   | 7.4E-01                    | c   | 4.3E-03                              | c   | 2.1E-02                                | c   | 1.7E-02            | c   | 5.0E-01       | 2.6E-02                      | 7.8E-02                     |  |
| 7.0E-02                                    | I                   | 2.0E-05                                     | I                   |                                 |                     |  |                     |         |              | 1           | 0.14    |                             | *Polychlorinated Biphenyls (lowest risk)                | 1336-36-3  | 2.2E-01                  | c   | 7.4E-01                    | c   | 4.3E-03                              | c   | 2.1E-02                                | c   | 1.7E-02            | c   |               |                              |                             |  |
| 1.3E+01                                    | E                   | 3.8E-03                                     | E                   | 1.0E-05                         | E                   | 4.0E-04                                  | E                   |         |              | 1           | 0.14    |                             | *Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)               | 32598-13-3 | 3.4E-02                  | c*  | 1.1E-01                    | c*  | 6.4E-04                              | c   | 3.2E-03                                | c   | 5.2E-03            | c*  |               | 8.1E-04                      |                             |  |
| 3.9E+01                                    | E                   | 1.1E-02                                     | E                   | 3.3E-06                         | E                   | 1.3E-04                                  | E                   |         |              | 1           | 0.14    |                             | *Tetrachlorobiphenyl, 3,4,4',5'- (PCB 81)               | 70362-50-4 | 1.1E-02                  | c*  | 3.8E-02                    | c*  | 2.1E-04                              | c   | 1.1E-03                                | c   | 1.7E-03            | c*  |               | 2.7E-04                      |                             |  |
|  |                     |   |                     | 6.0E-04                         | I                   |  |                     |         |              | 1           | 0.1     |                             | <b>Polymeric Methylene Diphenyl Diisocyanate (PMDI)</b> | 9016-87-9  | 8.5E+05                  | nm  | 3.6E+06                    | nm  | 6.3E-01                              | n   | 2.6E+00                                | n   |                    |     |               |                              |                             |  |
|  |                     |   |                     | 6.0E-02                         | I                   |  |                     |         | V            | 1           | 0.13    |                             | <b>Polynuclear Aromatic Hydrocarbons (PAHs)</b>         |            |                          |     |                            |     |                                      |     |  |     |                    |     |               |                              |                             |  |
|  |                     |   |                     | 3.0E-01                         | I                   |  |                     |         | V            | 1           | 0.13    |                             | *Acenaphthene   | 83-32-9    | 3.4E+03                  | n   | 3.3E+04                    | n   |                                      |     |  |     | 2.2E+03            | n   |               | 2.2E+01                      |                             |  |
| 7.3E-01                                    | E                   | 1.1E-04                                     | C                   |                                 |                     |  |                     |         |              | 1           | 0.13    |                             | *Anthracene   | 120-12-7   | 1.7E+04                  | n   | 1.7E+05                    | nm  |                                      |     |  |     | 1.1E+04            | n   |               | 3.6E+02                      |                             |  |
| 1.2E+00                                    | C                   | 1.1E-04                                     | C                   |                                 |                     |  |                     |         | M            | 1           | 0.13    |                             | *Benz[a]anthracene                                      | 56-55-3    | 1.5E-01                  | c   | 2.1E+00                    | c   | 8.7E-03                              | c   | 1.1E-01                                | c   | 2.9E-02            | c   |               | 1.0E-02                      |                             |  |
|  |                     |   |                     |                                 |                     |  |                     |         |              | 1           | 0.13    |                             | *Benzo[b]fluoranthene                                   | 205-82-3   | 3.8E-01                  | c   | 1.3E+00                    | c   | 2.2E-02                              | c   | 1.1E-01                                | c   | 5.6E-02            | c   |               | 6.7E-02                      |                             |  |
| 7.3E+00                                    | I                   | 1.1E-03                                     | C                   |                                 |                     |  |                     |         | M            | 1           | 0.13    |                             | *Benzo[a]pyrene   | 50-32-8    | 1.5E-02                  | c   | 2.1E-01                    | c   | 8.7E-04                              | c   | 1.1E-02                                | c   | 2.9E-03            | c   | 2.0E-01       | 3.5E-03                      | 2.4E-01                     |  |
| 7.3E-01                                    | E                   | 1.1E-04                                     | C                   |                                 |                     |  |                     |         | M            | 1           | 0.13    |                             | *Benzo[b]fluoranthene                                   | 205-99-2   | 1.5E-01                  | c   | 2.1E+00                    | c   | 8.7E-03                              | c   | 1.1E-01                                | c   | 2.9E-02            | c   |               | 3.5E-02                      |                             |  |
| 7.3E-02                                    | E                   | 1.1E-04                                     | C                   |                                 |                     |  |                     |         | M            | 1           | 0.13    |                             | *Benzo[k]fluoranthene                                   | 207-08-9   | 1.5E+00                  | c   | 2.1E-01                    | c   | 8.7E-03                              | c   | 1.1E-01                                | c   | 2.9E-02            | c   |               | 3.5E-01                      |                             |  |
| 7.3E-03                                    | E                   | 1.1E-05                                     | C                   |                                 |                     |  |                     |         | M            | 1           | 0.13    |                             | *Chrysene   | 218-01-9   | 1.5E+01                  | c   | 2.1E+02                    | c   | 8.7E-02                              | c   | 1.1E+00                                | c   | 2.9E+00            | c   |               | 1.1E+00                      |                             |  |
| 7.3E+00                                    | E                   | 1.2E-03                                     | C                   |                                 |                     |  |                     |         | M            | 1           | 0.13    |                             | *Dibenz[a,h]anthracene                                  | 53-70-3    | 1.5E-02                  | c   | 2.1E-01                    | c   | 8.0E-04                              | c   | 1.0E-02                                | c   | 2.9E-03            | c   |               | 1.1E-02                      |                             |  |
| 1.2E+01                                    | C                   | 1.1E-03                                     | C                   |                                 |                     |  |                     |         |              | 1           | 0.13    |                             | *Dibenzo[a,e]pyrene                                     | 192-65-4   | 3.8E-02                  | c   | 1.3E-01                    | c   | 2.2E-03                              | c   | 1.1E-02                                | c   | 5.6E-03            | c   |               | 7.3E-02                      |                             |  |
| 2.5E+02                                    | C                   | 7.1E-02                                     | C                   |                                 |                     |  |                     |         |              | 1           | 0.13    |                             | *Dimethylbenz[a]anthracene, 7,12-                       | 57-97-6    | 1.8E-03                  | c   | 6.2E-03                    | c   | 3.4E-05                              | c   | 1.7E-04                                | c   | 2.7E-04            | c   |               | 2.7E-04                      |                             |  |
|  |                     |   |                     | 4.0E-02                         | I                   |  |                     |         |              | 1           | 0.13    |                             | *Fluoranthene   | 206-44-0   | 2.3E+03                  | n   | 2.2E+04                    | n   |                                      |     |  |     | 1.5E+03            | n   |               | 1.6E+02                      |                             |  |
|  |                     |   |                     | 4.0E-02                         | I                   |  |                     |         | V            | 1           | 0.13    |                             | *Fluorene   | 86-73-7    | 2.3E+03                  | n   | 2.2E+04                    | n   |                                      |     |  |     | 1.5E+03            | n   |               | 2.7E+01                      |                             |  |
| 7.3E-01                                    | E                   | 1.1E-04                                     | C                   |                                 |                     |  |                     |         |              | 1           | 0.13    |                             | *Indeno[1,2,3-cd]pyrene                                 | 193-39-5   | 1.5E-01                  | c   | 2.1E+00                    | c   | 8.7E-03                              | c   | 1.1E-01                                | c   | 2.9E-02            | c   |               | 1.2E-01                      |                             |  |
| 2.9E-02                                    | P                   |   |                     | 7.0E-02                         | A                   |  |                     |         | V            | 1           | 3.9E+02 |                             | *Methylnaphthalene, 1-                                  | 90-12-0    | 2.2E+01                  | c   | 9.9E+01                    | c   |                                      |     |  |     | 2.3E+00            | c   |               | 1.2E-02                      |                             |  |
|  |                     |   |                     | 4.0E-03                         | I                   |  |                     |         | V            | 1           | 3.7E+02 |                             | *Methylnaphthalene, 2-                                  | 91-57-6    | 3.1E+02                  | n   | 4.1E+03                    | ns  |                                      |     |  |     | 1.5E+02            | n   |               | 7.5E-01                      |                             |  |
| 1.2E+00                                    | C                   | 1.1E-04                                     | C                   | 3.4E-05                         | C                   | 2.0E-02                                  | I                   | 3.0E-03 | I            | V           | 1       | 0.13                        | *Naphthalene  | 91-20-3    | 3.6E+00                  | c*  | 1.8E+01                    | c*  | 7.2E-02                              | c*  | 3.6E-01                                | c*  | 1.4E-01            | c*  |               | 4.7                          |                             |  |

Regional Screening Level (RSL) Summary Table November 2010

| Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1 |     |  |     |                              |     |                                       |             |         |       |                  |                          |  |            |                       |     |                         |     |                                   |     |                                     |     |                 |         |            |                        |                       |
|---|-----|--|-----|------------------------------|-----|---------------------------------------|-------------|---------|-------|------------------|--------------------------|--|------------|-----------------------|-----|-------------------------|-----|-----------------------------------|-----|-------------------------------------|-----|-----------------|---------|------------|------------------------|-----------------------|
| Toxicity and Chemical-specific Information  |     |  |     |                              |     |                                       | Contaminant |         |       | Screening Levels |                          |  |            |                       |     |                         |     | Protection of Ground Water SSLs   |     |                                     |     |                 |         |            |                        |                       |
| SFO (mg/kg-day) <sup>-1</sup>   | key | IUR (ug/m <sup>3</sup> ) <sup>-1</sup> | key | RFD <sub>o</sub> (mg/kg-day) | key | RF <sub>C1</sub> (mg/m <sup>3</sup> ) | key         | mutagen | GIABS | ABS              | C <sub>sat</sub> (mg/kg) | Analyte  | CAS No.    | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key | Resident Air (ug/m <sup>3</sup> ) | key | Industrial Air (ug/m <sup>3</sup> ) | key | Tapwater (ug/L) | key     | MCL (ug/L) | Risk-based SSL (mg/kg) | MCL-based SSL (mg/kg) |
|   |     | 2.0E+01                                |     | P                            |     | 2.7E-04                               |             | A V     | 1     | 0.1              | 1.5E+03                  | Propylene Glycol                                 | 57-55-6    | 1.2E+06               | nm  | 1.2E+07                 | nm  |                                   |     |                                     |     | 7.3E+05         | n       |            | 1.5E+02                |                       |
|   |     | 7.0E-01                                |     | H                            |     |                                       |             |         | 1     | 0.1              |                          | Propylene Glycol Dinitrate                       | 6423-43-4  | 5.7E+01               | n   | 2.4E+02                 | n   | 2.8E-01                           | n   | 1.2E+00                             | n   | 5.7E-01         | n       |            | 1.8E-04                |                       |
|   |     |  |     |                              |     |                                       |             |         | 1     | 0.1              |                          | Propylene Glycol Monomethyl Ether                | 1569-02-4  | 4.3E+04               | n   | 4.3E+05                 | nm  |                                   |     |                                     |     | 2.6E+04         | n       |            | 5.2E+00                |                       |
| 2.4E-01   | I   | 3.7E-06                                | I   | 7.0E-01                      | H   | 2.0E+00                               | I           |         | 1     | 0.1              | 7.8E+04                  | Propylene Glycol Monomethyl Ether                | 107-98-2   | 4.3E+04               | n   | 4.3E+05                 | nm  | 2.1E+03                           | n   | 8.8E+03                             | n   | 2.6E+04         | n       |            | 5.2E+00                |                       |
|   |     |  |     |                              |     |                                       |             |         | 1     | 0.1              |                          | Propylene Oxide                                  | 75-56-9    | 1.9E+00               | c   | 8.8E+00                 | c   | 6.6E-01                           | c*  | 3.3E+00                             | c*  | 2.3E-01         | c       |            | 4.9E-05                |                       |
|   |     |  |     |                              |     |                                       |             |         | 1     | 0.1              |                          | Pursuit  | 81335-77-5 | 1.5E+04               | n   | 1.5E+05                 | nm  |                                   |     |                                     |     | 9.1E+03         | n       |            | 8.0E+00                |                       |
|   |     |  |     |                              |     |                                       |             |         | 1     | 0.1              |                          | Pydrin   | 51630-58-1 | 1.5E+03               | n   | 1.5E+04                 | n   |                                   |     |                                     |     | 9.1E+02         | n       |            | 5.8E+02                |                       |
|   |     |  |     |                              |     |                                       |             |         | 1     | 0.1              |                          | Pyridine   | 110-86-1   | 7.8E+01               | n   | 1.0E+03                 | n   |                                   |     |                                     |     | 3.7E+01         | n       |            | 1.3E-02                |                       |
|   |     |  |     |                              |     |                                       |             |         | 1     | 0.1              |                          | Quinalphos                                       | 13593-03-8 | 3.1E+01               | n   | 3.1E+02                 | n   |                                   |     |                                     |     | 1.8E+01         | n       |            | 1.6E-01                |                       |
| 3.0E+00   | I   |  |     |                              |     |                                       |             |         | 1     | 0.1              |                          | Quinoline  | 91-22-5    | 1.6E-01               | c   | 5.7E-01                 | c   |                                   |     |                                     |     | 2.2E-02         | c       |            | 7.4E-05                |                       |
|   |     |  |     |                              |     |                                       |             |         | 1     | 0.1              |                          | Refractory Ceramic Fibers                        | NA         | 4.3E+07               | nm  | 1.8E+08                 | nm  | 3.1E+01                           | n   | 1.3E+02                             | n   |                 |         |            |                        |                       |
|   |     |  |     |                              |     |                                       |             |         | 1     | 0.1              |                          | Resmethrin                                       | 10453-86-8 | 1.8E+03               | n   | 1.8E+04                 | n   |                                   |     |                                     |     | 1.1E+03         | n       |            | 6.8E+02                |                       |
|   |     |  |     |                              |     |                                       |             |         | 1     | 0.1              |                          | Ronnel   | 299-84-3   | 3.1E+03               | n   | 3.1E+04                 | n   |                                   |     |                                     |     | 1.8E+03         | n       |            | 1.7E+01                |                       |
|   |     |  |     |                              |     |                                       |             |         | 1     | 0.1              |                          | Rotenone   | 83-79-4    | 2.4E+02               | n   | 2.5E+03                 | n   |                                   |     |                                     |     | 1.5E+02         | n       |            | 7.6E+01                |                       |
| 2.2E-01   | C   | 6.3E-05                                | C   | 4.0E-03                      | I   |                                       |             |         | 1     | 0.1              |                          | Safrole  | 94-59-7    | 2.2E+00               | c   | 7.8E+00                 | c   | 3.9E-02                           | c   | 1.9E-01                             | c   | 3.1E-01         | c       |            | 1.9E-04                |                       |
|   |     |  |     |                              |     |                                       |             |         | 1     | 0.1              |                          | Savey  | 78587-05-0 | 1.5E+03               | n   | 1.5E+04                 | n   |                                   |     |                                     |     | 9.1E+02         | n       |            | 4.1E+00                |                       |
|   |     |  |     |                              |     |                                       |             |         | 1     | 0.1              |                          | Selenious Acid                                   | 7783-00-8  | 3.9E+02               | n   | 5.1E+03                 | n   |                                   |     |                                     |     | 1.8E+02         | n       |            | 1.8E+02                |                       |
|   |     |  |     |                              |     |                                       |             |         | 1     | 0.1              |                          | Selenium   | 7782-49-2  | 3.9E+02               | n   | 5.1E+03                 | n   | 2.1E+01                           | n   | 8.8E+01                             | n   | 1.8E+02         | n       | 5.0E+01    | 9.5E-01                | 2.6E-01               |
|   |     |  |     |                              |     |                                       |             |         | 1     | 0.1              |                          | Selenium Sulfide                                 | 7446-34-6  | 3.9E+02               | n   | 5.1E+03                 | n   | 2.1E+01                           | n   | 8.8E+01                             | n   | 1.8E+02         | n       |            | 2.9E+01                |                       |
|   |     |  |     |                              |     |                                       |             |         | 1     | 0.1              |                          | Sethoxydim                                       | 74051-80-2 | 5.5E+03               | n   | 5.5E+04                 | n   |                                   |     |                                     |     | 3.3E+03         | n       |            |                        |                       |
|   |     |  |     |                              |     |                                       |             |         | 1     | 0.1              |                          | Silica (crystalline, respirable)                 | 7631-86-9  | 4.3E+06               | nm  | 1.8E+07                 | nm  | 3.1E+00                           | n   | 1.3E+01                             | n   |                 |         |            |                        |                       |
| 1.2E-01   | H   |  |     | 5.0E-03                      | I   |                                       |             |         | 0.04  |                  |                          | Silver   | 7440-22-4  | 3.9E+02               | n   | 5.1E+03                 | n   |                                   |     |                                     |     | 1.8E+02         | n       |            | 1.6E+00                |                       |
|   |     |  |     | 5.0E-03                      | I   |                                       |             |         | 1     | 0.1              |                          | Simazine   | 122-34-9   | 4.0E+00               | c*  | 1.4E+01                 | c   |                                   |     |                                     |     | 5.6E-01         | c       | 4.0E+00    | 2.8E-04                | 2.0E-03               |
|   |     |  |     | 1.3E-02                      | I   |                                       |             |         | 1     | 0.1              |                          | Sodium Acifluorfen                               | 62476-59-9 | 7.9E+02               | n   | 8.0E+03                 | n   |                                   |     |                                     |     | 4.7E+02         | n       |            | 3.8E+00                |                       |
|   |     |  |     | 4.0E-03                      | I   |                                       |             |         | 1     | 0.1              |                          | Sodium Azide                                     | 26628-22-8 | 3.1E+02               | n   | 4.1E+03                 | n   |                                   |     |                                     |     | 1.5E+02         | n       |            |                        |                       |
| 2.7E-01   | H   |  |     | 3.0E-02                      | I   |                                       |             |         | 1     | 0.1              |                          | Sodium Diethyldithiocarbamate                    | 148-18-5   | 1.8E+00               | c   | 6.4E+00                 | c   |                                   |     |                                     |     | 2.5E-01         | c       |            |                        |                       |
|   |     |  |     | 5.0E-02                      | A   | 1.3E-02                               | C           |         | 1     |                  |                          | Sodium Fluoride                                  | 7681-49-4  | 3.9E+03               | n   | 5.1E+04                 | n   | 1.4E+01                           | n   | 5.7E+01                             | n   | 1.8E+03         | n       |            |                        |                       |
|   |     |  |     | 2.0E-05                      | I   |                                       |             |         | 1     | 0.1              |                          | Sodium Fluoroacetate                             | 62-74-8    | 1.2E+00               | n   | 1.2E+01                 | n   |                                   |     |                                     |     | 7.3E-01         | n       |            | 1.5E-04                |                       |
|   |     |  |     | 1.0E-03                      | H   |                                       |             |         | 1     |                  |                          | Sodium Metavanadate                              | 13718-26-8 | 7.8E+01               | n   | 1.0E+03                 | n   |                                   |     |                                     |     | 3.7E+01         | n       |            |                        |                       |
| 2.4E-02   | H   |  |     | 7.0E-04                      | I   |                                       |             |         | 1     |                  |                          | Sodium Perchlorate                               | 7601-89-0  | 5.5E+01               | n   | 7.2E+02                 | n   |                                   |     |                                     |     | 2.6E+01         | n       |            |                        |                       |
|   |     |  |     | 3.0E-02                      | I   |                                       |             |         | 1     | 0.1              |                          | Stirofos (Tetrachlorovinphos)                    | 961-11-5   | 2.0E+01               | c*  | 7.2E+01                 | c   |                                   |     |                                     |     | 2.8E+00         | c       |            | 8.3E-03                |                       |
|   |     |  |     | 6.0E-01                      | I   |                                       |             |         | 1     |                  |                          | Strontium, Stable                                | 7440-24-6  | 4.7E+04               | n   | 6.1E+05                 | nm  |                                   |     |                                     |     | 2.2E+04         | n       |            | 7.7E+02                |                       |
|   |     |  |     | 3.0E-04                      | I   |                                       |             |         | 1     | 0.1              |                          | Strychnine                                       | 57-24-9    | 1.8E+01               | n   | 1.8E+02                 | n   |                                   |     |                                     |     | 1.1E+01         | n       |            | 1.2E-01                |                       |
|   |     |  |     | 2.0E-01                      | I   | 1.0E+00                               | I V         |         | 1     |                  | 8.7E+02                  | Styrene  | 100-42-5   | 6.3E+03               | ns  | 3.6E+04                 | ns  | 1.0E+03                           | n   | 4.4E+03                             | n   | 1.6E+03         | n       | 1.0E+02    | 1.8E+00                | 1.1E-01               |
|   |     |  |     | 8.0E-04                      | P   |                                       |             |         | 1     | 0.1              |                          | Sulfonylbis(4-chlorobenzene), 1,1'-Sulfuric Acid | 80-07-9    | 4.9E+01               | n   | 4.9E+02                 | n   |                                   |     |                                     |     | 2.9E+01         | n       |            | 1.7E-01                |                       |
|   |     |  |     |                              |     |                                       |             |         | 1     | 0.1              |                          |  | 7664-93-9  | 1.4E+06               | nm  | 6.0E+06                 | nm  | 1.0E+00                           | n   | 4.4E+00                             | n   |                 |         |            |                        |                       |
|   |     |  |     | 2.5E-02                      | I   |                                       |             |         | 1     | 0.1              |                          | Systhane   | 88671-89-0 | 1.5E+03               | n   | 1.5E+04                 | n   |                                   |     |                                     |     | 9.1E+02         | n       |            | 1.1E+01                |                       |
|   |     |  |     | 3.0E-02                      | H   |                                       |             |         | 1     | 0.1              |                          | TCMTB  | 21564-17-0 | 1.8E+03               | n   | 1.8E+04                 | n   |                                   |     |                                     |     | 1.1E+03         | n       |            | 7.6E+00                |                       |
|   |     |  |     | 7.0E-02                      | I   |                                       |             |         | 1     | 0.1              |                          | Tebuthiuron                                      | 34014-18-1 | 4.3E+03               | n   | 4.3E+04                 | n   |                                   |     |                                     |     | 2.6E+03         | n       |            | 7.3E-01                |                       |
|   |     |  |     | 2.0E-02                      | H   |                                       |             |         | 1     | 0.1              |                          | Temephos   | 3383-96-8  | 1.2E+03               | n   | 1.2E+04                 | n   |                                   |     |                                     |     | 7.3E+02         | n       |            | 1.4E+02                |                       |
|   |     |  |     | 1.3E-02                      | I   |                                       |             |         | 1     | 0.1              |                          | Terbacil   | 5902-51-2  | 7.9E+02               | n   | 8.0E+03                 | n   |                                   |     |                                     |     | 4.7E+02         | n       |            | 1.4E-01                |                       |
|   |     |  |     | 2.5E-05                      | H   |                                       |             |         | 1     | 0.1              |                          | Terbufos   | 13071-79-9 | 1.5E+00               | n   | 1.5E+01                 | n   |                                   |     |                                     |     | 9.1E-01         | n       |            | 2.0E-03                |                       |
|   |     |  |     | 1.0E-03                      | I   |                                       |             |         | 1     | 0.1              |                          | Terbutryn  | 886-50-0   | 6.1E+01               | n   | 6.2E+02                 | n   |                                   |     |                                     |     | 3.7E+01         | n       |            | 5.2E-02                |                       |
|   |     |  |     | 1.0E-04                      | I   |                                       |             |         | 1     | 0.1              |                          | Tetrabromodiphenyl ether, 2,2',4,4'-(BDE-47)     | 5436-43-1  | 6.1E+00               | n   | 6.2E+01                 | n   |                                   |     |                                     |     | 3.7E+00         | n       |            | 9.7E-02                |                       |
|   |     |  |     | 3.0E-04                      | I   |                                       |             |         | 1     | 0.1              |                          | Tetrachlorobenzene, 1,2,4,5-                     | 95-94-3    | 1.8E+01               | n   | 1.8E+02                 | n   |                                   |     |                                     |     | 1.1E+01         | n       |            | 5.1E-02                |                       |
| 2.6E-02   | I   | 7.4E-06                                | I   | 3.0E-02                      | I   |                                       |             |         | 1     |                  | 6.8E+02                  | Tetrachloroethane, 1,1,1,2-                      | 630-20-6   | 1.9E+00               | c   | 9.3E+00                 | c   | 3.3E-01                           | c   | 1.7E+00                             | c   | 5.2E-01         | c       |            | 2.0E-04                |                       |
| 2.0E-01   | I   | 5.8E-05                                | C   | 2.0E-02                      | I   |                                       |             |         | 1     |                  | 1.9E+03                  | Tetrachloroethane, 1,1,2,2-                      | 79-34-5    | 5.6E-01               | c   | 2.8E+00                 | c   | 4.2E-02                           | c   | 2.1E-01                             | c   | 6.7E-02         | c       |            | 2.6E-05                |                       |
| 5.4E-01   | C   | 5.9E-06                                | C   | 1.0E-02                      | I   | 2.7E-01                               | A V         |         | 1     |                  | 1.7E+02                  | Tetrachloroethylene                              | 127-18-4   | 5.5E-01               | c   | 2.6E+00                 | c   | 4.1E-01                           | c   | 2.1E+00                             | c   | 1.1E-01         | c       | 5.0E+00    | 4.9E-05                | 2.3E-03               |
|   |     |  |     | 3.0E-02                      | I   |                                       |             |         | 1     | 0.1              |                          | Tetrachlorophenol, 2,3,4,6-                      | 58-90-2    | 1.8E+03               | n   | 1.8E+04                 | n   |                                   |     |                                     |     | 1.1E+03         | n       |            | 6.7E+00                |                       |
|   |     |  |     |                              |     |                                       |             |         | 1     | 0.1              |                          | Tetrachlorotoluene, p- alpha, alpha-             | 5216-25-1  | 2.4E-02               | c   | 8.6E-02                 | c   |                                   |     |                                     |     | 3.4E-03         | c       |            | 1.1E-05                |                       |
| 2.0E+01   | H   |  |     | 5.0E-04                      | I   |                                       |             |         | 1     | 0.1              |                          | Tetraethyl Dithiopyrophosphate                   | 3689-24-5  | 3.1E+01               | n   | 3.1E+02                 | n   |                                   |     |                                     |     | 1.8E+01         | n       |            | 1.3E-02                |                       |
|   |     |  |     |                              |     |                                       |             |         | 1     | 0.1              |                          | Tetrafluoroethane, 1,1,1,2-                      | 811-97-2   | 1.1E+05               | nms | 4.6E+05                 | nms | 8.3E+04                           | n   | 3.5E+05                             | n   | 1.7E+05         | n       |            | 9.3E+01                |                       |
|   |     |  |     | 4.0E-03                      | P   |                                       |             |         | 1     | 0.1              |                          | Tetryl (Trinitrophenylmethylnitramine)           | 479-45-8   | 2.4E+02               | n   | 2.5E+03                 | n   |                                   |     |                                     |     | 1.5E+02         | n       |            | 1.4E+00                |                       |
|   |     |  |     |                              |     |                                       |             |         | 1     |                  |                          | Thallium (Soluble Salts)                         | 7440-28-0  |                       |     |                         |     |                                   |     |                                     |     |                 | 2.0E+00 |            | 1.4E-01                |                       |
|   |     |  |     | 1.0E-02                      | I   |                                       |             |         | 1     | 0.1              |                          | Thiobencarb                                      | 28249-77-6 | 6.1E+02               | n   | 6.2E+03                 | n   |                                   |     |                                     |     | 3.7E+02         | n       |            | 1.3E+00                |                       |
|   |     |  |     |                              |     |                                       |             |         |       |                  |                          |  |            |                       |     |                         |     |                                   |     |                                     |     |                 |         |            |                        |                       |

Regional Screening Level (RSL) Summary Table November 2010

| Toxicity and Chemical-specific Information |     |   |     |                                 |     |  |     |         |     |     |     | Contaminant |       | Screening Levels            |   |            |                          |     |                            |     |                                      |     |  | Protection of Ground Water SSLs |                    |         |               |                              |                             |
|--|-----|---|-----|---------------------------------|-----|--|-----|---------|-----|-----|-----|-------------|-------|-----------------------------|---|------------|--------------------------|-----|----------------------------|-----|--------------------------------------|-----|--|---------------------------------|--------------------|---------|---------------|------------------------------|-----------------------------|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | key | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | key | RFD <sub>o</sub><br>(mg/kg-day) | key | RF <sub>C1</sub><br>(mg/m <sup>3</sup> ) | key | key     | key | key | key | GIABS       | ABS   | C <sub>sat</sub><br>(mg/kg) | Analyte                                 | CAS No.    | Resident Soil<br>(mg/kg) | key | Industrial Soil<br>(mg/kg) | key | Resident Air<br>(ug/m <sup>3</sup> ) | key | Industrial Air<br>(ug/m <sup>3</sup> ) | key                             | Tapwater<br>(ug/L) | key     | MCL<br>(ug/L) | Risk-based<br>SSL<br>(mg/kg) | MCL-based<br>SSL<br>(mg/kg) |
|  |     | 3.0E-04                                   | A   |                                 |     |  |     |         |     |     |     | 1           | 0.1   |                             | Tri-n-butyltin                          | 688-73-3   | 1.8E+01                  | n   | 1.8E+02                    | n   |                                      |     |  |                                 | 1.1E+01            | n       |               | 2.4E-01                      |                             |
|  |     | 1.3E-02                                   | I   |                                 |     |  |     |         |     |     |     | 1           | 0.1   |                             | Triallate                               | 2303-17-5  | 7.9E+02                  | n   | 8.0E+03                    | n   |                                      |     |  |                                 | 4.7E+02            | n       |               | 1.1E+00                      |                             |
|  |     | 1.0E-02                                   | I   |                                 |     |  |     |         |     |     |     | 1           | 0.1   |                             | Triasulfuron                            | 82097-50-5 | 6.1E+02                  | n   | 6.2E+03                    | n   |                                      |     |  |                                 | 3.7E+02            | n       |               | 3.8E-01                      |                             |
|  |     | 5.0E-03                                   | I   |                                 |     |  |     |         |     |     |     | 1           | 0.1   |                             | Tribromobenzene, 1,2,4-                 | 615-54-3   | 3.1E+02                  | n   | 3.1E+03                    | n   |                                      |     |  |                                 | 1.8E+02            | n       |               | 2.6E-01                      |                             |
| 9.2E-03                                    | P   | 2.0E-01                                   | P   |                                 |     |  |     |         |     |     |     | 1           | 0.1   |                             | Tributyl Phosphate                      | 126-73-8   | 5.3E+01                  | c   | 1.9E+02                    | c   |                                      |     |  |                                 | 7.3E+00            | c       |               | 3.6E-02                      |                             |
|  |     | 3.0E-04                                   | P   |                                 |     |  |     |         |     |     |     | 1           | 0.1   |                             | Tributyltin Compounds                   | NA         | 1.8E+01                  | n   | 1.8E+02                    | n   |                                      |     |  |                                 | 1.1E+01            | n       |               |                              |                             |
|  |     | 3.0E-04                                   | I   |                                 |     |  |     |         |     |     |     | 1           | 0.1   |                             | Tributyltin Oxide                       | 56-35-9    | 1.8E+01                  | n   | 1.8E+02                    | n   |                                      |     |  |                                 | 1.1E+01            | n       |               | 5.7E+02                      |                             |
|  |     | 3.0E+01                                   | I   | 3.0E+01                         | H   | V  |     |         |     |     |     | 1           |       | 9.1E+02                     | Trichloro-1,2,2-trifluoroethane, 1,1,2- | 76-13-1    | 4.3E+04                  | ns  | 1.8E+05                    | nms | 3.1E+04                              | n   | 1.3E+05                                | n                               | 5.9E+04            | n       |               | 1.5E+02                      |                             |
|  |     |   |     |                                 |     |  |     |         |     |     |     | 1           | 0.1   |                             | Trichloroacetic Acid                    | 76-03-9    |                          |     |                            |     |                                      |     |  |                                 |                    | 6.0E+01 |               |                              | 1.2E-02                     |
| 2.9E-02                                    | H   |   |     |                                 |     |  |     |         |     |     |     | 1           | 0.1   |                             | Trichloroaniline HCl, 2,4,6-            | 33663-50-2 | 1.7E+01                  | c   | 5.9E+01                    | c   |                                      |     |  |                                 | 2.3E+00            | c       |               | 6.4E-03                      |                             |
|  |     |   |     |                                 |     |  |     |         |     |     |     | 1           | 0.1   |                             | Trichloroaniline, 2,4,6-                | 634-93-5   | 1.4E+01                  | c   | 5.1E+01                    | c   |                                      |     |  |                                 | 2.0E+00            | c       |               | 1.8E-02                      |                             |
|  |     | 8.0E-04                                   | X   |                                 |     |  |     |         |     |     |     | 1           | 0.1   | 1.5E+02                     | Trichlorobenzene, 1,2,3-                | 87-61-6    | 4.9E+01                  | n   | 4.9E+02                    | ns  |                                      |     |  |                                 | 2.9E+01            | n       |               | 8.7E-02                      |                             |
| 2.9E-02                                    | P   | 1.0E-02                                   | I   | 2.0E-03                         | P   | V  |     |         |     |     |     | 1           |       | 4.0E+02                     | Trichlorobenzene, 1,2,4-                | 120-82-1   | 2.2E+01                  | c** | 9.9E+01                    | c** | 2.1E+00                              | n   | 8.8E+00                                | n                               | 2.3E+00            | c**     | 7.0E+01       | 6.8E-03                      | 2.0E-01                     |
|  |     | 2.0E+00                                   | I   | 5.0E+00                         | I   | V  |     |         |     |     |     | 1           |       | 6.4E+02                     | Trichloroethane, 1,1,1-                 | 71-55-6    | 8.7E+03                  | ns  | 3.8E+04                    | ns  | 5.2E+03                              | n   | 2.2E+04                                | n                               | 9.1E+03            | n       | 2.0E+02       | 3.2E+00                      | 7.0E-02                     |
| 5.7E-02                                    | I   | 1.6E-05                                   | I   | 4.0E-03                         | I   | V  |     |         |     |     |     | 1           |       | 2.2E+03                     | Trichloroethane, 1,1,2-                 | 79-00-5    | 1.1E+00                  | c   | 5.3E+00                    | c   | 1.5E-01                              | c   | 7.7E-01                                | c                               | 2.4E-01            | c       | 5.0E+00       | 7.8E-05                      | 1.6E-03                     |
| 5.9E-03                                    | C   | 2.0E-06                                   | C   |                                 |     |  |     |         |     |     |     | 1           |       | 6.9E+02                     | Trichloroethylene                       | 79-01-6    | 2.8E+00                  | c   | 1.4E+01                    | c   | 1.2E+00                              | c   | 6.1E+00                                | c                               | 2.0E+00            | c       | 5.0E+00       | 7.2E-04                      | 1.8E-03                     |
|  |     | 3.0E-01                                   | I   | 7.0E-01                         | H   | V  |     |         |     |     |     | 1           |       | 1.2E+03                     | Trichlorofluoromethane                  | 75-69-4    | 7.9E+02                  | n   | 3.4E+03                    | ns  | 7.3E+02                              | n   | 3.1E+03                                | n                               | 1.3E+03            | n       |               | 8.3E-01                      |                             |
|  |     | 1.0E-01                                   | I   |                                 |     |  |     |         |     |     |     | 1           | 0.1   |                             | Trichlorophenol, 2,4,5-                 | 95-95-4    | 6.1E+03                  | n   | 6.2E+04                    | n   |                                      |     |  |                                 | 3.7E+03            | n       |               | 1.4E+01                      |                             |
| 1.1E-02                                    | I   | 3.1E-06                                   | I   | 1.0E-03                         | P   |  |     |         |     |     |     | 1           | 0.1   |                             | Trichlorophenol, 2,4,6-                 | 88-06-2    | 4.4E+01                  | c** | 1.6E+02                    | c** | 7.8E-01                              | c   | 4.0E+00                                | c                               | 6.1E+00            | c**     |               | 2.3E-02                      |                             |
|  |     | 1.0E-02                                   | I   |                                 |     |  |     |         |     |     |     | 1           | 0.1   |                             | Trichlorophenoxyacetic Acid, 2,4,5-     | 93-76-5    | 6.1E+02                  | n   | 6.2E+03                    | n   |                                      |     |  |                                 | 3.7E+02            | n       |               | 1.5E-01                      |                             |
|  |     | 8.0E-03                                   | I   |                                 |     |  |     |         |     |     |     | 1           | 0.1   |                             | Trichlorophenoxypropionic acid, -2,4,5  | 93-72-1    | 4.9E+02                  | n   | 4.9E+03                    | n   |                                      |     |  |                                 | 2.9E+02            | n       | 5.0E+01       | 1.6E-01                      | 2.8E-02                     |
|  |     | 5.0E-03                                   | I   |                                 |     |  |     |         |     |     |     | 1           |       | 1.3E+03                     | Trichloropropane, 1,1,2-                | 598-77-6   | 3.9E+02                  | n   | 5.1E+03                    | ns  |                                      |     |  |                                 | 1.8E+02            | n       |               | 7.1E-02                      |                             |
|  |     | 3.0E+01                                   | I   | 4.0E-03                         | I   | 3.0E-04                                  | I   | V       | M   |     |     | 1           |       | 1.4E+03                     | Trichloropropane, 1,2,3-                | 96-18-4    | 5.0E-03                  | c   | 9.5E-02                    | c   | 3.1E-01                              | n   | 1.3E+00                                | n                               | 7.2E-04            | c       |               | 3.1E-07                      |                             |
|  |     | 3.0E-03                                   | X   | 3.0E-04                         | P   | V  |     |         |     |     |     | 1           |       | 4.5E+02                     | Trichloropropene, 1,2,3-                | 96-19-5    | 7.8E-01                  | n   | 3.3E+00                    | n   | 3.1E-01                              | n   | 1.3E+00                                | n                               | 6.2E-01            | n       |               | 3.1E-04                      |                             |
|  |     | 3.0E-03                                   | I   |                                 |     |  |     |         |     |     |     | 1           | 0.1   |                             | Tridiphane                              | 58138-08-2 | 1.8E+02                  | n   | 1.8E+03                    | n   |                                      |     |  |                                 | 1.1E+02            | n       |               | 7.8E-01                      |                             |
|  |     | 7.7E-03                                   | I   | 7.5E-03                         | I   | V  |     |         |     |     |     | 1           |       | 2.8E+04                     | Triethylamine                           | 121-44-8   | 1.2E+02                  | n   | 5.2E+02                    | n   | 7.3E+00                              | n   | 3.1E+01                                | n                               | 1.5E+01            | n       |               | 4.4E-03                      |                             |
| 3.7E-02                                    | H   |   |     |                                 |     |  |     |         |     |     |     | 1           | 0.1   |                             | Trifluralin                             | 1582-09-8  | 6.3E+01                  | c** | 2.2E+02                    | c*  |                                      |     |  |                                 | 8.7E+00            | c*      |               | 2.9E-01                      |                             |
|  |     |   |     |                                 |     |  |     |         |     |     |     | 1           | 0.1   |                             | Trimethyl Phosphate                     | 512-56-1   | 1.3E+01                  | c   | 4.7E+01                    | c   |                                      |     |  |                                 | 1.8E+00            | c       |               | 4.0E-04                      |                             |
|  |     |   |     | 7.0E-03                         | P   | V  |     |         |     |     |     | 1           |       | 2.2E+02                     | Trimethylbenzene, 1,2,4-                | 95-63-6    | 6.2E+01                  | n   | 2.6E+02                    | ns  | 7.3E+00                              | n   | 3.1E+01                                | n                               | 1.5E+01            | n       |               | 2.1E-02                      |                             |
|  |     | 1.0E-02                                   | X   |                                 |     |  |     |         |     |     |     | 1           |       | 1.8E+02                     | Trimethylbenzene, 1,3,5-                | 108-67-8   | 7.8E+02                  | ns  | 1.0E+04                    | ns  |                                      |     |  |                                 | 3.7E+02            | n       |               | 5.2E-01                      |                             |
|  |     | 3.0E-02                                   | I   |                                 |     |  |     |         |     |     |     | 1           | 0.019 |                             | Trinitrobenzene, 1,3,5-                 | 99-35-4    | 2.2E+03                  | n   | 2.7E+04                    | n   |                                      |     |  |                                 | 1.1E+03            | n       |               | 3.9E+00                      |                             |
| 3.0E-02                                    | I   | 5.0E-04                                   | I   |                                 |     |  |     |         |     |     |     | 1           | 0.032 |                             | Trinitrotoluene, 2,4,6-                 | 118-96-7   | 1.9E+01                  | c** | 7.9E+01                    | c** |                                      |     |  |                                 | 2.2E+00            | c**     |               | 1.3E-02                      |                             |
|  |     | 2.0E-02                                   | P   |                                 |     |  |     |         |     |     |     | 1           | 0.1   |                             | Triphenylphosphine Oxide                | 791-28-6   | 1.2E+03                  | n   | 1.2E+04                    | n   |                                      |     |  |                                 | 7.3E+02            | n       |               | 3.0E+00                      |                             |
|  |     | 2.0E-02                                   | A   |                                 |     |  |     |         |     |     |     | 1           | 0.1   |                             | Tris(1,3-Dichloro-2-propyl) Phosphate   | 13674-87-8 | 1.2E+03                  | n   | 1.2E+04                    | n   |                                      |     |  |                                 | 7.3E+02            | n       |               | 1.6E+01                      |                             |
| 2.0E-02                                    | P   | 7.0E-03                                   | P   |                                 |     |  |     |         |     |     |     | 1           | 0.1   |                             | Tris(2-chloroethyl)phosphate            | 115-96-8   | 2.4E+01                  | c*  | 8.6E+01                    | c*  |                                      |     |  |                                 | 3.4E+00            | c*      |               | 3.3E-03                      |                             |
| 3.2E-03                                    | P   | 1.0E-01                                   | P   |                                 |     |  |     |         |     |     |     | 1           | 0.1   |                             | Tris(2-ethylhexyl)phosphate             | 78-42-2    | 1.5E+02                  | c*  | 5.4E+02                    | c   |                                      |     |  |                                 | 2.1E+01            | c       |               | 1.0E+02                      |                             |
|  |     | 3.0E-03                                   | I   | 3.0E-04                         | A   |  |     |         |     |     |     | 1           |       |                             | Uranium (Soluble Salts)                 | NA         | 2.3E+02                  | n   | 3.1E+03                    | n   | 3.1E-01                              | n   | 1.3E+00                                | n                               | 1.1E+02            | n       | 3.0E+01       | 4.9E+01                      | 1.4E+01                     |
| 1.0E+00                                    | C   | 2.9E-04                                   | C   | 8.3E-03                         | P   | 9.0E-03                                  | I   | 7.0E-06 | P   |     |     | 1           | 0.1   | 0.026                       | Urethane                                | 51-79-6    | 4.9E-01                  | c   | 1.7E+00                    | c   | 8.4E-03                              | c   | 4.2E-02                                | c                               | 6.7E-02            | c       |               | 1.5E-05                      |                             |
|  |     | 2.0E-02                                   | H   |                                 |     |  |     |         |     |     |     | 0.026       |       |                             | Vanadium Pentoxide                      | 1314-62-1  | 4.0E+02                  | c** | 2.0E+03                    | c** | 2.9E-04                              | c*  | 1.5E-03                                | c*                              | 3.3E+02            | n       |               |                              |                             |
|  |     | 5.0E-03                                   | S   |                                 |     |  |     |         |     |     |     | 1           |       |                             | Vanadium Sulfate                        | 36907-42-3 | 1.6E+03                  | n   | 2.0E+04                    | n   |                                      |     |  |                                 | 7.3E+02            | n       |               |                              |                             |
|  |     | 7.0E-05                                   | P   | 1.0E-04                         | A   |  |     |         |     |     |     | 0.026       |       |                             | Vanadium and Compounds                  | NA         | 3.9E+02                  | n   | 5.2E+03                    | n   |                                      |     |  |                                 | 1.8E+02            | n       |               | 1.8E+02                      |                             |
|  |     | 1.0E-03                                   | I   |                                 |     |  |     |         |     |     |     | 1           | 0.1   |                             | Vanadium, Metallic                      | 7440-62-2  | 5.5E+00                  | n   | 7.2E+01                    | n   | 1.0E-01                              | n   | 4.4E-01                                | n                               | 2.6E+00            | n       |               | 2.6E+00                      |                             |
|  |     | 2.5E-02                                   | I   |                                 |     |  |     |         |     |     |     | 1           | 0.1   |                             | Vernolate                               | 1929-77-7  | 6.1E+01                  | n   | 6.2E+02                    | n   |                                      |     |  |                                 | 3.7E+01            | n       |               | 2.9E-02                      |                             |
|  |     | 1.0E+00                                   | H   | 2.0E-01                         | I   | V  |     |         |     |     |     | 1           |       | 2.8E+03                     | Vinclozolin                             | 50471-44-8 | 1.5E+03                  | n   | 1.5E+04                    | n   |                                      |     |  |                                 | 9.1E+02            | n       |               | 7.0E-01                      |                             |
|  |     | 3.2E-05                                   | H   |                                 |     |  |     |         |     |     |     | 1           |       | 3.4E+03                     | Vinyl Acetate                           | 108-05-4   | 9.7E+02                  | n   | 4.1E+03                    | ns  | 2.1E+02                              | n   | 8.8E+02                                | n                               | 4.1E+02            | n       |               | 8.8E-02                      |                             |
|  |     |   |     |                                 |     |  |     |         |     |     |     | 1           |       |                             | Vinyl Bromide                           | 593-60-2   | 1.1E-01                  | c*  | 5.6E-01                    | c*  | 7.6E-02                              | c*  | 3.8E-01                                | c*                              | 1.5E-01            | c*      |               | 4.4E-05                      |                             |
| 7.2E-01                                    | I   | 4.4E-06                                   | I   | 3.0E-03                         | I   | 1.0E-01                                  | I   | V       | M   |     |     | 1           |       | 3.9E+03                     | Vinyl Chloride                          | 75-01-4    | 6.0E-02                  | c   | 1.7E+00                    | c   | 1.6E-01                              | c   | 2.8E+00                                | c                               | 1.6E-02            | c       | 2.0E+00       | 5.6E-06                      | 6.9E-04                     |
|  |     | 3.0E-04                                   | I   |                                 |     |  |     |         |     |     |     | 1           | 0.1   |                             | Warfarin                                | 81-81-2    | 1.8E+01                  | n   | 1.8E+02                    | n   |                                      |     |  |                                 | 1.1E+01            | n       |               | 1.2E-02                      |                             |
|  |     | 2.0E-01                                   | I   | 1.0E-01                         | I   | V  |     |         |     |     |     | 1           |       | 2.6E+02                     | Xylene, Mixture                         | 1330-20-7  | 6.3E+02                  | ns  | 2.7E+03                    | ns  | 1.0E+02                              | n   | 4.4E+02                                | n                               | 2.0E+02            | n       | 1.0E+04       | 2.0E-01                      | 9.8E+00                     |
|  |     | 2.0E-01                                   | S   | 7.0E-01                         | C   | V  |     |         |     |     |     |             |       |                             |   |            |                          |     |                            |     |                                      |     |  |                                 |                    |         |               |                              |                             |

Regional Screening Level (RSL) Resident Soil Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |         |  |         |                                 |         |  |         |              |       |      |                             |                             |                            |                             | Contaminant         |                                      | Carcinogenic Target Risk (TR) = 1E-06 |                                       |   |                                 | Noncancer Hazard Index (HI) = 1 |                                  |                                       |         |
|--|---------|--|---------|---------------------------------|---------|--|---------|--------------|-------|------|-----------------------------|-----------------------------|----------------------------|-----------------------------|---------------------|--------------------------------------|---------------------------------------|---------------------------------------|---|---------------------------------|---------------------------------|----------------------------------|---------------------------------------|---------|
| SFO<br>(mg/kg-day) <sup>1</sup>            | ke<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>1</sup> | ke<br>y | RfD <sub>0</sub><br>(mg/kg-day) | ke<br>y | RfC <sub>0</sub><br>(mg/m <sup>3</sup> ) | ke<br>y | muta-<br>gen | GIABS | ABS  | C <sub>sat</sub><br>(mg/kg) | PEF<br>(m <sup>3</sup> /kg) | VF<br>(m <sup>3</sup> /kg) | CAS No.                     | Analyte             | Ingestion SL<br>TR=1.0E-6<br>(mg/kg) | Dermal SL<br>TR=1.0E-6<br>(mg/kg)     | Inhalation SL<br>TR=1.0E-6<br>(mg/kg) | Carcinogenic SL<br>TR=1.0E-6<br>(mg/kg) | Ingestion SL<br>HQ=1<br>(mg/kg) | Dermal SL<br>HQ=1<br>(mg/kg)    | Inhalation SL<br>HQ=1<br>(mg/kg) | Noncarcinogenic SL<br>HI=1<br>(mg/kg) |         |
| 1.8E-02                                    | C       | 5.1E-06                                  | C       | 1.5E-01                         | I       | 1.4E+09                                  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | ALAR                        | 1596-84-5           | 3.5E+01                              | 1.1E+02                               | 6.5E+05                               | 2.7E+01                                 | 1.2E+04                         | 4.2E+04                         |                                  |                                       | 9.2E+03 |
| 8.7E-03                                    | I       |  | I       | 4.0E-03                         | I       |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Acephate                    | 30560-19-1          | 7.3E+01                              | 2.3E+02                               |                                       | 5.6E+01                                 | 3.1E+02                         | 1.1E+03                         |                                  |                                       | 2.4E+02 |
|  |         | 2.2E-06                                  | I       |                                 |         | 9.0E-03                                  | I       | V            |       | 1    |                             | 1.1E+05                     | 1.4E+09                    | 9.4E+03                     | Acetaldehyde        | 75-07-0                              |                                       | 1.0E+01                               | 1.0E+01                                 |                                 |                                 | 8.8E+01                          |                                       | 8.8E+01 |
|  |         |  |         | 2.0E-02                         | I       |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Acetochlor                  | 34256-82-1          |                                      |                                       |                                       |   | 1.6E+03                         | 5.6E+03                         |                                  |                                       | 1.2E+03 |
|  |         |  |         | 9.0E-01                         | I       | 3.1E+01                                  | A       | V            |       | 1    |                             | 1.1E+05                     | 1.4E+09                    | 1.5E+04                     | Acetone             | 67-64-1                              |                                       |                                       |   | 7.0E+04                         |                                 | 4.7E+05                          |                                       | 6.1E+04 |
|  |         |  |         | 3.0E-03                         | P       | 6.0E-02                                  | P       | V            |       | 1    |                             | 1.1E+05                     | 1.4E+09                    | 2.6E+04                     | Acetone Cyanohydrin | 75-86-5                              |                                       |                                       |   | 2.3E+02                         |                                 | 1.6E+03                          |                                       | 2.0E+02 |
|  |         |  |         |                                 |         | 6.0E-02                                  | I       | V            |       | 1    |                             | 1.3E+05                     | 1.4E+09                    | 1.4E+04                     | Acetonitrile        | 75-05-8                              |                                       |                                       |   |                                 |                                 | 8.7E+02                          |                                       | 8.7E+02 |
| 3.8E+00                                    | C       | 1.3E-03                                  | C       | 1.0E-01                         | I       |  |         | V            |       | 1    |                             | 2.5E+03                     | 1.4E+09                    | 6.4E+04                     | Acetophenone        | 98-86-2                              |                                       |                                       |   | 7.8E+03                         |                                 |                                  |                                       | 7.8E+03 |
|  |         |  |         |                                 |         |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Acetylaminofluorene, 2-     | 53-96-3             | 1.7E-01                              | 5.3E-01                               | 2.5E+03                               | 1.3E-01                                 |                                 |                                 |                                  |                                       |         |
|  |         |  |         | 5.0E-04                         | I       | 2.0E-05                                  | I       | V            |       | 1    |                             | 2.3E+04                     | 1.4E+09                    | 7.4E+03                     | Acrolein            | 107-02-8                             |                                       |                                       |   |                                 | 3.9E+01                         | 1.6E-01                          |                                       | 1.5E-01 |
| 5.0E-01                                    | I       | 1.0E-04                                  | I       | 2.0E-03                         | I       | 6.0E-03                                  | I       |              | M     | 1    | 0.1                         | 1.4E+09                     |                            | Acrylamide                  | 79-06-1             | 3.0E-01                              | 1.0E+00                               | 1.3E+04                               | 2.3E-01                                 | 1.6E+02                         | 5.6E+02                         | 8.5E+06                          |                                       | 1.2E+02 |
|  |         |  |         | 5.0E-01                         | I       | 1.0E-03                                  | I       |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Acrylic Acid                | 79-10-7             |                                      |                                       |                                       |   | 3.9E+04                         | 1.4E+05                         | 1.4E+06                          |                                       | 3.0E+04 |
| 5.4E-01                                    | I       | 6.8E-05                                  | I       | 4.0E-02                         | A       | 2.0E-03                                  | I       | V            |       | 1    |                             | 1.1E+04                     | 1.4E+09                    | 8.3E+03                     | Acrylonitrile       | 107-13-1                             | 1.2E+00                               |                                       | 3.0E-01                                 | 2.4E-01                         | 3.1E+03                         |                                  | 1.7E+01                               | 1.7E+01 |
|  |         |  |         |                                 |         | 6.0E-03                                  | P       |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Adiponitrile                | 111-69-3            |                                      |                                       |                                       |   |                                 |                                 | 8.5E+06                          |                                       | 8.5E+06 |
| 5.6E-02                                    | C       |  |         | 1.0E-02                         | I       |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Alachlor                    | 15972-60-8          | 1.1E+01                              | 3.6E+01                               |                                       | 8.7E+00                                 | 7.8E+02                         | 2.8E+03                         |                                  |                                       | 6.1E+02 |
|  |         |  |         | 1.0E-03                         | I       |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Aldicarb                    | 116-06-3            |                                      |                                       |                                       |   | 7.8E+01                         | 2.8E+02                         |                                  |                                       | 6.1E+01 |
| 1.7E+01                                    | I       | 4.9E-03                                  | I       | 3.0E-05                         | I       |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Aldicarb Sulfone            | 1646-88-4           |                                      |                                       |                                       |   | 7.8E+01                         | 2.8E+02                         |                                  |                                       | 6.1E+01 |
|  |         |  |         |                                 |         |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Aldrin                      | 309-00-2            | 3.8E-02                              | 1.2E-01                               | 6.8E+02                               | 2.9E-02                                 | 2.3E+00                         | 8.4E+00                         |                                  |                                       | 1.8E+00 |
|  |         |  |         | 2.5E-01                         | I       |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Allyl                       | 74223-64-6          |                                      |                                       |                                       |   | 2.0E+04                         | 7.0E+04                         |                                  |                                       | 1.5E+04 |
| 2.1E-02                                    | C       | 6.0E-06                                  | C       | 5.0E-03                         | I       | 1.0E-04                                  | X       |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Allyl Alcohol               | 107-18-6            |                                      |                                       |                                       |   | 3.9E+02                         | 1.4E+03                         | 1.4E+05                          |                                       | 3.0E+02 |
|  |         |  |         |                                 |         | 1.0E-03                                  | I       | V            |       | 1    |                             | 1.4E+03                     | 1.4E+09                    | 1.7E+03                     | Allyl Chloride      | 107-05-1                             | 3.0E+01                               |                                       | 6.9E-01                                 | 6.8E-01                         |                                 | 1.8E+00                          |                                       | 1.8E+00 |
|  |         |  |         | 1.0E+00                         | P       | 5.0E-03                                  | P       |              |       | 1    |                             | 1.4E+09                     |                            | Aluminum                    | 7429-90-5           |                                      |                                       |                                       |   | 7.8E+04                         |                                 | 7.1E+06                          |                                       | 7.7E+04 |
|  |         |  |         | 4.0E-04                         | I       |  |         |              |       | 1    |                             | 1.4E+09                     |                            | Aluminum Phosphide          | 20859-73-8          |                                      |                                       |                                       |   | 3.1E+01                         |                                 |                                  |                                       | 3.1E+01 |
|  |         |  |         | 3.0E-04                         | I       |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Amdro                       | 67485-29-4          |                                      |                                       |                                       |   | 2.3E+01                         | 8.4E+01                         |                                  |                                       | 1.8E+01 |
|  |         |  |         | 9.0E-03                         | I       |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Ametryn                     | 834-12-8            |                                      |                                       |                                       |   | 7.0E+02                         | 2.5E+03                         |                                  |                                       | 5.5E+02 |
| 2.1E+01                                    | C       | 6.0E-03                                  | C       | 8.0E-02                         | P       |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Aminobiphenyl, 4-           | 92-67-1             | 3.0E-02                              | 9.6E-02                               | 5.5E+02                               | 2.3E-02                                 | 6.3E+03                         | 2.2E+04                         |                                  |                                       | 4.9E+03 |
|  |         |  |         |                                 |         |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Aminophenol, m-             | 591-27-5            |                                      |                                       |                                       |   |                                 |                                 |                                  |                                       |         |
|  |         |  |         | 2.0E-02                         | P       |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Aminophenol, p-             | 123-30-8            |                                      |                                       |                                       |   | 1.6E+03                         | 5.6E+03                         |                                  |                                       | 1.2E+03 |
|  |         |  |         | 2.5E-03                         | I       |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Amitraz                     | 33089-61-1          |                                      |                                       |                                       |   | 2.0E+02                         | 7.0E+02                         |                                  |                                       | 1.5E+02 |
|  |         |  |         |                                 |         | 1.0E-01                                  | I       |              |       | 1    |                             |                             |                            | Ammonia                     | 7664-41-7           |                                      |                                       |                                       |   |                                 |                                 |                                  |                                       |         |
|  |         |  |         | 7.0E-04                         | I       |  |         |              |       | 1    |                             | 1.4E+09                     |                            | Ammonium Perchlorate        | 7790-98-9           |                                      |                                       |                                       |   | 5.5E+01                         |                                 |                                  |                                       | 5.5E+01 |
| 5.7E-03                                    | I       | 1.6E-06                                  | C       | 2.0E-01                         | I       |  |         |              |       | 1    |                             | 1.4E+09                     |                            | Ammonium Sulfamate          | 7773-06-0           |                                      |                                       |                                       |   | 1.6E+04                         |                                 |                                  |                                       | 1.6E+04 |
|  |         |  |         | 7.0E-03                         | P       | 1.0E-03                                  | I       |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Aniline                     | 62-53-3             | 1.1E+02                              | 3.5E+02                               | 2.1E+06                               | 8.5E+01                                 | 5.5E+02                         | 2.0E+03                         | 1.4E+06                          |                                       | 4.3E+02 |
|  |         |  |         | 4.0E-04                         | I       |  |         |              |       | 0.15 |                             | 1.4E+09                     |                            | Antimony (metallic)         | 7440-36-0           |                                      |                                       |                                       |   | 3.1E+01                         |                                 |                                  |                                       | 3.1E+01 |
|  |         |  |         | 5.0E-04                         | H       |  |         |              |       | 0.15 |                             | 1.4E+09                     |                            | Antimony Pentoxide          | 1314-60-9           |                                      |                                       |                                       |   | 3.9E+01                         |                                 |                                  |                                       | 3.9E+01 |
|  |         |  |         | 9.0E-04                         | H       |  |         |              |       | 0.15 |                             | 1.4E+09                     |                            | Antimony Potassium Tartrate | 11071-15-1          |                                      |                                       |                                       |   | 7.0E+01                         |                                 |                                  |                                       | 7.0E+01 |
|  |         |  |         | 4.0E-04                         | H       |  |         |              |       | 0.15 |                             | 1.4E+09                     |                            | Antimony Tetroxide          | 1332-81-6           |                                      |                                       |                                       |   | 3.1E+01                         |                                 |                                  | 2.8E+05                               | 3.1E+01 |
|  |         |  |         |                                 |         | 2.0E-04                                  | I       |              |       | 0.15 |                             | 1.4E+09                     |                            | Antimony Trioxide           | 1309-64-4           |                                      |                                       |                                       |   |                                 |                                 |                                  |                                       | 2.8E+05 |
|  |         |  |         | 1.3E-02                         | I       |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Apollo                      | 74115-24-5          |                                      |                                       |                                       |   | 1.0E+03                         | 3.6E+03                         |                                  |                                       | 7.9E+02 |
| 2.5E-02                                    | I       | 7.1E-06                                  | I       | 5.0E-02                         | H       |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Aramite                     | 140-57-8            | 2.6E+01                              | 8.1E+01                               | 4.7E+05                               | 1.9E+01                                 | 3.9E+03                         | 1.4E+04                         |                                  |                                       | 3.1E+03 |
| 1.5E+00                                    | I       | 4.3E-03                                  | I       | 3.0E-04                         | I       | 1.5E-05                                  | C       |              |       | 1    | 0.03                        | 1.4E+09                     |                            | Arsenic, inorganic          | 7440-38-2           | 4.3E-01                              | 4.5E+00                               | 7.7E+02                               | 3.9E-01                                 | 2.3E+01                         | 2.8E+02                         | 2.1E+04                          |                                       | 2.2E+01 |
|  |         |  |         | 3.5E-06                         | C       | 5.0E-05                                  | I       |              |       | 1    |                             | 1.4E+09                     |                            | Arsine                      | 7784-42-1           |                                      |                                       |                                       |   | 2.7E-01                         |                                 | 7.1E+04                          |                                       | 2.7E-01 |
|  |         |  |         | 9.0E-03                         | I       |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Assure                      | 76578-14-8          |                                      |                                       |                                       |   | 7.0E+02                         | 2.5E+03                         |                                  |                                       | 5.5E+02 |
|  |         |  |         | 5.0E-02                         | I       |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Asulam                      | 3337-71-1           |                                      |                                       |                                       |   | 3.9E+03                         | 1.4E+04                         |                                  |                                       | 3.1E+03 |
| 2.3E-01                                    | C       |  |         | 3.5E-02                         | I       |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Atrazine                    | 1912-24-9           | 2.8E+00                              | 8.8E+00                               |                                       | 2.1E+00                                 | 2.7E+03                         | 9.8E+03                         |                                  |                                       | 2.1E+03 |
| 8.8E-01                                    | C       | 2.5E-04                                  | C       |                                 |         |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Auramine                    | 492-80-8            | 7.3E-01                              | 2.3E+00                               | 1.3E+04                               | 5.5E-01                                 |                                 |                                 |                                  |                                       |         |
|  |         |  |         | 4.0E-04                         | I       |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Avermectin B1               | 65195-55-3          |                                      |                                       |                                       |   | 3.1E+01                         | 1.1E+02                         |                                  |                                       | 2.4E+01 |
| 1.1E-01                                    | I       | 3.1E-05                                  | I       |                                 |         |  |         | V            |       | 1    |                             | 1.4E+09                     | 5.8E+05                    | Azobenzene                  | 103-33-3            | 5.8E+00                              |                                       | 4.5E+01                               | 5.1E+00                                 |                                 |                                 |                                  |                                       |         |
|  |         |  |         | 2.0E-01                         | I       | 5.0E-04                                  | H       |              |       | 0.07 |                             | 1.4E+09                     |                            | Barium                      | 7440-39-3           |                                      |                                       |                                       |   | 1.6E+04                         |                                 | 7.1E+05                          |                                       | 1.5E+04 |
|  |         |  |         | 4.0E-03                         | I       |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Baygon                      | 114-26-1            |                                      |                                       |                                       |   | 3.1E+02                         | 1.1E+03                         |                                  |                                       | 2.4E+02 |
|  |         |  |         | 3.0E-02                         | I       |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Bayleton                    | 43121-43-3          |                                      |                                       |                                       |   | 2.3E+03                         | 8.4E+03                         |                                  |                                       | 1.8E+03 |
|  |         |  |         | 2.5E-02                         | I       |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Baythroid                   | 68359-37-5          |                                      |                                       |                                       |   | 2.0E+03                         | 7.0E+03                         |                                  |                                       | 1.5E+03 |
|  |         |  |         | 3.0E-01                         | I       |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Benefin                     | 1861-40-1           |                                      |                                       |                                       |   | 2.3E+04                         | 8.4E+04                         |                                  |                                       | 1.8E+04 |
|  |         |  |         | 5.0E-02                         | I       |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Benomyl                     | 17804-35-2          |                                      |                                       |                                       |   | 3.9E+03                         | 1.4E+04                         |                                  |                                       | 3.1E+03 |
|  |         |  |         | 3.0E-02                         | I       |  |         |              |       | 1    | 0.1                         | 1.4E+09                     |                            | Bentazon                    | 25057-89-0          |                                      |                                       |                                       |   | 2.3E+03                         | 8.4E+03                         |                                  |                                       | 1.8E+03 |
| 5.5E-02                                    | I       | 7.8E-06                                  | I       | 1.0E-01                         | I       |  |         | V            |       | 1    |                             | 1.2E+03                     | 1.4E+09                    | 2.4E+04                     | Benzaldehyde        | 100-52-7                             | 1.2E+01                               |                                       | 1.2E+00                                 | 1.1E+00                         | 7.8E+03                         |                                  | 7.8E+03                               |         |
|  |         |  |         | 4.0E-03                         | I       | 3.0E-02                                  | I       | V</          |       |      |                             |                             |                            |                             |                     |                                      |                                       |                                       |   |                                 |                                 |                                  |                                       |         |

Regional Screening Level (RSL) Resident Soil Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |    |  |    |                              |    |                                       |    |         |      |       |       |                          | Contaminant              |                         | Carcinogenic Target Risk (TR) = 1E-06 |            |                                |                             | Noncancer Hazard Index (HI) = 1 |                                   |                           |                        |                            |                                 |         |
|--|----|--|----|------------------------------|----|---------------------------------------|----|---------|------|-------|-------|--------------------------|--------------------------|-------------------------|---------------------------------------|------------|--------------------------------|-----------------------------|---------------------------------|-----------------------------------|---------------------------|------------------------|----------------------------|---------------------------------|---------|
| SFO (mg/kg-day) <sup>-1</sup>              | ke | IUR (ug/m <sup>3</sup> ) <sup>-1</sup> | ke | RfD <sub>0</sub> (mg/kg-day) | ke | RfC <sub>0</sub> (ug/m <sup>3</sup> ) | ke | vo      | muta | GIABS | ABS   | C <sub>sat</sub> (mg/kg) | PEF (m <sup>3</sup> /kg) | VF (m <sup>3</sup> /kg) | Analyte                               | CAS No.    | Ingestion SL TR=1.0E-6 (mg/kg) | Dermal SL TR=1.0E-6 (mg/kg) | Inhalation SL TR=1.0E-6 (mg/kg) | Carcinogenic SL TR=1.0E-6 (mg/kg) | Ingestion SL HQ=1 (mg/kg) | Dermal SL HQ=1 (mg/kg) | Inhalation SL HQ=1 (mg/kg) | Noncarcinogenic SL HI=1 (mg/kg) |         |
| 1.3E+01                                    | I  |  |    |                              |    |                                       |    | V       |      | 1     |       | 3.2E+02                  | 1.4E+09                  | 7.3E+04                 | Benzotrichloride                      | 98-07-7    | 4.9E-02                        |                             |                                 | 4.9E-02                           |                           |                        |                            |                                 |         |
| 1.7E-01                                    | I  | 4.9E-05                                | C  | 1.0E-01                      | P  | 1.0E-03                               | P  | V       |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  | 2.7E+04                 | Benzyl Alcohol                        | 100-51-6   |                                |                             |                                 | 1.0E+00                           | 7.8E+03                   | 2.8E+04                | 2.9E+01                    | 6.1E+03                         |         |
|  |    | 2.4E-03                                | I  | 2.0E-03                      | P  | 2.0E-05                               | I  |         |      | 1     |       | 1.5E+03                  | 1.4E+09                  |                         | Benzyl Chloride                       | 100-44-7   | 3.8E+00                        |                             | 1.4E+00                         | 1.0E+00                           | 1.6E+02                   | 2.8E+04                | 2.9E+01                    | 2.4E+01                         |         |
|  |    |  |    |                              |    |                                       |    |         |      | 0.007 |       |                          | 1.4E+09                  |                         | Beryllium and compounds               | 7440-41-7  |                                |                             |                                 | 1.4E+03                           | 1.4E+03                   | 1.6E+02                | 2.8E+04                    | 1.6E+02                         |         |
|  |    |  |    | 1.0E-04                      | I  |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Bidrin                                | 141-66-2   |                                |                             |                                 |                                   | 7.8E+00                   | 2.8E+01                |                            | 6.1E+00                         |         |
|  |    |  |    | 9.0E-03                      | P  |                                       |    |         |      | 1     |       | 1.4E+09                  | 1.4E+09                  |                         | Bifenox                               | 42576-02-3 |                                |                             |                                 |                                   | 7.0E+02                   | 2.5E+03                |                            | 5.5E+02                         |         |
|  |    |  |    | 1.5E-02                      | I  |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Biphenthrin                           | 82657-04-3 |                                |                             |                                 |                                   |                           | 4.2E+03                |                            |                                 | 9.2E+02 |
| 7.0E-02                                    | H  | 1.0E-05                                | H  | 5.0E-02                      | I  |                                       |    | V       |      | 1     |       | 2.1E+02                  | 1.4E+09                  | 1.2E+05                 | Biphenyl, 1,1'-                       | 92-52-4    |                                |                             |                                 |                                   | 3.9E+03                   |                        |                            | 3.9E+03                         |         |
|  |    |  |    | 4.0E-02                      | I  |                                       |    | V       |      | 1     |       | 1.0E+03                  | 1.4E+09                  | 3.8E+04                 | Bis(2-chloro-1-methylethyl) ether     | 108-60-1   | 9.1E+00                        |                             | 9.2E+00                         | 4.6E+00                           | 3.1E+03                   |                        |                            | 3.1E+03                         |         |
|  |    |  |    | 3.0E-03                      | P  |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Bis(2-chloroethoxy)methane            | 111-91-1   |                                |                             |                                 |                                   | 2.3E+02                   | 8.4E+02                |                            | 1.8E+02                         |         |
| 1.1E+00                                    | I  | 3.3E-04                                | I  |                              |    |                                       |    | V       |      | 1     |       | 5.1E+03                  | 1.4E+09                  | 4.6E+04                 | Bis(2-chloroethyl)ether               | 111-44-4   | 5.8E-01                        |                             | 3.4E-01                         | 2.1E-01                           |                           |                        |                            | 3.9E+03                         |         |
| 1.4E-02                                    | I  | 2.4E-06                                | C  | 2.0E-02                      | I  |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Bis(2-ethylhexyl)phthalate            | 117-81-7   | 4.6E+01                        | 1.4E+02                     | 1.4E+06                         | 3.5E+01                           | 1.6E+03                   | 5.6E+03                |                            | 1.2E+03                         |         |
| 2.2E+02                                    | I  | 6.2E-02                                | I  |                              |    |                                       |    | V       |      | 1     |       | 4.2E+03                  | 1.4E+09                  | 2.0E+03                 | Bis(chloromethyl)ether                | 542-88-1   | 2.9E-03                        |                             | 7.9E-05                         | 7.7E-05                           |                           |                        |                            | 3.1E+03                         |         |
|  |    |  |    | 5.0E-02                      | I  |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Bisphenol A                           | 80-05-7    |                                |                             |                                 |                                   | 3.9E+03                   | 1.4E+04                |                            | 3.1E+03                         |         |
|  |    |  |    | 2.0E-01                      | I  | 2.0E-02                               | H  |         |      | 1     |       | 1.4E+09                  | 1.4E+09                  |                         | Boron And Borates Only                | 7440-42-8  |                                |                             |                                 |                                   | 1.6E+04                   |                        | 2.8E+07                    | 1.6E+04                         |         |
| 7.0E-01                                    | I  |  |    | 4.0E-02                      | C  | 1.3E-02                               | C  |         |      | 1     |       | 1.4E+09                  | 1.4E+09                  |                         | Boron Trifluoride                     | 7637-07-2  |                                |                             |                                 |                                   | 3.1E+03                   |                        | 1.8E+07                    | 3.1E+03                         |         |
| 2.0E+00                                    | X  | 6.0E-04                                | X  |                              |    |                                       |    | V       |      | 1     |       | 2.4E+03                  | 1.4E+09                  | 6.4E+03                 | Bromate                               | 15541-45-4 | 9.1E-01                        |                             |                                 | 9.1E-01                           | 3.1E+02                   |                        |                            | 3.1E+02                         |         |
|  |    |  |    | 8.0E-03                      | I  | 6.0E-02                               | I  | V       |      | 1     |       | 6.8E+02                  | 1.4E+09                  | 9.0E+03                 | Bromo-2-chloroethane, 1-              | 107-04-0   | 3.2E-01                        |                             | 2.6E-02                         | 2.4E-02                           |                           |                        |                            | 1.6E+04                         |         |
| 6.2E-02                                    | I  | 3.7E-05                                | C  | 2.0E-02                      | I  |                                       |    | V       |      | 1     |       | 9.3E+02                  | 1.4E+09                  | 4.3E+03                 | Bromobenzene                          | 108-86-1   | 1.0E+01                        |                             | 2.8E-01                         | 2.7E-01                           | 6.3E+02                   |                        | 5.6E+02                    | 3.0E+02                         |         |
| 7.9E-03                                    | I  | 1.1E-06                                | I  | 2.0E-02                      | I  |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Bromodichloromethane                  | 75-27-4    | 8.1E+01                        | 2.6E+02                     | 3.0E+06                         | 6.1E+01                           | 1.6E+03                   | 5.6E+03                |                            | 1.6E+03                         |         |
|  |    |  |    | 1.4E-03                      | I  | 5.0E-03                               | I  | V       |      | 1     |       | 3.6E+03                  | 1.4E+09                  | 1.5E+03                 | Bromofom                              | 75-25-2    |                                |                             |                                 |                                   | 1.6E+03                   | 5.6E+03                | 1.9E+00                    | 1.9E+00                         |         |
|  |    |  |    | 5.0E-03                      | H  |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Bromomethane                          | 74-83-9    |                                |                             |                                 |                                   | 1.1E+02                   |                        | 7.8E+00                    | 7.3E+00                         |         |
|  |    |  |    | 2.0E-02                      | I  |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Bromophos                             | 2104-96-3  |                                |                             |                                 |                                   | 3.9E+02                   | 1.4E+03                |                            | 3.1E+02                         |         |
|  |    |  |    | 2.0E-02                      | I  |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Bromoxynil                            | 1689-84-5  |                                |                             |                                 |                                   | 1.6E+03                   | 5.6E+03                |                            | 1.2E+03                         |         |
| 3.4E+00                                    | C  | 3.0E-05                                | I  |                              |    |                                       |    | V       |      | 1     |       | 6.7E+02                  | 1.4E+09                  | 9.3E+02                 | Bromoxynil Octanoate                  | 1689-99-2  | 1.9E-01                        |                             | 7.6E-02                         | 5.4E-02                           | 1.6E+03                   | 5.6E+03                |                            | 1.2E+03                         |         |
|  |    |  |    | 1.0E-01                      | I  |                                       |    | V       |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Butadiene, 1,3-                       | 106-99-0   |                                |                             |                                 |                                   | 7.8E+03                   | 2.8E+04                | 1.9E+00                    | 1.9E+00                         |         |
| 1.9E-03                                    | P  |  |    | 2.0E-01                      | I  |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Butanol, N-                           | 71-36-3    |                                |                             |                                 |                                   | 7.8E+03                   | 2.8E+04                |                            | 6.1E+03                         |         |
|  |    |  |    | 2.0E+00                      | P  | 3.0E+01                               | P  |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Butyl Benzyl Phthlate                 | 85-68-7    | 3.4E+02                        | 1.1E+03                     |                                 | 2.6E+02                           | 1.6E+04                   | 5.6E+04                |                            | 1.2E+04                         |         |
|  |    |  |    | 5.0E-02                      | I  |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Butyl alcohol, sec-                   | 78-92-2    |                                |                             |                                 |                                   | 1.6E+05                   | 5.6E+05                | 4.3E+10                    | 1.2E+05                         |         |
| 2.0E-04                                    | C  | 5.7E-08                                | C  |                              |    |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Butylate                              | 2008-41-5  |                                |                             |                                 |                                   | 3.9E+03                   | 1.4E+04                |                            | 3.1E+03                         |         |
|  |    |  |    | 1.0E+00                      | A  |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Butylated hydroxyanisole              | 25013-16-5 | 3.2E+03                        | 1.0E+04                     | 5.8E+07                         | 2.4E+03                           |                           |                        |                            | 6.1E+04                         |         |
|  |    |  |    | 2.0E-02                      | I  |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Butylphthalyl Butylglycolate          | 85-70-1    |                                |                             |                                 |                                   | 7.8E+04                   | 2.8E+05                |                            | 1.2E+03                         |         |
|  |    |  |    | 1.8E-03                      | I  | 1.0E-03                               | I  | 1.0E-05 | A    | 0.025 | 0.001 | 1.4E+09                  | 1.4E+09                  |                         | Cacodylic Acid                        | 75-60-5    |                                |                             |                                 |                                   | 1.6E+03                   | 5.6E+03                |                            | 1.6E+04                         |         |
|  |    |  |    | 1.8E-03                      | I  | 5.0E-04                               | I  | 1.0E-05 | A    | 0.05  | 0.001 | 1.4E+09                  | 1.4E+09                  |                         | Cadmium (Diet)                        | 7440-43-9  |                                |                             | 1.8E+03                         | 1.8E+03                           | 7.8E+01                   | 7.0E+02                | 1.4E+04                    | 7.0E+01                         |         |
|  |    |  |    | 5.0E-01                      | I  |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Cadmium (Water)                       | 7440-43-9  |                                |                             |                                 |                                   | 3.9E+04                   | 1.4E+05                |                            | 3.1E+04                         |         |
|  |    |  |    |                              |    |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Caprolactam                           | 105-60-2   |                                |                             |                                 |                                   |                           |                        |                            |                                 | 3.1E+04 |
| 1.5E-01                                    | C  | 4.3E-05                                | C  | 2.0E-03                      | I  |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Captafol                              | 2425-06-1  | 4.3E+00                        | 1.3E+01                     | 7.7E+04                         | 3.2E+00                           | 1.6E+02                   | 5.6E+02                |                            | 1.2E+02                         |         |
| 2.3E-03                                    | C  | 6.6E-07                                | C  | 1.3E-01                      | I  |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Captan                                | 133-06-2   | 2.8E+02                        | 8.8E+02                     | 5.0E+06                         | 2.1E+02                           | 1.0E+04                   | 3.6E+04                |                            | 7.9E+03                         |         |
|  |    |  |    | 1.0E-01                      | I  |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Carbaryl                              | 63-25-2    |                                |                             |                                 |                                   | 7.8E+03                   | 2.8E+04                |                            | 6.1E+03                         |         |
|  |    |  |    | 5.0E-03                      | I  |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Carbofuran                            | 1563-66-2  |                                |                             |                                 |                                   |                           | 3.9E+02                | 1.4E+03                    |                                 | 3.1E+02 |
| 7.0E-02                                    | I  | 6.0E-06                                | I  | 1.0E-01                      | I  | 7.0E-01                               | I  | V       |      | 1     |       | 7.4E+02                  | 1.4E+09                  | 1.3E+03                 | Carbon Disulfide                      | 75-15-0    | 9.1E+00                        |                             |                                 | 6.1E-01                           | 7.8E+03                   |                        | 9.2E+02                    | 8.2E+02                         |         |
|  |    |  |    | 4.0E-03                      | I  | 1.0E-01                               | I  | V       |      | 1     |       | 4.6E+02                  | 1.4E+09                  | 1.6E+03                 | Carbon Tetrachloride                  | 56-23-5    |                                |                             | 6.5E-01                         |                                   | 3.1E+02                   |                        | 1.7E+02                    | 1.1E+02                         |         |
|  |    |  |    | 1.0E-02                      | I  |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Carbosulfan                           | 55285-14-8 |                                |                             |                                 |                                   | 7.8E+02                   | 2.8E+03                |                            | 6.1E+02                         |         |
|  |    |  |    | 1.0E-01                      | I  |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Carboxin                              | 5234-68-4  |                                |                             |                                 |                                   | 7.8E+03                   | 2.8E+04                |                            | 6.1E+03                         |         |
|  |    |  |    |                              |    | 9.0E-04                               | I  |         |      | 1     |       | 1.4E+09                  | 1.4E+09                  |                         | Ceric oxide                           | 1306-38-3  |                                |                             |                                 |                                   |                           |                        | 1.3E+06                    | 1.3E+06                         |         |
| 4.0E-01                                    | H  |  |    | 1.0E-01                      | I  |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Chloral Hydrate                       | 302-17-0   |                                |                             |                                 |                                   | 7.8E+03                   | 2.8E+04                |                            | 6.1E+03                         |         |
|  |    |  |    | 1.5E-02                      | I  |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Chloramben                            | 133-90-4   | 1.6E+00                        | 5.0E+00                     |                                 | 1.2E+00                           | 1.2E+03                   | 4.2E+03                |                            | 9.2E+02                         |         |
|  |    |  |    |                              |    |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Chloranil                             | 118-75-2   |                                |                             |                                 |                                   |                           |                        |                            |                                 | 9.2E+02 |
| 3.5E-01                                    | I  | 1.0E-04                                | I  | 5.0E-04                      | I  | 7.0E-04                               | I  |         |      | 1     | 0.04  | 1.4E+09                  | 1.4E+09                  |                         | Chlordane                             | 12789-03-6 | 1.8E+00                        | 1.4E+01                     | 3.3E+04                         | 1.6E+00                           | 3.9E+01                   | 3.5E+02                | 9.9E+05                    | 3.5E+01                         |         |
| 1.0E+01                                    | I  | 4.6E-03                                | C  | 3.0E-04                      | I  |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Chlordecone (Kepone)                  | 143-50-0   | 6.4E-02                        | 2.0E-01                     | 7.2E+02                         | 4.9E-02                           | 2.3E+01                   | 8.4E+01                |                            | 1.8E+01                         |         |
|  |    |  |    | 7.0E-04                      | A  |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Chlorfenwinphos                       | 470-90-6   |                                |                             |                                 |                                   | 5.5E+01                   | 2.0E+02                |                            | 4.3E+01                         |         |
|  |    |  |    | 2.0E-02                      | I  |                                       |    |         |      | 1     | 0.1   | 1.4E+09                  | 1.4E+09                  |                         | Chlorimuron, Ethyl-                   | 90982-32-4 |                                |                             |                                 |                                   | 1.6E+03                   | 5.6E+03                |                            | 1.2E+03                         |         |
|  |    |  |    | 1.0E-01                      | I  | 1.5E-04                               | A  |         |      | 1     |       | 1.4E+09                  | 1.4E+09                  |                         | Chlorine                              | 7782-50-5  |                                |                             |                                 |                                   | 7.8E+03                   |                        | 2.1E+05                    | 7.5E+03                         |         |
|  |    |  |    | 3.0E-02                      | I  |                                       |    |         |      |       |       |                          |                          |                         |                                       |            |                                |                             |                                 |                                   |                           |                        |                            |                                 |         |

Regional Screening Level (RSL) Resident Soil Table November 2010

| Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1 |             |   |             |                                 |             |  |             |              |                     |             |                               |                                       |                               |   |  |                                      |                                   |                                       |   |                                 |                               |                                  |                                       |                               |
|---|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------|---------------------|-------------|-------------------------------|---------------------------------------|-------------------------------|---|--|--------------------------------------|-----------------------------------|---------------------------------------|---|---------------------------------|-------------------------------|----------------------------------|---------------------------------------|-------------------------------|
| Toxicity and Chemical-specific Information  |             |   |             |                                 |             |  |             |              |                     | Contaminant |                               | Carcinogenic Target Risk (TR) = 1E-06 |                               |   |  | Noncancer Hazard Index (HI) = 1      |                                   |                                       |   |                                 |                               |                                  |                                       |                               |
| SFO<br>(mg/kg-day) <sup>-1</sup>  | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>0</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>0</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | muta-<br>gen | GIABS               | ABS         | C <sub>sat</sub><br>(mg/kg)   | PEF<br>(m <sup>3</sup> /kg)           | VF<br>(m <sup>3</sup> /kg)    | Analyte   | CAS No.                                | Ingestion SL<br>TR=1.0E-6<br>(mg/kg) | Dermal SL<br>TR=1.0E-6<br>(mg/kg) | Inhalation SL<br>TR=1.0E-6<br>(mg/kg) | Carcinogenic SL<br>TR=1.0E-6<br>(mg/kg) | Ingestion SL<br>HQ=1<br>(mg/kg) | Dermal SL<br>HQ=1<br>(mg/kg)  | Inhalation SL<br>HQ=1<br>(mg/kg) | Noncarcinogenic SL<br>HI=1<br>(mg/kg) |                               |
| 2.0E-01   | P           |   |             | 4.0E-03<br>2.0E-02              | I<br>P V    | 3.0E-05<br>5.0E-02                       | I<br>P V    |              | 1<br>1              | 0.1<br>0.1  | 1.4E+09<br>1.4E+09            |                                       | 6.9E+03                       | Chloroacetophenone, 2-<br>Chloroaniline, p-<br>Chlorobenzene                | 532-27-4<br>106-47-8<br>108-90-7       | 3.2E+00                              | 1.0E+01                           |                                       | 2.4E+00                                 | 3.1E+02<br>1.6E+03              | 1.1E+03                       |                                  | 4.3E+04<br>3.6E+02                    | 4.3E+04<br>2.4E+02<br>2.9E+02 |
| 1.1E-01   | C           | 3.1E-05                                   | C           | 2.0E-02<br>3.0E-02<br>3.0E-03   | I<br>X<br>P | 2.0E-02<br>3.0E-01                       | I<br>P V    |              | 1<br>1<br>1         | 0.1<br>0.1  | 1.4E+09<br>1.4E+09            |                                       | 7.3E+03                       | Chlorobenzilate<br>Chlorobenzoic Acid, p-<br>Chlorobenzotrifluoride, 4-     | 510-15-6<br>74-11-3<br>98-56-6         | 5.8E+00                              | 1.8E+01                           | 1.1E+05                               | 4.4E+00                                 | 1.6E+03<br>2.3E+03              | 5.6E+03<br>8.4E+03            |                                  | 1.2E+03<br>1.8E+03<br>2.1E+02         |                               |
| 3.1E-02   | C           | 2.3E-05                                   | I           | 1.0E-02                         | I           | 5.0E+01<br>9.8E-02                       | I V<br>A V  |              | 1<br>1              |             | 1.7E+03<br>2.5E+03            | 1.4E+09<br>1.4E+09                    | 1.0E+03<br>2.8E+03            | Chlorobutane, 1-<br>Chlorodifluoromethane<br>Chloroform                     | 109-69-3<br>75-45-6<br>67-66-3         | 2.1E+01                              |                                   | 3.0E-01                               | 2.9E-01                                 | 7.8E+02                         |                               | 5.3E+04<br>2.9E+02               | 3.1E+03<br>5.3E+04<br>2.1E+02         |                               |
| 2.4E+00   | C           | 6.9E-04                                   | C           | 8.0E-02                         | I           | 9.0E-02                                  | I V         |              | 1                   |             | 1.3E+03<br>2.6E+04            | 1.4E+09<br>1.4E+09                    | 1.3E+03<br>5.7E+03            | Chloromethane<br>Chloromethyl Methyl Ether<br>Chloronaphthalene, Beta-      | 74-87-3<br>107-30-2<br>91-58-7         | 2.7E-01                              |                                   | 2.0E-02                               | 1.9E-02                                 | 6.3E+03                         |                               | 1.2E+02                          | 1.2E+02                               |                               |
| 3.0E-01<br>6.3E-03  | P<br>P      |   |             | 3.0E-03<br>1.0E-03<br>5.0E-03   | P<br>P<br>I | 1.0E-05<br>6.0E-04                       | X<br>P<br>V |              | 1<br>1<br>1         | 0.1<br>0.1  | 1.4E+09<br>1.4E+09            |                                       | 1.3E+05                       | Chloronitrobenzene, o-<br>Chloronitrobenzene, p-<br>Chlorophenol, 2-        | 88-73-3<br>100-00-5<br>95-57-8         | 2.1E+00<br>1.0E+02                   | 6.7E+00<br>3.2E+02                |                                       | 1.6E+00<br>7.7E+01                      | 2.3E+02<br>7.8E+01<br>3.9E+02   | 8.4E+02<br>2.8E+02            | 1.4E+04<br>8.5E+05               | 1.8E+02<br>6.1E+01<br>3.9E+02         |                               |
| 3.1E-03   | C           | 8.9E-07                                   | C           | 1.5E-02<br>2.0E-02              | I<br>I      | 4.0E-04                                  | C V         |              | 1                   | 0.1         | 6.2E+02<br>1.4E+09            | 1.4E+09                               | 5.0E+03                       | Chloropicrin<br>Chlorothalonil<br>Chlorotoluene, o-                         | 76-06-2<br>1897-45-6<br>95-49-8        | 2.1E+02                              | 6.5E+02                           | 3.7E+06                               | 1.6E+02                                 | 1.2E+03<br>1.6E+03              | 4.2E+03                       | 2.1E+00                          | 2.1E+00<br>9.2E+02<br>1.6E+03         |                               |
| 2.4E+02   | C           | 6.9E-02                                   | C           | 7.0E-02<br>2.0E-01              | P<br>I      |  | V           |              | 1<br>1              | 0.1<br>0.1  | 2.5E+02<br>1.4E+09            | 1.4E+09                               | 7.9E+03                       | Chlorotoluene, p-<br>Chlorozotocin<br>Chlorpropham                          | 106-43-4<br>54749-90-5<br>101-21-3     | 2.7E-03                              | 8.4E-03                           | 4.8E+01                               | 2.0E-03                                 | 5.5E+03                         |                               | 1.6E+04<br>5.6E+04               | 1.2E+04<br>5.5E+03                    |                               |
| 5.0E-01   | J           | 8.4E-02                                   | S           | 8.0E-04<br>1.5E+00<br>3.0E-03   | H<br>I<br>I | 1.0E-04                                  | I           | M            | 1<br>0.013<br>0.025 |             | 1.4E+09<br>1.4E+09            | 1.4E+09                               |                               | Chlorthiophos<br>Chromium(III), Insoluble Salts<br>Chromium(VI)             | 60238-56-4<br>16065-83-1<br>18540-29-9 | 3.0E-01                              |                                   | 1.6E+01                               | 2.9E-01                                 | 6.3E+01<br>1.2E+05<br>2.3E+02   | 2.2E+02                       | 1.4E+05                          | 4.9E+01<br>1.2E+05<br>2.3E+02         |                               |
|   |             | 9.0E-03<br>6.2E-04                        | P<br>I      | 3.0E-04                         | P           | 6.0E-06                                  | P           |              | 1<br>1              | 0.1         | 1.4E+09                       | 1.4E+09                               |                               | Chromium, Total<br>Cobalt<br>Coke Oven Emissions                            | 7440-47-3<br>7440-48-4<br>8007-45-2    |                                      |                                   | 3.7E+02                               | 3.7E+02                                 | 2.3E+01                         |                               | 8.5E+03                          | 2.3E+01                               |                               |
|   |             | 4.0E-02<br>5.0E-02<br>5.0E-02             | H<br>I<br>I | 6.0E-01                         | C           | 6.0E-01                                  | C           |              | 1<br>1<br>1         | 0.1         | 1.4E+09                       | 1.4E+09                               |                               | Copper<br>Cresol, m-<br>Cresol, o-  | 7440-50-8<br>108-39-4<br>95-48-7       |                                      |                                   |                                       | 3.1E+03<br>3.9E+03<br>3.9E+03           | 1.4E+04<br>1.4E+04              | 8.5E+08<br>8.5E+08            | 3.1E+03<br>3.1E+03               |                                       |                               |
|   |             | 5.0E-03<br>1.0E-01<br>1.0E-01             | H<br>X<br>A | 6.0E-01                         | C           | 6.0E-01                                  | C V         |              | 1<br>1<br>1         | 0.1         | 1.4E+09                       | 1.4E+09                               | 3.3E+05                       | Cresol, p-<br>Cresol, p-chloro-m-<br>Cresols                                | 106-44-5<br>59-50-7<br>1319-77-3       |                                      |                                   |                                       | 3.9E+02<br>7.8E+03<br>7.8E+03           | 1.4E+03<br>2.8E+04              | 8.5E+08                       | 3.1E+02<br>6.1E+03<br>7.5E+03    |                                       |                               |
| 1.9E+00   | H           |   |             | 1.0E-01                         | I           | 4.0E-01                                  | I V         |              | 1                   |             | 1.7E+04<br>2.7E+02            | 1.4E+09                               | 2.0E+04<br>6.7E+03            | Crotonaldehyde, trans-<br>Cumene<br>Cupferron                               | 123-73-9<br>98-82-8<br>135-20-6        | 3.4E-01                              |                                   |                                       | 3.4E-01                                 | 7.8E+03                         |                               | 2.8E+03                          | 2.1E+03                               |                               |
| 2.2E-01   | C           | 6.3E-05                                   | C           | 2.0E-03                         | H           |  |             |              | 1                   | 0.1         | 1.4E+09                       | 1.4E+09                               |                               | Cyanazine<br>Cyanides<br>~Calcium Cyanide                                   | 21725-46-2<br>592-01-8                 | 7.6E-01                              | 2.4E+00                           |                                       | 5.8E-01                                 | 1.6E+02<br>3.1E+03              | 5.6E+02                       |                                  | 1.2E+02<br>3.1E+03                    |                               |
|   |             | 4.0E-02                                   | I           | 5.0E-03<br>2.0E-02<br>4.0E-02   | I<br>I<br>I |  | V           |              | 1<br>1<br>1         |             | 1.0E+07<br>1.5E+03            | 1.4E+09                               | 5.0E+04<br>1.3E+03            | ~Copper Cyanide<br>~Cyanide (CN-)<br>~Cyanogen                              | 544-92-3<br>57-12-5<br>460-19-5        |                                      |                                   |                                       |   | 3.9E+02<br>1.6E+03<br>3.1E+03   |                               | 3.9E+02<br>1.6E+03<br>3.1E+03    |                                       |                               |
|   |             | 9.0E-02<br>5.0E-02<br>6.0E-04             | I<br>I<br>I | 8.0E-04                         | I V         |  | V           |              | 1<br>1<br>1         |             | 1.0E+05<br>4.3E+03<br>1.2E+05 | 1.4E+09                               | 9.7E+02<br>2.1E+03<br>6.1E+03 | ~Cyanogen Bromide<br>~Cyanogen Chloride<br>~Hydrogen Cyanide                | 506-68-3<br>506-77-4<br>74-90-8        |                                      |                                   |                                       |   | 7.0E+03<br>3.9E+03<br>4.7E+01   |                               | 5.1E+00                          | 7.0E+03<br>3.9E+03<br>4.6E+00         |                               |
|   |             | 5.0E-02<br>2.0E-01<br>1.0E-01             | I<br>I<br>I |                                 |             |  |             |              | 1<br>0.04<br>0.04   |             | 1.4E+09                       | 1.4E+09                               |                               | ~Potassium Cyanide<br>~Potassium Silver Cyanide<br>~Silver Cyanide          | 151-50-8<br>506-61-6<br>506-64-9       |                                      |                                   |                                       |   | 3.9E+03<br>1.6E+04<br>7.8E+03   |                               | 3.9E+03<br>1.6E+04<br>7.8E+03    |                                       |                               |
|   |             | 4.0E-02<br>2.0E-04<br>5.0E-02             | I<br>P<br>I |                                 |             |  | V           |              | 1<br>1<br>1         |             | 1.4E+09                       | 4.6E+03                               | 7.1E+03                       | ~Sodium Cyanide<br>~Thiocyanate<br>~Zinc Cyanide                            | 143-33-9<br>463-56-9<br>557-21-1       |                                      |                                   |                                       |   | 3.1E+03<br>1.6E+01<br>3.9E+03   |                               |                                  | 3.1E+03<br>1.6E+01<br>3.9E+03         |                               |
| 2.3E-02   | H           |   |             | 6.0E+00                         | I V         |  |             |              | 1                   |             | 1.2E+02                       | 1.4E+09                               | 1.1E+03                       | Cyclohexane<br>Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-<br>Cyclohexanone | 110-82-7<br>87-84-3<br>108-94-1        | 2.8E+01                              | 8.8E+01                           |                                       | 2.1E+01                                 |                                 | 7.0E+03                       | 7.0E+03                          |                                       |                               |
|   |             | 2.0E-01<br>5.0E-03<br>1.0E-02             | I<br>I<br>I |                                 |             |  |             |              | 1<br>1<br>1         | 0.1         | 1.4E+09                       | 1.4E+09                               |                               | Cyclohexylamine<br>Cyhalothrin/karate<br>Cypermethrin                       | 108-91-8<br>68085-85-8<br>52315-07-8   |                                      |                                   |                                       |   | 1.6E+04<br>3.9E+02<br>7.8E+02   | 5.6E+04<br>1.4E+03<br>2.8E+03 |                                  | 1.2E+04<br>3.1E+02<br>6.1E+02         |                               |



| Toxicity and Chemical-specific Information |    |                                    |    |                  |    |                      |    |      |       |     |                  |                      |                      | Contaminant  |            | Carcinogenic Target Risk (TR) = 1E-06 |           |               |                 | Noncancer Hazard Index (HI) = 1 |           |               |                    |
|--|----|------------------------------------|----|------------------|----|----------------------|----|------|-------|-----|------------------|----------------------|----------------------|--|------------|---------------------------------------|-----------|---------------|-----------------|---------------------------------|-----------|---------------|--------------------|
| SFO  | ke | IUR                                | ke | RfD <sub>0</sub> | ke | RfC                  | ke | muta | GIABS | ABS | C <sub>cat</sub> | PEF                  | VF                   | Analyte  | CAS No.    | Ingestion SL                          | Dermal SL | Inhalation SL | Carcinogenic SL | Ingestion SL                    | Dermal SL | Inhalation SL | Noncarcinogenic SL |
| (mg/kg-day) <sup>-1</sup>                  | v  | (ug/m <sup>3</sup> ) <sup>-1</sup> | v  | (mg/kg-day)      | v  | (mg/m <sup>3</sup> ) | v  | gen  |       |     | (mg/kg)          | (m <sup>3</sup> /kg) | (m <sup>3</sup> /kg) |  |            | TR=1.0E-6                             | TR=1.0E-6 | TR=1.0E-6     | TR=1.0E-6       | HQ=1                            | HQ=1      | HQ=1          | HI=1               |
|  |    |                                    |    |                  |    |                      |    |      |       | 1   | 0.1              | 1.4E+09              |                      | Cyromazine   | 66215-27-8 |                                       |           |               |                 | 5.9E+02                         | 2.1E+03   |               | 4.6E+02            |
| 2.4E-01                                    | I  | 6.9E-05                            | C  | 7.5E-03          | I  |                      |    |      |       | 1   | 0.1              | 1.4E+09              |                      | DDD  | 72-54-8    | 2.7E+00                               | 8.4E+00   | 4.8E+04       | 2.0E+00         |                                 |           |               |                    |
| 3.4E-01                                    | I  | 9.7E-05                            | C  |                  |    |                      |    |      |       | 1   | 0.1              | 1.4E+09              |                      | DDE, p,p'  | 72-55-9    | 1.9E+00                               | 6.0E+00   | 3.4E+04       | 1.4E+00         |                                 |           |               |                    |
| 3.4E-01                                    | I  | 9.7E-05                            | I  | 5.0E-04          | I  |                      |    |      |       | 1   | 0.03             | 1.4E+09              |                      | DDT  | 50-29-3    | 1.9E+00                               | 2.0E+01   | 3.4E+04       | 1.7E+00         | 3.9E+01                         | 4.7E+02   |               | 3.6E+01            |
|  |    |                                    |    | 1.0E-02          | I  |                      |    |      |       | 1   | 0.1              | 1.4E+09              |                      | Dacthal  | 1861-32-1  |                                       |           |               |                 | 7.8E+02                         | 2.8E+03   |               | 6.1E+02            |
|  |    |                                    |    | 3.0E-02          | I  |                      |    |      |       | 1   | 0.1              | 1.4E+09              |                      | Dalapon  | 75-99-0    |                                       |           |               |                 | 2.3E+03                         | 8.4E+03   |               | 1.8E+03            |
| 7.0E-04                                    | I  |                                    |    | 7.0E-03          | I  |                      |    |      |       | 1   | 0.1              | 1.4E+09              |                      | Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209) | 1163-19-5  | 9.1E+02                               | 2.9E+03   |               | 6.9E+02         | 5.5E+02                         | 2.0E+03   |               | 4.3E+02            |
|  |    |                                    |    | 4.0E-05          | I  |                      |    |      |       | 1   | 0.1              | 1.4E+09              |                      | Demeton  | 8065-48-3  |                                       |           |               |                 | 3.1E+00                         | 1.1E+01   |               | 2.4E+00            |
| 1.2E-03                                    | I  |                                    |    | 6.0E-01          | I  |                      |    |      |       | 1   | 0.1              | 1.4E+09              |                      | Dij(2-ethylhexyl)adipate                                     | 103-23-1   | 5.3E+02                               | 1.7E+03   |               | 4.0E+02         | 4.7E+04                         | 1.7E+05   |               | 3.7E+04            |
| 6.1E-02                                    | H  |                                    |    |                  |    |                      |    |      |       | 1   | 0.1              | 1.4E+09              |                      | Diallate   | 2303-16-4  | 1.0E+01                               | 3.3E+01   |               | 8.0E+00         |                                 |           |               |                    |
|  |    |                                    |    | 7.0E-04          | A  |                      |    |      |       | 1   | 0.1              | 1.4E+09              |                      | Diazinon   | 333-41-5   |                                       |           |               |                 | 5.5E+01                         | 2.0E+02   |               | 4.3E+01            |
| 8.0E-01                                    | P  | 6.0E-03                            | P  | 2.0E-04          | P  | 2.0E-04              | I  | V    | M     | 1   | 9.8E+02          | 1.4E+09              | 3.4E+04              | Dibromo-3-chloropropane, 1,2-                                | 96-12-8    | 1.9E-01                               |           | 5.5E-03       | 5.4E-03         | 1.6E+01                         | 2.0E+02   | 7.2E+00       | 4.9E+00            |
|  |    |                                    |    | 1.0E-02          | I  |                      |    |      |       | 1   | 0.1              | 1.4E+09              |                      | Dibromobenzene, 1,4-   | 106-37-6   |                                       |           |               |                 | 7.8E+02                         | 2.8E+03   |               | 6.1E+02            |
| 8.4E-02                                    | I  | 2.7E-05                            | C  | 2.0E-02          | I  |                      |    | V    |       | 1   | 0.1              | 8.0E+02              | 1.4E+09              | Dibromo-chloromethane  | 124-48-1   | 7.6E+00                               | 2.4E+01   | 7.7E-01       | 6.8E-01         | 1.6E+03                         | 5.6E+03   |               | 1.2E+03            |
| 2.0E+00                                    | I  | 6.0E-04                            | I  | 9.0E-03          | I  | 9.0E-03              | I  | V    |       | 1   | 1.3E+03          | 1.4E+09              | 9.3E+03              | Dibromoethane, 1,2-  | 106-93-4   | 3.2E-01                               |           | 3.8E-02       | 3.4E-02         | 7.0E+02                         |           | 8.7E+01       | 7.8E+01            |
|  |    |                                    |    | 1.0E-02          | H  | 4.0E-03              | X  | V    |       | 1   | 2.8E+03          | 1.4E+09              | 6.1E+03              | Dibromomethane (Methylene Bromide)                           | 74-95-3    |                                       |           |               |                 | 7.8E+02                         |           | 2.5E+01       | 2.5E+01            |
|  |    |                                    |    | 1.0E-01          | I  |                      |    |      |       | 1   | 0.1              | 1.4E+09              |                      | Dibutyl Phthalate  | 84-74-2    |                                       |           |               |                 | 7.8E+03                         | 2.8E+04   |               | 6.1E+03            |
|  |    |                                    |    | 3.0E-04          | P  |                      |    |      |       | 1   | 0.1              | 1.4E+09              |                      | Dibutyltin Compounds   | NA         |                                       |           |               |                 | 2.3E+01                         | 8.4E+01   |               | 1.8E+01            |
|  |    |                                    |    | 3.0E-02          | I  |                      |    |      |       | 1   | 0.1              | 1.4E+09              |                      | Dicamba  | 1918-00-9  |                                       |           |               |                 | 2.3E+03                         | 8.4E+03   |               | 1.8E+03            |
|  |    | 4.2E-03                            | P  |                  |    |                      |    | V    |       | 1   | 5.2E+02          | 1.4E+09              | 1.1E+04              | Dichloro-2-butene, 1,4-                                      | 764-41-0   |                                       |           | 6.5E-03       | 6.5E-03         |                                 |           |               |                    |
|  |    | 4.2E-03                            | P  |                  |    |                      |    | V    |       | 1   | 0.1              | 5.2E+02              | 1.4E+09              | Dichloro-2-butene, cis-1,4-                                  | 1476-11-5  |                                       |           | 6.9E-03       | 6.9E-03         |                                 |           |               |                    |
| 5.0E-02                                    | I  | 4.2E-03                            | P  | 4.0E-03          | I  | 2.0E-01              | H  | V    |       | 1   | 0.1              | 7.6E+02              | 1.4E+09              | Dichloro-2-butene, trans-1,4-                                | 110-57-6   |                                       |           | 6.9E-03       | 6.9E-03         |                                 |           |               |                    |
|  |    |                                    |    | 9.0E-02          | I  | 2.0E-01              | H  | V    |       | 1   | 0.1              | 1.4E+09              |                      | Dichloroacetic Acid  | 79-43-6    | 1.3E+01                               | 4.0E+01   |               | 9.7E+00         | 3.1E+02                         | 1.1E+03   |               | 2.4E+02            |
|  |    |                                    |    | 9.0E-02          | I  | 2.0E-01              | H  | V    |       | 1   | 3.8E+02          | 1.4E+09              | 1.3E+04              | Dichlorobenzene, 1,2-  | 95-50-1    |                                       |           |               |                 | 7.0E+03                         | 2.6E+03   |               | 1.9E+03            |
| 5.4E-03                                    | C  | 1.1E-05                            | C  | 7.0E-02          | A  | 8.0E-01              | I  | V    |       | 1   | 1.4E+09          | 1.1E+04              |                      | Dichlorobenzene, 1,4-  | 106-46-7   | 1.2E+02                               |           | 2.5E+00       | 2.4E+00         | 5.5E+03                         |           | 9.4E+03       | 3.5E+03            |
| 4.5E-01                                    | I  | 3.4E-04                            | C  |                  |    |                      |    |      |       | 1   | 0.1              | 1.4E+09              |                      | Dichlorobenzidine, 3,3'                                      | 91-94-1    | 1.4E+00                               | 4.5E+00   | 9.7E+03       | 1.1E+00         |                                 |           |               |                    |
|  |    |                                    |    | 9.0E-03          | X  |                      |    |      |       | 1   | 0.1              | 1.4E+09              |                      | Dichlorobenzophenone, 4,4'                                   | 90-98-2    |                                       |           |               |                 | 7.0E+02                         | 2.5E+03   |               | 5.5E+02            |
|  |    |                                    |    | 2.0E-01          | I  | 2.0E-01              | H  | V    |       | 1   | 8.5E+02          | 1.4E+09              | 9.0E+02              | Dichlorodifluoromethane                                      | 75-71-8    |                                       |           |               |                 | 1.6E+04                         |           | 1.9E+02       | 1.8E+02            |
| 5.7E-03                                    | C  | 1.6E-06                            | C  | 2.0E-01          | P  |                      |    | V    |       | 1   | 1.7E+03          | 1.4E+09              | 2.2E+03              | Dichloroethane, 1,1-   | 75-34-3    | 1.1E+02                               |           | 3.4E+00       | 3.3E+00         | 1.6E+04                         |           |               | 1.6E+04            |
| 9.1E-02                                    | I  | 2.6E-05                            | I  | 2.0E-02          | P  | 2.4E+00              | A  | V    |       | 1   | 3.0E+03          | 1.4E+09              | 4.9E+03              | Dichloroethane, 1,2-   | 107-06-2   | 7.0E+00                               |           | 4.6E-01       | 4.3E-01         | 1.6E+03                         | 1.2E+04   |               | 1.4E+03            |
|  |    |                                    |    | 5.0E-02          | I  | 2.0E-01              | I  | V    |       | 1   | 1.2E+03          | 1.4E+09              | 1.2E+03              | Dichloroethylene, 1,1-                                       | 75-35-4    |                                       |           |               |                 | 3.9E+03                         |           | 2.6E+02       | 2.4E+02            |
|  |    |                                    |    | 9.0E-03          | H  |                      |    | V    |       | 1   | 1.3E+03          | 1.4E+09              | 2.7E+03              | Dichloroethylene, 1,2- (Mixed Isomers)                       | 540-59-0   |                                       |           |               |                 | 7.0E+02                         |           |               | 7.0E+02            |
|  |    |                                    |    | 2.0E-03          | I  |                      |    | V    |       | 1   | 2.4E+03          | 1.4E+09              | 2.7E+03              | Dichloroethylene, 1,2-cis-                                   | 156-59-2   |                                       |           |               |                 | 1.6E+02                         |           |               | 1.6E+02            |
|  |    |                                    |    | 2.0E-02          | I  | 6.0E-02              | P  | V    |       | 1   | 1.7E+03          | 1.4E+09              | 2.7E+03              | Dichloroethylene, 1,2-trans-                                 | 156-60-5   |                                       |           |               |                 | 1.6E+03                         |           | 1.7E+02       | 1.5E+02            |
|  |    |                                    |    | 3.0E-03          | I  |                      |    |      |       | 1   | 0.1              | 1.4E+09              |                      | Dichlorophenol, 2,4-   | 120-83-2   |                                       |           |               |                 | 2.3E+02                         | 8.4E+02   |               | 1.8E+02            |
|  |    |                                    |    | 1.0E-02          | I  |                      |    |      |       | 1   | 0.05             | 1.4E+09              |                      | Dichlorophenoxy Acetic Acid, 2,4-                            | 94-75-7    |                                       |           |               |                 | 7.8E+02                         | 5.6E+03   |               | 6.9E+02            |
|  |    |                                    |    | 8.0E-03          | I  |                      |    |      |       | 1   | 0.1              | 1.4E+09              |                      | Dichlorophenoxy)butyric Acid, 4-(2,4-                        | 94-82-6    |                                       |           |               |                 | 6.3E+02                         | 2.2E+03   |               | 4.9E+02            |
| 3.6E-02                                    | C  | 1.0E-05                            | C  | 9.0E-02          | A  | 4.0E-03              | I  | V    |       | 1   | 1.4E+03          | 1.4E+09              | 3.9E+03              | Dichloropropane, 1,2-  | 78-87-5    | 1.8E+01                               |           | 9.4E-01       | 8.9E-01         | 7.0E+03                         |           | 1.6E+01       | 1.6E+01            |
|  |    |                                    |    | 2.0E-02          | P  |                      |    | V    |       | 1   | 1.5E+03          | 1.4E+09              | 7.3E+03              | Dichloropropane, 1,3-  | 142-28-9   |                                       |           |               |                 | 1.6E+03                         |           |               | 1.6E+03            |
|  |    |                                    |    | 3.0E-03          | I  |                      |    |      |       | 1   | 0.1              | 1.4E+09              |                      | Dichloropropanol, 2,3-                                       | 616-23-9   |                                       |           |               |                 | 2.3E+02                         | 8.4E+02   |               | 1.8E+02            |
| 1.0E-01                                    | I  | 4.0E-06                            | I  | 3.0E-02          | I  | 2.0E-02              | I  | V    |       | 1   | 1.6E+03          | 1.4E+09              | 3.7E+03              | Dichloropropene, 1,3-  | 542-75-6   | 6.4E+00                               |           | 2.2E+00       | 1.7E+00         | 2.3E+03                         |           | 7.7E+01       | 7.4E+01            |
| 2.9E-01                                    | I  | 8.3E-05                            | C  | 5.0E-04          | I  | 5.0E-04              | I  |      |       | 1   | 0.1              | 1.4E+09              |                      | Dichlorvos   | 62-73-7    | 2.2E+00                               | 7.0E+00   | 4.0E+04       | 1.7E+00         | 3.9E+01                         | 1.4E+02   | 7.1E+05       | 3.1E+01            |
|  |    |                                    |    | 8.0E-03          | P  | 7.0E-03              | P  | V    |       | 1   | 1.3E+02          | 1.4E+09              | 3.9E+03              | Dicyclopentadiene  | 77-73-6    |                                       |           |               |                 | 6.3E+02                         |           | 2.8E+01       | 2.7E+01            |
| 1.6E+01                                    | I  | 4.6E-03                            | I  | 5.0E-05          | I  |                      |    |      |       | 1   | 0.1              | 1.4E+09              |                      | Dieldrin   | 60-57-1    | 4.0E-02                               | 1.3E-01   | 7.2E+02       | 3.0E-02         | 3.9E+00                         | 1.4E+01   |               | 3.1E+00            |
|  |    | 3.0E-04                            | C  |                  |    | 5.0E-03              | I  |      |       | 1   | 0.1              |                      |                      | Diesel Engine Exhaust  | NA         |                                       |           |               |                 |                                 |           |               |                    |
|  |    |                                    |    | 3.0E-03          | C  |                      |    |      |       | 1   | 0.1              | 1.4E+09              |                      | Diethanolamine   | 111-42-2   |                                       |           |               |                 |                                 |           | 4.3E+06       | 4.3E+06            |
|  |    |                                    |    | 8.0E-01          | I  |                      |    |      |       | 1   | 0.1              | 1.4E+09              |                      | Diethyl Phthalate  | 84-66-2    |                                       |           |               |                 | 6.3E+04                         | 2.2E+05   |               | 4.9E+04            |
|  |    |                                    |    | 3.0E-02          | P  | 1.0E-04              | P  |      |       | 1   | 0.1              | 1.4E+09              |                      | Diethylene Glycol Monobutyl Ether                            | 112-34-5   |                                       |           |               |                 | 2.3E+03                         | 8.4E+03   | 1.4E+05       | 1.8E+03            |
|  |    |                                    |    | 6.0E-02          | P  | 3.0E-04              | P  |      |       | 1   | 0.1              | 1.4E+09              |                      | Diethylene Glycol Monoethyl Ether                            | 111-90-0   |                                       |           |               |                 | 4.7E+03                         | 1.7E+04   | 4.3E+05       | 3.6E+03            |
| 3.5E+02                                    | C  | 1.0E-01                            | C  | 1.0E-03          | P  |                      |    |      |       | 1   | 0.1              | 1.4E+09              |                      | Diethylformamide   | 617-84-5   | 1.8E-03                               | 5.8E-03   | 3.3E+01       | 1.4E-03         | 7.8E+01                         | 2.8E+02   |               | 6.1E+01            |
|  |    |                                    |    | 8.0E-02          | I  |                      |    |      |       | 1   | 0.1              | 1.4E+09              |                      | Diethylstilbestrol   | 56-53-1    |                                       |           |               |                 |                                 |           |               |                    |
|  |    |                                    |    | 2.0E-02          | I  |                      |    |      |       | 1   | 0.1              | 1.4E+09              |                      | Difenzoquat  | 43222-48-6 |                                       |           |               |                 | 6.3E+03                         | 2.2E+04   |               | 4.9E+03            |
|  |    |                                    |    | 4.0E+01          | I  | V                    |    |      |       | 1   | 1.4E+03          | 1.4E+09              | 1.2E+03              | Diflubenzuron  | 35367-38-5 |                                       |           |               |                 | 1.6E+03                         | 5.6E+03   |               | 1.2E+03            |
| 4.4E-02                                    | C  | 1.3E-05                            | C  |                  |    |                      |    |      |       | 1   | 0.1              | 1.4E+09              |                      | Difluoroethane, 1,1-   | 75-37-6    |                                       |           |               |                 |                                 |           | 5.2E+04       | 5.2E+04            |
|  |    |                                    |    | 8.0E-02          | I  | 4.0E-01              | P  | V    |       | 1   | 2.3E+03          | 1.4E+09              | 3.3E+03              | Dihydrosafrole   | 94-58-6    | 1.5E+01                               | 4.6E+01   | 2.5E+05       | 1.1E+01         |                                 |           |               |                    |
|  |    |                                    |    |                  |    |                      |    |      |       | 1   | 5.3E+02          | 1.4E+09              | 3.1E+04              | Diisopropyl Ether  | 108-20-3   |                                       |           |               |                 | 6.3                             |           |               |                    |

Regional Screening Level (RSL) Resident Soil Table November 2010

| Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1 |             |   |             |                                 |             |  |             |              |             |                           |                               |                             |                            | Contaminant   |   | Carcinogenic Target Risk (TR) = 1E-06 |                                   |                                       |   | Noncancer Hazard Index (HI) = 1 |                               |                                  |                                       |
|---|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------|-------------|---------------------------|-------------------------------|-----------------------------|----------------------------|---|---|---------------------------------------|-----------------------------------|---------------------------------------|---|---------------------------------|-------------------------------|----------------------------------|---------------------------------------|
| Toxicity and Chemical-specific Information  |             |   |             |                                 |             |  |             |              |             |                           |                               |                             |                            | Analyte   | CAS No.                                     | Ingestion SL<br>TR=1.0E-6<br>(mg/kg)  | Dermal SL<br>TR=1.0E-6<br>(mg/kg) | Inhalation SL<br>TR=1.0E-6<br>(mg/kg) | Carcinogenic SL<br>TR=1.0E-6<br>(mg/kg) | Ingestion SL<br>HQ=1<br>(mg/kg) | Dermal SL<br>HQ=1<br>(mg/kg)  | Inhalation SL<br>HQ=1<br>(mg/kg) | Noncarcinogenic SL<br>HI=1<br>(mg/kg) |
| SFO<br>(mg/kg-day) <sup>-1</sup>  | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>0</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>0</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | muta-<br>gen | GIABS       | ABS                       | C <sub>sat</sub><br>(mg/kg)   | PEF<br>(m <sup>3</sup> /kg) | VF<br>(m <sup>3</sup> /kg) |   |   |                                       |                                   |                                       |   |                                 |                               |                                  |                                       |
| 1.7E-03<br>4.6E+00<br>5.8E-01   | P<br>C<br>H | 1.3E-03<br>C                              | C           | 6.0E-02                         | P           |  |             |              | 1<br>1<br>1 | 0.1<br>0.1<br>0.1         | 1.4E+09<br>1.4E+09<br>1.4E+09 |                             |                            | Dimethyl methylphosphonate<br>Dimethylamino azobenzene [p-]<br>Dimethylaniline HCl, 2,4-      | 756-79-6<br>60-11-7<br>21436-96-4           | 3.8E+02<br>1.4E-01<br>1.1E+00         | 1.2E+03<br>4.4E-01<br>3.5E+00     | 2.5E+03<br>2.5E+03                    | 2.9E+02<br>1.1E-01<br>8.4E-01           | 4.7E+03<br>1.7E+04              | 3.7E+03                       |                                  |                                       |
| 7.5E-01<br>1.1E+01  | H<br>P      |   |             | 2.0E-03                         | I           |  | V           |              | 1<br>1      | 0.1<br>0.1                | 1.4E+09<br>8.3E+02            | 1.4E+09<br>1.4E+09          | 3.4E+04                    | Dimethylaniline, 2,4-<br>Dimethylaniline, N,N-<br>Dimethylbenzidine, 3,3'-                    | 95-68-1<br>121-69-7<br>119-93-7             | 8.5E-01<br>1.1E+00                    | 2.7E+00                           | 6.5E-01                               | 1.6E+02                                 | 1.6E+02                         |                               |                                  |                                       |
| 5.5E+02   | C           | 1.6E-01<br>C                              | C           | 1.0E-01<br>1.0E-04              | P<br>X      | 3.0E-02<br>2.0E-06                       | I<br>X      |              | 1<br>1<br>1 | 0.1<br>0.1<br>0.1         | 1.4E+09<br>1.4E+09<br>1.4E+09 |                             |                            | Dimethylformamide<br>Dimethylhydrazine, 1,1-<br>Dimethylhydrazine, 1,2-                       | 68-12-2<br>57-14-7<br>540-73-8              | 1.2E-03                               | 3.7E-03                           | 2.1E+01                               | 8.8E-04                                 | 7.8E+03<br>2.8E+01<br>2.8E+03   | 2.8E+04<br>2.8E+01            | 4.3E+07<br>2.8E+03               | 6.1E+03<br>6.1E+00                    |
| 4.5E-02   | C           | 1.3E-05<br>C                              | C           | 2.0E-02<br>6.0E-04<br>1.0E-03   | I<br>I<br>I |  |             | V            | 1<br>1<br>1 | 0.1<br>0.1<br>0.1         | 1.4E+09<br>1.4E+09<br>1.4E+09 |                             | 5.5E+00                    | Dimethylterephthalate<br>Dimethylphenol, 2,4-<br>Dimethylphenol, 2,6-<br>Dimethylphenol, 3,4- | 120-61-6<br>513-37-1<br>576-26-1<br>95-65-8 | 1.4E+01                               | 4.5E+01                           | 2.5E+05                               | 1.1E+01                                 | 1.6E+03<br>4.7E+01<br>7.8E+01   | 5.6E+03<br>1.7E+02<br>2.8E+02 | 1.2E+03<br>3.7E+01<br>6.1E+01    |                                       |
| 6.8E-01   | I           |   |             | 1.0E-01<br>2.0E-03<br>1.0E-04   | I<br>P<br>I |  |             |              | 1<br>1<br>1 | 0.1<br>0.1<br>0.1         | 1.4E+09<br>1.4E+09<br>1.4E+09 |                             | 5.5E+00                    | Dimethylterephthalate<br>Dimethylvinylchloride<br>Dinitro-o-cresol, 4,6-                      | 120-61-6<br>513-37-1<br>534-52-1            | 1.4E+01                               | 4.5E+01                           | 2.5E+05                               | 1.1E+01                                 | 6.3E+00<br>2.2E+01              | 2.2E+01                       | 4.9E+00                          |                                       |
| 3.1E-01   | C           | 8.9E-05<br>C                              | C           | 2.0E-03<br>1.0E-03<br>2.0E-03   | I<br>P<br>S |  |             |              | 1<br>1<br>1 | 0.102<br>0.099<br>0.006   | 1.4E+09<br>1.4E+09<br>1.4E+09 |                             |                            | Dinitro-o-cyclohexyl Phenol, 4,6-<br>Dinitrobenzene, 1,2-<br>Dinitrobenzene, 1,3-             | 131-89-5<br>528-29-0<br>99-65-0             | 9.4E-01                               | 3.0E+00                           | 3.7E+04                               | 1.6E+00                                 | 1.6E+02<br>7.8E+00<br>7.8E+00   | 5.5E+02<br>5.6E+02<br>2.8E+01 | 1.2E+02<br>1.2E+00<br>6.1E+00    |                                       |
| 1.0E-01   | I           | 7.7E-06<br>C                              | C           | 1.0E-04<br>2.0E-03<br>3.0E-02   | P<br>I<br>I |  |             |              | 1<br>1<br>1 | 0.1<br>0.1<br>0.1         | 1.4E+09<br>1.4E+09<br>1.4E+09 |                             |                            | Dinitrobenzene, 1,4-<br>Dinitrophenol, 2,4-<br>Dinitrotoluene Mixture, 2,4/2,6-               | 100-25-4<br>51-28-5<br>25321-14-6           | 6.4E+00                               | 2.0E+01                           | 4.3E+05                               | 4.9E+00                                 | 7.8E+00<br>1.6E+02              | 2.8E+01<br>5.6E+02            | 6.1E+00<br>1.2E+02               |                                       |
| 6.2E+03<br>1.3E+05  | I<br>C      | 1.3E+00<br>3.8E+01                        | I<br>C      | 2.0E-03<br>1.0E-09              | I<br>A      | 4.0E-08                                  | C           |              | 1<br>1      | 0.03<br>0.03              | 1.4E+09<br>1.4E+09            |                             |                            | Dinitrotoluene, 2,4-<br>Dinitrotoluene, 2,6-<br>Dinitrotoluene, 2-Amino-4,6-                  | 121-14-2<br>606-20-2<br>35572-78-2          | 2.1E+00                               | 6.4E+00                           | 3.7E+04                               | 1.6E+00                                 | 1.6E+02<br>7.8E+01<br>1.6E+02   | 5.5E+02<br>2.8E+02<br>9.3E+03 | 1.2E+02<br>6.1E+01<br>1.5E+02    |                                       |
| 8.0E-01<br>7.4E+00  | I<br>C      | 2.2E-04<br>2.1E-03                        | I<br>C      | 3.0E-02<br>8.0E-04<br>2.5E-02   | I<br>X<br>I |  |             |              | 1<br>1<br>1 | 0.1<br>0.1<br>0.1         | 1.4E+09<br>1.4E+09<br>1.4E+09 |                             |                            | Dinitrotoluene, 4-Amino-2,6-<br>Dioxob<br>Dioxane, 1,4-                                       | 19406-51-0<br>88-85-7<br>123-91-1           | 6.4E+00                               | 2.0E+01                           | 4.3E+05                               | 4.9E+00                                 | 1.6E+02<br>7.8E+01<br>2.3E+03   | 6.2E+03<br>2.8E+02<br>8.4E+03 | 1.5E+02<br>6.1E+01<br>5.1E+09    |                                       |
|   |             |   |             | 1.3E+00<br>3.8E+01              | I<br>C      | 4.0E-08                                  | C           |              | 1<br>1      | 0.03<br>0.03              | 1.4E+09<br>1.4E+09            |                             |                            | <b>Dioxins</b><br>~Hexachlorodibenzo-p-dioxin, Mixture<br>~TCDD, 2,3,7,8-                     | NA<br>1746-01-6                             | 1.0E-04<br>4.9E-06                    | 1.1E-03<br>5.2E-05                | 2.5E+00<br>8.7E-02                    | 9.4E-05<br>4.5E-06                      | 7.8E-05<br>9.3E-04              | 5.7E+01                       | 7.2E-05                          |                                       |
| 7.4E+00<br>6.7E+00  | C<br>C      | 2.1E-03<br>1.9E-03                        | C<br>C      | 3.0E-02<br>8.0E-04<br>2.5E-02   | I<br>X<br>I |  |             |              | 1<br>1<br>1 | 0.1<br>0.1<br>0.1         | 1.4E+09<br>1.4E+09<br>1.4E+09 |                             |                            | Diphenamid<br>Diphenyl Sulfone<br>Diphenylamine   | 957-51-7<br>127-63-9<br>122-39-4            | 8.0E-01                               | 2.5E+00                           | 1.5E+04                               | 6.1E-01                                 | 2.3E+03<br>6.3E+01<br>2.0E+03   | 8.4E+03<br>2.2E+02<br>7.0E+03 | 1.8E+03<br>4.9E+01<br>1.5E+03    |                                       |
| 9.9E-03   | I           | 1.2E-06<br>I                              | I           | 3.0E-04<br>6.0E-03              | I<br>P      | 1.0E-03<br>2.0E-02                       | I<br>V      |              | 1<br>1      | 0.1<br>1.1E+04<br>1.5E+04 | 1.4E+09<br>1.4E+09<br>1.4E+09 | 2.0E+04<br>8.2E+03          |                            | Diphenylhydrazine, 1,2-<br>Diquat<br>Direct Black 38  | 122-66-7<br>85-00-7<br>1937-37-7            | 6.5E+01                               | 4.1E+01                           | 2.5E+01                               | 6.1E-01                                 | 1.7E+02<br>6.1E+02              | 1.3E+02                       |                                  |                                       |
| 4.8E-02   | H           |   |             | 4.0E-05                         | I           |  |             |              | 1           | 0.1                       | 1.4E+09                       |                             |                            | Direct Blue 6<br>Direct Brown 95<br>Disulfoton  | 2602-46-2<br>16071-86-6<br>298-04-4         | 8.6E-02<br>9.5E-02                    | 2.7E-01<br>3.0E-01                | 1.6E+03<br>1.7E+03                    | 6.6E-02<br>7.2E-02                      | 3.1E+00<br>1.1E+01              | 1.1E+01                       | 2.4E+00                          |                                       |
|   |             |   |             | 1.0E-02<br>2.0E-03<br>4.0E-03   | I<br>I<br>I |  |             |              | 1<br>1<br>1 | 0.1<br>0.1<br>0.1         | 1.4E+09<br>1.4E+09<br>1.4E+09 |                             |                            | Dithiane, 1,4-<br>Diuron<br>Dordine   | 505-29-3<br>330-54-1<br>2439-10-3           |                                       |                                   |                                       | 7.8E+02<br>1.6E+02<br>3.1E+02           | 2.8E+03<br>5.6E+02<br>1.1E+03   | 6.1E+02<br>1.2E+02<br>2.4E+02 |                                  |                                       |
|   |             |   |             | 2.5E-02<br>6.0E-03<br>2.0E-02   | I<br>I<br>I |  |             | V            | 1<br>1<br>1 | 0.1<br>0.1<br>0.1         | 1.4E+09<br>1.4E+09<br>1.4E+09 | 4.1E+02<br>1.3E+05          |                            | EPTC<br>Endosulfan<br>Endothall   | 759-94-4<br>115-29-7<br>145-73-3            |                                       |                                   |                                       | 2.0E+03<br>4.7E+02<br>1.6E+03           | 1.7E+03<br>5.6E+03              | 2.0E+03<br>3.7E+02<br>1.2E+03 |                                  |                                       |
| 9.9E-03   | I           | 1.2E-06<br>I                              | I           | 3.0E-04<br>6.0E-03              | I<br>P      | 1.0E-03<br>2.0E-02                       | I<br>V      |              | 1<br>1      | 0.1<br>1.1E+04<br>1.5E+04 | 1.4E+09<br>1.4E+09<br>1.4E+09 | 2.0E+04<br>8.2E+03          |                            | Endrin<br>Epichlorohydrin<br>Epoxybutane, 1,2-  | 72-20-8<br>106-89-8<br>106-88-7             | 6.5E+01                               | 4.1E+01                           | 2.5E+01                               | 6.1E-01                                 | 2.3E+01<br>4.7E+02              | 8.4E+01<br>2.1E+01<br>1.7E+02 | 1.8E+01<br>2.0E+01<br>1.7E+02    |                                       |
|   |             |   |             | 5.0E-03<br>5.0E-04<br>3.0E-01   | I<br>I<br>H | 3.0E-01                                  | C           |              | 1<br>1<br>1 | 0.1<br>0.1<br>0.1         | 1.4E+09<br>1.4E+09<br>1.4E+09 |                             |                            | Ethephon<br>Ethion<br>Ethoxyethanol Acetate, 2-   | 16672-87-0<br>563-12-2<br>111-15-9          |                                       |                                   |                                       | 3.9E+02<br>3.9E+01<br>2.3E+04           | 1.4E+03<br>1.4E+02<br>8.4E+04   | 4.3E+08                       | 3.1E+02<br>3.1E+01<br>1.8E+04    |                                       |
|   |             |   |             | 4.0E-01<br>9.0E-01              | H<br>I      | 2.0E-01                                  | I           |              | 1<br>1      | 0.1<br>1.1E+04            | 1.4E+09<br>1.4E+09            | 9.3E+03<br>6.8E+03          |                            | Ethoxyethanol, 2-<br>Ethyl Acetate<br>Ethyl Acrylate  | 110-80-5<br>141-78-6<br>140-88-5            | 1.3E+01                               |                                   | 1.3E+01                               | 3.1E+04<br>7.0E+04                      | 1.1E+05<br>1.1E+05              | 2.8E+08                       | 2.4E+04<br>7.0E+04               |                                       |
|   |             |   |             | 2.0E-01<br>9.0E-02              | I<br>H      |  |             | V            | 1<br>1      | 0.1<br>1.1E+03            | 1.4E+09<br>1.4E+09            | 3.4E+03<br>6.2E+03          |                            | Ethyl Chloride<br>Ethyl Ether<br>Ethyl Methacrylate   | 75-00-3<br>60-29-7<br>97-63-2               |                                       |                                   |                                       | 1.6E+04<br>7.0E+03                      |                                 | 1.5E+04                       | 1.6E+04<br>7.0E+03               |                                       |
| 1.1E-02   | C           | 2.5E-06<br>C                              | C           | 1.0E-05<br>1.0E-01<br>3.0E-02   | I<br>I<br>P | 1.0E+00                                  | I<br>V      |              | 1<br>1<br>1 | 0.1<br>4.8E+02<br>0.1     | 1.4E+09<br>1.4E+09<br>1.4E+09 | 6.1E+03                     |                            | Ethyl-p-nitrophenyl Phosphonate<br>Ethylbenzene<br>Ethylene Cyanohydrin                       | 2104-64-5<br>100-41-4<br>109-78-4           | 5.8E+01                               |                                   | 5.9E+00                               | 5.4E+00                                 | 7.8E-01<br>7.8E+03              | 2.8E+00<br>8.4E+03            | 6.1E-01<br>6.4E+03               | 3.5E+03<br>1.8E+03                    |

Regional Screening Level (RSL) Resident Soil Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |   |             |                                 |             |  |             |              |       | Contaminant |                             |                             | Carcinogenic Target Risk (TR) = 1E-06 |   |             |                                      | Noncancer Hazard Index (HI) = 1   |                                       |   |                                 |                              |                                  |                                       |
|--|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------|-------|-------------|-----------------------------|-----------------------------|---------------------------------------|---|-------------|--------------------------------------|-----------------------------------|---------------------------------------|---|---------------------------------|------------------------------|----------------------------------|---------------------------------------|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | muta-<br>gen | GIABS | ABS         | C <sub>sat</sub><br>(mg/kg) | PEF<br>(m <sup>3</sup> /kg) | VF<br>(m <sup>3</sup> /kg)            | Analyte   | CAS No.     | Ingestion SL<br>TR=1.0E-6<br>(mg/kg) | Dermal SL<br>TR=1.0E-6<br>(mg/kg) | Inhalation SL<br>TR=1.0E-6<br>(mg/kg) | Carcinogenic SL<br>TR=1.0E-6<br>(mg/kg) | Ingestion SL<br>HQ=1<br>(mg/kg) | Dermal SL<br>HQ=1<br>(mg/kg) | Inhalation SL<br>HQ=1<br>(mg/kg) | Noncarcinogenic SL<br>HI=1<br>(mg/kg) |
|  |             |   |             | 9.0E-02                         |             | P  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Ethylene Diamine                                  | 107-15-3    |                                      |                                   |                                       |   | 7.0E+03                         | 2.5E+04                      |                                  | 5.5E+03                               |
|  |             |   |             | 2.0E+00                         | I           | 4.0E-01                                  |             | C            | 1     | 0.1         | 1.4E+09                     |                             |                                       | Ethylene Glycol                                   | 107-21-1    |                                      |                                   |                                       |   | 1.6E+05                         | 5.6E+05                      | 5.7E+08                          | 1.2E+05                               |
|  |             |   |             | 1.0E-01                         | I           | 1.6E+00                                  |             | I            | 1     | 0.1         | 1.4E+09                     |                             |                                       | Ethylene Glycol Monobutyl Ether                   | 111-76-2    |                                      |                                   |                                       |   | 7.8E+03                         | 2.8E+04                      | 2.3E+09                          | 6.1E+03                               |
| 3.1E-01                                    | C           | 8.8E-05                                   | C           |                                 |             | 3.0E-02                                  | C           | V            | 1     |             | 1.2E+05                     | 1.4E+09                     | 6.6E+03                               | Ethylene Oxide                                    | 75-21-8     | 2.1E+00                              |                                   | 1.8E-01                               | 1.7E-01                                 |                                 |                              | 2.0E+02                          | 2.0E+02                               |
| 4.5E-02                                    | C           | 1.3E-05                                   | C           | 8.0E-05                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Ethylene Thiourea                                 | 96-45-7     | 1.4E+01                              | 4.5E+01                           | 2.5E+05                               | 1.1E+01                                 | 6.3E+00                         | 2.2E+01                      |                                  | 4.9E+00                               |
| 6.5E+01                                    | C           | 1.9E-02                                   | C           |                                 |             |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Ethyleneimine                                     | 151-56-4    | 9.8E-03                              | 3.1E-02                           | 1.7E+02                               | 7.5E-03                                 |                                 |                              |                                  |                                       |
|  |             |   |             | 3.0E+00                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Ethylphthalyl Ethyl Glycolate                     | 84-72-0     |                                      |                                   |                                       |   | 2.3E+05                         | 8.4E+05                      |                                  | 1.8E+05                               |
|  |             |   |             | 8.0E-03                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Express   | 101200-48-0 |                                      |                                   |                                       |   | 6.3E+02                         | 2.2E+03                      |                                  | 4.9E+02                               |
|  |             |   |             | 2.5E-04                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Fenamiphos  | 22224-92-6  |                                      |                                   |                                       |   | 2.0E+01                         | 7.0E+01                      |                                  | 1.5E+01                               |
|  |             |   |             | 2.5E-02                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Fenproprathrin                                    | 39515-41-8  |                                      |                                   |                                       |   | 2.0E+03                         | 7.0E+03                      |                                  | 1.5E+03                               |
|  |             |   |             | 1.3E-02                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Fluometuron                                       | 2164-17-2   |                                      |                                   |                                       |   | 1.0E+03                         | 3.6E+03                      |                                  | 7.9E+02                               |
|  |             |   |             | 4.0E-02                         | C           | 1.3E-02                                  | C           |              | 1     |             | 1.4E+09                     |                             |                                       | Fluoride  | 16984-48-8  |                                      |                                   |                                       |   | 3.1E+03                         |                              | 1.8E+07                          | 3.1E+03                               |
|  |             |   |             | 6.0E-02                         | I           | 1.3E-02                                  | C           |              | 1     |             | 1.4E+09                     |                             |                                       | Fluorine (Soluble Fluoride)                       | 7782-41-4   |                                      |                                   |                                       |   | 4.7E+03                         |                              | 1.8E+07                          | 4.7E+03                               |
|  |             |   |             | 8.0E-02                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Fluridone   | 59756-60-4  |                                      |                                   |                                       |   | 6.3E+03                         | 2.2E+04                      |                                  | 4.9E+03                               |
|  |             |   |             | 2.0E-02                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Flurprimidol                                      | 56425-91-3  |                                      |                                   |                                       |   | 1.6E+03                         | 5.6E+03                      |                                  | 1.2E+03                               |
|  |             |   |             | 6.0E-02                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Flutolanil  | 66332-96-5  |                                      |                                   |                                       |   | 4.7E+03                         | 1.7E+04                      |                                  | 3.7E+03                               |
|  |             |   |             | 1.0E-02                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Fluvialinate                                      | 69409-94-5  |                                      |                                   |                                       |   | 7.8E+02                         | 2.8E+03                      |                                  | 6.1E+02                               |
| 3.5E-03                                    | I           |   |             | 1.0E-01                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Folpet  | 133-07-3    | 1.8E+02                              | 5.8E+02                           |                                       | 1.4E+02                                 | 7.8E+03                         | 2.8E+04                      |                                  | 6.1E+03                               |
|  |             |   |             | 2.0E+00                         | H           | 3.0E-03                                  | P           |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Fomesafen   | 72178-02-0  | 3.4E+00                              | 1.1E+01                           |                                       | 2.6E+00                                 |                                 |                              |                                  | 1.2E+02                               |
|  |             |   |             | 3.0E+00                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Fonofos   | 944-22-9    |                                      |                                   |                                       |   | 1.6E+02                         | 5.6E+02                      |                                  | 1.2E+02                               |
|  |             |   |             | 1.3E-05                         | I           | 2.0E-01                                  | I           | 9.8E-03      | A     |             | 1.4E+09                     |                             |                                       | Formaldehyde                                      | 50-00-0     |                                      |                                   | 2.5E+05                               | 2.5E+05                                 | 1.6E+04                         | 5.6E+04                      | 1.4E+07                          | 1.2E+04                               |
|  |             |   |             | 2.0E+00                         | H           | 3.0E-03                                  | P           |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Formic Acid                                       | 64-18-6     |                                      |                                   |                                       |   | 1.6E+05                         | 5.6E+05                      | 4.3E+06                          | 1.2E+05                               |
|  |             |   |             | 3.0E+00                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Fosetyl-AL  | 39148-24-8  |                                      |                                   |                                       |   | 2.3E+05                         | 8.4E+05                      |                                  | 1.8E+05                               |
|  |             |   |             | 1.0E-03                         | X           |  |             | V            | 1     |             | 1.7E+02                     | 1.4E+09                     | 2.1E+05                               | Furans  |             |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |
|  |             |   |             | 1.0E-03                         | I           |  |             | V            | 1     |             | 6.2E+03                     | 1.4E+09                     | 2.8E+03                               | ~Dibenzofuran                                     | 132-64-9    |                                      |                                   |                                       |   | 7.8E+01                         |                              |                                  | 7.8E+01                               |
|  |             |   |             |                                 |             |  |             |              | 1     |             | 1.4E+09                     |                             |                                       | ~Furan  | 110-00-9    |                                      |                                   |                                       |   | 7.8E+01                         |                              |                                  | 7.8E+01                               |
| 3.8E+00                                    | H           |   |             |                                 |             |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Furazolidone                                      | 67-45-8     | 1.7E-01                              | 5.3E-01                           |                                       | 1.3E-01                                 |                                 |                              |                                  | 1.8E+02                               |
|  |             |   |             | 3.0E-03                         | I           | 5.0E-02                                  | H           |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Furfural  | 98-01-1     |                                      |                                   |                                       |   | 2.3E+02                         | 8.4E+02                      | 7.1E+07                          | 1.8E+02                               |
| 1.5E+00                                    | C           | 4.3E-04                                   | C           |                                 |             |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Furium  | 531-82-8    | 4.3E-01                              | 1.3E+00                           | 7.7E+03                               | 3.2E-01                                 |                                 |                              |                                  |                                       |
| 3.0E-02                                    | I           | 8.6E-06                                   | C           |                                 |             |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Furmecyclohex                                     | 60568-05-0  | 2.1E+01                              | 6.7E+01                           | 3.8E+05                               | 1.6E+01                                 |                                 |                              |                                  |                                       |
|  |             |   |             | 4.0E-04                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Glufosinate, Ammonium                             | 77182-82-2  |                                      |                                   |                                       |   | 3.1E+01                         | 1.1E+02                      |                                  | 2.4E+01                               |
|  |             |   |             |                                 |             | 8.0E-05                                  | C           |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Glutaraldehyde                                    | 111-30-8    |                                      |                                   |                                       |   |                                 |                              | 1.1E+05                          | 1.1E+05                               |
|  |             |   |             | 4.0E-04                         | I           | 1.0E-03                                  | H           |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Glycidyl  | 765-34-4    |                                      |                                   |                                       |   | 3.1E+01                         | 1.1E+02                      | 1.4E+06                          | 2.4E+01                               |
|  |             |   |             | 1.0E-01                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Glyphosate  | 1071-83-6   |                                      |                                   |                                       |   | 7.8E+03                         | 2.8E+04                      |                                  | 6.1E+03                               |
|  |             |   |             | 3.0E-03                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Goal  | 42874-03-3  |                                      |                                   |                                       |   | 2.3E+02                         | 8.4E+02                      |                                  | 1.8E+02                               |
|  |             |   |             | 3.0E-03                         | A           | 1.0E-02                                  | A           |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Guthion   | 86-50-0     |                                      |                                   |                                       |   | 2.3E+02                         | 8.4E+02                      | 1.4E+07                          | 1.8E+02                               |
|  |             |   |             | 5.0E-05                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Haloxypol, Methyl                                 | 69806-40-2  |                                      |                                   |                                       |   | 3.9E+00                         | 1.4E+01                      |                                  | 3.1E+00                               |
|  |             |   |             | 1.3E-02                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Harmony   | 79277-27-3  |                                      |                                   |                                       |   | 1.0E+03                         | 3.6E+03                      |                                  | 7.9E+02                               |
| 4.5E+00                                    | I           | 1.3E-03                                   | I           | 5.0E-04                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Heptachlor  | 76-44-8     | 1.4E-01                              | 4.5E-01                           | 2.5E+03                               | 1.1E-01                                 | 3.9E+01                         | 1.4E+02                      |                                  | 3.1E+01                               |
|  |             |   |             | 1.3E-05                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Heptachlor Epoxide                                | 1024-57-3   | 7.0E-02                              | 2.2E-01                           | 1.3E+03                               | 5.3E-02                                 | 1.0E+00                         | 3.6E+00                      |                                  | 7.9E-01                               |
|  |             |   |             | 2.0E-03                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Hexabromobenzene                                  | 87-82-1     |                                      |                                   |                                       |   | 1.6E+02                         | 5.6E+02                      |                                  | 1.2E+02                               |
|  |             |   |             | 2.0E-04                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153) | 68631-49-2  |                                      |                                   |                                       |   | 1.6E+01                         | 5.6E+01                      |                                  | 1.2E+01                               |
| 1.6E+00                                    | I           | 4.6E-04                                   | I           | 8.0E-04                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Hexachlorobenzene                                 | 118-74-1    | 4.0E-01                              | 1.3E+00                           | 7.2E+03                               | 3.0E-01                                 | 6.3E+01                         | 2.2E+02                      |                                  | 4.9E+01                               |
| 7.8E-02                                    | I           | 2.2E-05                                   | I           | 1.0E-03                         | P           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Hexachlorobutadiene                               | 87-68-3     | 8.2E+00                              | 2.6E+01                           | 1.5E+05                               | 6.2E+00                                 | 7.8E+01                         | 2.8E+02                      |                                  | 6.1E+01                               |
| 6.3E+00                                    | I           | 1.8E-03                                   | I           | 8.0E-03                         | A           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Hexachlorocyclohexane, Alpha-                     | 319-84-6    | 1.0E-01                              | 3.2E-01                           | 1.8E+03                               | 7.7E-02                                 | 6.3E+02                         | 2.2E+03                      |                                  | 4.9E+02                               |
| 1.8E+00                                    | I           | 5.3E-04                                   | I           |                                 |             |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Hexachlorocyclohexane, Beta-                      | 319-85-7    | 3.5E-01                              | 1.1E+00                           | 6.2E+03                               | 2.7E-01                                 |                                 |                              |                                  |                                       |
| 1.1E+00                                    | C           | 3.1E-04                                   | C           | 3.0E-04                         | I           |  |             |              | 1     | 0.04        | 1.4E+09                     |                             |                                       | Hexachlorocyclohexane, Gamma- (Lindane)           | 58-89-9     | 5.8E-01                              | 4.6E+00                           | 1.1E+04                               | 5.2E-01                                 | 2.3E+01                         | 2.1E+02                      |                                  | 2.1E+01                               |
| 1.8E+00                                    | I           | 5.1E-04                                   | I           |                                 |             |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Hexachlorocyclohexane, Technical                  | 608-73-1    | 3.5E-01                              | 1.1E+00                           | 6.5E+03                               | 2.7E-01                                 |                                 |                              |                                  |                                       |
|  |             |   |             | 6.0E-03                         | I           | 2.0E-04                                  | I           |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Hexachlorocyclopentadiene                         | 77-47-4     |                                      |                                   |                                       |   | 4.7E+02                         | 1.7E+03                      | 2.8E+05                          | 3.7E+02                               |
| 1.4E-02                                    | I           | 4.0E-06                                   | I           | 1.0E-03                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Hexachloroethane                                  | 67-72-1     | 4.6E+01                              | 1.4E+02                           | 8.3E+05                               | 3.5E+01                                 | 7.8E+01                         | 2.8E+02                      |                                  | 6.1E+01                               |
|  |             |   |             | 3.0E-04                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Hexachlorophene                                   | 70-30-4     |                                      |                                   |                                       |   | 2.3E+01                         | 8.4E+01                      |                                  | 1.8E+01                               |
| 1.1E-01                                    | I           |   |             | 3.0E-03                         | I           |  |             |              | 1     | 0.015       | 1.4E+09                     |                             |                                       | Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)     | 121-82-4    | 5.8E+00                              | 1.2E+02                           |                                       | 5.5E+00                                 | 2.3E+02                         | 5.6E+03                      |                                  | 2.3E+02                               |
|  |             |   |             | 1.0E-05                         | I           | V  |             |              | 1     |             | 5.2E+03                     | 1.4E+09                     | 3.2E+05                               | Hexamethylene Diisocyanate, 1,6-                  | 822-06-0    |                                      |                                   |                                       |   |                                 |                              | 3.4E+00                          | 3.4E+00                               |
|  |             |   |             | 7.0E-01                         | I           | V  |             |              | 1     |             | 1.4E+02                     | 1.4E+09                     | 8.9E+02                               | Hexane, N-  | 110-54-3    |                                      |                                   |                                       |   | 4.7E+03                         |                              | 6.5E+02                          | 5.7E+02                               |
|  |             |   |             | 2.0E+00                         | P           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Hexanedioic Acid                                  | 124-04-9    |                                      |                                   |                                       |   | 1.6E+05                         | 5.6E+05                      |                                  | 1.2E+05                               |
|  |             |   |             | 5.0E-03                         | I           | 3.0E-02                                  | I           | V            | 1     |             | 3.3E+03                     | 1.4E+09                     | 1.4E+04                               | Hexanone, 2-                                      | 591-78-6    |                                      |                                   |                                       |   | 3.9E+02                         |                              | 4.5E+02                          | 2.1E+02                               |
|  |             |   |             | 3.3E-02                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                             |                                       | Hexazinone  | 51235-04-2  |                                      |                                   |                                       |   | 2.6E+03                         | 9.2E+03                      |                                  |                                       |

Regional Screening Level (RSL) Resident Soil Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |    |   |    |                                 |  |         |              |       |         | Contaminant                 |                             | Carcinogenic Target Risk (TR) = 1E-06 |  |            |                                      | Noncancer Hazard Index (HI) = 1   |                                       |   |                                 |                              |                                  |                                       |         |         |         |         |         |  |  |
|--|----|---|----|---------------------------------|--|---------|--------------|-------|---------|-----------------------------|-----------------------------|---------------------------------------|--|------------|--------------------------------------|-----------------------------------|---------------------------------------|---|---------------------------------|------------------------------|----------------------------------|---------------------------------------|---------|---------|---------|---------|---------|--|--|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | ky | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | ky | RfD <sub>o</sub><br>(mg/kg-day) | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | ky      | muta-<br>gen | GIABS | ABS     | C <sub>sat</sub><br>(mg/kg) | PEF<br>(m <sup>3</sup> /kg) | VF<br>(m <sup>3</sup> /kg)            | Analyte                                      | CAS No.    | Ingestion SL<br>TR=1.0E-6<br>(mg/kg) | Dermal SL<br>TR=1.0E-6<br>(mg/kg) | Inhalation SL<br>TR=1.0E-6<br>(mg/kg) | Carcinogenic SL<br>TR=1.0E-6<br>(mg/kg) | Ingestion SL<br>HQ=1<br>(mg/kg) | Dermal SL<br>HQ=1<br>(mg/kg) | Inhalation SL<br>HQ=1<br>(mg/kg) | Noncarcinogenic SL<br>HI=1<br>(mg/kg) |         |         |         |         |         |  |  |
| 6.0E-02                                    | P  | 4.0E-02                                   | C  | 4.0E-02                         | 1.4E-02                                  | C       | 1            | 1     | 0.1     | 1.4E+09                     | 1.4E+09                     | 1.4E+09                               | Hydrogen Fluoride                            | 7664-39-3  |                                      |                                   |                                       |   | 3.1E+03                         |                              | 2.0E+07                          | 3.1E+03                               |         |         |         |         |         |  |  |
|  |    |   |    | 2.0E-03                         | I  | 1       | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | Hydrogen Sulfide            | 7783-06-4                             |  |            |                                      |                                   |                                       |   |                                 |                              | 2.8E+06                          | 2.8E+06                               | 2.8E+06 |         |         |         |         |  |  |
|  |    |   |    | 1.0E-02                         | A  | 1       | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | Hydroquinone                | 123-31-9                              | 1.1E+01                                      | 3.4E+01    |                                      | 8.1E+00                           |                                       | 3.1E+03                                 | 1.1E+04                         |                              |                                  |                                       | 2.4E+03 |         |         |         |         |  |  |
| 9.5E-04                                    | I  | 2.0E-01                                   | I  | 1.3E-02                         | I  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | 1.4E+09                               | Imazalil                                     | 35554-44-0 |                                      |                                   |                                       |   | 1.0E+03                         | 3.6E+03                      |                                  | 7.9E+02                               |         |         |         |         |         |  |  |
|  |    |   |    | 2.5E-01                         | I  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | Imazaquin                             | 81335-37-7                                   |            |                                      |                                   |                                       |   |                                 | 2.0E+04                      | 7.0E+04                          |                                       | 1.5E+04 |         |         |         |         |  |  |
|  |    |   |    | 1.0E-02                         | A  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | Iodine                                | 7553-56-2                                    |            |                                      |                                   |                                       |   |                                 |                              | 7.8E+02                          |                                       |         | 7.8E+02 |         |         |         |  |  |
|  |    |   |    | 7.0E-01                         | P  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | Iprodione                             | 36734-19-7                                   |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       | 3.1E+03 | 1.1E+04 | 2.4E+03 |         |         |  |  |
| 9.5E-04                                    | I  | 2.0E-01                                   | I  | 3.0E-01                         | I  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 3.0E+04                     | 3.0E+04                               | Iron   | 7439-89-6  |                                      |                                   |                                       |   | 5.5E+04                         |                              |                                  | 5.5E+04                               |         |         |         |         |         |  |  |
|  |    |   |    | 1.5E-02                         | I  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | Isobutyl Alcohol                      | 78-83-1                                      | 6.7E+02    | 2.1E+03                              |                                   | 5.1E+02                               |   |                                 | 2.3E+04                      |                                  |                                       | 2.3E+04 |         |         |         |         |  |  |
|  |    |   |    |                                 | I  | 2.0E+00 | C            | 1     | 0.1     | 1.4E+09                     | 1.4E+09                     | 1.4E+09                               | Isophorone                                   | 78-59-1    |                                      |                                   |                                       |   | 1.6E+04                         | 5.6E+04                      | 2.8E+09                          |                                       |         | 1.2E+04 |         |         |         |  |  |
|  |    |   |    | 7.0E-01                         | V  | 7.0E+00 | C            | 1     | 0.1     | 1.4E+09                     | 1.4E+09                     | 1.4E+09                               | Isopropalin                                  | 33820-53-0 |                                      |                                   |                                       |   | 1.2E+03                         | 4.2E+03                      |                                  |                                       | 9.9E+09 | 9.2E+02 |         |         |         |  |  |
| 9.5E-04                                    | I  | 2.0E-01                                   | I  |                                 |  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | 1.4E+09                               | Isopropanol                                  | 67-63-0    |                                      |                                   |                                       |   |                                 |                              |                                  | 9.9E+09                               | 9.9E+09 |         |         |         |         |  |  |
|  |    |   |    | 5.0E-02                         | I  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | Isopropyl Methyl Phosphonic Acid      | 1832-54-8                                    |            |                                      |                                   |                                       |   |                                 | 7.8E+03                      | 2.8E+04                          |                                       | 6.1E+03 |         |         |         |         |  |  |
|  |    |   |    | 3.0E-01                         | A  | V       | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | Isoxaben                              | 82558-50-7                                   |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       | 4.3E+08 | 4.3E+08 |         |         |         |  |  |
| 2.8E-01                                    | C  | 8.0E-05                                   | C  | 7.5E-02                         | I  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | 1.4E+09                               | Kerb   | 23950-58-5 |                                      |                                   |                                       |   |                                 |                              |                                  |                                       | 4.6E+03 |         |         |         |         |  |  |
|  |    |   |    | 2.0E-03                         | I  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | Lactofen                              | 77501-63-4                                   |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         | 1.2E+02 |         |         |         |  |  |
| 3.8E-02                                    | C  | 1.1E-05                                   | C  | <b>Lead Compounds</b>           |  |         |              |       |         |                             |                             |                                       |  |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         |         |         |  |  |
|  |    |   |    |                                 |  |         |              |       |         |                             |                             |                                       |  |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         |         |         |  |  |
| 3.8E-02                                    | C  | 1.1E-05                                   | C  |                                 |  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | 1.4E+09                               | ~Lead acetate                                | 301-04-2   | 2.3E+00                              | 7.2E+00                           | 4.1E+04                               | 1.7E+00                                 |                                 |                              |                                  |                                       | 4.0E+02 |         |         |         |         |  |  |
|  |    |   |    |                                 |  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | ~Lead and Compounds                   | 7439-92-1                                    |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         |         |         |  |  |
|  |    |   |    |                                 |  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | ~Lead subacetate                      | 1335-32-6                                    | 1.7E+01    | 5.3E+01                              | 3.0E+05                           | 1.3E+01                               |   |                                 |                              |                                  |                                       |         |         |         |         |         |  |  |
|  |    |   |    |                                 |  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | ~Tetraethyl Lead                      | 78-00-2                                      |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         | 6.1E-03 |         |  |  |
|  |    |   |    |                                 |  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | Linuron                               | 330-55-2                                     |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         | 1.2E+02 |         |  |  |
|  |    |   |    |                                 |  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | Lithium                               | 7439-93-2                                    |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         | 1.6E+02 |         |  |  |
|  |    |   |    |                                 |  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | Lithium Perchlorate                   | 7791-03-9                                    |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         |         | 5.5E+01 |  |  |
|  |    |   |    |                                 |  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | Londax                                | 83055-99-6                                   |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         |         | 1.2E+04 |  |  |
|  |    |   |    |                                 |  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | MCPA                                  | 94-74-6                                      |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         |         | 3.1E+01 |  |  |
|  |    |   |    |                                 |  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | MCPB                                  | 94-81-5                                      |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         |         | 6.1E+02 |  |  |
|  |    |   |    |                                 |  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | MCPB                                  | 94-81-5                                      |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         |         | 6.1E+02 |  |  |
| 3.8E-02                                    | C  | 1.1E-05                                   | C  | 1.0E-03                         | I  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | 1.4E+09                               | MCPP   | 93-65-2    |                                      |                                   |                                       |   |                                 |                              |                                  |                                       | 6.1E+01 |         |         |         |         |  |  |
|  |    |   |    | 2.0E-02                         | I  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | Malathion                             | 121-75-5                                     |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         | 1.2E+03 |         |         |  |  |
| 3.8E-02                                    | C  | 1.1E-05                                   | C  | 1.0E-01                         | I  | 7.0E-04 | C            | 1     | 0.1     | 1.4E+09                     | 1.4E+09                     | 1.4E+09                               | Maleic Anhydride                             | 108-31-6   |                                      |                                   |                                       |   |                                 |                              | 7.8E+03                          | 2.8E+04                               | 9.9E+05 | 6.1E+03 |         |         |         |  |  |
|  |    |   |    | 5.0E-01                         | I  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | Maleic Hydrzide                       | 123-33-1                                     |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         | 3.1E+04 |         |         |  |  |
|  |    |   |    | 1.0E-04                         | P  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | Malononitrile                         | 109-77-3                                     |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         | 6.1E+00 |         |         |  |  |
| 3.8E-02                                    | C  | 1.1E-05                                   | C  | 3.0E-02                         | H  |         |              | 1     | 0.1     | 1.4E+09                     | 1.4E+09                     | 1.4E+09                               | Mancozeb                                     | 8018-01-7  |                                      |                                   |                                       |   |                                 |                              | 2.3E+03                          | 8.4E+03                               |         | 1.8E+03 |         |         |         |  |  |
|  |    |   |    | 5.0E-03                         | I  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | Maneb                                 | 12427-38-2                                   |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         | 3.1E+02 |         |         |  |  |
|  |    |   |    | 1.4E-01                         | I  | 5.0E-05 | I            | 1     | 0.1     | 1.4E+09                     | 1.4E+09                     | 1.4E+09                               | Manganese (Diet)                             | 7439-96-5  |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         | 3.1E+02 |         |  |  |
| 3.8E-02                                    | C  | 1.1E-05                                   | C  | 2.4E-02                         | S  | 5.0E-05 | I            |       | 0.04    | 1.4E+09                     | 1.4E+09                     | 1.4E+09                               | Manganese (Non-diet)                         | 7439-96-5  |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         | 1.9E+03 |         |         |         |  |  |
|  |    |   |    | 9.0E-05                         | H  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | Mephosfolan                           | 950-10-7                                     |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         | 5.5E+00 |         |         |  |  |
|  |    |   |    | 3.0E-02                         | I  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | Mepiquat Chloride                     | 24307-26-4                                   |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         | 1.8E+03 |         |  |  |
| 3.8E-02                                    | C  | 1.1E-05                                   | C  | <b>Mercury Compounds</b>        |  |         |              |       |         |                             |                             |                                       |  |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         |         |         |  |  |
|  |    |   |    |                                 |  |         |              |       |         |                             |                             |                                       |  |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         |         |         |  |  |
|  |    |   |    |                                 |  |         |              |       |         |                             |                             |                                       |  |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         |         |         |  |  |
|  |    |   |    |                                 |  |         |              |       |         |                             |                             |                                       |  |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         |         |         |  |  |
|  |    |   |    |                                 |  |         |              |       |         |                             |                             |                                       |  |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         |         |         |  |  |
|  |    |   |    |                                 |  |         |              |       |         |                             |                             |                                       |  |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         |         |         |  |  |
|  |    |   |    |                                 |  |         |              |       |         |                             |                             |                                       |  |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         |         |         |  |  |
|  |    |   |    |                                 |  |         |              |       |         |                             |                             |                                       |  |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         |         |         |  |  |
|  |    |   |    |                                 |  |         |              |       |         |                             |                             |                                       |  |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         |         |         |  |  |
|  |    |   |    |                                 |  |         |              |       |         |                             |                             |                                       |  |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         |         |         |  |  |
|  |    |   |    |                                 |  |         |              |       |         |                             |                             |                                       |  |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         |         |         |  |  |
| 4.9E-02                                    | C  | 1.4E-05                                   | C  | 3.0E-04                         | I  | 3.0E-05 | C            |       | 0.07    | 1.4E+09                     | 1.4E+09                     | 1.4E+09                               | ~Mercuric Chloride (and other Mercury salts) | 7487-94-7  |                                      |                                   |                                       |   |                                 |                              |                                  |                                       | 2.3E+01 |         |         |         |         |  |  |
|  |    |   |    | 1.6E-04                         | C  | 3.0E-04 | I            | V     | 1       | 3.1E+00                     | 1.4E+09                     | 3.2E+04                               | ~Mercury (elemental)                         | 7439-97-6  |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         | 5.6E+00 |         |  |  |
|  |    |   |    |                                 |  |         |              |       |         |                             |                             |                                       |  |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         |         |         |  |  |
| 4.9E-02                                    | C  | 1.4E-05                                   | C  | 1.0E-04                         | I  |         |              | 1     | 0.1     | 1.4E+09                     | 1.4E+09                     | 1.4E+09                               | ~Methyl Mercury                              | 22967-92-6 |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         | 7.8E+00 |         |         |         |  |  |
|  |    |   |    | 8.0E-05                         | I  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | ~Phenylmercuric Acetate               | 62-38-4                                      |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         | 4.9E+00 |         |         |  |  |
|  |    |   |    | 3.0E-05                         | I  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | Merphos                               | 150-50-5                                     |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         | 1.8E+00 |         |         |  |  |
|  |    |   |    | 3.0E-05                         | I  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | Merphos Oxide                         | 78-48-8                                      |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         | 1.8E+00 |         |  |  |
|  |    |   |    | 6.0E-02                         | I  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | Metalaxyl                             | 57837-19-1                                   |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         | 3.7E+03 |         |  |  |
|  |    |   |    | 1.0E-04                         | I  | 7.0E-04 | H            | V     | 1       | 4.6E+03                     | 1.4E+09                     | 7.3E+03                               | Methacrylonitrile                            | 126-98-7   |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         | 5.3E+00 | 3.2E+00 |         |  |  |
| 4.9E-02                                    | C  | 1.4E-05                                   | C  | 5.0E-05                         | I  |         |              | 1     | 0.1     | 1.4E+09                     | 1.4E+09                     | 1.4E+09                               | Methamidophos                                | 10265-92-6 |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         | 3.1E+00 |         |         |  |  |
|  |    |   |    | 5.0E-01                         | I  | 4.0E+00 | C            | 1     | 0.1     | 1.4E+09                     | 1.4E+09                     | 1.4E+09                               | Methanol                                     | 67-56-1    |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         | 3.1E+04 |         |  |  |
|  |    |   |    | 1.0E-03                         | I  |         | 1            | 0.1   | 1.4E+09 | 1.4E+09                     | 1.4E+09                     | Methodathion                          | 950-37-8                                     |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         | 6.1E+01 |         |  |  |
| 4.9E-02                                    | C  | 1.4E-05                                   | C  | 2.5E-02                         | I  |         |              | 1     | 0.1     |                             |                             |                                       |  |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |         |         |         |  |  |

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |                      |  |                      |                                 |                      |  |                      |                      |             |       |      |                             | Contaminant                 |                            | Carcinogenic Target Risk (TR) = 1E-06      |                                |                                      |                                   | Noncancer Hazard Index (HI) = 1       |   |                                 |                              |                                  |                                       |         |
|--|----------------------|--|----------------------|---------------------------------|----------------------|--|----------------------|----------------------|-------------|-------|------|-----------------------------|-----------------------------|----------------------------|--|--------------------------------|--------------------------------------|-----------------------------------|---------------------------------------|---|---------------------------------|------------------------------|----------------------------------|---------------------------------------|---------|
| SFO<br>(mg/kg-day) <sup>1</sup>            | ke<br>y <sup>2</sup> | IUR<br>(ug/m <sup>3</sup> ) <sup>1</sup> | ke<br>y <sup>2</sup> | RfD <sub>0</sub><br>(mg/kg-day) | ke<br>y <sup>2</sup> | RfC <sub>0</sub><br>(mg/m <sup>3</sup> ) | ke<br>y <sup>2</sup> | vo<br>l <sup>3</sup> | muta<br>gen | GIABS | ABS  | C <sub>sat</sub><br>(mg/kg) | PEF<br>(m <sup>3</sup> /kg) | VF<br>(m <sup>3</sup> /kg) | Analyte                                    | CAS No.                        | Ingestion SL<br>TR=1.0E-6<br>(mg/kg) | Dermal SL<br>TR=1.0E-6<br>(mg/kg) | Inhalation SL<br>TR=1.0E-6<br>(mg/kg) | Carcinogenic SL<br>TR=1.0E-6<br>(mg/kg) | Ingestion SL<br>HQ=1<br>(mg/kg) | Dermal SL<br>HQ=1<br>(mg/kg) | Inhalation SL<br>HQ=1<br>(mg/kg) | Noncarcinogenic SL<br>HI=1<br>(mg/kg) |         |
|  |                      |  |                      | 1.4E+00                         |                      | 1.0E-03                                  |                      | C                    |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Methyl Isocyanate                          | 624-83-9                       |                                      |                                   |                                       |   |                                 |                              |                                  | 1.4E+06                               | 1.4E+06 |
|  |                      |  |                      | 2.5E-04                         | I                    | 7.0E-01                                  |                      | V                    |             |       | 1    | 0.1                         | 2.4E+03                     | 1.4E+09                    | 6.8E+03                                    | Methyl Methacrylate            | 80-62-6                              |                                   |                                       |   | 1.1E+05                         |                              |                                  | 5.0E+03                               | 4.8E+03 |
|  |                      |  |                      |                                 |                      |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Methyl Parathion                           | 298-00-0                       |                                      |                                   |                                       |   | 2.0E+01                         |                              | 7.0E+01                          |                                       | 1.5E+01 |
| 9.9E-02                                    | C                    | 2.8E-05                                  | C                    | 6.0E-02                         | X                    |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Methyl Phosphonic Acid                     | 993-13-5                       |                                      |                                   |                                       |   | 4.7E+03                         |                              | 1.7E+04                          |                                       | 3.7E+03 |
|  |                      |  |                      | 6.0E-03                         | H                    | 4.0E-02                                  |                      | H                    | V           |       | 1    | 0.1                         | 3.8E+02                     | 1.4E+09                    | 1.2E+04                                    | Methyl Styrene (Mixed Isomers) | 25013-15-4                           |                                   |                                       |   | 4.7E+02                         |                              |                                  | 5.1E+02                               | 2.5E+02 |
|  |                      |  |                      |                                 |                      |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Methyl methanesulfonate                    | 66-27-3                        | 6.5E+00                              | 2.0E+01                           | 1.2E+05                               | 4.9E+00                                 |                                 |                              |                                  |                                       |         |
| 1.8E-03                                    | C                    | 2.6E-07                                  | C                    |                                 |                      | 3.0E+00                                  |                      | I                    | V           |       | 1    | 0.1                         | 8.9E+03                     | 1.4E+09                    | 5.3E+03                                    | Methyl tert-Butyl Ether (MTBE) | 1634-04-4                            | 3.5E+02                           |                                       | 4.9E+01                                 | 4.3E+01                         |                              |                                  | 1.7E+04                               | 1.7E+04 |
| 3.3E-02                                    | H                    |  |                      |                                 |                      |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Methyl-5-Nitroaniline, 2-                  | 99-55-8                        | 1.9E+01                              | 6.1E+01                           |                                       |   | 1.5E+01                         |                              |                                  |                                       |         |
| 8.3E+00                                    | C                    | 2.4E-03                                  | C                    |                                 |                      |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Methyl-N-nitro-N-nitrosoguanidine, N-      | 70-25-7                        | 7.7E-02                              | 2.4E-01                           | 1.4E+03                               | 5.8E-02                                 |                                 |                              |                                  |                                       |         |
| 1.3E-01                                    | C                    | 3.7E-05                                  | C                    |                                 |                      |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Methylaniline Hydrochloride, 2-            | 636-21-5                       | 4.9E+00                              | 1.6E+01                           | 8.9E+04                               | 3.7E+00                                 |                                 |                              |                                  |                                       |         |
| 2.2E+01                                    | C                    | 6.3E-03                                  | C                    | 1.0E-02                         | A                    |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Methylarsonic acid                         | 124-58-3                       |                                      |                                   |                                       |   | 7.8E+02                         |                              | 2.8E+03                          |                                       | 6.1E+02 |
|  |                      |  |                      |                                 |                      |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Methylcholanthrene, 3-                     | 56-49-5                        | 2.9E-02                              | 9.2E-02                           | 5.3E+02                               | 2.2E-02                                 |                                 |                              |                                  |                                       |         |
| 7.5E-03                                    | I                    | 4.7E-07                                  | I                    | 6.0E-02                         | I                    | 1.0E+00                                  | A                    | V                    |             |       | 1    | 0.1                         | 3.3E+03                     | 1.4E+09                    | 2.4E+03                                    | Methylene Chloride             | 75-09-2                              | 8.5E+01                           |                                       | 1.2E+01                                 | 1.1E+01                         | 4.7E+03                      |                                  | 2.6E+03                               | 1.7E+03 |
| 1.0E-01                                    | P                    | 4.3E-04                                  | C                    | 2.0E-03                         | P                    |  |                      |                      |             | M     | 1    | 0.1                         | 1.4E+09                     |                            | Methylene-bis(2-chloroaniline), 4,4'-      | 101-14-4                       | 1.5E+00                              | 5.1E+00                           | 3.0E+03                               | 1.2E+00                                 | 1.6E+02                         |                              | 5.6E+02                          |                                       | 1.2E+02 |
| 4.6E-02                                    | I                    | 1.3E-05                                  | C                    |                                 |                      |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Methylene-bis(N,N-dimethyl) Aniline, 4,4'- | 101-61-1                       | 1.4E+01                              | 4.4E+01                           | 2.5E+05                               | 1.1E+01                                 |                                 |                              |                                  |                                       |         |
| 1.6E+00                                    | C                    | 4.6E-04                                  | C                    |                                 |                      | 2.0E-02                                  | C                    |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Methylenbisbenzenamine, 4,4'-              | 101-77-9                       | 4.0E-01                              | 1.3E+00                           | 7.2E+03                               | 3.0E-01                                 |                                 |                              |                                  | 2.8E+07                               | 2.8E+07 |
|  |                      |  |                      | 6.0E-04                         | I                    |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Methylenediphenyl Diisocyanate             | 101-68-8                       |                                      |                                   |                                       |   |                                 |                              |                                  | 8.5E+05                               | 8.5E+05 |
|  |                      |  |                      | 7.0E-02                         | H                    |  |                      |                      |             |       | 1    | 0.1                         | 5.0E+02                     | 1.4E+09                    | 1.4E+04                                    | Methylstyrene, Alpha-          | 98-83-9                              |                                   |                                       |   |                                 | 5.5E+03                      |                                  |                                       | 5.5E+03 |
|  |                      |  |                      | 1.5E-01                         | I                    |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Metolachlor                                | 51218-45-2                     |                                      |                                   |                                       |   | 1.2E+04                         |                              | 4.2E+04                          |                                       | 9.2E+03 |
|  |                      |  |                      | 2.5E-02                         | I                    |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Metribuzin                                 | 21087-64-9                     |                                      |                                   |                                       |   | 2.0E+03                         |                              | 7.0E+03                          |                                       | 1.5E+03 |
|  |                      |  |                      | 4.5E-06                         | X                    | 1.0E-01                                  | P                    | V                    |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Midrange Aliphatic Hydrocarbon Streams     | NA                             |                                      |                                   | 7.4E+05                               | 7.4E+05                                 | 7.8E+02                         |                              |                                  | 1.4E+08                               | 7.8E+02 |
| 1.8E+01                                    | C                    | 5.1E-03                                  | C                    | 3.0E+00                         | P                    |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Mineral oils                               | 8012-95-1                      |                                      |                                   |                                       |   | 2.3E+05                         |                              | 8.4E+05                          |                                       | 1.8E+05 |
|  |                      |  |                      | 2.0E-04                         | I                    |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Mirex                                      | 2385-85-5                      | 3.5E-02                              | 1.1E-01                           | 6.5E+02                               | 2.7E-02                                 | 1.6E+01                         |                              | 5.6E+01                          |                                       | 1.2E+01 |
|  |                      |  |                      | 2.0E-03                         | I                    |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Molinate                                   | 2212-67-1                      |                                      |                                   |                                       |   | 1.6E+02                         |                              | 5.6E+02                          |                                       | 1.2E+02 |
|  |                      |  |                      | 5.0E-03                         | I                    |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Molybdenum                                 | 7439-98-7                      |                                      |                                   |                                       |   | 3.9E+02                         |                              |                                  |                                       | 3.9E+02 |
|  |                      |  |                      | 1.0E-01                         | I                    |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Monochloramine                             | 10599-90-3                     |                                      |                                   |                                       |   | 7.8E+03                         |                              |                                  |                                       | 7.8E+03 |
|  |                      |  |                      | 2.0E-03                         | P                    |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Monomethylamine                            | 100-61-8                       |                                      |                                   |                                       |   | 1.6E+02                         |                              | 5.6E+02                          |                                       | 1.2E+02 |
| 1.8E+00                                    | C                    | 0.0E+00                                  | C                    | 3.0E-04                         | X                    |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | N,N'-Diphenyl-1,4-benzenediamine           | 74-31-7                        |                                      |                                   |                                       |   | 2.3E+01                         |                              | 8.4E+01                          |                                       | 1.8E+01 |
|  |                      |  |                      | 2.0E-03                         | I                    |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Naled                                      | 300-76-5                       |                                      |                                   |                                       |   | 1.6E+02                         |                              | 5.6E+02                          |                                       | 1.2E+02 |
|  |                      |  |                      | 3.0E-02                         | X                    | 1.0E-01                                  | P                    | V                    |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Naphtha, High Flash Aromatic (HFAN)        | 64724-95-6                     |                                      |                                   |                                       |   | 2.3E+03                         |                              |                                  | 1.4E+08                               | 2.3E+03 |
|  |                      |  |                      | 1.0E-01                         | I                    |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Naphthylamine, 2-                          | 91-59-8                        | 3.5E-01                              | 1.1E+00                           |                                       | 2.7E-01                                 |                                 |                              |                                  |                                       |         |
|  |                      |  |                      | 5.0E-02                         | C                    | 5.0E-05                                  | C                    |                      |             | 0.04  | 0.04 | 1.4E+09                     |                             | Napropamide                | 15299-99-7                                 |                                |                                      |                                   |                                       | 7.8E+03                                 |                                 | 2.8E+04                      |                                  | 7.1E+04                               | 6.1E+03 |
|  |                      |  |                      | 2.6E-04                         | C                    | 2.0E-02                                  | I                    | 9.0E-05              | A           |       | 0.04 | 1.4E+09                     |                             | Nickel Carbonyl            | 13463-39-3                                 |                                |                                      |                                   |                                       | 3.9E+03                                 |                                 |                              |                                  | 7.1E+04                               | 3.7E+03 |
|  |                      |  |                      | 5.0E-02                         | C                    | 1.0E-04                                  | C                    |                      |             |       | 1    | 1.4E+09                     |                             | Nickel Oxide               | 1313-99-1                                  |                                |                                      |                                   |                                       | 3.9E+03                                 |                                 |                              |                                  | 1.4E+05                               | 3.8E+03 |
|  |                      |  |                      | 5.0E-02                         | C                    | 5.0E-05                                  | C                    |                      |             |       | 0.04 | 1.4E+09                     |                             | Nickel Refinery Dust       | NA   |                                |                                      |                                   |                                       | 3.9E+03                                 |                                 |                              |                                  | 7.1E+04                               | 3.7E+03 |
|  |                      |  |                      | 2.6E-04                         | C                    | 2.0E-02                                  | I                    | 9.0E-05              | A           |       | 0.04 | 1.4E+09                     |                             | Nickel Soluble Salts       | 7440-02-0                                  |                                |                                      | 1.4E+04                           | 1.4E+04                               | 1.3E+04                                 | 1.6E+03                         |                              |                                  | 1.3E+05                               | 1.5E+03 |
| 1.7E+00                                    | C                    | 4.8E-04                                  | I                    | 5.0E-02                         | C                    | 5.0E-05                                  | C                    |                      |             | 0.04  | 0.04 | 1.4E+09                     |                             | Nickel subsulfide          | 12035-72-2                                 | 3.8E-01                        |                                      | 6.9E+03                           | 3.8E-01                               | 3.9E+03                                 |                                 |                              |                                  | 7.1E+04                               | 3.7E+03 |
|  |                      |  |                      | 1.6E+00                         | I                    |  |                      |                      |             |       | 1    | 1.4E+09                     |                             | Nitrate                    | 14797-55-8                                 |                                |                                      |                                   |                                       | 1.3E+05                                 |                                 |                              |                                  | 1.3E+05                               |         |
|  |                      |  |                      | 1.0E-01                         | I                    |  |                      |                      |             |       | 1    | 1.4E+09                     |                             | Nitrite                    | 14797-65-0                                 |                                |                                      |                                   |                                       | 7.8E+03                                 |                                 |                              |                                  | 7.8E+03                               |         |
| 2.0E-02                                    | P                    |  |                      | 1.0E-02                         | X                    | 5.0E-05                                  | X                    |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Nitroaniline, 2-                           | 88-74-4                        |                                      |                                   |                                       |   | 7.8E+02                         |                              | 2.8E+03                          | 7.1E+04                               | 6.1E+02 |
|  |                      |  |                      | 4.0E-03                         | P                    | 6.0E-03                                  | P                    |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Nitroaniline, 4-                           | 100-01-6                       | 3.2E+01                              | 1.0E+02                           |                                       | 2.4E+01                                 | 3.1E+02                         |                              | 1.1E+03                          | 8.5E+06                               | 2.4E+02 |
|  |                      |  |                      | 2.0E-03                         | I                    | 9.0E-03                                  | I                    | V                    |             |       | 1    | 3.1E+03                     | 1.4E+09                     | 7.9E+04                    | Nitrobenzene                               | 98-95-3                        |                                      |                                   | 4.8E+00                               | 4.8E+00                                 | 1.6E+02                         |                              |                                  | 7.4E+02                               | 1.3E+02 |
| 1.3E+00                                    | C                    | 3.7E-04                                  | C                    | 3.0E+03                         | P                    |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Nitrocellulose                             | 9004-70-0                      |                                      |                                   |                                       |   | 2.3E+08                         |                              | 8.4E+08                          |                                       | 1.8E+08 |
|  |                      |  |                      | 7.0E-02                         | H                    |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Nitrofurantoin                             | 67-20-9                        |                                      |                                   |                                       |   | 5.5E+03                         |                              | 2.0E+04                          |                                       | 4.3E+03 |
|  |                      |  |                      | 1.0E-04                         | P                    |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Nitrofurazone                              | 59-87-0                        | 4.9E-01                              | 1.6E+00                           | 8.9E+03                               | 3.7E-01                                 |                                 |                              |                                  |                                       |         |
| 1.7E-02                                    | P                    |  |                      | 1.0E-01                         | I                    |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Nitroglycerin                              | 55-63-0                        | 3.8E+01                              | 1.2E+02                           |                                       | 2.9E+01                                 | 7.8E+00                         |                              | 2.8E+01                          |                                       | 6.1E+00 |
|  |                      |  |                      | 2.0E-02                         | P                    | V  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Nitroguanidine                             | 556-88-7                       |                                      |                                   |                                       |   | 7.8E+03                         |                              | 2.8E+04                          |                                       | 6.1E+03 |
|  |                      |  |                      | 1.8E+04                         | 1.4E+09              | 1.8E+04                                  |                      |                      |             |       | 1    | 1.8E+04                     | 1.4E+09                     | 1.8E+04                    | Nitromethane                               | 75-52-5                        |                                      |                                   | 4.9E+00                               | 4.9E+00                                 |                                 |                              |                                  | 3.8E+02                               | 3.8E+02 |
| 2.7E+01                                    | C                    | 7.7E-03                                  | C                    | 2.7E-03                         | H                    |  |                      |                      |             |       | 1    | 0.1                         | 4.9E+03                     | 1.4E+09                    | 1.4E+04                                    | Nitropropane, 2-               | 79-46-9                              |                                   |                                       | 1.3E-02                                 |                                 | 1.3E-02                      |                                  |                                       |         |
| 1.2E+02                                    | C                    | 3.4E-02                                  | C                    |                                 |                      |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Nitroso-N-ethylurea, N-                    | 759-73-9                       | 2.4E-02                              | 7.5E-02                           | 4.3E+02                               | 1.8E-02                                 |                                 |                              |                                  |                                       |         |
|  |                      |  |                      |                                 |                      |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Nitroso-N-methylurea, N-                   | 684-93-5                       | 5.3E-03                              | 1.7E-02                           | 9.7E+01                               | 4.0E-03                                 |                                 |                              |                                  |                                       |         |
| 5.4E+00                                    | I                    | 1.6E-03                                  | I                    |                                 |                      |  |                      |                      |             | V     | 1    | 7.1E+03                     | 1.4E+09                     | 2.1E+05                    | Nitroso-di-N-butylamine, N-                | 924-16-3                       | 1.2E-01                              |                                   | 3.2E-01                               |   | 8.7E-02                         |                              |                                  |                                       |         |
| 7.0E+00                                    | I                    | 2.0E-03                                  | C                    |                                 |                      |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Nitroso-di-N-propylamine, N-               | 621-64-7                       | 9.1E-02                              | 2.9E-01                           | 1.7E+03                               | 6.9E-02                                 |                                 |                              |                                  |                                       |         |
| 2.8E+00                                    | I                    | 8.0E-04                                  | C                    |                                 |                      |  |                      |                      |             |       | 1    | 0.1                         | 1.4E+09                     |                            | Nitrosodiethanol                           |                                |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |

Regional Screening Level (RSL) Resident Soil Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |   |             |                                 |             |  |             |              |       |      |                             |                             | Contaminant                |  | Carcinogenic Target Risk (TR) = 1E-06 |                                      |                                   |                                       | Noncancer Hazard Index (HI) = 1         |                                 |                               |                                  |                                       |
|--|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------|-------|------|-----------------------------|-----------------------------|----------------------------|--|---------------------------------------|--------------------------------------|-----------------------------------|---------------------------------------|---|---------------------------------|-------------------------------|----------------------------------|---------------------------------------|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>0</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>0</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | muta-<br>gen | GIABS | ABS  | C <sub>sat</sub><br>(mg/kg) | PEF<br>(m <sup>3</sup> /kg) | VF<br>(m <sup>3</sup> /kg) | Analyte  | CAS No.                               | Ingestion SL<br>TR=1.0E-6<br>(mg/kg) | Dermal SL<br>TR=1.0E-6<br>(mg/kg) | Inhalation SL<br>TR=1.0E-6<br>(mg/kg) | Carcinogenic SL<br>TR=1.0E-6<br>(mg/kg) | Ingestion SL<br>HQ=1<br>(mg/kg) | Dermal SL<br>HQ=1<br>(mg/kg)  | Inhalation SL<br>HQ=1<br>(mg/kg) | Noncarcinogenic SL<br>HI=1<br>(mg/kg) |
| 2.1E+00                                    | I           | 6.1E-04                                   | I           |                                 |             |  |             |              | 1     | 0.1  |                             | 1.4E+09                     |                            | Nitrosopyrrolidine, N-   | 930-55-2                              | 3.0E-01                              | 9.6E-01                           | 5.4E+03                               | 2.3E-01                                 |                                 |                               |                                  |                                       |
| 2.2E-01                                    | P           |   |             | 1.0E-04<br>9.0E-04              | X<br>P      |  |             |              | 1     | 0.1  | 1.5E+03                     | 1.4E+09                     | 1.5E+05                    | Nitrotoluene, m-<br>Nitrotoluene, o-   | 99-08-1<br>88-72-2                    | 2.9E+00                              |                                   |                                       | 2.9E+00                                 | 7.8E+00<br>7.0E+01              | 2.8E+01                       |                                  | 6.1E+00<br>7.0E+01                    |
| 1.6E-02                                    | P           |   |             | 4.0E-03<br>3.0E-04<br>4.0E-02   | P<br>X<br>I | 2.0E-01                                  | P           | V            | 1     | 0.1  | 6.9E+00                     | 1.4E+09                     | 1.1E+03                    | Nitrotoluene, p-<br>Nonane, n-<br>Norflurazon  | 99-99-0<br>111-84-2<br>27314-13-2     | 4.0E+01                              | 1.3E+02                           |                                       | 3.0E+01                                 | 3.1E+02<br>2.3E+01              | 1.1E+03                       | 2.3E+02                          | 2.4E+02<br>2.1E+01                    |
|  |             |   |             | 7.0E-04<br>3.0E-03<br>5.0E-02   | I<br>I<br>I |  |             |              | 1     | 0.1  |                             | 1.4E+09                     |                            | Nustar<br>Octabromodiphenyl Ether<br>Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)                | 85509-19-9<br>32536-52-0<br>2691-41-0 |                                      |                                   |                                       | 5.5E+01<br>2.3E+02<br>3.9E+03           | 2.0E+02<br>8.4E+02<br>2.3E+05   |                               | 4.3E+01<br>1.8E+02<br>3.8E+03    |                                       |
|  |             |   |             | 2.0E-03<br>5.0E-02<br>5.0E-03   | H<br>I<br>I |  |             |              | 1     | 0.1  |                             | 1.4E+09                     |                            | Octamethylpyrophosphoramide<br>Oryzalin<br>Oxadiazon   | 152-16-9<br>19044-88-3<br>19666-30-9  |                                      |                                   |                                       | 1.6E+02<br>3.9E+03<br>3.9E+02           | 5.6E+02<br>1.4E+04<br>1.4E+03   |                               | 1.2E+02<br>3.1E+03<br>3.1E+02    |                                       |
|  |             |   |             | 2.5E-02<br>1.3E-02<br>4.5E-03   | I<br>I<br>I |  |             |              | 1     | 0.1  |                             | 1.4E+09                     |                            | Oxamyl<br>Paclobutrazol<br>Paraquat Dichloride   | 23135-22-0<br>76738-62-0<br>1910-42-5 |                                      |                                   |                                       | 2.0E+03<br>1.0E+03<br>3.5E+02           | 7.0E+03<br>3.6E+03<br>1.3E+03   |                               | 1.5E+03<br>7.9E+02<br>2.7E+02    |                                       |
|  |             |   |             | 6.0E-03<br>5.0E-02<br>4.0E-02   | H<br>H<br>I |  |             |              | 1     | 0.1  |                             | 1.4E+09                     |                            | Parathion<br>Pebulate<br>Pendimethalin   | 56-38-2<br>1114-71-2<br>40487-42-1    |                                      |                                   |                                       | 4.7E+02<br>3.9E+03<br>3.1E+03           | 1.7E+03<br>1.4E+04<br>1.1E+04   |                               | 3.7E+02<br>3.1E+03<br>2.4E+03    |                                       |
|  |             |   |             | 2.0E-03<br>1.0E-04<br>8.0E-04   | I<br>I<br>I |  |             |              | 1     | 0.1  |                             | 1.4E+09                     |                            | Pentabromodiphenyl Ether<br>Pentabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-99)<br>Pentachlorobenzene | 32534-81-9<br>60348-60-9<br>608-93-5  |                                      |                                   |                                       | 1.6E+02<br>7.8E+00<br>6.3E+01           | 5.6E+02<br>2.8E+01<br>2.2E+02   |                               | 1.2E+02<br>6.1E+00<br>4.9E+01    |                                       |
| 9.0E-02                                    | P           |   |             |                                 |             | 1.0E+00                                  | P           | V            | 1     | 0.1  | 3.9E+02                     | 1.4E+09                     | 8.4E+02                    | Pentachloroethane<br>Pentachloronitrobenzene<br>Pentachlorophenol                                    | 76-01-7<br>82-68-8<br>87-86-5         | 7.1E+00<br>2.5E+00<br>1.6E+00        | 2.2E+01<br>7.8E+00<br>2.0E+00     | 5.4E+00<br>1.9E+00<br>8.9E-01         | 3.9E+02<br>2.3E+02<br>3.9E+02           | 5.6E+02<br>8.4E+02<br>5.6E+02   |                               | 8.7E+02<br>1.8E+02<br>2.3E+02    |                                       |
|  |             |   |             | 7.0E-04<br>5.0E-02              | I<br>I      |  |             |              | 1     | 0.1  |                             | 1.4E+09                     |                            | Pentane, n-<br>Perchlorate and Perchlorate Salts<br>Permethrin                                       | 109-66-0<br>14797-73-0<br>52645-53-1  |                                      |                                   |                                       |   | 5.5E+01<br>3.9E+03              | 1.4E+04                       | 8.7E+02                          | 8.7E+02<br>5.5E+01<br>3.1E+03         |
| 2.2E-03                                    | C           | 6.3E-07                                   | C           |                                 |             |  |             |              | 1     | 0.1  |                             | 1.4E+09                     |                            | Phenacetin<br>Phenmedipham<br>Phenol   | 62-44-2<br>13684-63-4<br>108-95-2     | 2.9E+02                              | 9.2E+02                           | 5.3E+06                               | 2.2E+02                                 | 2.0E+04<br>2.3E+04              | 7.0E+04<br>8.4E+04            | 2.8E+08                          | 1.5E+04<br>1.8E+04                    |
|  |             |   |             | 2.5E-01<br>3.0E-01              | I<br>I      | 2.0E-01                                  | C           |              | 1     | 0.1  |                             | 1.4E+09                     |                            |  |                                       |                                      |                                   |                                       |   | 2.0E+04<br>2.3E+04              | 7.0E+04<br>8.4E+04            | 2.8E+08                          | 1.5E+04<br>1.8E+04                    |
| 4.7E-02                                    | H           |   |             | 6.0E-03<br>1.9E-01              | I<br>H      |  |             |              | 1     | 0.1  |                             | 1.4E+09                     |                            | Phenylenediamine, m-<br>Phenylenediamine, o-<br>Phenylenediamine, p-                                 | 108-45-2<br>95-54-5<br>106-50-3       | 1.4E+01                              | 4.3E+01                           |                                       | 1.0E+01                                 | 4.7E+02<br>1.5E+04              | 1.7E+03<br>5.3E+04            |                                  | 3.7E+02<br>1.2E+04                    |
| 1.9E-03                                    | H           |   |             | 2.0E-04<br>3.0E-04              | H<br>I      |  |             |              | 1     | 0.1  | 1.6E+03                     | 1.4E+09                     | 1.1E+03                    | Phenylphenol, 2-<br>Phorate<br>Phosgene  | 90-43-7<br>298-02-2<br>75-44-5        | 3.3E+02                              | 1.0E+03                           | 2.5E+02                               |   | 1.6E+01<br>5.6E+01              |                               | 3.3E-01                          | 1.2E+01<br>3.3E-01                    |
|  |             |   |             | 2.0E-02<br>3.0E-04              | I<br>I      | 3.0E-04                                  | I           |              | 1     | 0.1  |                             | 1.4E+09                     |                            | Phosmet<br>Phosphine<br>Phosphoric Acid  | 732-11-6<br>7803-51-2<br>7664-38-2    |                                      |                                   |                                       |   | 1.6E+03<br>2.3E+01              | 5.6E+03                       | 4.3E+05<br>1.4E+07               | 1.2E+03<br>2.3E+01<br>1.4E+07         |
|  |             |   |             | 2.0E-05<br>1.0E+00<br>2.0E+00   | I<br>H<br>I | 2.0E-02                                  | C           |              | 1     | 0.1  |                             | 1.4E+09                     |                            | Phosphorus, White<br>Phthalic Acid, P-<br>Phthalic Anhydride   | 7723-14-0<br>100-21-0<br>85-44-9      |                                      |                                   |                                       |   | 1.6E+00<br>7.8E+04<br>1.6E+05   | 2.8E+05<br>2.8E+05<br>5.6E+05 | 2.8E+07                          | 1.6E+00<br>6.1E+04<br>1.2E+05         |
|  |             |   |             | 7.0E-02<br>1.0E-04<br>1.0E-02   | I<br>X<br>I |  |             |              | 1     | 0.1  |                             | 1.4E+09                     |                            | Picloram<br>Picramic Acid (2-Amino-4,6-dinitrophenol)<br>Pirimiphos, Methyl                          | 1918-02-1<br>96-91-3<br>29232-93-7    |                                      |                                   |                                       |   | 5.5E+03<br>7.8E+00<br>7.8E+02   | 2.0E+04<br>2.8E+01<br>2.8E+03 |                                  | 4.3E+03<br>6.1E+00<br>6.1E+02         |
| 3.0E+01                                    | C           | 8.6E-03                                   | C           | 7.0E-06                         | H           |  |             |              | 1     | 0.1  |                             | 1.4E+09                     |                            | Polybrominated Biphenyls<br>Polychlorinated Biphenyls (PCBs)<br>~Aroclor 1016                        | 59536-65-1<br>12674-11-2              | 2.1E-02                              | 6.7E-02                           | 3.8E+02                               | 1.6E-02                                 | 5.5E-01<br>5.5E+00              | 2.0E+00<br>1.4E+01            |                                  | 4.3E-01<br>3.9E+00                    |
| 2.0E+00                                    | S           | 5.7E-04                                   | S           | 7.0E-05                         | I           |  |             |              | 1     | 0.14 |                             | 1.4E+09                     |                            | ~Aroclor 1221  | 11104-28-2                            | 9.1E+00                              | 2.1E+01                           | 1.7E+05                               | 6.3E+00                                 | 5.5E+00                         | 1.4E+01                       |                                  | 3.9E+00                               |
| 2.0E+00                                    | S           | 5.7E-04                                   | S           |                                 |             |  |             |              | 1     | 0.14 | 7.3E+01                     | 1.4E+09                     | 9.2E+04                    | ~Aroclor 1232  | 11141-16-5                            | 3.2E-01                              | 7.2E-01                           | 3.9E-01                               | 1.4E-01                                 |                                 |                               |                                  |                                       |
| 2.0E+00                                    | S           | 5.7E-04                                   | S           |                                 |             |  |             |              | 1     | 0.14 |                             | 1.4E+09                     |                            | ~Aroclor 1242  | 53469-21-9                            | 3.2E-01                              | 7.2E-01                           | 5.8E+03                               | 2.2E-01                                 |                                 |                               |                                  |                                       |
| 2.0E+00                                    | S           | 5.7E-04                                   | S           |                                 |             |  |             |              | 1     | 0.14 |                             | 1.4E+09                     |                            | ~Aroclor 1248  | 12672-29-6                            | 3.2E-01                              | 7.2E-01                           | 5.8E+03                               | 2.2E-01                                 |                                 |                               |                                  |                                       |
| 2.0E+00                                    | S           | 5.7E-04                                   | S           | 2.0E-05                         | I           |  |             |              | 1     | 0.14 |                             | 1.4E+09                     |                            | ~Aroclor 1254  | 11097-69-1                            | 3.2E-01                              | 7.2E-01                           | 5.8E+03                               | 2.2E-01                                 | 1.6E+00                         | 4.0E+00                       |                                  | 1.1E+00                               |
| 2.0E+00                                    | S           | 5.7E-04                                   | S           |                                 |             |  |             |              | 1     | 0.14 |                             | 1.4E+09                     |                            | ~Aroclor 1260  | 11096-82-5                            | 3.2E-01                              | 7.2E-01                           | 5.8E+03                               | 2.2E-01                                 |                                 |                               |                                  |                                       |
| 3.9E+00                                    | E           | 1.1E-03                                   | E           | 3.3E-05                         | E           | 1.3E-03                                  | E           |              | 1     | 0.14 |                             | 1.4E+09                     |                            | ~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)  | 39635-31-9                            | 1.6E-01                              | 3.7E-01                           | 2.9E+03                               | 1.1E-01                                 | 2.6E+00                         | 6.7E+00                       | 1.9E+06                          | 1.9E+00                               |
| 3.9E+00                                    | E           | 1.1E-03                                   | E           | 3.3E-05                         | E           | 1.3E-03                                  | E           |              | 1     | 0.14 |                             | 1.4E+09                     |                            | ~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)   | 52663-72-6                            | 1.6E-01                              | 3.7E-01                           | 2.9E+03                               | 1.1E-01                                 | 2.6E+00                         | 6.7E+00                       | 1.9E+06                          | 1.9E+00                               |
| 3.9E+00                                    | E           | 1.1E-03                                   | E           | 3.3E-05                         | E           | 1.3E-03                                  | E           |              | 1     | 0.14 |                             | 1.4E+09                     |                            | ~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)   | 69782-90-7                            | 1.6E-01                              | 3.7E-01                           | 2.9E+03                               | 1.1E-01                                 | 2.6E+00                         | 6.7E+00                       | 1.9E+06                          | 1.9E+00                               |
| 3.9E+00                                    | E           | 1.1E-03                                   | E           | 3.3E-05                         | E           | 1.3E-03                                  | E           |              | 1     | 0.14 |                             | 1.4E+09                     |                            | ~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 156)   | 38380-08-4                            | 1.6E-01                              | 3.7E-01                           | 2.9E+03                               | 1.1E-01                                 | 2.6E+00                         | 6.7E+00                       | 1.9E+06                          | 1.9E+00                               |
| 3.9E+03                                    | E           | 1.1E+00                                   | E           | 3.3E-08                         | E           | 1.3E-06                                  | E           |              | 1     | 0.14 |                             | 1.4E+09                     |                            | ~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)   | 32774-16-6                            | 1.6E-04                              | 3.7E-04                           | 2.9E+00                               | 1.1E-04                                 | 2.6E-03                         | 6.7E-03                       | 1.9E+03                          | 1.9E-03                               |
| 3.9E+00                                    | E           | 1.1E-03                                   | E           | 3.3E-05                         | E           | 1.3E-03                                  | E           |              | 1     | 0.14 |                             | 1.4E+09                     |                            | ~Pentachlorobiphenyl, 2',3,4,4',5'- (PCB 123)  | 65510-44-3                            | 1.6E-01                              | 3.7E-01                           | 2.9E+03                               | 1.1E-01                                 | 2.6E+00                         | 6.7E+00                       | 1.9E+06                          | 1.9E+00                               |





Regional Screening Level (RSL) Resident Soil Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |           |   |           |                                 |           |  |           |              |       |       |                             | Contaminant                 |                            | Carcinogenic Target Risk (TR) = 1E-06         |            |                                      |                                   | Noncancer Hazard Index (HI) = 1       |   |                                 |                              |                                  |                                       |
|--|-----------|---|-----------|---------------------------------|-----------|--|-----------|--------------|-------|-------|-----------------------------|-----------------------------|----------------------------|---|------------|--------------------------------------|-----------------------------------|---------------------------------------|---|---------------------------------|------------------------------|----------------------------------|---------------------------------------|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | ke<br>(y) | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | ke<br>(y) | RfD <sub>o</sub><br>(mg/kg-day) | ke<br>(y) | RfC <sub>g</sub><br>(mg/m <sup>3</sup> ) | ke<br>(y) | muta-<br>gen | GIABS | ABS   | C <sub>sat</sub><br>(mg/kg) | PEF<br>(m <sup>3</sup> /kg) | VF<br>(m <sup>3</sup> /kg) | Analyte                                       | CAS No.    | Ingestion SL<br>TR=1.0E-6<br>(mg/kg) | Dermal SL<br>TR=1.0E-6<br>(mg/kg) | Inhalation SL<br>TR=1.0E-6<br>(mg/kg) | Carcinogenic SL<br>TR=1.0E-6<br>(mg/kg) | Ingestion SL<br>HQ=1<br>(mg/kg) | Dermal SL<br>HQ=1<br>(mg/kg) | Inhalation SL<br>HQ=1<br>(mg/kg) | Noncarcinogenic SL<br>HI=1<br>(mg/kg) |
|  |           |   |           | 2.5E-02                         | I         |  |           |              | 1     | 0.1   |                             | 1.4E+09                     |                            | Savay   | 78587-05-0 |                                      |                                   |                                       |   | 2.0E+03                         | 7.0E+03                      |                                  | 1.5E+03                               |
|  |           |   |           | 5.0E-03                         | I         |  |           |              | 1     |       | 1.4E+09                     |                             |                            | Selenious Acid                                | 7783-00-8  |                                      |                                   |                                       |   | 3.9E+02                         |                              |                                  | 3.9E+02                               |
|  |           |   |           | 5.0E-03                         | I         | 2.0E-02                                  | C         |              | 1     |       | 1.4E+09                     |                             |                            | Selenium                                      | 7782-49-2  |                                      |                                   |                                       |   | 3.9E+02                         |                              | 2.8E+07                          | 3.9E+02                               |
|  |           |   |           | 5.0E-03                         | C         | 2.0E-02                                  | C         |              | 1     |       | 1.4E+09                     |                             |                            | Selenium Sulfide                              | 7446-34-6  |                                      |                                   |                                       |   | 3.9E+02                         |                              | 2.8E+07                          | 3.9E+02                               |
|  |           |   |           | 9.0E-02                         | I         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Sethoxydim                                    | 74051-80-2 |                                      |                                   |                                       |   | 7.0E+03                         | 2.5E+04                      |                                  | 5.5E+03                               |
|  |           |   |           |                                 |           | 3.0E-03                                  | C         |              | 1     |       | 1.4E+09                     |                             |                            | Silica (crystalline, respirable)              | 7631-86-9  |                                      |                                   |                                       |   |                                 |                              | 4.3E+06                          | 4.3E+06                               |
| 1.2E-01                                    | H         |   |           | 5.0E-03                         | I         |  |           |              | 0.04  |       | 1.4E+09                     |                             |                            | Silver  | 7440-22-4  |                                      |                                   |                                       |   | 3.9E+02                         |                              |                                  | 3.9E+02                               |
|  |           |   |           | 5.0E-03                         | I         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Simazine                                      | 122-34-9   | 5.3E+00                              | 1.7E+01                           |                                       | 4.0E+00                                 | 3.9E+02                         | 1.4E+03                      |                                  | 3.1E+02                               |
|  |           |   |           | 1.3E-02                         | I         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Sodium Acifluorfen                            | 62476-59-9 |                                      |                                   |                                       |   | 1.0E+03                         | 3.6E+03                      |                                  | 7.9E+02                               |
|  |           |   |           | 4.0E-03                         | I         |  |           |              | 1     |       | 1.4E+09                     |                             |                            | Sodium Azide                                  | 26628-22-8 |                                      |                                   |                                       |   | 3.1E+02                         |                              |                                  | 3.1E+02                               |
| 2.7E-01                                    | H         |   |           | 3.0E-02                         | I         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Sodium Diethyldithiocarbamate                 | 148-18-5   | 2.4E+00                              | 7.5E+00                           |                                       | 1.8E+00                                 | 2.3E+03                         | 8.4E+03                      |                                  | 1.8E+03                               |
|  |           |   |           | 5.0E-02                         | A         | 1.3E-02                                  | C         |              | 1     |       | 1.4E+09                     |                             |                            | Sodium Fluoride                               | 7681-49-4  |                                      |                                   |                                       |   | 3.9E+03                         |                              | 1.8E+07                          | 3.9E+03                               |
|  |           |   |           | 2.0E-05                         | I         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Sodium Fluoroacetate                          | 62-74-8    |                                      |                                   |                                       |   | 1.6E+00                         | 5.6E+00                      |                                  | 1.2E+00                               |
|  |           |   |           | 1.0E-03                         | H         |  |           |              | 1     |       | 1.4E+09                     |                             |                            | Sodium Metavanadate                           | 13718-26-8 |                                      |                                   |                                       |   | 7.8E+01                         |                              |                                  | 7.8E+01                               |
|  |           |   |           | 7.0E-04                         | I         |  |           |              | 1     |       | 1.4E+09                     |                             |                            | Sodium Perchlorate                            | 7601-89-0  |                                      |                                   |                                       |   | 5.5E+01                         |                              |                                  | 5.5E+01                               |
| 2.4E-02                                    | H         |   |           | 3.0E-02                         | I         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Stirofos (Tetrachlorovinphos)                 | 961-11-5   | 2.7E+01                              | 8.4E+01                           | 2.0E+01                               |   | 2.3E+03                         | 8.4E+03                      |                                  | 1.8E+03                               |
|  |           |   |           | 6.0E-01                         | I         |  |           |              | 1     |       | 1.4E+09                     |                             |                            | Strontium, Stable                             | 7440-24-6  |                                      |                                   |                                       |   | 4.7E+04                         |                              |                                  | 4.7E+04                               |
|  |           |   |           | 3.0E-04                         | I         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Strychnine                                    | 57-24-9    |                                      |                                   |                                       |   | 2.3E+01                         | 8.4E+01                      |                                  | 1.8E+01                               |
|  |           |   |           | 2.0E-01                         | I         | 1.0E+00                                  | I         | V            | 1     |       | 8.7E+02                     | 1.4E+09                     | 1.0E+04                    | Styrene                                       | 100-42-5   |                                      |                                   |                                       |   | 1.6E+04                         |                              | 1.0E+04                          | 6.3E+03                               |
|  |           |   |           | 8.0E-04                         | P         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Sulfonylbis(4-chlorobenzene), 1,1'-           | 80-07-9    |                                      |                                   |                                       |   | 6.3E+01                         | 2.2E+02                      |                                  | 4.9E+01                               |
|  |           |   |           |                                 |           | 1.0E-03                                  | C         |              | 1     |       | 1.4E+09                     |                             |                            | Sulfuric Acid                                 | 7664-93-9  |                                      |                                   |                                       |   |                                 |                              | 1.4E+06                          | 1.4E+06                               |
|  |           |   |           | 2.5E-02                         | I         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Systhane                                      | 88671-89-0 |                                      |                                   |                                       |   | 2.0E+03                         | 7.0E+03                      |                                  | 1.5E+03                               |
|  |           |   |           | 3.0E-02                         | H         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | TCMTB   | 21564-17-0 |                                      |                                   |                                       |   | 2.3E+03                         | 8.4E+03                      |                                  | 1.8E+03                               |
|  |           |   |           | 7.0E-02                         | I         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Tebuthiuron                                   | 34014-18-1 |                                      |                                   |                                       |   | 5.5E+03                         | 2.0E+04                      |                                  | 4.3E+03                               |
|  |           |   |           | 2.0E-02                         | H         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Temephos                                      | 3383-96-8  |                                      |                                   |                                       |   | 1.6E+03                         | 5.6E+03                      |                                  | 1.2E+03                               |
|  |           |   |           | 1.3E-02                         | I         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Terbacil                                      | 5902-51-2  |                                      |                                   |                                       |   | 1.0E+03                         | 3.6E+03                      |                                  | 7.9E+02                               |
|  |           |   |           | 2.5E-05                         | H         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Terbufos                                      | 13071-79-9 |                                      |                                   |                                       |   | 2.0E+00                         | 7.0E+00                      |                                  | 1.5E+00                               |
|  |           |   |           | 1.0E-03                         | I         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Terbutryn                                     | 886-50-0   |                                      |                                   |                                       |   | 7.8E+01                         | 2.8E+02                      |                                  | 6.1E+01                               |
|  |           |   |           | 1.0E-04                         | I         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47) | 5436-43-1  |                                      |                                   |                                       |   | 7.8E+00                         | 2.8E+01                      |                                  | 6.1E+00                               |
|  |           |   |           | 3.0E-04                         | I         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Tetrachlorobenzene, 1,2,4,5-                  | 95-94-3    |                                      |                                   |                                       |   | 2.3E+01                         | 8.4E+01                      |                                  | 1.8E+01                               |
| 2.6E-02                                    | I         | 7.4E-06                                   | I         | 3.0E-02                         | I         |  |           | V            | 1     |       | 6.8E+02                     | 1.4E+09                     | 6.1E+03                    | Tetrachloroethane, 1,1,1,2-                   | 630-20-6   | 2.5E+01                              |                                   | 2.0E+00                               | 1.9E+00                                 | 2.3E+03                         |                              |                                  | 2.3E+03                               |
| 2.0E-01                                    | I         | 5.8E-05                                   | C         | 2.0E-02                         | I         |  |           | V            | 1     |       | 1.9E+03                     | 1.4E+09                     | 1.6E+04                    | Tetrachloroethane, 1,1,2,2-                   | 79-34-5    | 3.2E+00                              |                                   | 6.8E-01                               | 5.6E-01                                 | 1.6E+03                         |                              |                                  | 1.6E+03                               |
| 5.4E-01                                    | C         | 5.9E-06                                   | C         | 1.0E-02                         | I         | 2.7E-01                                  | A         | V            | 1     |       | 1.7E+02                     | 1.4E+09                     | 2.5E+03                    | Tetrachloroethylene                           | 127-18-4   | 1.2E+00                              |                                   | 1.0E+00                               | 5.5E-01                                 | 7.8E+02                         |                              | 7.2E+02                          | 3.7E+02                               |
|  |           |   |           | 3.0E-02                         | I         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Tetrachlorophenol, 2,3,4,6-                   | 58-90-2    |                                      |                                   |                                       |   | 2.3E+03                         | 8.4E+03                      |                                  | 1.8E+03                               |
|  |           |   |           |                                 |           |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Tetrachlorotoluene, p- alpha, alpha, alpha-   | 5216-25-1  | 3.2E-02                              | 1.0E-01                           |                                       | 2.4E-02                                 | 3.9E+01                         | 1.4E+02                      |                                  | 3.1E+01                               |
|  |           |   |           | 5.0E-04                         | I         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Tetraethyl Dithiopyrophosphate                | 3689-24-5  |                                      |                                   |                                       |   | 3.9E+01                         |                              |                                  | 3.1E+01                               |
|  |           |   |           |                                 |           | 8.0E+01                                  | I         | V            | 1     |       | 1.1E+03                     | 1.4E+09                     | 1.3E+03                    | Tetrafluoroethane, 1,1,1,2-                   | 811-97-2   |                                      |                                   |                                       |   |                                 |                              | 1.1E+05                          | 1.1E+05                               |
|  |           |   |           | 4.0E-03                         | P         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Tetryl (Trinitrophenylmethylnitramine)        | 479-45-8   |                                      |                                   |                                       |   | 3.1E+02                         | 1.1E+03                      |                                  | 2.4E+02                               |
|  |           |   |           |                                 |           |  |           |              | 1     |       | 1.4E+09                     |                             |                            | Thallium (Soluble Salts)                      | 7440-28-0  |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |
|  |           |   |           | 1.0E-02                         | I         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Thiobencarb                                   | 28249-77-6 |                                      |                                   |                                       |   | 7.8E+02                         | 2.8E+03                      |                                  | 6.1E+02                               |
|  |           |   |           | 7.0E-02                         | X         |  |           |              | 1     | 0.008 | 1.4E+09                     |                             |                            | Thiodiglycol                                  | 111-48-8   |                                      |                                   |                                       |   | 5.5E+03                         | 2.6E+05                      |                                  | 5.4E+03                               |
|  |           |   |           | 3.0E-04                         | H         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Thiofanox                                     | 39196-18-4 |                                      |                                   |                                       |   | 2.3E+01                         | 8.4E+01                      |                                  | 1.8E+01                               |
|  |           |   |           | 8.0E-02                         | I         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Thiophanate, Methyl                           | 23564-05-8 |                                      |                                   |                                       |   | 6.3E+03                         | 2.2E+04                      |                                  | 4.9E+03                               |
|  |           |   |           | 5.0E-03                         | I         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Thiram  | 137-26-8   |                                      |                                   |                                       |   | 3.9E+02                         | 1.4E+03                      |                                  | 3.1E+02                               |
|  |           |   |           | 6.0E-01                         | H         |  |           |              | 1     |       | 1.4E+09                     |                             |                            | Tin   | 7440-31-5  |                                      |                                   |                                       |   | 4.7E+04                         |                              |                                  | 4.7E+04                               |
|  |           |   |           |                                 |           | 1.0E-04                                  | A         |              | 1     |       | 1.4E+09                     |                             |                            | Titanium Tetrachloride                        | 7550-45-0  |                                      |                                   |                                       |   |                                 |                              | 1.4E+05                          | 1.4E+05                               |
| 1.9E-01                                    | H         |   |           | 8.0E-02                         | I         | 5.0E+00                                  | I         | V            | 1     |       | 8.2E+02                     | 1.4E+09                     | 4.6E+03                    | Toluene                                       | 108-88-3   |                                      |                                   |                                       |   | 6.3E+03                         |                              | 2.4E+04                          | 5.0E+03                               |
|  |           |   |           |                                 |           |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Toluidine, p-                                 | 106-49-0   | 3.4E+00                              | 1.1E+01                           |                                       | 2.6E+00                                 |                                 |                              |                                  |                                       |
| 1.1E+00                                    | I         | 3.2E-04                                   | I         |                                 |           |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Toxaphene                                     | 8001-35-2  | 5.8E-01                              | 1.8E+00                           | 1.0E+04                               | 4.4E-01                                 |                                 |                              |                                  |                                       |
|  |           |   |           | 7.5E-03                         | I         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Tralometrin                                   | 66841-25-6 |                                      |                                   |                                       |   | 5.9E+02                         | 2.1E+03                      |                                  | 4.6E+02                               |
|  |           |   |           | 3.0E-04                         | A         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Tri-n-butyltin                                | 688-73-3   |                                      |                                   |                                       |   | 2.3E+01                         | 8.4E+01                      |                                  | 1.8E+01                               |
|  |           |   |           | 1.3E-02                         | I         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Triallate                                     | 2303-17-5  |                                      |                                   |                                       |   | 1.0E+03                         | 3.6E+03                      |                                  | 7.9E+02                               |
|  |           |   |           | 1.0E-02                         | I         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Triasulfuron                                  | 82097-50-5 |                                      |                                   |                                       |   | 7.8E+02                         | 2.8E+03                      |                                  | 6.1E+02                               |
|  |           |   |           | 5.0E-03                         | I         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Tribromobenzene, 1,2,4-                       | 615-54-3   |                                      |                                   |                                       |   | 3.9E+02                         | 1.4E+03                      |                                  | 3.1E+02                               |
| 9.2E-03                                    | P         |   |           | 2.0E-01                         | P         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Tributyl Phosphate                            | 126-73-8   | 6.9E+01                              | 2.2E+02                           |                                       | 5.3E+01                                 | 1.6E+04                         | 5.6E+04                      |                                  | 1.2E+04                               |
|  |           |   |           | 3.0E-04                         | P         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Tributyltin Compounds                         | NA         |                                      |                                   |                                       |   | 2.3E+01                         | 8.4E+01                      |                                  | 1.8E+01                               |
|  |           |   |           | 3.0E-04                         | I         |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Tributyltin Oxide                             | 56-35-9    |                                      |                                   |                                       |   | 2.3E+01                         | 8.4E+01                      |                                  | 1.8E+01                               |
|  |           |   |           | 3.0E+01                         | I         | 3.0E+01                                  | H         | V            | 1     |       | 9.1E+02                     | 1.4E+09                     | 1.4E+03                    | Trichloro-1,2,2-trifluoroethane, 1,1,2-       | 76-13-1    |                                      |                                   |                                       |   | 2.3E+06                         |                              | 4.3E+04                          | 4.3E+04                               |
|  |           |   |           |                                 |           |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Trichloroacetic Acid                          | 76-03-9    |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |
| 2.9E-02                                    | H         |   |           |                                 |           |  |           |              | 1     | 0.1   | 1.4E+09                     |                             |                            | Trichloro                                     |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |

Regional Screening Level (RSL) Resident Soil Table November 2010

| Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1 |             |   |             |                                 |             |  |             |              |       |             |                             |                                       |                            |  |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |
|---|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------|-------|-------------|-----------------------------|---------------------------------------|----------------------------|--|------------|--------------------------------------|-----------------------------------|---------------------------------------|---|---------------------------------|------------------------------|----------------------------------|---------------------------------------|---------|
| Toxicity and Chemical-specific Information  |             |   |             |                                 |             |  |             |              |       | Contaminant |                             | Carcinogenic Target Risk (TR) = 1E-06 |                            |  |            | Noncancer Hazard Index (HI) = 1      |                                   |                                       |   |                                 |                              |                                  |                                       |         |
| SFO<br>(mg/kg-day) <sup>-1</sup>  | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>0</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>0</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | muta-<br>gen | GIABS | ABS         | C <sub>sat</sub><br>(mg/kg) | PEF<br>(m <sup>3</sup> /kg)           | VF<br>(m <sup>3</sup> /kg) | Analyte                                | CAS No.    | Ingestion SL<br>TR=1.0E-6<br>(mg/kg) | Dermal SL<br>TR=1.0E-6<br>(mg/kg) | Inhalation SL<br>TR=1.0E-6<br>(mg/kg) | Carcinogenic SL<br>TR=1.0E-6<br>(mg/kg) | Ingestion SL<br>HQ=1<br>(mg/kg) | Dermal SL<br>HQ=1<br>(mg/kg) | Inhalation SL<br>HQ=1<br>(mg/kg) | Noncarcinogenic SL<br>HI=1<br>(mg/kg) |         |
| 3.4E-02   | H           |   |             | 8.0E-04                         | X           | 2.0E-03                                  | V           |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Trichloroaniline, 2,4,6-               | 634-93-5   | 1.9E+01                              | 6.0E+01                           |                                       | 1.4E+01                                 |                                 |                              |                                  |                                       |         |
| 2.9E-02   | P           |   |             | 1.0E-02                         | I           | 2.0E-03                                  | P           | V            | 1     |             | 1.5E+02                     | 1.4E+09                               | 3.5E+04                    | Trichlorobenzene, 1,2,3-               | 87-61-6    |                                      |                                   |                                       | 2.2E+01                                 | 6.3E+01                         | 2.2E+02                      |                                  |                                       | 4.9E+01 |
|   |             |   |             | 2.0E+00                         | I           | 5.0E+00                                  | V           |              | 1     |             | 4.0E+02                     | 1.4E+09                               | 3.2E+04                    | Trichlorobenzene, 1,2,4-               | 120-82-1   | 2.2E+01                              |                                   |                                       | 2.2E+01                                 | 7.8E+02                         | 6.7E+01                      |                                  |                                       | 6.2E+01 |
| 5.7E-02   | I           | 1.6E-05                                   | I           | 4.0E-03                         | I           |  | V           |              | 1     |             | 6.4E+02                     | 1.4E+09                               | 1.8E+03                    | Trichloroethane, 1,1,1-                | 71-55-6    |                                      |                                   |                                       |   | 1.6E+05                         |                              | 9.3E+03                          |                                       | 8.7E+03 |
| 5.9E-03   | C           | 2.0E-06                                   | C           |                                 |             |  | V           |              | 1     |             | 2.2E+03                     | 1.4E+09                               | 7.8E+03                    | Trichloroethane, 1,1,2-                | 79-00-5    | 1.1E+01                              |                                   | 1.2E+00                               | 1.1E+00                                 | 3.1E+02                         |                              |                                  |                                       | 3.1E+02 |
|   |             |   |             | 3.0E-01                         | I           | 7.0E-01                                  | H           | V            | 1     |             | 6.9E+02                     | 1.4E+09                               | 2.4E+03                    | Trichloroethylene                      | 79-01-6    | 1.1E+02                              |                                   | 2.9E+00                               | 2.8E+00                                 |                                 |                              |                                  |                                       |         |
| 1.1E-02   | I           | 3.1E-06                                   | I           | 1.0E-01                         | I           | 1.0E-03                                  | P           |              | 1     | 0.1         | 1.2E+03                     | 1.4E+09                               | 1.1E+03                    | Trichlorofluoromethane                 | 75-69-4    |                                      |                                   |                                       |   | 2.3E+04                         |                              | 8.1E+02                          |                                       | 7.9E+02 |
|   |             |   |             | 1.0E-01                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Trichlorophenol, 2,4,5-                | 95-95-4    |                                      |                                   |                                       |   | 7.8E+03                         | 2.8E+04                      |                                  |                                       | 6.1E+03 |
|   |             |   |             | 1.0E-02                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Trichlorophenol, 2,4,6-                | 88-06-2    | 5.8E+01                              | 1.8E+02                           | 1.1E+06                               | 4.4E+01                                 | 7.8E+01                         | 2.8E+02                      |                                  |                                       | 6.1E+01 |
|   |             |   |             | 8.0E-03                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Trichlorophenoxyacetic Acid, 2,4,5-    | 93-76-5    |                                      |                                   |                                       |   | 7.8E+02                         | 2.8E+03                      |                                  |                                       | 6.1E+02 |
|   |             |   |             | 5.0E-03                         | I           |  | V           |              | 1     |             | 1.3E+03                     | 1.4E+09                               | 1.6E+04                    | Trichlorophenoxypropionic acid, -2,4,5 | 93-72-1    |                                      |                                   |                                       |   | 6.3E+02                         | 2.2E+03                      |                                  |                                       | 4.9E+02 |
|   |             |   |             |                                 |             |  |             |              | 1     |             |                             |                                       |                            | Trichloropropane, 1,1,2-               | 598-77-6   |                                      |                                   |                                       |   | 3.9E+02                         |                              |                                  |                                       | 3.9E+02 |
| 3.0E+01   | I           |   |             | 4.0E-03                         | I           | 3.0E-04                                  | I           | V            | M     | 1           | 1.4E+03                     | 1.4E+09                               | 1.7E+04                    | Trichloropropane, 1,2,3-               | 96-18-4    | 5.0E-03                              |                                   |                                       | 5.0E-03                                 | 3.1E+02                         |                              | 5.3E+00                          |                                       | 5.2E+00 |
|   |             |   |             | 3.0E-03                         | X           | 3.0E-04                                  | P           | V            | 1     |             | 4.5E+02                     | 1.4E+09                               | 2.5E+03                    | Trichloropropene, 1,2,3-               | 96-19-5    |                                      |                                   |                                       |   | 2.3E+02                         |                              | 7.9E-01                          |                                       | 7.8E-01 |
|   |             |   |             | 3.0E-03                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Tridiphane                             | 58138-08-2 |                                      |                                   |                                       |   | 2.3E+02                         | 8.4E+02                      |                                  |                                       | 1.8E+02 |
| 7.7E-03   | I           |   |             | 7.0E-03                         | I           |  | V           |              | 1     |             | 2.8E+04                     | 1.4E+09                               | 1.7E+04                    | Triethylamine                          | 121-44-8   |                                      |                                   |                                       |   |                                 |                              | 1.2E+02                          |                                       | 1.2E+02 |
| 3.7E-02   | H           |   |             | 7.5E-03                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Trifluralin                            | 1582-09-8  | 8.3E+01                              | 2.6E+02                           |                                       | 6.3E+01                                 | 5.9E+02                         | 2.1E+03                      |                                  |                                       | 4.6E+02 |
|   |             |   |             |                                 |             |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Trimethyl Phosphate                    | 512-56-1   | 1.7E+01                              | 5.5E+01                           |                                       | 1.3E+01                                 |                                 |                              |                                  |                                       |         |
|   |             |   |             | 1.0E-02                         | X           |  | V           |              | 1     |             | 2.2E+02                     | 1.4E+09                               | 8.5E+03                    | Trimethylbenzene, 1,2,4-               | 95-63-6    |                                      |                                   |                                       |   | 7.8E+02                         |                              | 6.2E+01                          |                                       | 6.2E+01 |
|   |             |   |             | 3.0E-02                         | I           |  |             |              | 1     | 0.019       | 1.8E+02                     | 1.4E+09                               | 7.1E+03                    | Trimethylbenzene, 1,3,5-               | 108-67-8   |                                      |                                   |                                       |   | 2.3E+03                         | 4.4E+04                      |                                  |                                       | 7.8E+02 |
| 3.0E-02   | I           |   |             | 5.0E-04                         | I           |  |             |              | 1     | 0.032       | 1.4E+09                     |                                       |                            | Trinitrotoluene, 2,4,6-                | 118-96-7   | 2.1E+01                              | 2.1E+02                           |                                       | 1.9E+01                                 | 3.9E+01                         | 4.4E+02                      |                                  |                                       | 3.6E+01 |
|   |             |   |             | 2.0E-02                         | P           |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Triphenylphosphine Oxide               | 791-28-6   |                                      |                                   |                                       |   | 1.6E+03                         | 5.6E+03                      |                                  |                                       | 1.2E+03 |
|   |             |   |             | 2.0E-02                         | A           |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Tris(1,3-Dichloro-2-propyl) Phosphate  | 13674-87-8 |                                      |                                   |                                       |   | 1.6E+03                         | 5.6E+03                      |                                  |                                       | 1.2E+03 |
| 2.0E-02   | P           |   |             | 7.0E-03                         | P           |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Tris(2-chloroethyl)phosphate           | 115-96-8   | 3.2E+01                              | 1.0E+02                           |                                       | 2.4E+01                                 | 5.5E+02                         | 2.0E+03                      |                                  |                                       | 4.3E+02 |
| 3.2E-03   | P           |   |             | 1.0E-01                         | P           |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Tris(2-ethylhexyl)phosphate            | 78-42-2    | 2.0E+02                              | 6.3E+02                           |                                       | 1.5E+02                                 | 7.8E+03                         | 2.8E+04                      |                                  |                                       | 6.1E+03 |
|   |             |   |             | 3.0E-03                         | I           | 3.0E-04                                  | A           |              | 1     |             | 1.4E+09                     |                                       |                            | Uranium (Soluble Salts)                | NA         |                                      |                                   |                                       |   | 2.3E+02                         |                              | 4.3E+05                          |                                       | 2.3E+02 |
| 1.0E+00   | C           | 2.9E-04                                   | C           | 9.0E-03                         | I           | 7.0E-06                                  | P           |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Urethane                               | 51-79-6    | 6.4E-01                              | 2.0E+00                           | 1.1E+04                               | 4.9E-01                                 |                                 |                              |                                  |                                       |         |
|   |             | 8.3E-03                                   | P           | 2.0E-02                         | H           |  |             |              | 0.026 |             | 1.4E+09                     |                                       |                            | Vanadium Pentoxide                     | 1314-62-1  |                                      |                                   | 4.0E+02                               | 4.0E+02                                 | 7.0E+02                         |                              | 9.9E+03                          |                                       | 6.6E+02 |
|   |             |   |             | 5.0E-03                         | S           |  |             |              | 1     |             | 1.4E+09                     |                                       |                            | Vanadium Sulfate                       | 36907-42-3 |                                      |                                   |                                       |   | 1.6E+03                         |                              |                                  |                                       | 1.6E+03 |
|   |             |   |             | 7.0E-05                         | P           | 1.0E-04                                  | A           |              | 0.026 |             | 1.4E+09                     |                                       |                            | Vanadium and Compounds                 | NA         |                                      |                                   |                                       |   | 3.9E+02                         |                              | 1.4E+05                          |                                       | 3.9E+02 |
|   |             |   |             | 1.0E-03                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Vanadium, Metallic                     | 7440-62-2  |                                      |                                   |                                       |   | 5.5E+00                         |                              |                                  |                                       | 5.5E+00 |
|   |             |   |             | 2.5E-02                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Vernolate                              | 1929-77-7  |                                      |                                   |                                       |   | 7.8E+01                         | 2.8E+02                      |                                  |                                       | 6.1E+01 |
|   |             |   |             | 1.0E+00                         | H           | 2.0E-01                                  | I           | V            | 1     |             | 2.8E+03                     | 1.4E+09                               | 4.7E+03                    | Vinclozolin                            | 50471-44-8 |                                      |                                   |                                       |   | 2.0E+03                         | 7.0E+03                      |                                  |                                       | 1.5E+03 |
|   |             |   |             | 3.2E-05                         | H           | 3.0E-03                                  | I           | V            | 1     |             | 3.4E+03                     | 1.4E+09                               | 1.5E+03                    | Vinyl Acetate                          | 108-05-4   |                                      |                                   |                                       |   | 7.8E+04                         |                              | 9.9E+02                          |                                       | 9.7E+02 |
| 7.2E-01   | I           | 4.4E-06                                   | I           | 3.0E-03                         | I           | 1.0E-01                                  | I           | V            | M     | 1           | 3.9E+03                     | 1.4E+09                               | 1.0E+03                    | Vinyl Bromide                          | 593-60-2   |                                      |                                   | 1.1E-01                               | 1.1E-01                                 |                                 | 4.6E+00                      |                                  |                                       | 4.6E+00 |
|   |             |   |             | 3.0E-04                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Vinyl Chloride                         | 75-01-4    | 9.3E-02                              |                                   | 1.7E-01                               | 6.0E-02                                 | 2.3E+02                         |                              | 1.1E+02                          |                                       | 7.4E+01 |
|   |             |   |             | 2.0E-01                         | I           | 1.0E-01                                  | I           | V            | 1     |             | 2.6E+02                     | 1.4E+09                               | 6.3E+03                    | Warfarin                               | 81-81-2    |                                      |                                   |                                       |   | 2.3E+01                         | 8.4E+01                      |                                  |                                       | 1.8E+01 |
|   |             |   |             | 2.0E-01                         | S           | 7.0E-01                                  | C           | V            | 1     |             | 3.9E+02                     | 1.4E+09                               | 6.0E+03                    | Xylene, Mixture                        | 1330-20-7  |                                      |                                   |                                       |   | 1.6E+04                         |                              | 6.5E+02                          |                                       | 6.3E+02 |
|   |             |   |             | 2.0E-01                         | S           | 7.0E-01                                  | C           | V            | 1     |             | 3.9E+02                     | 1.4E+09                               | 6.0E+03                    | Xylene, P-                             | 106-42-3   |                                      |                                   |                                       |   | 1.6E+04                         | 4.4E+03                      |                                  |                                       | 3.4E+03 |
|   |             |   |             | 2.0E-01                         | S           | 7.0E-01                                  | C           | V            | 1     |             | 4.3E+02                     | 1.4E+09                               | 7.0E+03                    | Xylene, m-                             | 108-38-3   |                                      |                                   |                                       |   | 1.6E+04                         | 4.3E+03                      |                                  |                                       | 3.4E+03 |
|   |             |   |             | 2.0E-01                         | S           | 7.0E-01                                  | C           | V            | 1     |             | 4.3E+02                     | 1.4E+09                               | 7.0E+03                    | Xylene, o-                             | 95-47-6    |                                      |                                   |                                       |   | 1.6E+04                         | 5.1E+03                      |                                  |                                       | 3.8E+03 |
|   |             |   |             | 3.0E-01                         | I           |  |             |              | 1     |             | 1.4E+09                     |                                       |                            | Zinc (Metallic)                        | 7440-66-6  |                                      |                                   |                                       |   | 2.3E+04                         |                              |                                  |                                       | 2.3E+04 |
|   |             |   |             | 3.0E-04                         | I           |  |             |              | 1     |             | 1.4E+09                     |                                       |                            | Zinc Phosphide                         | 1314-84-7  |                                      |                                   |                                       |   | 2.3E+01                         |                              |                                  |                                       | 2.3E+01 |
|   |             |   |             | 5.0E-02                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Zineb                                  | 12122-67-7 |                                      |                                   |                                       |   | 3.9E+03                         | 1.4E+04                      |                                  |                                       | 3.1E+03 |

Regional Screening Level (RSL) Industrial Soil Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |  |                                 |                   |  |                            |                   |                   |                   |                   |                   |                   |                   | Contaminant                 |            | Carcinogenic Target Risk (TR) = 1E-06 |                                   |                                       |   | Noncancer Hazard Index (HI) = 1 |                              |                                  |                                       |
|--|--|---------------------------------|-------------------|--|----------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------------------------|------------|---------------------------------------|-----------------------------------|---------------------------------------|---|---------------------------------|------------------------------|----------------------------------|---------------------------------------|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | ke<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | IUR<br>(ug/m <sup>3</sup> -day) | ke<br>(mg/kg-day) | RfD <sub>0</sub><br>(mg/m <sup>3</sup> ) | ke<br>(mg/m <sup>3</sup> ) | ke<br>(mg/kg-day) | ke<br>(mg/kg-day) | ke<br>(mg/kg-day) | ke<br>(mg/kg-day) | ke<br>(mg/kg-day) | ke<br>(mg/kg-day) | ke<br>(mg/kg-day) | Analyte                     | CAS No.    | Ingestion SL<br>TR=1.0E-6<br>(mg/kg)  | Dermal SL<br>TR=1.0E-6<br>(mg/kg) | Inhalation SL<br>TR=1.0E-6<br>(mg/kg) | Carcinogenic SL<br>TR=1.0E-6<br>(mg/kg) | Ingestion SL<br>HQ=1<br>(mg/kg) | Dermal SL<br>HQ=1<br>(mg/kg) | Inhalation SL<br>HQ=1<br>(mg/kg) | Noncarcinogenic SL<br>HI=1<br>(mg/kg) |
| 1.8E-02                                    | C  | 5.1E-06                         | C                 | 1.5E-01                                  | I                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | ALAR                        | 1596-84-5  | 1.6E+02                               | 2.4E+02                           | 3.3E+06                               | 9.6E+01                                 | 1.5E+05                         | 2.3E+05                      |                                  | 9.2E+04                               |
| 8.7E-03                                    | I  | 2.2E-06                         | I                 | 4.0E-03                                  | I                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Acetophate                  | 30560-19-1 | 3.3E+02                               | 5.0E+02                           |                                       | 2.0E+02                                 | 4.1E+03                         | 6.2E+03                      |                                  | 2.5E+03                               |
|  |  |                                 |                   | 9.0E-03                                  | I V                        | 1                 |                   | 1.1E+05           | 1.4E+09           | 9.4E+03           |                   |                   | Acetaldehyde                | 75-07-0    |                                       |                                   | 5.2E+01                               | 5.2E+01                                 |                                 | 3.7E+02                      |                                  | 3.7E+02                               |
|  |  |                                 |                   | 2.0E-02                                  | I                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Acetochlor                  | 34256-82-1 |                                       |                                   |                                       |   | 2.0E+04                         | 3.1E+04                      |                                  | 1.2E+04                               |
|  |  |                                 |                   | 9.0E-01                                  | I                          | 1                 |                   | 1.1E+05           | 1.4E+09           | 1.5E+04           |                   |                   | Acetone                     | 67-64-1    |                                       |                                   |                                       |   | 9.2E+05                         |                              | 2.0E+06                          | 6.3E+05                               |
|  |  |                                 |                   | 3.0E-03                                  | P                          | 1                 |                   | 1.1E+05           | 1.4E+09           | 2.6E+04           |                   |                   | Acetone Cyanohydrin         | 75-86-5    |                                       |                                   |                                       |   | 3.1E+03                         |                              | 6.7E+03                          | 2.1E+03                               |
|  |  |                                 |                   | 6.0E-02                                  | I V                        | 1                 |                   | 1.3E+05           | 1.4E+09           | 1.4E+04           |                   |                   | Acetonitrile                | 75-05-8    |                                       |                                   |                                       |   |                                 |                              | 3.7E+03                          | 3.7E+03                               |
| 3.8E+00                                    | C  | 1.3E-03                         | C                 | 1.0E-01                                  | I                          | 1                 |                   | 2.5E+03           | 1.4E+09           | 6.4E+04           |                   |                   | Acetophenone                | 98-86-2    |                                       |                                   |                                       |   | 1.0E+05                         |                              |                                  | 1.0E+05                               |
|  |  |                                 |                   | 6.0E-02                                  | I V                        | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Acetylaminofluorene, 2-     | 53-96-3    | 7.5E-01                               | 1.1E+00                           | 1.3E+04                               | 4.5E-01                                 |                                 |                              |                                  |                                       |
|  |  |                                 |                   | 5.0E-04                                  | I                          | 1                 |                   | 2.3E+04           | 1.4E+09           | 7.4E+03           |                   |                   | Acrolein                    | 107-02-8   |                                       |                                   |                                       |   | 5.1E+02                         |                              | 6.5E-01                          | 6.5E-01                               |
| 5.0E-01                                    | I  | 1.0E-04                         | I                 | 2.0E-03                                  | I                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Acrylamide                  | 79-06-1    | 5.7E+00                               | 8.7E+00                           | 1.7E+05                               | 3.4E+00                                 | 2.0E+03                         | 3.1E+03                      | 3.6E+07                          | 1.2E+03                               |
|  |  |                                 |                   | 5.0E-01                                  | I                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Acrylic Acid                | 79-10-7    |                                       |                                   |                                       |   | 5.1E+05                         | 7.7E+05                      | 6.0E+06                          | 2.9E+05                               |
| 5.4E-01                                    | I  | 6.8E-05                         | I                 | 4.0E-02                                  | A                          | 1                 |                   | 1.1E+04           | 1.4E+09           | 8.3E+03           |                   |                   | Acrylonitrile               | 107-13-1   | 5.3E+00                               |                                   | 1.5E+00                               | 1.2E+00                                 | 4.1E+04                         |                              | 7.2E+01                          | 7.2E+01                               |
|  |  |                                 |                   | 2.0E-03                                  | I V                        | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Adiponitrile                | 111-69-3   |                                       |                                   |                                       |   |                                 |                              | 3.6E+07                          | 3.6E+07                               |
| 5.6E-02                                    | C  | 1.0E-02                         | C                 | 1.0E-03                                  | I                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Alachlor                    | 15972-60-8 | 5.1E+01                               | 7.7E+01                           |                                       | 3.1E+01                                 | 1.0E+04                         | 1.5E+04                      |                                  | 6.2E+03                               |
|  |  |                                 |                   | 1.0E-03                                  | I                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Aldicarb                    | 116-06-3   |                                       |                                   |                                       |   | 1.0E+03                         | 1.5E+03                      |                                  | 6.2E+02                               |
| 1.7E+01                                    | I  | 4.9E-03                         | I                 | 3.0E-05                                  | I                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Aldicarb Sulfone            | 1646-88-4  |                                       |                                   |                                       |   | 1.0E+03                         | 1.5E+03                      |                                  | 6.2E+02                               |
|  |  |                                 |                   | 3.0E-05                                  | I                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Aldrin                      | 309-00-2   | 1.7E-01                               | 2.6E-01                           | 3.4E+03                               | 1.0E-01                                 | 3.1E+01                         | 4.6E+01                      |                                  | 1.8E+01                               |
|  |  |                                 |                   | 2.5E-01                                  | I                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Allyl                       | 74223-64-6 |                                       |                                   |                                       |   | 2.6E+05                         | 3.9E+05                      |                                  | 1.5E+05                               |
| 2.1E-02                                    | C  | 6.0E-06                         | C                 | 5.0E-03                                  | I                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Allyl Alcohol               | 107-18-6   |                                       |                                   |                                       |   | 5.1E+03                         | 7.7E+03                      | 6.0E+05                          | 3.1E+03                               |
|  |  |                                 |                   | 1.0E-03                                  | I V                        | 1                 |                   | 1.4E+03           | 1.4E+09           | 1.7E+03           |                   |                   | Allyl Chloride              | 107-05-1   | 1.4E+02                               |                                   | 3.5E+00                               | 3.4E+00                                 |                                 |                              | 7.5E+00                          | 7.5E+00                               |
|  |  |                                 |                   | 1.0E+00                                  | P                          | 1                 |                   | 1.4E+09           |                   |                   |                   |                   | Aluminum                    | 7429-90-5  |                                       |                                   |                                       |   | 1.0E+06                         |                              | 3.0E+07                          | 9.9E+05                               |
|  |  |                                 |                   | 4.0E-04                                  | I                          | 1                 |                   | 1.4E+09           |                   |                   |                   |                   | Aluminum Phosphide          | 20859-73-8 |                                       |                                   |                                       |   | 4.1E+02                         |                              |                                  | 4.1E+02                               |
|  |  |                                 |                   | 3.0E-04                                  | I                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Amdro                       | 67485-29-4 |                                       |                                   |                                       |   | 3.1E+02                         | 4.6E+02                      |                                  | 1.8E+02                               |
| 2.1E+01                                    | C  | 6.0E-03                         | C                 | 9.0E-03                                  | I                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Ametryn                     | 834-12-8   |                                       |                                   |                                       |   | 9.2E+03                         | 1.4E+04                      |                                  | 5.5E+03                               |
|  |  |                                 |                   | 8.0E-02                                  | P                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Aminobiphenyl, 4-           | 92-67-1    | 1.4E-01                               | 2.1E-01                           | 2.8E+03                               | 8.2E-02                                 | 8.2E+04                         | 1.2E+05                      |                                  | 4.9E+04                               |
|  |  |                                 |                   | 2.0E-02                                  | P                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Aminophenol, m-             | 591-27-5   |                                       |                                   |                                       |   | 8.2E+04                         | 1.2E+05                      |                                  | 4.9E+04                               |
|  |  |                                 |                   | 2.5E-03                                  | I                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Aminophenol, p-             | 123-30-8   |                                       |                                   |                                       |   | 2.0E+04                         | 3.1E+04                      |                                  | 1.2E+04                               |
|  |  |                                 |                   | 1.0E-01                                  | I                          | 1                 |                   | 1.4E+09           |                   |                   |                   |                   | Amiraz                      | 33089-61-1 |                                       |                                   |                                       |   | 2.6E+03                         | 3.9E+03                      |                                  | 1.5E+03                               |
|  |  |                                 |                   | 7.0E-04                                  | I                          | 1                 |                   | 1.4E+09           |                   |                   |                   |                   | Ammonia                     | 7664-41-7  |                                       |                                   |                                       |   | 2.6E+03                         | 3.9E+03                      |                                  | 1.5E+03                               |
| 5.7E-03                                    | I  | 1.6E-06                         | C                 | 2.0E-01                                  | I                          | 1                 |                   | 1.4E+09           |                   |                   |                   |                   | Ammonium Perchlorate        | 7790-98-9  |                                       |                                   |                                       |   | 7.2E+02                         |                              |                                  | 7.2E+02                               |
|  |  |                                 |                   | 7.0E-03                                  | P                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Ammonium Sulfamate          | 7773-06-0  |                                       |                                   |                                       |   | 2.0E+05                         |                              |                                  | 2.0E+05                               |
|  |  |                                 |                   | 9.0E-04                                  | H                          | 0.15              |                   | 1.4E+09           |                   |                   |                   |                   | Aniline                     | 62-53-3    | 5.0E+02                               | 7.6E+02                           | 1.0E+07                               | 3.0E+02                                 | 7.2E+03                         | 1.1E+04                      | 6.0E+06                          | 4.3E+03                               |
|  |  |                                 |                   | 4.0E-04                                  | I                          | 0.15              |                   | 1.4E+09           |                   |                   |                   |                   | Antimony (metallic)         | 7440-36-0  |                                       |                                   |                                       |   | 4.1E+02                         |                              |                                  | 4.1E+02                               |
|  |  |                                 |                   | 5.0E-04                                  | H                          | 0.15              |                   | 1.4E+09           |                   |                   |                   |                   | Antimony Pentoxide          | 1314-60-9  |                                       |                                   |                                       |   | 5.1E+02                         |                              |                                  | 5.1E+02                               |
|  |  |                                 |                   | 9.0E-04                                  | H                          | 0.15              |                   | 1.4E+09           |                   |                   |                   |                   | Antimony Potassium Tartrate | 11071-15-1 |                                       |                                   |                                       |   | 9.2E+02                         |                              |                                  | 9.2E+02                               |
|  |  |                                 |                   | 4.0E-04                                  | H                          | 0.15              |                   | 1.4E+09           |                   |                   |                   |                   | Antimony Tetroxide          | 1332-81-6  |                                       |                                   |                                       |   | 4.1E+02                         |                              |                                  | 4.1E+02                               |
|  |  |                                 |                   | 2.0E-04                                  | I                          | 0.15              |                   | 1.4E+09           |                   |                   |                   |                   | Antimony Trioxide           | 1309-64-4  |                                       |                                   |                                       |   |                                 |                              | 1.2E+06                          | 1.2E+06                               |
|  |  |                                 |                   | 1.3E-02                                  | I                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Apollo                      | 74115-24-5 |                                       |                                   |                                       |   | 1.3E+04                         | 2.0E+04                      |                                  | 8.0E+03                               |
| 2.5E-02                                    | I  | 7.1E-06                         | I                 | 5.0E-02                                  | H                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Aramite                     | 140-57-8   | 1.1E+02                               | 1.7E+02                           | 2.3E+06                               | 6.9E+01                                 | 5.1E+04                         | 7.7E+04                      |                                  | 3.1E+04                               |
| 1.5E+00                                    | I  | 4.3E-03                         | I                 | 3.0E-04                                  | I                          | 1                 | 0.03              | 1.4E+09           |                   |                   |                   |                   | Arsenic, Inorganic          | 7440-38-2  | 1.9E+00                               | 9.6E+00                           | 3.9E+03                               | 1.6E+00                                 | 3.1E+02                         | 1.5E+03                      | 8.9E+04                          | 2.6E+02                               |
|  |  |                                 |                   | 3.5E-06                                  | C                          | 1                 |                   | 1.4E+09           |                   |                   |                   |                   | Arsine                      | 7784-42-1  |                                       |                                   |                                       |   | 3.6E+00                         |                              | 3.0E+05                          | 3.6E+00                               |
|  |  |                                 |                   | 9.0E-03                                  | I                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Assure                      | 76578-14-8 |                                       |                                   |                                       |   | 9.2E+03                         | 1.4E+04                      |                                  | 5.5E+03                               |
|  |  |                                 |                   | 5.0E-02                                  | I                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Asulam                      | 3337-71-1  |                                       |                                   |                                       |   | 5.1E+04                         | 7.7E+04                      |                                  | 3.1E+04                               |
| 2.3E-01                                    | C  | 3.5E-02                         | C                 | 3.5E-02                                  | I                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Atrazine                    | 1912-24-9  | 1.2E+01                               | 1.9E+01                           |                                       | 7.5E+00                                 | 3.6E+04                         | 5.4E+04                      |                                  | 2.2E+04                               |
| 8.8E-01                                    | C  | 2.5E-04                         | C                 | 4.0E-04                                  | I                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Auramine                    | 492-80-8   | 3.3E+00                               | 4.9E+00                           | 6.7E+04                               | 2.0E+00                                 | 3.6E+04                         | 5.4E+04                      |                                  | 2.2E+04                               |
|  |  |                                 |                   | 1.1E-01                                  | I                          | 1                 |                   | 1.4E+09           |                   |                   |                   |                   | Avermectin B1               | 65195-55-3 | 2.6E+01                               |                                   |                                       |   | 4.1E+02                         | 6.2E+02                      |                                  | 2.5E+02                               |
|  |  |                                 |                   | 3.1E-05                                  | I                          | 1                 |                   | 5.8E+05           |                   |                   |                   |                   | Azobenzene                  | 103-33-3   |                                       |                                   | 2.3E+02                               | 2.3E+01                                 |                                 |                              |                                  |                                       |
|  |  |                                 |                   | 2.0E-01                                  | I                          | 0.07              |                   | 1.4E+09           |                   |                   |                   |                   | Barium                      | 7440-39-3  |                                       |                                   |                                       |   | 2.0E+05                         |                              | 3.0E+06                          | 1.9E+05                               |
|  |  |                                 |                   | 4.0E-03                                  | I                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Baygon                      | 114-26-1   |                                       |                                   |                                       |   | 4.1E+03                         | 6.2E+03                      |                                  | 2.5E+03                               |
|  |  |                                 |                   | 3.0E-02                                  | I                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Bayleton                    | 43121-43-3 |                                       |                                   |                                       |   | 3.1E+04                         | 4.6E+04                      |                                  | 1.8E+04                               |
|  |  |                                 |                   | 2.5E-02                                  | I                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Baythroid                   | 68359-37-5 |                                       |                                   |                                       |   | 2.6E+04                         | 3.9E+04                      |                                  | 1.5E+04                               |
|  |  |                                 |                   | 3.0E-01                                  | I                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Benefin                     | 1861-40-1  |                                       |                                   |                                       |   | 3.1E+05                         | 4.6E+05                      |                                  | 1.8E+05                               |
|  |  |                                 |                   | 5.0E-02                                  | I                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Benomyl                     | 17804-35-2 |                                       |                                   |                                       |   | 5.1E+04                         | 7.7E+04                      |                                  | 3.1E+04                               |
|  |  |                                 |                   | 3.0E-02                                  | I                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Bentazon                    | 25057-89-0 |                                       |                                   |                                       |   | 3.1E+04                         | 4.6E+04                      |                                  | 1.8E+04                               |
| 5.5E-02                                    | I  | 7.8E-06                         | I                 | 1.0E-01                                  | I                          | 1                 |                   | 1.2E+03           | 1.4E+09           | 2.4E+04           |                   |                   | Benzaldehyde                | 100-52-7   | 5.2E+01                               |                                   |                                       |   | 1.0E+05                         |                              |                                  | 1.0E+05                               |
|  |  |                                 |                   | 4.0E-03                                  | I                          | 1                 |                   | 1.8E+03           | 1.4E+09           | 3.8E+03           |                   |                   | Benzene                     | 71-43-2    |                                       |                                   | 6.0E+00                               | 5.4E+00                                 | 4.1E+03                         |                              | 5.0E+02                          | 4.5E+02                               |
|  |  |                                 |                   | 1.0E-05                                  | H                          | 1                 |                   | 1.3E+03           | 1.4E+09           | 2.1E+04           |                   |                   | Benzenethiol                | 108-98-5   |                                       |                                   |                                       |   | 1.0E+01                         |                              |                                  | 1.0E+01                               |
| 2.3E+02                                    | I  | 6.7E-02                         | I                 | 3.0E-03                                  | I                          | 1                 | 0.1               | 1.4E+09           |                   |                   |                   |                   | Benzidine                   | 92-87-5    | 1.2E-02                               | 1.9E-02                           | 2.5E+02                               | 7.5E-03                                 | 3.1E+03                         | 4.6E+03                      |                                  | 1.8E+03                               |
|  |  |                                 |                   |  |                            |                   |                   |                   |                   |                   |                   |                   |                             |            |                                       |                                   |                                       |   |                                 |                              |                                  |                                       |



Regional Screening Level (RSL) Industrial Soil Table November 2010

| Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1 |             |   |             |                                 |             |  |               |              |                     |             |                               |                                       |   |  |                                |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |
|---|-------------|---|-------------|---------------------------------|-------------|--|---------------|--------------|---------------------|-------------|-------------------------------|---------------------------------------|---|--|--------------------------------|--------------------------------------|-----------------------------------|---------------------------------------|---|---------------------------------|------------------------------|----------------------------------|---------------------------------------|
| Toxicity and Chemical-specific Information  |             |   |             |                                 |             |  |               |              |                     | Contaminant |                               | Carcinogenic Target Risk (TR) = 1E-06 |   |  |                                | Noncancer Hazard Index (HI) = 1      |                                   |                                       |   |                                 |                              |                                  |                                       |
| SFO<br>(mg/kg-day) <sup>-1</sup>  | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>0</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>0</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y   | muta-<br>gen | GIABS               | ABS         | C <sub>sat</sub><br>(mg/kg)   | PEF<br>(m <sup>3</sup> /kg)           | VF<br>(m <sup>3</sup> /kg)  | Analyte  | CAS No.                        | Ingestion SL<br>TR=1.0E-6<br>(mg/kg) | Dermal SL<br>TR=1.0E-6<br>(mg/kg) | Inhalation SL<br>TR=1.0E-6<br>(mg/kg) | Carcinogenic SL<br>TR=1.0E-6<br>(mg/kg) | Ingestion SL<br>HQ=1<br>(mg/kg) | Dermal SL<br>HQ=1<br>(mg/kg) | Inhalation SL<br>HQ=1<br>(mg/kg) | Noncarcinogenic SL<br>HI=1<br>(mg/kg) |
| 2.0E-01   | P           |   |             | 4.0E-03<br>2.0E-02              | I<br>P V    | 3.0E-05<br>5.0E-02                       | I             |              | 1<br>1              | 0.1<br>0.1  | 1.4E+09<br>1.4E+09            | 6.9E+03                               | Chloroacetophenone, 2-<br>Chloroaniline, p-<br>Chlorobenzene  | 532-27-4<br>106-47-8<br>108-90-7   | 1.4E+01<br>2.2E+01             |                                      |                                   | 8.6E+00                               | 4.1E+03<br>2.0E+04                      | 6.2E+03                         |                              | 1.8E+05<br>1.5E+03               | 1.8E+05<br>2.5E+03<br>1.4E+03         |
| 1.1E-01   | C           | 3.1E-05                                   | C           | 2.0E-02<br>3.0E-02<br>3.0E-03   | I<br>X<br>P | 2.0E-02<br>3.0E-01                       | I<br>P V      |              | 1<br>1<br>1         | 0.1<br>0.1  | 1.4E+09<br>1.4E+09<br>1.2E+02 | 7.3E+03                               | Chlorobenzilate<br>Chlorobenzoic Acid, p-<br>Chlorobenzotrifluoride, 4-   | 510-15-6<br>74-11-3<br>98-56-6   | 2.6E+01<br>3.9E+01             | 5.4E+05                              | 1.6E+01                           | 2.0E+04<br>3.1E+04<br>3.1E+03         | 3.1E+04<br>4.6E+04                      |                                 | 9.6E+03                      | 1.2E+04<br>1.8E+04<br>2.3E+03    |                                       |
| 3.1E-02   | C           | 2.3E-05                                   | I           | 1.0E-02                         | I           | 5.0E+01<br>9.8E-02                       | I<br>V<br>A V |              | 1<br>1<br>1         |             | 7.3E+02<br>1.7E+03<br>2.5E+03 | 1.4E+09<br>1.4E+09<br>1.4E+09         | 1.9E+03<br>1.0E+03<br>2.8E+03   | Chlorobutane, 1-<br>Chlorodifluoromethane<br>Chloroform                        | 109-69-3<br>75-45-6<br>67-66-3 | 9.2E+01                              |                                   | 1.5E+00                               | 1.5E+00                                 | 1.0E+04                         |                              | 2.2E+05<br>1.2E+03               | 2.2E+05<br>1.1E+03                    |
| 2.4E+00   | C           | 6.9E-04                                   | C           | 8.0E-02                         | I           | 9.0E-02                                  | I<br>V<br>V   |              | 1<br>1<br>1         |             | 1.3E+03<br>2.6E+04<br>1.8E+02 | 1.4E+09<br>1.4E+09<br>1.4E+09         | 1.3E+03<br>5.7E+03<br>8.6E+04   | Chloromethane<br>Chloromethyl Methyl Ether<br>Chloronaphthalene, Beta-         | 74-87-3<br>107-30-2<br>91-58-7 | 1.2E+00                              |                                   | 1.0E-01                               | 9.4E-02                                 | 8.2E+04                         |                              | 5.0E+02                          | 5.0E+02                               |
| 3.0E-01<br>6.3E-03  | P<br>P      |   |             | 3.0E-03<br>1.0E-03<br>5.0E-03   | P<br>P<br>I | 1.0E-05<br>6.0E-04                       | X<br>P<br>V   |              | 1<br>1<br>1         | 0.1<br>0.1  | 1.4E+09<br>1.4E+09<br>2.2E+04 | 5.0E+03                               | Chloronitrobenzene, o-<br>Chloronitrobenzene, p-<br>Chlorophenol, 2-  | 88-73-3<br>100-00-5<br>95-57-8   | 9.5E+00<br>4.5E+02             | 1.4E+01<br>6.9E+02                   |                                   | 5.7E+00<br>2.7E+02                    | 3.1E+03<br>1.0E+03<br>5.1E+03           | 4.6E+03<br>1.5E+03              | 6.0E+04<br>3.6E+06           | 1.8E+03<br>6.2E+02<br>5.1E+03    |                                       |
| 3.1E-03   | C           | 8.9E-07                                   | C           | 1.5E-02<br>2.0E-02              | I<br>I      | 4.0E-04                                  | C<br>V        |              | 1<br>1              | 0.1         | 6.2E+02<br>1.4E+09            | 5.0E+03                               | Chloropicrin<br>Chlorothalonil<br>Chlorotoluene, o-   | 76-06-2<br>1897-45-6<br>95-49-8  | 9.2E+02                        | 1.4E+03                              | 1.9E+07                           | 5.6E+02                               | 1.5E+04<br>2.0E+04                      | 2.3E+04                         | 8.8E+00                      | 8.8E+00<br>9.2E+03<br>2.0E+04    |                                       |
| 2.4E+02   | C           | 6.9E-02                                   | C           | 7.0E-02<br>2.0E-01              | P<br>I      |  | V             |              | 1<br>1              | 0.1<br>0.1  | 2.5E+02<br>1.4E+09<br>1.4E+09 | 7.9E+03                               | Chlorotoluene, p-<br>Chlorozotocin<br>Chlorpropham  | 106-43-4<br>54749-90-5<br>101-21-3   | 1.2E-02                        | 1.8E-02                              | 2.4E+02                           | 7.2E-03                               | 7.2E+04                                 |                                 | 2.0E+05<br>3.1E+05           | 1.2E+05                          |                                       |
| 5.0E-01   | J           | 8.4E-02                                   | S           | 8.0E-04<br>1.5E+00<br>3.0E-03   | H<br>I<br>I | 1.0E-04                                  | I             | M            | 1<br>0.013<br>0.025 |             | 1.4E+09<br>1.4E+09<br>1.4E+09 |                                       | Chlorpyrifos<br>Chlorpyrifos Methyl<br>Chlorsulfuron<br>Chlorthiophos<br>Chromium(III), Insoluble Salts<br>Chromium(VI) | 2921-88-2<br>5598-13-0<br>64902-72-3<br>60238-56-4<br>16065-83-1<br>18540-29-9 | 9.2E+02                        | 1.4E+03                              | 1.9E+07                           | 5.6E+02                               | 1.5E+04<br>3.1E+03                      | 2.3E+04                         | 8.8E+00<br>6.0E+05           | 8.8E+00<br>9.2E+03<br>2.0E+04    |                                       |
| 9.0E-03<br>6.2E-04  | P<br>I      |   |             | 3.0E-04<br>6.0E-06              | P<br>P      |  |               | M            | 1<br>1              | 0.1         | 1.4E+09<br>1.4E+09            |                                       | Chromium, Total<br>Cobalt<br>Coke Oven Emissions  | 7440-47-3<br>7440-48-4<br>8007-45-2  |                                |                                      | 1.9E+03                           | 1.9E+03                               | 3.1E+02                                 |                                 | 3.6E+04                      | 3.0E+02                          |                                       |
|   |             |   |             | 4.0E-02<br>5.0E-02<br>5.0E-02   | H<br>I<br>I | 6.0E-01                                  | C<br>C        |              | 1<br>1<br>1         |             | 1.4E+09<br>1.4E+09<br>1.4E+09 |                                       | Copper<br>Cresol, m-<br>Cresol, o-  | 7440-50-8<br>108-39-4<br>95-48-7   |                                |                                      |                                   |                                       | 4.1E+04<br>5.1E+04<br>5.1E+04           | 7.7E+04<br>7.7E+04              | 3.6E+09<br>3.6E+09           | 4.1E+04<br>3.1E+04<br>3.1E+04    |                                       |
|   |             |   |             | 5.0E-03<br>1.0E-01<br>1.0E-01   | H<br>X<br>A | 6.0E-01                                  | C<br>C<br>V   |              | 1<br>1<br>1         | 0.1         | 1.4E+09<br>1.4E+09<br>5.0E+04 | 3.3E+05                               | Cresol, p-<br>Cresol, p-chloro-m-<br>Cresols  | 106-44-5<br>59-50-7<br>1319-77-3   |                                |                                      |                                   |                                       | 5.1E+03<br>1.0E+05<br>1.0E+05           | 7.7E+03<br>1.5E+05              | 3.6E+09                      | 3.1E+03<br>6.2E+04<br>9.1E+04    |                                       |
| 1.9E+00   | H           |   |             | 1.0E-01                         | I           | 4.0E-01                                  | I<br>V        |              | 1<br>1              |             | 1.7E+04<br>2.7E+02            | 2.0E+04<br>6.7E+03                    | Crotonaldehyde, trans-<br>Cumene<br>Cupferron   | 123-73-9<br>98-82-8<br>135-20-6  | 1.5E+00                        |                                      | 1.5E+00                           |                                       | 1.0E+05                                 |                                 | 1.2E+04                      | 1.1E+04                          |                                       |
| 2.2E-01   | C           | 6.3E-05                                   | C           | 2.0E-03                         | H           |  |               |              | 1                   | 0.1         | 1.4E+09                       |                                       | Cyanazine<br>Cyanides<br>~Calcium Cyanide   | 21725-46-2<br>592-01-8   | 3.4E+00                        | 5.2E+00                              | 2.1E+00                           | 2.0E+03                               | 3.1E+03                                 |                                 |                              | 1.2E+03                          |                                       |
|   |             |   |             | 5.0E-03<br>2.0E-02<br>4.0E-02   | I<br>I<br>I |  |               |              | 1<br>1<br>1         |             | 1.4E+09<br>1.0E+07<br>1.5E+03 | 1.4E+09<br>1.4E+09<br>1.3E+03         | ~Copper Cyanide<br>~Cyanide (CN-)<br>~Cyanogen  | 544-92-3<br>57-12-5<br>460-19-5  |                                |                                      |                                   |                                       | 5.1E+03<br>2.0E+04<br>4.1E+04           |                                 |                              | 5.1E+03<br>2.0E+04<br>4.1E+04    |                                       |
|   |             |   |             | 9.0E-02<br>5.0E-02<br>6.0E-04   | I<br>I<br>I |  |               |              | 1<br>1<br>1         |             | 1.0E+05<br>4.3E+03<br>1.2E+05 | 9.7E+02<br>2.1E+03<br>6.1E+03         | ~Cyanogen Bromide<br>~Cyanogen Chloride<br>~Hydrogen Cyanide  | 506-68-3<br>506-77-4<br>74-90-8  |                                |                                      |                                   |                                       | 9.2E+04<br>5.1E+04<br>6.1E+02           |                                 | 2.1E+01                      | 9.2E+04<br>5.1E+04<br>2.1E+01    |                                       |
|   |             |   |             | 5.0E-02<br>2.0E-01<br>1.0E-01   | I<br>I<br>I |  |               |              | 1<br>0.04<br>0.04   |             | 1.4E+09<br>1.4E+09<br>1.4E+09 |                                       | ~Potassium Cyanide<br>~Potassium Silver Cyanide<br>~Silver Cyanide  | 151-50-8<br>506-61-6<br>506-64-9   |                                |                                      |                                   |                                       | 5.1E+04<br>2.0E+05<br>1.0E+05           |                                 |                              | 5.1E+04<br>2.0E+05<br>1.0E+05    |                                       |
|   |             |   |             | 4.0E-02<br>2.0E-04<br>5.0E-02   | I<br>P<br>I |  |               |              | 1<br>1<br>1         |             | 1.4E+09<br>4.6E+03<br>1.4E+09 | 7.1E+03                               | ~Sodium Cyanide<br>~Thiocyanate<br>~Zinc Cyanide  | 143-33-9<br>463-56-9<br>557-21-1   |                                |                                      |                                   |                                       | 4.1E+04<br>2.0E+02<br>5.1E+04           |                                 |                              | 4.1E+04<br>2.0E+02<br>5.1E+04    |                                       |
| 2.3E-02   | H           |   |             | 6.0E+00                         | I<br>V      |  |               |              | 1                   |             | 1.2E+02                       | 1.1E+03                               | Cyclohexane<br>Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-<br>Cyclohexanone   | 110-82-7<br>87-84-3<br>108-94-1  | 1.2E+02                        | 1.9E+02                              |                                   | 7.5E+01                               | 5.1E+06<br>7.7E+06                      |                                 |                              | 2.9E+04                          | 2.9E+04                               |
|   |             |   |             | 2.0E-01<br>5.0E-03<br>1.0E-02   | I<br>I<br>I |  |               |              | 1<br>1<br>1         | 0.1         | 1.4E+09<br>1.4E+09<br>1.4E+09 |                                       | Cyclohexylamine<br>Cyhalothrin/karate<br>Cypermethrin   | 108-91-8<br>68085-85-8<br>52315-07-8   |                                |                                      |                                   |                                       | 2.0E+05<br>5.1E+03<br>1.0E+04           | 3.1E+05<br>7.7E+03<br>1.5E+04   |                              |                                  | 1.2E+05<br>3.1E+03<br>6.2E+03         |



Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |    |                                    |    |             |    |                      |    |      |       |     |                  | Contaminant          |                      | Carcinogenic Target Risk (TR) = 1E-06                        |                      |                   |                   | Noncancer Hazard Index (HI) = 1 |                   |              |              |               |                    |         |
|--|----|------------------------------------|----|-------------|----|----------------------|----|------|-------|-----|------------------|----------------------|----------------------|--|----------------------|-------------------|-------------------|---------------------------------|-------------------|--------------|--------------|---------------|--------------------|---------|
| SFO  | ke | IUR                                | ke | RfD         | ke | RfC                  | ke | muta | GIABS | ABS | C <sub>sat</sub> | PEF                  | VF                   | Analyte  | CAS No.              | Ingestion SL      | Dermal SL         | Inhalation SL                   | Carcinogenic SL   | Ingestion SL | Dermal SL    | Inhalation SL | Noncarcinogenic SL |         |
| (mg/kg-day) <sup>-1</sup>                  | y  | (ug/m <sup>3</sup> ) <sup>-1</sup> | y  | (mg/kg-day) | y  | (mg/m <sup>3</sup> ) | y  | c    |       |     | (mg/kg)          | (m <sup>3</sup> /kg) | (m <sup>3</sup> /kg) |  |                      | TR=1.0E-6 (mg/kg) | TR=1.0E-6 (mg/kg) | TR=1.0E-6 (mg/kg)               | TR=1.0E-6 (mg/kg) | HQ=1 (mg/kg) | HQ=1 (mg/kg) | HQ=1 (mg/kg)  | HI=1 (mg/kg)       |         |
|  |    |                                    |    |             |    |                      |    |      |       | 1   | 0.1              |                      |                      | Cyromazine   | 66215-27-8           |                   |                   |                                 |                   | 7.7E+03      |              |               |                    | 4.6E+03 |
| 2.4E-01                                    | I  | 6.9E-05                            | C  |             |    |                      |    |      |       | 1   | 0.1              |                      |                      | DDD  | 72-54-8              | 1.2E+01           | 1.8E+01           | 2.4E+05                         | 7.2E+00           |              |              |               |                    |         |
| 3.4E-01                                    | I  | 9.7E-05                            | C  |             |    |                      |    |      |       | 1   | 0.1              |                      |                      | DDE, p,p'  | 72-55-9              | 8.4E+00           | 1.3E+01           | 1.7E+05                         | 5.1E+00           |              |              |               |                    |         |
| 3.4E-01                                    | I  | 9.7E-05                            | I  | 5.0E-04     | I  |                      |    |      |       | 1   | 0.03             |                      |                      | DDT  | 50-29-3              | 8.4E+00           | 4.3E+01           | 1.7E+05                         | 7.0E+00           | 5.1E+02      | 2.6E+03      |               |                    | 4.3E+02 |
|  |    |                                    |    | 1.0E-02     | I  |                      |    |      |       | 1   | 0.1              |                      |                      | Dacthal  | 1861-32-1            |                   |                   |                                 |                   | 1.0E+04      | 1.5E+04      |               |                    | 6.2E+03 |
|  |    |                                    |    | 3.0E-02     | I  |                      |    |      |       | 1   | 0.1              |                      |                      | Dalapon  | 75-99-0              |                   |                   |                                 |                   | 3.1E+04      | 4.6E+04      |               |                    | 1.8E+04 |
| 7.0E-04                                    | I  |                                    |    | 7.0E-03     | I  |                      |    |      |       | 1   | 0.1              |                      |                      | Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209) | 1163-19-5            | 4.1E+03           | 6.2E+03           |                                 | 2.5E+03           | 7.2E+03      | 1.1E+04      |               |                    | 4.3E+03 |
|  |    |                                    |    | 4.0E-05     | I  |                      |    |      |       | 1   | 0.1              |                      |                      | Demeton  | 8065-48-3            |                   |                   |                                 |                   | 4.1E+01      | 6.2E+01      |               |                    | 2.5E+01 |
| 1.2E-03                                    | I  |                                    |    | 6.0E-01     | I  |                      |    |      |       | 1   | 0.1              |                      |                      | Di(2-ethylhexyl)adipate                                      | 103-23-1             | 2.4E+03           | 3.6E+03           |                                 | 1.4E+03           | 6.1E+05      | 9.3E+05      |               |                    | 3.7E+05 |
| 6.1E-02                                    | H  |                                    |    |             |    |                      |    |      |       | 1   | 0.1              |                      |                      | Diallate   | 2303-16-4            | 4.7E+01           | 7.1E+01           |                                 | 2.8E+01           |              |              |               |                    |         |
|  |    |                                    |    |             |    |                      |    |      |       | 1   | 0.1              |                      |                      | Diazinon   | 333-41-5             |                   |                   |                                 |                   | 7.2E+02      | 1.1E+03      |               |                    | 4.3E+02 |
| 8.0E-01                                    | P  | 6.0E-03                            | P  | 7.0E-04     | A  | 2.0E-04              | I  | V    | M     | 1   | 9.8E+02          | 1.4E+09              | 3.4E+04              | Dibromo-3-chloropropane, 1,2-                                | 96-12-8              | 3.6E+00           |                   | 7.0E-02                         | 6.9E-02           | 2.0E+02      |              | 3.0E+01       |                    | 2.6E+01 |
|  |    |                                    |    | 1.0E-02     | I  |                      |    |      |       | 1   | 0.1              |                      |                      | Dibromobenzene, 1,4-   | 106-37-6             |                   |                   |                                 |                   | 1.0E+04      | 1.5E+04      |               |                    | 6.2E+03 |
| 8.4E-02                                    | I  | 2.7E-05                            | C  | 2.0E-02     | I  |                      |    |      |       | 1   | 0.1              | 8.0E+02              | 1.4E+09              | 8.6E+03  | Dibromochloromethane | 124-48-1          | 3.4E+01           | 5.2E+01                         | 3.9E+00           | 3.3E+00      | 2.0E+04      | 3.1E+04       |                    | 1.2E+04 |
| 2.0E+00                                    | I  | 6.0E-04                            | I  | 9.0E-03     | I  | 9.0E-03              | I  | V    |       | 1   | 1.3E+03          | 1.4E+09              | 9.3E+03              | Dibromoethane, 1,2-  | 106-93-4             | 1.4E+00           |                   | 1.9E-01                         | 1.7E-01           | 9.2E+03      |              | 3.7E+02       |                    | 3.5E+02 |
|  |    |                                    |    | 1.0E-02     | H  | 4.0E-03              | X  | V    |       | 1   | 2.8E+03          | 1.4E+09              | 6.1E+03              | Dibromomethane (Methylene Bromide)                           | 74-95-3              |                   |                   |                                 |                   | 1.0E+04      |              | 1.1E+02       |                    | 1.1E+02 |
|  |    |                                    |    | 1.0E-01     | I  |                      |    |      |       | 1   | 0.1              |                      |                      | Dibutyl Phthalate  | 84-74-2              |                   |                   |                                 |                   | 1.0E+05      | 1.5E+05      |               |                    | 6.2E+04 |
|  |    |                                    |    | 3.0E-04     | P  |                      |    |      |       | 1   | 0.1              |                      |                      | Dibutyltin Compounds   | NA                   |                   |                   |                                 |                   | 3.1E+02      | 4.6E+02      |               |                    | 1.8E+02 |
|  |    |                                    |    | 3.0E-02     | I  |                      |    |      |       | 1   | 0.1              |                      |                      | Dicamba  | 1918-00-9            |                   |                   |                                 |                   | 3.1E+04      | 4.6E+04      |               |                    | 1.8E+04 |
|  |    | 4.2E-03                            | P  |             |    |                      |    |      |       | 1   | 5.2E+02          | 1.4E+09              | 1.1E+04              | Dichloro-2-butene, 1,4-                                      | 764-41-0             |                   |                   | 3.3E-02                         | 3.3E-02           |              |              |               |                    |         |
|  |    | 4.2E-03                            | P  |             |    |                      |    |      |       | 1   | 0.1              | 5.2E+02              | 1.4E+09              | Dichloro-2-butene, cis-1,4-                                  | 1476-11-5            |                   |                   | 3.5E-02                         | 3.5E-02           |              |              |               |                    |         |
| 5.0E-02                                    | I  | 4.2E-03                            | P  |             |    |                      |    |      |       | 1   | 0.1              | 7.6E+02              | 1.4E+09              | Dichloro-2-butene, trans-1,4-                                | 110-57-6             |                   |                   | 3.5E-02                         | 3.5E-02           |              |              |               |                    |         |
|  |    |                                    |    | 4.0E-03     | I  | 2.0E-01              | H  | V    |       | 1   | 0.1              |                      |                      | Dichloroacetic Acid  | 79-43-6              | 5.7E+01           | 8.7E+01           |                                 | 3.4E+01           | 4.1E+03      | 6.2E+03      | 1.1E+04       |                    | 2.5E+03 |
|  |    |                                    |    | 9.0E-02     | I  |                      |    |      |       | 1   | 3.8E+02          | 1.4E+09              | 1.3E+04              | Dichlorobenzene, 1,2-  | 95-50-1              |                   |                   |                                 |                   | 9.2E+04      |              |               |                    | 9.8E+03 |
| 5.4E-03                                    | C  | 1.1E-05                            | C  | 7.0E-02     | A  | 8.0E-01              | I  | V    |       | 1   | 1.4E+09          | 1.1E+04              |                      | Dichlorobenzene, 1,4-  | 106-46-7             |                   |                   | 1.3E+01                         | 1.2E+01           | 7.2E+04      |              | 3.9E+04       |                    | 2.5E+04 |
| 4.5E-01                                    | I  | 3.4E-04                            | C  |             |    |                      |    |      |       | 1   | 0.1              |                      |                      | Dichlorobenzidine, 3,3'-                                     | 91-94-1              | 6.4E+00           | 9.6E+00           | 4.9E+04                         | 3.8E+00           |              |              |               |                    |         |
|  |    |                                    |    | 9.0E-03     | X  |                      |    |      |       | 1   | 0.1              |                      |                      | Dichlorobenzophenone, 4,4'-                                  | 90-98-2              |                   |                   |                                 |                   | 9.2E+03      | 1.4E+04      |               |                    | 5.5E+03 |
| 5.7E-03                                    | C  | 1.6E-06                            | C  | 2.0E-01     | I  | 2.0E-01              | H  | V    |       | 1   | 8.5E+02          | 1.4E+09              | 9.0E+02              | Dichlorodifluoromethane                                      | 75-71-8              |                   |                   |                                 |                   | 2.0E+05      |              | 7.8E+02       |                    | 7.8E+02 |
| 9.1E-02                                    | I  | 2.6E-05                            | I  | 2.0E-02     | P  | 2.4E+00              | A  | V    |       | 1   | 3.0E+03          | 1.4E+09              | 4.9E+03              | Dichloroethane, 1,1-   | 75-34-3              | 5.0E+02           |                   | 1.7E+01                         | 1.7E+01           | 2.0E+05      |              |               |                    | 2.0E+05 |
|  |    |                                    |    |             |    |                      |    |      |       | 1   | 3.0E+03          | 1.4E+09              | 4.9E+03              | Dichloroethane, 1,2-   | 107-06-2             | 3.1E+01           |                   | 2.3E+00                         | 2.2E+00           | 2.0E+04      | 5.2E+04      |               |                    | 1.5E+04 |
|  |    |                                    |    | 5.0E-02     | I  | 2.0E-01              | I  | V    |       | 1   | 1.2E+03          | 1.4E+09              | 1.2E+03              | Dichloroethylene, 1,1-                                       | 75-35-4              |                   |                   |                                 |                   | 5.1E+04      |              | 1.1E+03       |                    | 1.1E+03 |
|  |    |                                    |    | 9.0E-03     | H  |                      |    |      |       | 1   | 1.3E+03          | 1.4E+09              | 2.7E+03              | Dichloroethylene, 1,2- (Mixed Isomers)                       | 540-59-0             |                   |                   |                                 |                   | 9.2E+03      |              |               |                    | 9.2E+03 |
|  |    |                                    |    | 2.0E-03     | I  |                      |    |      |       | 1   | 2.4E+03          | 1.4E+09              | 2.7E+03              | Dichloroethylene, 1,2-cis-                                   | 156-59-2             |                   |                   |                                 |                   | 2.0E+03      |              |               |                    | 2.0E+03 |
|  |    |                                    |    | 2.0E-02     | I  | 6.0E-02              | P  | V    |       | 1   | 1.7E+03          | 1.4E+09              | 2.7E+03              | Dichloroethylene, 1,2-trans-                                 | 156-60-5             |                   |                   |                                 |                   | 2.0E+04      |              | 7.1E+02       |                    | 6.9E+02 |
|  |    |                                    |    | 3.0E-03     | I  |                      |    |      |       | 1   | 0.1              |                      |                      | Dichlorophenol, 2,4-   | 120-83-2             |                   |                   |                                 |                   | 3.1E+03      | 4.6E+03      |               |                    | 1.8E+03 |
|  |    |                                    |    | 1.0E-02     | I  |                      |    |      |       | 1   | 0.05             |                      |                      | Dichlorophenoxy Acetic Acid, 2,4-                            | 94-75-7              |                   |                   |                                 |                   | 1.0E+04      | 3.1E+04      |               |                    | 7.7E+03 |
| 3.6E-02                                    | C  | 1.0E-05                            | C  | 9.0E-02     | A  | 4.0E-03              | I  | V    |       | 1   | 1.4E+03          | 1.4E+09              | 3.9E+03              | Dichlorophenoxy)butyric Acid, 4-(2,4-                        | 94-82-6              | 7.9E+01           |                   | 4.7E+00                         | 4.5E+00           | 8.2E+03      | 1.2E+04      |               |                    | 4.9E+03 |
|  |    |                                    |    | 2.0E-02     | P  |                      |    |      |       | 1   | 1.5E+03          | 1.4E+09              | 7.3E+03              | Dichloropropane, 1,2-  | 78-87-5              |                   |                   |                                 |                   | 9.2E+04      |              | 6.8E+01       |                    | 6.8E+01 |
|  |    |                                    |    |             |    |                      |    |      |       | 1   |                  |                      |                      | Dichloropropane, 1,3-  | 142-28-9             |                   |                   |                                 |                   | 2.0E+04      |              |               |                    | 2.0E+04 |
| 1.0E-01                                    | I  | 4.0E-06                            | I  | 3.0E-02     | I  | 2.0E-02              | I  | V    |       | 1   | 1.6E+03          | 1.4E+09              | 3.7E+03              | Dichloropropanol, 2,3-                                       | 616-23-9             | 2.9E+01           |                   | 1.1E+01                         | 8.1E+00           | 3.1E+04      | 4.6E+03      |               |                    | 1.8E+03 |
| 2.9E-01                                    | I  | 8.3E-05                            | C  | 5.0E-04     | I  | 5.0E-04              | I  |      |       | 1   | 0.1              |                      |                      | Dichloropropene, 1,3-  | 542-75-6             | 9.9E+00           | 1.5E+01           | 2.0E+05                         | 5.9E+00           | 5.1E+02      | 7.7E+02      | 3.0E+06       |                    | 3.1E+02 |
|  |    |                                    |    |             |    |                      |    |      |       | 1   | 1.3E+02          | 1.4E+09              | 3.9E+03              | Dichlorvos   | 62-73-7              |                   |                   |                                 |                   |              |              |               |                    |         |
| 1.6E+01                                    | I  | 4.6E-03                            | I  | 5.0E-05     | I  |                      |    |      |       | 1   | 0.1              |                      |                      | Dicyclopentadiene  | 77-73-6              | 1.8E-01           | 2.7E-01           | 3.6E+03                         | 1.1E-01           | 8.2E+03      |              | 1.2E+02       |                    | 1.2E+02 |
|  |    | 3.0E-04                            | C  |             |    | 5.0E-03              | I  |      |       | 1   | 0.1              |                      |                      | Dieldrin   | 60-57-1              |                   |                   |                                 |                   | 5.1E+01      | 7.7E+01      |               |                    | 3.1E+01 |
|  |    |                                    |    |             |    |                      |    |      |       | 1   | 0.1              |                      |                      | Diesel Engine Exhaust  | NA                   |                   |                   |                                 |                   |              |              |               |                    |         |
|  |    |                                    |    | 3.0E-03     | C  |                      |    |      |       | 1   | 0.1              |                      |                      | Diethanolamine   | 111-42-2             |                   |                   |                                 |                   |              |              | 1.8E+07       |                    | 1.8E+07 |
|  |    |                                    |    | 8.0E-01     | I  |                      |    |      |       | 1   | 0.1              |                      |                      | Diethyl Phthalate  | 84-66-2              |                   |                   |                                 |                   | 8.2E+05      | 1.2E+06      |               |                    | 4.9E+05 |
|  |    |                                    |    | 3.0E-02     | P  | 1.0E-04              | P  |      |       | 1   | 0.1              |                      |                      | Diethylene Glycol Monobutyl Ether                            | 112-34-5             |                   |                   |                                 |                   | 3.1E+04      | 4.6E+04      | 6.0E+05       |                    | 1.8E+04 |
|  |    |                                    |    | 6.0E-02     | P  | 3.0E-04              | P  |      |       | 1   | 0.1              |                      |                      | Diethylene Glycol Monoethyl Ether                            | 111-90-0             |                   |                   |                                 |                   | 6.1E+04      | 9.3E+04      | 1.8E+06       |                    | 3.6E+04 |
| 3.5E+02                                    | C  | 1.0E-01                            | C  | 1.0E-03     | P  |                      |    |      |       | 1   | 0.1              |                      |                      | Diethylformamide   | 617-84-5             | 8.2E-03           | 1.2E-02           | 1.7E+02                         | 4.9E-03           | 1.0E+03      | 1.5E+03      |               |                    | 6.2E+02 |
|  |    |                                    |    |             |    |                      |    |      |       | 1   | 0.1              |                      |                      | Diethylstilbestrol   | 56-53-1              |                   |                   |                                 |                   |              |              |               |                    |         |
|  |    |                                    |    | 8.0E-02     | I  |                      |    |      |       | 1   | 0.1              |                      |                      | Difenzoquat  | 43222-48-6           |                   |                   |                                 |                   | 8.2E+04      | 1.2E+05      |               |                    | 4.9E+04 |
|  |    |                                    |    | 2.0E-02     | I  |                      |    |      |       | 1   | 0.1              |                      |                      | Diflubenzuron  | 35367-38-5           |                   |                   |                                 |                   | 2.0E+04      | 3.1E+04      |               |                    | 1.2E+04 |
| 4.4E-02                                    | C  | 1.3E-05                            | C  |             |    |                      |    |      |       | 1   | 0.1              |                      |                      | Difluoroethane, 1,1-   | 75-37-6              | 6.5E+01           | 9.9E+01           | 1.3E+06                         | 3.9E+01           |              |              | 2.2E+05       |                    | 2.2E+05 |
|  |    |                                    |    |             |    |                      |    |      |       | 1   | 2.3E+03          | 1.4E+09              | 3.3E+03              | Dihydrosafrole   | 94-58-6              |                   |                   |                                 |                   |              |              |               |                    |         |
|  |    |                                    |    | 8.0E-02     | I  |                      |    |      |       | 1   | 5.3E+02          | 1.4E+09              | 3.1E+04              | Di   |                      |                   |                   |                                 |                   |              |              |               |                    |         |

Regional Screening Level (RSL) Industrial Soil Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |  |   |                               |  |  |  |                     |              |       |     |                             |                             |                            | Contaminant                          |                       | Carcinogenic Target Risk (TR) = 1E-06 |                                   |                                       |   | Noncancer Hazard Index (HI) = 1 |                              |                                  |                                       |         |
|--|--|---|-------------------------------|--|--|--|---------------------|--------------|-------|-----|-----------------------------|-----------------------------|----------------------------|--------------------------------------|-----------------------|---------------------------------------|-----------------------------------|---------------------------------------|---|---------------------------------|------------------------------|----------------------------------|---------------------------------------|---------|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | k <sub>e</sub><br>(ug/m <sup>3</sup> ) <sup>-1</sup> | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k <sub>e</sub><br>(mg/kg-day) | RfD <sub>o</sub><br>(mg/m <sup>3</sup> ) | k <sub>e</sub><br>(mg/m <sup>3</sup> ) | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k <sub>e</sub><br>y | muta-<br>gen | GIABS | ABS | C <sub>sat</sub><br>(mg/kg) | PEF<br>(m <sup>3</sup> /kg) | VF<br>(m <sup>3</sup> /kg) | Analyte                              | CAS No.               | Ingestion SL<br>TR=1.0E-6<br>(mg/kg)  | Dermal SL<br>TR=1.0E-6<br>(mg/kg) | Inhalation SL<br>TR=1.0E-6<br>(mg/kg) | Carcinogenic SL<br>TR=1.0E-6<br>(mg/kg) | Ingestion SL<br>HQ=1<br>(mg/kg) | Dermal SL<br>HQ=1<br>(mg/kg) | Inhalation SL<br>HQ=1<br>(mg/kg) | Noncarcinogenic SL<br>HI=1<br>(mg/kg) |         |
| 1.7E-03                                    | P  |   |                               | 6.0E-02                                  |  |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Dimethyl methylphosphonate           | 756-79-6              | 1.7E+03                               | 2.6E+03                           |                                       | 1.0E+03                                 | 6.1E+04                         | 9.3E+04                      |                                  | 3.7E+04                               |         |
| 4.6E+00                                    | C  | 1.3E-03                                   | C                             |  |  |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Dimethylamino azobenzene [p-]        | 60-11-7               | 6.2E-01                               | 9.4E-01                           | 1.3E+04                               | 3.7E-01                                 |                                 |                              |                                  |                                       |         |
| 5.8E-01                                    | H  |   |                               |  |  |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Dimethylaniline HCl, 2,4-            | 21436-96-4            | 4.9E+00                               | 7.5E+00                           |                                       | 3.0E+00                                 |                                 |                              |                                  |                                       |         |
| 7.5E-01                                    | H  |   |                               |  |  |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Dimethylaniline, 2,4-                | 95-68-1               | 3.8E+00                               | 5.8E+00                           |                                       | 2.3E+00                                 |                                 |                              |                                  |                                       |         |
| 1.1E+01                                    | P  |   |                               | 2.0E-03                                  | I                                      |  | V                   |              |       | 1   | 0.1                         | 8.3E+02                     | 1.4E+09                    | 3.4E+04                              | Dimethylaniline, N,N- | 121-69-7                              |                                   |                                       |   | 2.0E+03                         |                              |                                  |                                       | 2.0E+03 |
|  |  |   |                               | 1.0E-01                                  | P                                      | 3.0E-02                                  | I                   |              |       | 1   | 0.1                         | 1.4E+09                     |                            |                                      | Dimethylformamide     | 68-12-2                               |                                   |                                       |   | 1.0E+05                         | 1.5E+05                      | 1.8E+08                          | 6.2E+04                               |         |
| 5.5E+02                                    | C  | 1.6E-01                                   | C                             | 1.0E-04                                  | X                                      | 2.0E-06                                  | X                   |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Dimethylhydrazine, 1,1-              | 57-14-7               | 5.2E-03                               | 7.9E-03                           | 1.0E+02                               | 3.1E-03                                 | 1.0E+02                         | 1.5E+02                      | 1.2E+04                          | 6.1E+01                               |         |
|  |  |   |                               | 2.0E-02                                  | I                                      |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Dimethylhydrazine, 1,2-              | 540-73-8              |                                       |                                   |                                       |   |                                 |                              |                                  |                                       |         |
|  |  |   |                               | 6.0E-04                                  | I                                      |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Dimethylphenol, 2,4-                 | 105-67-9              |                                       |                                   |                                       |   | 2.0E+04                         | 3.1E+04                      |                                  | 1.2E+04                               |         |
|  |  |   |                               | 1.0E-03                                  | I                                      |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Dimethylphenol, 2,6-                 | 576-26-1              |                                       |                                   |                                       |   | 6.1E+02                         | 9.3E+02                      |                                  | 3.7E+02                               |         |
|  |  |   |                               | 1.0E-03                                  | I                                      |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Dimethylphenol, 3,4-                 | 95-65-8               |                                       |                                   |                                       |   | 1.0E+03                         | 1.5E+03                      |                                  | 6.2E+02                               |         |
| 4.5E-02                                    | C  | 1.3E-05                                   | C                             | 1.0E-01                                  | I                                      |  | V                   |              |       | 1   | 5.5E+00                     | 1.4E+09                     | 2.3E+04                    | Dimethylterephthalate                | 120-61-6              | 6.4E+01                               | 9.6E+01                           | 1.3E+06                               | 3.8E+01                                 | 1.0E+05                         |                              |                                  | 1.0E+05                               |         |
|  |  |   |                               | 8.0E-05                                  | X                                      |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Dimethylvinylchloride                | 513-37-1              |                                       |                                   |                                       |   | 8.2E+01                         | 1.2E+02                      |                                  | 4.9E+01                               |         |
|  |  |   |                               | 1.0E-04                                  | P                                      |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Dinitro-o-cresol, 4,6-               | 534-52-1              |                                       |                                   |                                       |   | 2.0E+03                         | 3.1E+03                      |                                  | 1.2E+03                               |         |
|  |  |   |                               | 2.0E-03                                  | I                                      |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Dinitrobenzene, 1,2-                 | 131-89-5              |                                       |                                   |                                       |   | 1.0E+02                         | 1.5E+02                      |                                  | 6.2E+01                               |         |
|  |  |   |                               | 1.0E-04                                  | P                                      |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Dinitrobenzene, 1,3-                 | 528-29-0              |                                       |                                   |                                       |   | 1.0E+02                         | 1.5E+02                      |                                  | 6.2E+01                               |         |
|  |  |   |                               | 1.0E-04                                  | I                                      |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Dinitrobenzene, 1,4-                 | 99-65-0               |                                       |                                   |                                       |   | 1.0E+02                         | 1.5E+02                      |                                  | 6.2E+01                               |         |
| 6.8E-01                                    | I  |   |                               | 1.0E-04                                  | P                                      |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Dinitrophenol, 2,4-                  | 100-25-4              | 4.2E+00                               | 6.4E+00                           |                                       | 2.5E+00                                 | 2.0E+03                         | 3.1E+03                      |                                  | 1.2E+03                               |         |
|  |  |   |                               | 2.0E-03                                  | I                                      |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Dinitrotoluene Mixture, 2,4/2,6-     | 51-28-5               |                                       |                                   |                                       |   | 2.0E+03                         | 3.1E+03                      |                                  | 1.2E+03                               |         |
| 3.1E-01                                    | C  | 8.9E-05                                   | C                             | 2.0E-03                                  | I                                      |  |                     |              |       | 1   | 0.102                       | 1.4E+09                     |                            | Dinitrotoluene, 2,4-                 | 25321-14-6            | 9.2E+00                               | 1.4E+01                           | 1.9E+05                               | 5.5E+00                                 | 2.0E+03                         | 3.0E+03                      |                                  | 1.2E+03                               |         |
|  |  |   |                               | 1.0E-03                                  | P                                      |  |                     |              |       | 1   | 0.099                       | 1.4E+09                     |                            | Dinitrotoluene, 2,6-                 | 121-14-2              |                                       |                                   |                                       |   | 1.0E+03                         | 1.6E+03                      |                                  | 6.2E+02                               |         |
|  |  |   |                               | 2.0E-03                                  | S                                      |  |                     |              |       | 1   | 0.006                       | 1.4E+09                     |                            | Dinitrotoluene, 2-Amino-4,6-         | 606-20-2              |                                       |                                   |                                       |   | 2.0E+03                         | 5.2E+04                      |                                  | 2.0E+03                               |         |
|  |  |   |                               | 2.0E-03                                  | S                                      |  |                     |              |       | 1   | 0.009                       | 1.4E+09                     |                            | Dinitrotoluene, 4-Amino-2,6-         | 35572-78-2            |                                       |                                   |                                       |   | 2.0E+03                         | 3.4E+04                      |                                  | 1.9E+03                               |         |
| 1.0E-01                                    | I  | 7.7E-06                                   | C                             | 1.0E-03                                  | I                                      |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Dinoseb                              | 19406-51-0            | 2.9E+01                               | 4.3E+01                           | 2.2E+06                               | 1.7E+01                                 | 1.0E+03                         | 1.5E+03                      |                                  | 6.2E+02                               |         |
|  |  |   |                               | 3.0E-02                                  | I                                      | 3.6E+00                                  | A                   |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Dioxane, 1,4-                        | 88-85-7               |                                       |                                   |                                       |   | 3.1E+04                         | 4.6E+04                      | 2.1E+10                          | 1.8E+04                               |         |
|  |  |   |                               |  |  |  |                     |              |       |     |                             |                             |                            | Dioxins                              | 123-91-1              |                                       |                                   |                                       |   |                                 |                              |                                  |                                       |         |
| 6.2E+03                                    | I  | 1.3E+00                                   | I                             | 1.0E-09                                  | A                                      | 4.0E-08                                  | C                   |              |       | 1   | 0.03                        | 1.4E+09                     |                            | ~Hexachlorodibenzo-p-dioxin, Mixture | NA                    | 4.6E-04                               | 2.3E-03                           | 1.3E+01                               | 3.9E-04                                 | 1.0E-03                         | 5.2E-03                      | 2.4E+02                          | 8.5E-04                               |         |
| 1.3E+05                                    | C  | 3.8E+01                                   | C                             |  |  |  |                     |              |       | 1   | 0.03                        | 1.4E+09                     |                            | ~TCDD, 2,3,7,8-                      | 1746-01-6             | 2.2E-05                               | 1.1E-04                           | 4.4E-01                               | 1.8E-05                                 |                                 |                              |                                  |                                       |         |
|  |  |   |                               | 3.0E-02                                  | I                                      |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Diphenamid                           | 957-51-7              |                                       |                                   |                                       |   | 3.1E+04                         | 4.6E+04                      |                                  | 1.8E+04                               |         |
|  |  |   |                               | 8.0E-04                                  | X                                      |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Diphenyl Sulfone                     | 127-63-9              |                                       |                                   |                                       |   | 8.2E+02                         | 1.2E+03                      |                                  | 4.9E+02                               |         |
|  |  |   |                               | 2.5E-02                                  | I                                      |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Diphenylamine                        | 122-39-4              |                                       |                                   |                                       |   | 2.6E+04                         | 3.9E+04                      |                                  | 1.5E+04                               |         |
| 8.0E-01                                    | I  | 2.2E-04                                   | I                             |  |  |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Diphenylhydrazine, 1,2-              | 122-66-7              | 3.6E+00                               | 5.4E+00                           | 7.6E+04                               | 2.2E+00                                 |                                 |                              |                                  |                                       |         |
|  |  |   |                               | 2.2E-03                                  | I                                      |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Diquat                               | 85-00-7               |                                       |                                   |                                       |   | 2.2E+03                         | 3.4E+03                      |                                  | 1.4E+03                               |         |
| 7.4E+00                                    | C  | 2.1E-03                                   | C                             |  |  |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Direct Black 38                      | 1937-37-7             | 3.9E-01                               | 5.9E-01                           | 7.9E+03                               | 2.3E-01                                 |                                 |                              |                                  |                                       |         |
| 7.4E+00                                    | C  | 2.1E-03                                   | C                             |  |  |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Direct Blue 6                        | 2602-46-2             | 3.9E-01                               | 5.9E-01                           | 7.9E+03                               | 2.3E-01                                 |                                 |                              |                                  |                                       |         |
| 6.7E+00                                    | C  | 1.9E-03                                   | C                             |  |  |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Direct Brown 95                      | 16071-86-6            | 4.3E-01                               | 6.5E-01                           | 8.8E+03                               | 2.6E-01                                 |                                 |                              |                                  |                                       |         |
|  |  |   |                               | 4.0E-05                                  | I                                      |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Disulfoton                           | 298-04-4              |                                       |                                   |                                       |   | 4.1E+01                         | 6.2E+01                      |                                  | 2.5E+01                               |         |
|  |  |   |                               | 1.0E-02                                  | I                                      |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Dithiane, 1,4-                       | 505-29-3              |                                       |                                   |                                       |   | 1.0E+04                         | 1.5E+04                      |                                  | 6.2E+03                               |         |
|  |  |   |                               | 2.0E-03                                  | I                                      |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Diuron                               | 330-54-1              |                                       |                                   |                                       |   | 2.0E+03                         | 3.1E+03                      |                                  | 1.2E+03                               |         |
|  |  |   |                               | 4.0E-03                                  | I                                      |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Dodine                               | 2439-10-3             |                                       |                                   |                                       |   | 4.1E+03                         | 6.2E+03                      |                                  | 2.5E+03                               |         |
|  |  |   |                               | 2.5E-02                                  | I                                      |  | V                   |              |       | 1   | 4.1E+02                     | 1.4E+09                     | 1.3E+05                    | EPTC                                 | 759-94-4              |                                       |                                   |                                       |   | 2.6E+04                         |                              |                                  | 2.6E+04                               |         |
|  |  |   |                               | 6.0E-03                                  | I                                      |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Endosulfan                           | 115-29-7              |                                       |                                   |                                       |   | 6.1E+03                         | 9.3E+03                      |                                  | 3.7E+03                               |         |
|  |  |   |                               | 2.0E-02                                  | I                                      |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Endothall                            | 145-73-3              |                                       |                                   |                                       |   | 2.0E+04                         | 3.1E+04                      |                                  | 1.2E+04                               |         |
| 9.9E-03                                    | I  | 1.2E-06                                   | I                             | 3.0E-04                                  | I                                      |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Endrin                               | 72-20-8               |                                       |                                   |                                       |   | 3.1E+02                         | 4.6E+02                      |                                  | 1.8E+02                               |         |
|  |  |   |                               | 6.0E-03                                  | P                                      | 1.0E-03                                  | I                   | V            |       | 1   | 1.1E+04                     | 1.4E+09                     | 2.0E+04                    | Epichlorohydrin                      | 106-89-8              | 2.9E+02                               |                                   | 2.1E+02                               | 1.2E+02                                 | 6.1E+03                         |                              | 8.9E+01                          | 8.8E+01                               |         |
|  |  |   |                               | 2.0E-02                                  | I                                      | V  |                     |              |       | 1   | 1.5E+04                     | 1.4E+09                     | 8.2E+03                    | Epoxybutane, 1,2-                    | 106-88-7              |                                       |                                   |                                       |   | 6.1E+03                         |                              | 7.2E+02                          | 7.2E+02                               |         |
|  |  |   |                               | 5.0E-03                                  | I                                      |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Ethephon                             | 16672-87-0            |                                       |                                   |                                       |   | 5.1E+03                         | 7.7E+03                      |                                  | 3.1E+03                               |         |
|  |  |   |                               | 5.0E-04                                  | I                                      |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Ethion                               | 563-12-2              |                                       |                                   |                                       |   | 5.1E+02                         | 7.7E+02                      |                                  | 3.1E+02                               |         |
|  |  |   |                               | 3.0E-01                                  | H                                      | 3.0E-01                                  | C                   |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Ethoxyethanol Acetate, 2-            | 111-15-9              |                                       |                                   |                                       |   | 3.1E+05                         | 4.6E+05                      | 1.8E+09                          | 1.8E+05                               |         |
| 4.8E-02                                    | H  |   |                               | 4.0E-01                                  | H                                      | 2.0E-01                                  | I                   |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Ethoxyethanol, 2-                    | 110-80-5              |                                       |                                   |                                       |   | 4.1E+05                         | 6.2E+05                      | 1.2E+09                          | 2.5E+05                               |         |
|  |  |   |                               | 9.0E-01                                  | I                                      |  |                     |              |       | 1   | 1.1E+04                     | 1.4E+09                     | 9.3E+03                    | Ethyl Acetate                        | 141-78-6              | 6.0E+01                               |                                   |                                       | 6.0E+01                                 | 9.2E+05                         |                              |                                  | 9.2E+05                               |         |
|  |  |   |                               |  |  |  |                     |              |       | 1   | 2.5E+03                     | 1.4E+09                     | 6.8E+03                    | Ethyl Acrylate                       | 140-88-5              |                                       |                                   |                                       |   |                                 |                              |                                  |                                       |         |
|  |  |   |                               | 1.0E+01                                  | I                                      | V  |                     |              |       | 1   | 2.1E+03                     | 1.4E+09                     | 1.4E+03                    | Ethyl Chloride                       | 75-00-3               |                                       |                                   |                                       |   |                                 |                              | 6.1E+04                          | 6.1E+04                               |         |
|  |  |   |                               | 2.0E-01                                  | I                                      |  |                     |              |       | 1   | 1.0E+04                     | 1.4E+09                     | 3.4E+03                    | Ethyl Ether                          | 60-29-7               |                                       |                                   |                                       |   | 2.0E+05                         |                              |                                  | 2.0E+05                               |         |
|  |  |   |                               | 9.0E-02                                  | H                                      |  |                     |              |       | 1   | 1.1E+03                     | 1.4E+09                     | 6.2E+03                    | Ethyl Methacrylate                   | 97-63-2               |                                       |                                   |                                       |   | 9.2E+04                         |                              |                                  | 9.2E+04                               |         |
| 1.1E-02                                    | C  | 2.5E-06                                   | C                             | 1.0E-05                                  | I                                      |  |                     |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Ethyl-p-nitrophenyl Phosphonate      | 2104-64-5             |                                       |                                   |                                       |   | 1.0E+01                         | 1.5E+01                      |                                  | 6.2E+00                               |         |
|  |  |   |                               | 1.0E-01                                  | I                                      | 1.0E+00                                  | I                   | V            |       | 1   | 4.8E+02                     | 1.4E+09                     | 6.1E+03                    | Ethylbenzene                         | 100-41-4              | 2.6E+02                               |                                   | 3.0E+01                               | 2.7E+01                                 | 1.0E+05                         |                              | 2.7E+04                          | 2.1E+04                               |         |
|  |  | </  |                               |  |  |  |                     |              |       |     |                             |                             |                            |                                      |                       |                                       |                                   |                                       |   |                                 |                              |                                  |                                       |         |

Regional Screening Level (RSL) Industrial Soil Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |   |             |                                 |             |  |             |              |       |     |                             |                             | Contaminant                |   | Carcinogenic Target Risk (TR) = 1E-06 |                                      |                                   |                                       | Noncancer Hazard Index (HI) = 1         |                                 |                              |                                  |                                       |         |
|--|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------|-------|-----|-----------------------------|-----------------------------|----------------------------|---|---------------------------------------|--------------------------------------|-----------------------------------|---------------------------------------|---|---------------------------------|------------------------------|----------------------------------|---------------------------------------|---------|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>o</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | muta-<br>gen | GIABS | ABS | C <sub>sat</sub><br>(mg/kg) | PEF<br>(m <sup>3</sup> /kg) | VF<br>(m <sup>3</sup> /kg) | Analyte   | CAS No.                               | Ingestion SL<br>TR=1.0E-6<br>(mg/kg) | Dermal SL<br>TR=1.0E-6<br>(mg/kg) | Inhalation SL<br>TR=1.0E-6<br>(mg/kg) | Carcinogenic SL<br>TR=1.0E-6<br>(mg/kg) | Ingestion SL<br>HQ=1<br>(mg/kg) | Dermal SL<br>HQ=1<br>(mg/kg) | Inhalation SL<br>HQ=1<br>(mg/kg) | Noncarcinogenic SL<br>HI=1<br>(mg/kg) |         |
| 9.0E-02                                    | P           |   |             | 2.0E+00                         | I           | 4.0E-01                                  | C           |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Ethylene Diamine                                  | 107-15-3                              |                                      |                                   |                                       |   | 9.2E+04                         | 1.4E+05                      |                                  | 5.5E+04                               |         |
| 2.0E+00                                    |             |   |             | 1.0E-01                         | I           | 1.6E+00                                  | I           |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Ethylene Glycol                                   | 107-21-1                              |                                      |                                   |                                       |   | 2.0E+06                         | 3.1E+06                      | 2.4E+09                          | 1.2E+06                               |         |
| 1.0E-01                                    |             |   |             |                                 |             |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Ethylene Glycol Monobutyl Ether                   | 111-76-2                              |                                      |                                   |                                       |   | 1.0E+05                         | 1.5E+05                      | 9.5E+09                          | 6.2E+04                               |         |
| 3.1E-01                                    | C           | 8.8E-05                                   | C           |                                 |             | 3.0E-02                                  | C V         |              |       | 1   |                             | 1.2E+05                     | 1.4E+09                    | 6.6E+03   | Ethylene Oxide                        | 75-21-8                              | 9.2E+00                           | 9.1E-01                               | 8.3E-01                                 |                                 |                              | 8.6E+02                          | 8.6E+02                               |         |
| 4.5E-02                                    | C           | 1.3E-05                                   | C           | 8.0E-05                         | I           |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Ethylene Thiourea                                 | 96-45-7                               | 6.4E+01                              | 9.6E+01                           | 1.3E+06                               | 3.8E+01                                 | 8.2E+01                         | 1.2E+02                      |                                  | 4.9E+01                               |         |
| 6.5E+01                                    | C           | 1.9E-02                                   | C           |                                 |             |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Ethyleneimine                                     | 151-56-4                              | 4.4E-02                              | 6.7E-02                           | 8.8E+02                               | 2.7E-02                                 |                                 |                              |                                  |                                       |         |
| 3.0E+00                                    | I           |   |             | 8.0E-03                         | I           |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Ethylphthalyl Ethyl Glycolate                     | 84-72-0                               |                                      |                                   |                                       |   | 3.1E+06                         | 4.6E+06                      |                                  | 1.8E+06                               |         |
| 2.5E-04                                    | I           |   |             | 2.5E-04                         | I           |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Express   | 101200-48-0                           |                                      |                                   |                                       |   | 8.2E+03                         | 1.2E+04                      |                                  | 4.9E+03                               |         |
| 2.5E-02                                    | I           |   |             | 8.0E-03                         | I           |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Fenamiphos  | 22224-92-6                            |                                      |                                   |                                       |   | 2.6E+02                         | 3.9E+02                      |                                  | 1.5E+02                               |         |
| 1.3E-02                                    | I           |   |             | 4.0E-02                         | C           | 1.3E-02                                  | C           |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Fenpropathrin                                     | 39515-41-8                            |                                      |                                   |                                       |   | 2.6E+04                         | 3.9E+04                      |                                  | 1.5E+04                               |         |
| 4.0E-02                                    | C           | 1.3E-02                                   | C           |                                 |             |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Fluometuron                                       | 2164-17-2                             |                                      |                                   |                                       |   | 1.3E+04                         | 2.0E+04                      |                                  | 8.0E+03                               |         |
| 6.0E-02                                    | I           | 1.3E-02                                   | C           |                                 |             |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Fluoride  | 16984-48-8                            |                                      |                                   |                                       |   | 4.1E+04                         |                              | 7.7E+07                          | 4.1E+04                               |         |
| 8.0E-02                                    | I           |   |             | 2.0E-02                         | I           |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Fluorine (Soluble Fluoride)                       | 7782-41-4                             |                                      |                                   |                                       |   | 6.1E+04                         |                              | 7.7E+07                          | 6.1E+04                               |         |
| 2.0E-02                                    | I           |   |             |                                 |             |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Fluridone   | 59756-60-4                            |                                      |                                   |                                       |   | 8.2E+04                         | 1.2E+05                      |                                  | 4.9E+04                               |         |
| 2.0E-02                                    | I           |   |             |                                 |             |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Flurprimidol                                      | 56425-91-3                            |                                      |                                   |                                       |   | 2.0E+04                         | 3.1E+04                      |                                  | 1.2E+04                               |         |
| 6.0E-02                                    | I           |   |             | 1.0E-02                         | I           |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Flutolanil  | 66332-96-5                            |                                      |                                   |                                       |   | 6.1E+04                         | 9.3E+04                      |                                  | 3.7E+04                               |         |
| 1.0E-02                                    | I           |   |             | 3.5E-03                         | I           |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Fluvalinate                                       | 69409-94-5                            |                                      |                                   |                                       |   | 1.0E+04                         | 1.5E+04                      |                                  | 6.2E+03                               |         |
| 1.0E-01                                    | I           |   |             |                                 |             |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Folpet  | 133-07-3                              | 8.2E+02                              | 1.2E+03                           |                                       | 4.9E+02                                 | 1.0E+05                         | 1.5E+05                      |                                  | 6.2E+04                               |         |
| 1.9E-01                                    | I           |   |             | 2.0E-03                         | I           |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Fomesafen   | 72178-02-0                            | 1.5E+01                              | 2.3E+01                           |                                       | 9.1E+00                                 |                                 |                              |                                  |                                       |         |
| 1.3E-05                                    | I           | 2.0E-01                                   | I           | 2.0E-01                         | H           | 9.8E-03                                  | A           |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Fonofos   | 944-22-9                              |                                      |                                   |                                       |   | 2.0E+03                         | 3.1E+03                      |                                  | 1.2E+03                               |         |
| 2.0E+00                                    | H           | 3.0E-03                                   | P           |                                 |             |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Formaldehyde                                      | 50-00-0                               |                                      |                                   | 1.3E+06                               | 1.3E+06                                 | 2.0E+05                         | 3.1E+05                      | 5.8E+07                          | 1.2E+05                               |         |
| 3.0E+00                                    | I           |   |             |                                 |             |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Formic Acid                                       | 64-18-6                               |                                      |                                   |                                       |   | 2.0E+06                         | 3.1E+06                      | 1.8E+07                          | 1.2E+06                               |         |
|  |             |   |             |                                 |             |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Fosetyl-AL  | 39148-24-8                            |                                      |                                   |                                       |   | 3.1E+06                         | 4.6E+06                      |                                  | 1.8E+06                               |         |
|  |             |   |             | 1.0E-03                         | X           |  | V           |              |       | 1   |                             | 1.7E+02                     | 1.4E+09                    | 2.1E+05   | Furans                                |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |
| 3.8E+00                                    | H           |   |             | 1.0E-03                         | I           |  | V           |              |       | 1   |                             | 6.2E+03                     | 1.4E+09                    | 2.8E+03   | ~Dibenzofuran                         | 132-64-9                             |                                   |                                       |   |                                 | 1.0E+03                      |                                  | 1.0E+03                               |         |
|  |             |   |             |                                 |             |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | ~Furan  | 110-00-9                              |                                      |                                   |                                       |   | 1.0E+03                         |                              |                                  | 1.0E+03                               |         |
|  |             |   |             | 3.0E-03                         | I           | 5.0E-02                                  | H           |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Furazolidone                                      | 67-45-8                               | 7.5E-01                              | 1.1E+00                           |                                       | 4.5E-01                                 |                                 |                              |                                  |                                       |         |
| 1.5E+00                                    | C           | 4.3E-04                                   | C           |                                 |             |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Furfural  | 98-01-1                               |                                      |                                   |                                       |   | 3.1E+03                         | 4.6E+03                      | 3.0E+08                          | 1.8E+03                               |         |
| 3.0E-02                                    | I           | 8.6E-06                                   | C           |                                 |             |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Furium  | 531-82-8                              | 1.9E+00                              | 2.9E+00                           | 3.9E+04                               | 1.1E+00                                 |                                 |                              |                                  |                                       |         |
|  |             |   |             |                                 |             |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Furmecyclohex                                     | 60568-05-0                            | 9.5E+01                              | 1.4E+02                           | 1.9E+06                               | 5.7E+01                                 |                                 |                              |                                  |                                       |         |
| 4.0E-04                                    | I           |   |             | 8.0E-05                         | C           |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Glufosinate, Ammonium                             | 77182-82-2                            |                                      |                                   |                                       |   | 4.1E+02                         | 6.2E+02                      |                                  | 2.5E+02                               |         |
| 4.0E-04                                    | I           |   |             | 1.0E-03                         | H           |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Glutaraldehyde                                    | 111-30-8                              |                                      |                                   |                                       |   |                                 |                              | 4.8E+05                          | 4.8E+05                               |         |
| 1.0E-01                                    | I           |   |             | 1.0E-03                         | I           |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Glycidyl  | 765-34-4                              |                                      |                                   |                                       |   | 4.1E+02                         | 6.2E+02                      | 6.0E+06                          | 2.5E+02                               |         |
| 3.0E-03                                    | A           | 1.0E-02                                   | A           |                                 |             |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Glyphosate  | 1071-83-6                             |                                      |                                   |                                       |   | 1.0E+05                         | 1.5E+05                      |                                  | 6.2E+04                               |         |
| 3.0E-03                                    | A           | 1.0E-02                                   | A           |                                 |             |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Goal  | 42874-03-3                            |                                      |                                   |                                       |   | 3.1E+03                         | 4.6E+03                      |                                  | 1.8E+03                               |         |
| 3.0E-03                                    | A           | 1.0E-02                                   | A           |                                 |             |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Guthion   | 86-50-0                               |                                      |                                   |                                       |   | 3.1E+03                         | 4.6E+03                      | 6.0E+07                          | 1.8E+03                               |         |
| 5.0E-05                                    | I           |   |             | 1.3E-02                         | I           |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Haloxypop, Methyl                                 | 69806-40-2                            |                                      |                                   |                                       |   | 5.1E+01                         | 7.7E+01                      |                                  | 3.1E+01                               |         |
| 1.3E-02                                    | I           |   |             | 4.5E+00                         | I           | 1.3E-03                                  | I           |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Harmony   | 79277-27-3                            |                                      |                                   |                                       |   | 1.3E+04                         | 2.0E+04                      |                                  | 8.0E+03                               |         |
| 5.0E-04                                    | I           |   |             |                                 |             |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Heptachlor  | 76-44-8                               | 6.4E-01                              | 9.6E-01                           | 1.3E+04                               | 3.8E-01                                 | 5.1E+02                         | 7.7E+02                      |                                  | 3.1E+02                               |         |
| 9.1E+00                                    | I           | 2.6E-03                                   | I           | 1.3E-05                         | I           |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Hepatachlor Epoxide                               | 1024-57-3                             | 3.1E-01                              | 4.8E-01                           | 6.4E+03                               | 1.9E-01                                 | 1.3E+01                         | 2.0E+01                      |                                  | 8.0E+00                               |         |
| 2.0E-03                                    | I           |   |             | 2.0E-04                         | I           |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Hexabromobenzene                                  | 87-82-1                               |                                      |                                   |                                       |   | 2.0E+03                         | 3.1E+03                      |                                  | 1.2E+03                               |         |
| 2.0E-04                                    | I           |   |             |                                 |             |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153) | 68631-49-2                            |                                      |                                   |                                       |   | 2.0E+02                         | 3.1E+02                      |                                  | 1.2E+02                               |         |
| 1.6E+00                                    | I           | 4.6E-04                                   | I           | 8.0E-04                         | I           |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Hexachlorobenzene                                 | 118-74-1                              | 1.8E+00                              | 2.7E+00                           | 3.6E+04                               | 1.1E+00                                 | 8.2E+02                         | 1.2E+03                      |                                  | 4.9E+02                               |         |
| 7.8E-02                                    | I           | 2.2E-05                                   | I           | 1.0E-03                         | P           |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Hexachlorobutadiene                               | 87-68-3                               | 3.7E+01                              | 5.6E+01                           | 7.6E+05                               | 2.2E+01                                 | 1.0E+03                         | 1.5E+03                      |                                  | 6.2E+02                               |         |
| 6.3E+00                                    | I           | 1.8E-03                                   | I           | 8.0E-03                         | A           |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Hexachlorocyclohexane, Alpha-                     | 319-84-6                              | 4.5E-01                              | 6.9E-01                           | 9.3E+03                               | 2.7E-01                                 | 8.2E+03                         | 1.2E+04                      |                                  | 4.9E+03                               |         |
| 1.8E+00                                    | I           | 5.3E-04                                   | I           |                                 |             |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Hexachlorocyclohexane, Beta-                      | 319-85-7                              | 1.6E+00                              | 2.4E+00                           | 3.1E+04                               | 9.6E-01                                 |                                 |                              |                                  |                                       |         |
| 1.1E+00                                    | C           | 3.1E-04                                   | C           | 3.0E-04                         | I           |  |             |              |       | 1   | 0.04                        | 1.4E+09                     |                            | Hexachlorocyclohexane, Gamma- (Lindane)           | 58-89-9                               | 2.6E+00                              | 9.9E+00                           | 5.4E+04                               | 2.1E+00                                 | 3.1E+02                         | 1.2E+03                      |                                  | 2.4E+02                               |         |
| 1.8E+00                                    | I           | 5.1E-04                                   | I           |                                 |             |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Hexachlorocyclohexane, Technical                  | 608-73-1                              | 1.6E+00                              | 2.4E+00                           | 3.3E+04                               | 9.6E-01                                 |                                 |                              |                                  |                                       |         |
| 6.0E-03                                    | I           | 2.0E-04                                   | I           |                                 |             |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Hexachlorocyclopentadiene                         | 77-47-4                               |                                      |                                   |                                       |   | 6.1E+03                         | 9.3E+03                      | 1.2E+06                          | 3.7E+03                               |         |
| 1.4E-02                                    | I           | 4.0E-06                                   | I           | 1.0E-03                         | I           |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Hexachloroethane                                  | 67-72-1                               | 2.0E+02                              | 3.1E+02                           | 4.2E+06                               | 1.2E+02                                 | 1.0E+03                         | 1.5E+03                      |                                  | 6.2E+02                               |         |
| 3.0E-04                                    | I           |   |             |                                 |             |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Hexachlorophene                                   | 70-30-4                               |                                      |                                   |                                       |   | 3.1E+02                         | 4.6E+02                      |                                  | 1.8E+02                               |         |
| 1.1E-01                                    | I           |   |             | 3.0E-03                         | I           |  |             |              |       | 1   | 0.015                       | 1.4E+09                     |                            | Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)     | 121-82-4                              | 2.6E+01                              | 2.6E+02                           |                                       | 2.4E+01                                 | 3.1E+03                         | 3.1E+04                      |                                  | 2.8E+03                               |         |
|  |             |   |             | 1.0E-05                         | I V         |  |             |              |       | 1   |                             | 5.2E+03                     | 1.4E+09                    | 3.2E+05   | Hexamethylene Diisocyanate, 1,6-      | 822-06-0                             |                                   |                                       |   |                                 |                              |                                  | 1.4E+01                               |         |
|  |             |   |             | 7.0E-01                         | I V         |  |             |              |       | 1   |                             | 1.4E+02                     | 1.4E+09                    | 8.9E+02   | Hexane, N-                            | 110-54-3                             |                                   |                                       |   |                                 | 6.1E+04                      |                                  | 2.7E+03                               | 2.6E+03 |
| 2.0E+00                                    | P           |   |             |                                 |             |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Hexanedioic Acid                                  | 124-04-9                              |                                      |                                   |                                       |   | 2.0E+06                         | 3.1E+06                      |                                  | 1.2E+06                               |         |
| 5.0E-03                                    | I           | 3.0E-02                                   | I V         |                                 |             |  |             |              |       | 1   |                             | 3.3E+03                     | 1.4E+09                    | 1.4E+04   | Hexanone, 2-                          | 591-78-6                             |                                   |                                       |   |                                 | 5.1E+03                      | 1.9E+03                          | 1.4E+03                               |         |
| 3.3E-02                                    | I           |   |             |                                 |             |  |             |              |       | 1   | 0.1                         | 1.4E+09                     |                            | Hexazinone  | 51235-04-2                            |                                      |                                   |                                       |   | 3.4E+04                         | 5.1E+04                      |                                  | 2.0E+04                               |         |
| 3.0E+00                                    | I           | 4.9E-03                                   | I           |                                 |             | 3.0E-05                                  | P           |              |       | 1   |                             | 1.4E+09                     |                            | Hydrazine   | 302-01-2                              | 9.5E-01                              |                                   | 3.4E+03                               | 9.5E-01                                 |                                 |                              | 1.8E+05                          | 1.8E+05                               |         |
| 3.0E+00                                    | I           | 4.9E-03                                   | I           |                                 |             |  |             |              |       | 1   |                             | 1.4E+09                     |                            | Hydrazine Sulfate                                 | 10034-93-2                            | 9.5E-01                              |                                   | 3.4E+03                               | 9.5E-01                                 |                                 |                              |                                  |                                       |         |
|  |             |   |             | 2.0E-02                         | I           |  |             |              |       | 1   |                             | 1.4E+09                     |                            | Hydrogen Chloride                                 | 7647-01-0                             |                                      |                                   |                                       |   |                                 |                              | 1.2E+08                          | 1.2E+08                               |         |

Regional Screening Level (RSL) Industrial Soil Table November 2010

| Toxicity and Chemical-specific Information |             |         |             |                  |             |                  |             |              |       |     |                  |         | Contaminant              |   | Carcinogenic Target Risk (TR) = 1E-06 |                                      |                                   |                                       | Noncancer Hazard Index (HI) = 1         |                                 |                              |                                  |                                       |  |  |
|--|-------------|---------|-------------|------------------|-------------|------------------|-------------|--------------|-------|-----|------------------|---------|--------------------------|---|---------------------------------------|--------------------------------------|-----------------------------------|---------------------------------------|---|---------------------------------|------------------------------|----------------------------------|---------------------------------------|--|--|
| SFO  | k<br>e<br>y | IUR     | k<br>e<br>y | RfD <sub>0</sub> | k<br>e<br>y | RfC <sub>0</sub> | k<br>e<br>y | muta-<br>gen | GIABS | ABS | C <sub>cat</sub> | PEF     | VF                       | Analyte                                       | CAS No.                               | Ingestion SL<br>TR=1.0E-6<br>(mg/kg) | Dermal SL<br>TR=1.0E-6<br>(mg/kg) | Inhalation SL<br>TR=1.0E-6<br>(mg/kg) | Carcinogenic SL<br>TR=1.0E-6<br>(mg/kg) | Ingestion SL<br>HQ=1<br>(mg/kg) | Dermal SL<br>HQ=1<br>(mg/kg) | Inhalation SL<br>HQ=1<br>(mg/kg) | Noncarcinogenic SL<br>HI=1<br>(mg/kg) |  |  |
| 6.0E-02                                    | P           |         |             | 4.0E-02          | C           | 1.4E-02          | C           |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Hydrogen Fluoride                             | 7664-39-3                             |                                      |                                   |                                       |   | 4.1E+04                         |                              | 8.3E+07                          | 4.1E+04                               |  |  |
|  |             |         |             | 4.0E-02          | P           | 2.0E-03          | I           |              | 1     |     | 1.4E+09          | 1.4E+09 |                          | Hydrogen Sulfide                              | 7783-06-4                             |                                      |                                   |                                       |   |                                 |                              | 1.2E+07                          | 1.2E+07                               |  |  |
|  |             |         |             |                  |             |                  |             |              |       | 0.1 | 1.4E+09          | 1.4E+09 |                          | Hydroquinone                                  | 123-31-9                              | 4.8E+01                              | 7.2E+01                           |                                       | 2.9E+01                                 | 4.1E+04                         | 6.2E+04                      |                                  | 2.5E+04                               |  |  |
|  |             |         |             | 1.3E-02          | I           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Imazalil                                      | 35554-44-0                            |                                      |                                   |                                       |   | 1.3E+04                         | 2.0E+04                      |                                  | 8.0E+03                               |  |  |
|  |             |         |             | 2.5E-01          | I           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Imazaquin                                     | 81335-37-7                            |                                      |                                   |                                       |   | 2.6E+05                         | 3.9E+05                      |                                  | 1.5E+05                               |  |  |
|  |             |         |             | 1.0E-02          | A           |                  |             |              | 1     |     | 1.4E+09          | 1.4E+09 |                          | Iodine  | 7553-56-2                             |                                      |                                   |                                       |   | 1.0E+04                         |                              |                                  | 1.0E+04                               |  |  |
|  |             |         |             | 4.0E-02          | I           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Iprodione                                     | 36734-19-7                            |                                      |                                   |                                       |   | 4.1E+04                         | 6.2E+04                      |                                  | 2.5E+04                               |  |  |
|  |             |         |             | 7.0E-01          | P           |                  |             |              | 1     |     | 1.4E+09          | 1.4E+09 |                          | Iron  | 7439-89-6                             |                                      |                                   |                                       |   | 7.2E+05                         |                              |                                  | 7.2E+05                               |  |  |
|  |             |         |             | 3.0E-01          | I           |                  |             | V            | 1     |     | 1.4E+09          | 1.4E+09 | 3.0E+04                  | Isobutyl Alcohol                              | 78-83-1                               |                                      |                                   |                                       |   | 3.1E+05                         |                              |                                  | 3.1E+05                               |  |  |
| 9.5E-04                                    | I           |         |             | 2.0E-01          | I           | 2.0E+00          | C           |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Isophorone                                    | 78-59-1                               | 3.0E+03                              | 4.6E+03                           |                                       | 1.8E+03                                 | 2.0E+05                         | 3.1E+05                      | 1.2E+10                          | 1.2E+05                               |  |  |
|  |             |         |             | 1.5E-02          | I           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Isopropalin                                   | 33820-53-0                            |                                      |                                   |                                       |   | 1.5E+04                         | 2.3E+04                      |                                  | 9.2E+03                               |  |  |
|  |             |         |             |                  |             | 7.0E+00          | C           |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Isopropanol                                   | 67-63-0                               |                                      |                                   |                                       |   |                                 |                              | 4.2E+10                          | 4.2E+10                               |  |  |
|  |             |         |             | 1.0E-01          | I           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Isopropyl Methyl Phosphonic Acid              | 1832-54-8                             |                                      |                                   |                                       |   | 1.0E+05                         | 1.5E+05                      |                                  | 6.2E+04                               |  |  |
|  |             |         |             | 5.0E-02          | I           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Isoxaben                                      | 82558-50-7                            |                                      |                                   |                                       |   | 5.1E+04                         | 7.7E+04                      |                                  | 3.1E+04                               |  |  |
|  |             |         |             |                  |             | 3.0E-01          | A           | V            | 1     |     | 1.4E+09          | 1.4E+09 |                          | JP-7  | NA                                    |                                      |                                   |                                       |   |                                 |                              | 1.8E+09                          | 1.8E+09                               |  |  |
|  |             |         |             | 7.5E-02          | I           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Kerb  | 23950-58-5                            |                                      |                                   |                                       |   | 7.7E+04                         | 1.2E+05                      |                                  | 4.6E+04                               |  |  |
|  |             |         |             | 2.0E-03          | I           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Lactofen                                      | 77501-63-4                            |                                      |                                   |                                       |   | 2.0E+03                         | 3.1E+03                      |                                  | 1.2E+03                               |  |  |
|  |             |         |             |                  |             |                  |             |              |       |     |                  |         | <b>Lead Compounds</b>    |   |                                       |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |  |  |
| 2.8E-01                                    | C           | 8.0E-05 | C           |                  |             |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | ~Lead acetate                                 | 301-04-2                              | 1.0E+01                              | 1.5E+01                           | 2.1E+05                               | 6.2E+00                                 |                                 |                              |                                  | 8.0E+02                               |  |  |
|  |             |         |             |                  |             |                  |             |              | 1     |     | 1.4E+09          | 1.4E+09 |                          | ~Lead and Compounds                           | 7439-92-1                             |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |  |  |
| 3.8E-02                                    | C           | 1.1E-05 | C           |                  |             |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | ~Lead subacetate                              | 1335-32-6                             | 7.5E+01                              | 1.1E+02                           | 1.5E+06                               | 4.5E+01                                 |                                 |                              |                                  |                                       |  |  |
|  |             |         |             | 1.0E-07          | I           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | ~Tetraethyl Lead                              | 78-00-2                               |                                      |                                   |                                       |   | 1.0E-01                         | 1.5E-01                      |                                  | 6.2E-02                               |  |  |
|  |             |         |             | 2.0E-03          | I           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Linuron                                       | 330-55-2                              |                                      |                                   |                                       |   | 2.0E+03                         | 3.1E+03                      |                                  | 1.2E+03                               |  |  |
|  |             |         |             | 2.0E-03          | P           |                  |             |              | 1     |     | 1.4E+09          | 1.4E+09 |                          | Lithium                                       | 7439-93-2                             |                                      |                                   |                                       |   | 2.0E+03                         |                              |                                  | 2.0E+03                               |  |  |
|  |             |         |             | 7.0E-04          | I           |                  |             |              | 1     |     | 1.4E+09          | 1.4E+09 |                          | Lithium Perchlorate                           | 7791-03-9                             |                                      |                                   |                                       |   | 7.2E+02                         |                              |                                  | 7.2E+02                               |  |  |
|  |             |         |             | 2.0E-01          | I           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Londax  | 83055-99-6                            |                                      |                                   |                                       |   | 2.0E+05                         | 3.1E+05                      |                                  | 1.2E+05                               |  |  |
|  |             |         |             | 5.0E-04          | I           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | MCPA  | 94-74-6                               |                                      |                                   |                                       |   | 5.1E+02                         | 7.7E+02                      |                                  | 3.1E+02                               |  |  |
|  |             |         |             | 1.0E-02          | I           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | MCPB  | 94-81-5                               |                                      |                                   |                                       |   | 1.0E+04                         | 1.5E+04                      |                                  | 6.2E+03                               |  |  |
|  |             |         |             | 1.0E-03          | I           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | MCPB  | 93-65-2                               |                                      |                                   |                                       |   | 1.0E+03                         | 1.5E+03                      |                                  | 6.2E+02                               |  |  |
|  |             |         |             | 2.0E-02          | I           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Malathion                                     | 121-75-5                              |                                      |                                   |                                       |   | 2.0E+04                         | 3.1E+04                      |                                  | 1.2E+04                               |  |  |
|  |             |         |             | 1.0E-01          | I           | 7.0E-04          | C           |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Maleic Anhydride                              | 108-31-6                              |                                      |                                   |                                       |   | 1.0E+05                         | 1.5E+05                      | 4.2E+06                          | 6.1E+04                               |  |  |
|  |             |         |             | 5.0E-01          | I           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Maleic Hydrizide                              | 123-33-1                              |                                      |                                   |                                       |   | 5.1E+05                         | 7.7E+05                      |                                  | 3.1E+05                               |  |  |
|  |             |         |             | 1.0E-04          | P           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Malononitrile                                 | 109-77-3                              |                                      |                                   |                                       |   | 1.0E+02                         | 1.5E+02                      |                                  | 6.2E+01                               |  |  |
|  |             |         |             | 3.0E-02          | H           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Mancozeb                                      | 8018-01-7                             |                                      |                                   |                                       |   | 3.1E+04                         | 4.6E+04                      |                                  | 1.8E+04                               |  |  |
|  |             |         |             | 5.0E-03          | I           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Maneb   | 12427-38-2                            |                                      |                                   |                                       |   | 5.1E+03                         | 7.7E+03                      |                                  | 3.1E+03                               |  |  |
|  |             |         |             | 1.4E-01          | I           | 5.0E-05          | I           |              | 1     |     | 1.4E+09          | 1.4E+09 |                          | Manganese (Diet)                              | 7439-96-5                             |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |  |  |
|  |             |         |             | 2.4E-02          | S           | 5.0E-05          | I           |              | 0.04  |     | 1.4E+09          | 1.4E+09 |                          | Manganese (Non-diet)                          | 7439-96-5                             |                                      |                                   |                                       |   | 2.5E+04                         |                              | 3.0E+05                          | 2.3E+04                               |  |  |
|  |             |         |             | 9.0E-05          | H           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Mephosfolan                                   | 950-10-7                              |                                      |                                   |                                       |   | 9.2E+01                         | 1.4E+02                      |                                  | 5.5E+01                               |  |  |
|  |             |         |             | 3.0E-02          | I           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Mepiquat Chloride                             | 24307-26-4                            |                                      |                                   |                                       |   | 3.1E+04                         | 4.6E+04                      |                                  | 1.8E+04                               |  |  |
|  |             |         |             |                  |             |                  |             |              |       |     |                  |         | <b>Mercury Compounds</b> |   |                                       |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |  |  |
|  |             |         |             | 3.0E-04          | I           | 3.0E-05          | C           |              | 0.07  |     | 1.4E+09          | 1.4E+09 |                          | ~Mercuric Chloride (and other Mercury salts)  | 7487-94-7                             |                                      |                                   |                                       |   | 3.1E+02                         |                              | 1.8E+05                          | 3.1E+02                               |  |  |
|  |             |         |             | 1.6E-04          | C           | 3.0E-04          | I           | V            | 1     |     | 3.1E+00          | 1.4E+09 | 3.2E+04                  | ~Mercury (elemental)                          | 7439-97-6                             |                                      |                                   |                                       |   | 1.6E+02                         |                              | 4.3E+01                          | 3.4E+01                               |  |  |
|  |             |         |             | 1.0E-04          | I           |                  |             |              | 1     |     | 1.4E+09          | 1.4E+09 |                          | ~Methyl Mercury                               | 22967-92-6                            |                                      |                                   |                                       |   | 1.0E+02                         |                              |                                  | 1.0E+02                               |  |  |
|  |             |         |             | 8.0E-05          | I           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | ~Phenylmercuric Acetate                       | 62-38-4                               |                                      |                                   |                                       |   | 8.2E+01                         | 1.2E+02                      |                                  | 4.9E+01                               |  |  |
|  |             |         |             | 3.0E-05          | I           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Merphos                                       | 150-50-5                              |                                      |                                   |                                       |   | 3.1E+01                         | 4.6E+01                      |                                  | 1.8E+01                               |  |  |
|  |             |         |             | 3.0E-05          | I           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Merphos Oxide                                 | 78-48-8                               |                                      |                                   |                                       |   | 3.1E+01                         | 4.6E+01                      |                                  | 1.8E+01                               |  |  |
|  |             |         |             | 6.0E-02          | I           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Metalaxyl                                     | 57837-19-1                            |                                      |                                   |                                       |   | 6.1E+04                         | 9.3E+04                      |                                  | 3.7E+04                               |  |  |
|  |             |         |             | 1.0E-04          | I           | 7.0E-04          | H           | V            | 1     |     | 4.6E+03          | 1.4E+09 | 7.3E+03                  | Methacrylonitrile                             | 126-98-7                              |                                      |                                   |                                       |   | 1.0E+02                         |                              | 2.2E+01                          | 1.8E+01                               |  |  |
|  |             |         |             | 5.0E-05          | I           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Methamidophos                                 | 10265-92-6                            |                                      |                                   |                                       |   | 5.1E+01                         | 7.7E+01                      |                                  | 3.1E+01                               |  |  |
|  |             |         |             | 5.0E-01          | I           | 4.0E+00          | C           |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Methanol                                      | 67-56-1                               |                                      |                                   |                                       |   | 5.1E+05                         | 7.7E+05                      | 2.4E+10                          | 3.1E+05                               |  |  |
|  |             |         |             | 1.0E-03          | I           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Methodathion                                  | 950-37-8                              |                                      |                                   |                                       |   | 1.0E+03                         | 1.5E+03                      |                                  | 6.2E+02                               |  |  |
| 4.9E-02                                    | C           | 1.4E-05 | C           | 2.5E-02          | I           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Methomyl                                      | 16752-77-5                            | 5.8E+01                              | 8.8E+01                           | 1.2E+06                               | 3.5E+01                                 | 2.6E+04                         | 3.9E+04                      |                                  | 1.5E+04                               |  |  |
|  |             |         |             | 5.0E-03          | I           |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Methoxy-5-nitroaniline, 2-                    | 99-59-2                               |                                      |                                   |                                       |   | 5.1E+03                         | 7.7E+03                      |                                  | 3.1E+03                               |  |  |
|  |             |         |             |                  |             |                  |             |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Methoxychlor                                  | 72-43-5                               |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |  |  |
|  |             |         |             | 2.0E-03          | H           | 9.0E-02          | C           |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Methoxyethanol Acetate, 2-                    | 110-49-6                              |                                      |                                   |                                       |   | 2.0E+03                         | 3.1E+03                      | 5.4E+08                          | 1.2E+03                               |  |  |
|  |             |         |             | 3.0E-03          | P           | 2.0E-02          | I           |              | 1     | 0.1 | 1.4E+09          | 1.4E+09 |                          | Methoxyethanol, 2-                            | 109-86-4                              |                                      |                                   |                                       |   | 3.1E+03                         | 4.6E+03                      | 1.2E+08                          | 1.8E+03                               |  |  |
|  |             |         |             | 1.0E+00          | H           |                  |             | V            | 1     |     | 2.9E+04          | 1.4E+09 | 8.7E+03                  | Methyl Acetate                                | 79-20-9                               |                                      |                                   |                                       |   | 1.0E+06                         |                              |                                  | 1.0E+06                               |  |  |
|  |             |         |             | 3.0E-02          | H           |                  |             | V            | 1     |     | 6.8E+03          | 1.4E+09 | 7.5E+03                  | Methyl Acrylate                               | 96-33-3                               |                                      |                                   |                                       |   | 3.1E+04                         |                              |                                  | 3.1E+04                               |  |  |
|  |             |         |             | 6.0E-01          | I           | 5.0E+00          | I           | V            | 1     |     | 2.8E+04          | 1.4E+09 | 1.3E+04                  | Methyl Ethyl Ketone (2-Butanone)              | 78-93-3                               |                                      |                                   |                                       |   | 6.1E+05                         |                              | 2.9E+05                          | 2.0E+05                               |  |  |
|  |             |         |             | 8.0E-02          | H           | 3.0E+00          | I           | V            | 1     |     | 3.4E+03          | 1.4E+09 | 1.1E+04                  | Methyl Isobutyl Ketone (4-methyl-2-pentanone) | 108-10-1                              |                                      |                                   |                                       |   | 8.2E+04                         |                              | 1.5E+05                          | 5.3E+04                               |  |  |

Regional Screening Level (RSL) Industrial Soil Table November 2010

| Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1 |   |                                    |   |                  |   |                      |   |         |       |         |     |                  |                      |                      |  |            |                                       |           |               |                 |                                 |           |               |                    |
|---|---|------------------------------------|---|------------------|---|----------------------|---|---------|-------|---------|-----|------------------|----------------------|----------------------|--|------------|---------------------------------------|-----------|---------------|-----------------|---------------------------------|-----------|---------------|--------------------|
| Toxicity and Chemical-specific Information  |   |                                    |   |                  |   |                      |   |         |       |         |     |                  |                      |                      | Contaminant                                |            | Carcinogenic Target Risk (TR) = 1E-06 |           |               |                 | Noncancer Hazard Index (HI) = 1 |           |               |                    |
| SFO   | k | IUR                                | k | RfD <sub>0</sub> | k | RfC <sub>0</sub>     | k | v       | muta- | GIABS   | ABS | C <sub>sat</sub> | PEF                  | VF                   | Analyte                                    | CAS No.    | Ingestion SL                          | Dermal SL | Inhalation SL | Carcinogenic SL | Ingestion SL                    | Dermal SL | Inhalation SL | Noncarcinogenic SL |
| (mg/kg-day) <sup>-1</sup>   | e | (ug/m <sup>3</sup> ) <sup>-1</sup> | e | (mg/kg-day)      | e | (mg/m <sup>3</sup> ) | e | o       | gen   |         |     | (mg/kg)          | (m <sup>3</sup> /kg) | (m <sup>3</sup> /kg) |  |            | TR=1.0E-6                             | TR=1.0E-6 | TR=1.0E-6     | TR=1.0E-6       | HQ=1                            | HQ=1      | HQ=1          | HI=1               |
|   | y |                                    | y |                  | y |                      | y | c       |       |         |     |                  |                      |                      |  |            | (mg/kg)                               | (mg/kg)   | (mg/kg)       | (mg/kg)         | (mg/kg)                         | (mg/kg)   | (mg/kg)       | (mg/kg)            |
|   |   |                                    |   | 1.4E+00          |   | 1.0E-03              |   | V       |       |         |     |                  | 1.4E+09              | 6.8E+03              | Methyl Isocyanate                          | 624-83-9   |                                       |           |               |                 |                                 |           | 6.0E+06       | 6.0E+06            |
|   |   |                                    |   | 2.5E-04          |   | 7.0E-01              |   | I       |       |         |     | 2.4E+03          | 1.4E+09              | 1.4E+09              | Methyl Methacrylate                        | 80-62-6    |                                       |           |               |                 | 1.4E+06                         |           | 2.1E+04       | 2.1E+04            |
|   |   |                                    |   |                  |   |                      |   |         |       |         |     |                  | 1.4E+09              | 1.4E+09              | Methyl Parathion                           | 298-00-0   |                                       |           |               |                 | 2.6E+02                         | 3.9E+02   |               | 1.5E+02            |
|   |   |                                    |   | 6.0E-02          |   | 4.0E-02              |   | H V     |       |         |     | 3.8E+02          | 1.4E+09              | 1.2E+04              | Methyl Phosphonic Acid                     | 993-13-5   |                                       |           |               |                 | 6.1E+04                         | 9.3E+04   |               | 3.7E+04            |
| 9.9E-02   | C | 2.8E-05                            | C |                  |   |                      |   |         |       |         |     |                  | 1.4E+09              | 1.4E+09              | Methyl Styrene (Mixed Isomers)             | 25013-15-4 | 2.9E+01                               | 4.4E+01   | 6.0E+05       | 1.7E+01         | 6.1E+03                         |           | 2.2E+03       | 1.6E+03            |
|   |   |                                    |   |                  |   |                      |   |         |       |         |     |                  | 1.4E+09              | 5.3E+03              | Methyl tert-Butyl Ether (MTBE)             | 1634-04-4  | 1.6E+03                               |           | 2.5E+02       | 2.2E+02         |                                 |           | 6.9E+04       | 6.9E+04            |
| 1.8E-03   | C | 2.6E-07                            | C |                  |   |                      |   |         |       |         |     | 8.9E+03          | 1.4E+09              | 1.4E+09              | Methyl-5-Nitroaniline, 2-                  | 99-55-8    | 8.7E+01                               | 1.3E+02   |               |                 |                                 |           |               |                    |
| 3.3E-02   | H |                                    |   |                  |   |                      |   |         |       |         |     |                  | 1.4E+09              | 1.4E+09              | Methyl-N-nitro-N-nitrosoguanidine, N-      | 70-25-7    | 3.4E-01                               | 5.2E-01   | 6.9E+03       | 2.1E-01         |                                 |           |               |                    |
| 8.3E+00   | C | 2.4E-03                            | C |                  |   |                      |   |         |       |         |     |                  | 1.4E+09              | 1.4E+09              |  |            |                                       |           |               |                 |                                 |           |               |                    |
| 1.3E-01   | C | 3.7E-05                            | C |                  |   |                      |   |         |       |         |     |                  | 1.4E+09              | 1.4E+09              | Methylaniline Hydrochloride, 2-            | 636-21-5   | 2.2E+01                               | 3.3E+01   | 4.5E+05       | 1.3E+01         |                                 |           |               |                    |
|   |   |                                    |   | 1.0E-02          |   | A                    |   |         |       |         |     |                  | 1.4E+09              | 1.4E+09              | Methylarsonic acid                         | 124-58-3   |                                       |           |               |                 | 1.0E+04                         | 1.5E+04   |               | 6.2E+03            |
| 2.2E+01   | C | 6.3E-03                            | C |                  |   |                      |   |         |       |         |     |                  | 1.4E+09              | 1.4E+09              | Methylcholanthrene, 3-                     | 56-49-5    | 1.3E-01                               | 2.0E-01   | 2.6E+03       | 7.8E-02         |                                 |           |               |                    |
| 7.5E-03   | I | 4.7E-07                            | I | 6.0E-02          |   | 1.0E+00              |   | A V     |       |         |     | 3.3E+03          | 1.4E+09              | 2.4E+03              | Methylene Chloride                         | 75-09-2    | 3.8E+02                               |           | 6.2E+01       | 5.3E+01         | 6.1E+04                         |           | 1.1E+04       | 9.2E+03            |
| 1.0E-01   | P | 4.3E-04                            | C | 2.0E-03          |   |                      |   |         | M     |         |     |                  | 1.4E+09              | 1.4E+09              | Methylene-bis(2-chloroaniline), 4,4'-      | 101-14-4   | 2.9E+01                               | 4.3E+01   | 3.9E+04       | 1.7E+01         | 2.0E+03                         | 3.1E+03   |               | 1.2E+03            |
| 4.6E-02   | I | 1.3E-05                            | C |                  |   |                      |   |         |       |         |     |                  | 1.4E+09              | 1.4E+09              | Methylene-bis(N,N-dimethyl) Aniline, 4,4'- | 101-61-1   | 6.2E+01                               | 9.4E+01   | 1.3E+06       | 3.7E+01         |                                 |           |               |                    |
| 1.6E+00   | C | 4.6E-04                            | C |                  |   | 2.0E-02              |   | C       |       |         |     |                  | 1.4E+09              | 1.4E+09              | Methylenebisbenzenamine, 4,4'-             | 101-77-9   | 1.8E+00                               | 2.7E+00   | 3.6E+04       | 1.1E+00         |                                 |           | 1.2E+08       | 1.2E+08            |
|   |   |                                    |   | 7.0E-02          |   | 6.0E-04              |   | I       |       |         |     | 5.0E+02          | 1.4E+09              | 1.4E+04              | Methylenediphenyl Diisocyanate             | 101-68-8   |                                       |           |               |                 |                                 |           | 3.6E+06       | 3.6E+06            |
|   |   |                                    |   |                  |   |                      |   |         |       |         |     |                  | 1.4E+09              | 1.4E+04              | Methylstyrene, Alpha-                      | 98-83-9    |                                       |           |               |                 | 7.2E+04                         |           |               | 7.2E+04            |
|   |   |                                    |   | 1.5E-01          |   | I                    |   |         |       |         |     |                  | 1.4E+09              | 1.4E+09              | Metolachlor                                | 51218-45-2 |                                       |           |               |                 | 1.5E+05                         | 2.3E+05   |               | 9.2E+04            |
|   |   |                                    |   | 2.5E-02          |   | I                    |   |         |       |         |     |                  | 1.4E+09              | 1.4E+09              | Metribuzin                                 | 21087-64-9 |                                       |           |               |                 | 2.6E+04                         | 3.9E+04   |               | 1.5E+04            |
|   |   |                                    |   | 4.5E-06          |   | X                    |   | 1.0E-01 | P V   |         |     |                  | 1.4E+09              | 1.4E+09              | Midrange Aliphatic Hydrocarbon Streams     | NA         |                                       |           | 3.7E+06       | 3.7E+06         | 1.0E+04                         |           | 6.0E+08       | 1.0E+04            |
|   |   |                                    |   |                  |   | 3.0E+00              |   | P       |       |         |     |                  | 1.4E+09              | 1.4E+09              | Mineral oils                               | 8012-95-1  |                                       |           |               |                 | 3.1E+06                         | 4.6E+06   |               | 1.8E+06            |
| 1.8E+01   | C | 5.1E-03                            | C | 2.0E-04          |   | I                    |   |         |       |         |     |                  | 1.4E+09              | 1.4E+09              | Mirex                                      | 2385-85-5  | 1.6E-01                               | 2.4E-01   | 3.3E+03       | 9.6E-02         | 2.0E+02                         | 3.1E+02   |               | 1.2E+02            |
|   |   |                                    |   | 2.0E-03          |   | I                    |   |         |       |         |     |                  | 1.4E+09              | 1.4E+09              | Molinat                                    | 2212-67-1  |                                       |           |               |                 | 2.0E+03                         | 3.1E+03   |               | 1.2E+03            |
|   |   |                                    |   | 5.0E-03          |   | I                    |   |         |       |         |     |                  | 1.4E+09              | 1.4E+09              | Molybdenum                                 | 7439-98-7  |                                       |           |               |                 | 5.1E+03                         |           |               | 5.1E+03            |
|   |   |                                    |   | 1.0E-01          |   | I                    |   |         |       |         |     |                  | 1.4E+09              | 1.4E+09              | Monochloramine                             | 10599-90-3 |                                       |           |               |                 | 1.0E+05                         |           |               | 1.0E+05            |
|   |   |                                    |   | 2.0E-03          |   | P                    |   |         |       |         |     |                  | 1.4E+09              | 1.4E+09              | Monomethylamine                            | 100-61-8   |                                       |           |               |                 | 2.0E+03                         | 3.1E+03   |               | 1.2E+03            |
|   |   |                                    |   | 3.0E-04          |   | X                    |   |         |       |         |     |                  | 1.4E+09              | 1.4E+09              | N,N'-Diphenyl-1,4-benzenediamine           | 74-31-7    |                                       |           |               |                 | 3.1E+02                         | 4.6E+02   |               | 1.8E+02            |
|   |   |                                    |   | 2.0E-03          |   | I                    |   |         |       |         |     |                  | 1.4E+09              | 1.4E+09              | Naled                                      | 300-76-5   |                                       |           |               |                 | 2.0E+03                         | 3.1E+03   |               | 1.2E+03            |
|   |   |                                    |   | 3.0E-02          |   | X                    |   | 1.0E-01 | P V   |         |     |                  | 1.4E+09              | 1.4E+09              | Naphtha, High Flash Aromatic (HFAN)        | 64724-95-6 |                                       |           |               |                 | 3.1E+04                         |           | 6.0E+08       | 3.1E+04            |
| 1.8E+00   | C | 0.0E+00                            | C |                  |   |                      |   |         |       |         |     |                  | 1.4E+09              | 1.4E+09              | Naphthylamine, 2-                          | 91-59-8    | 1.6E+00                               | 2.4E+00   |               | 9.6E-01         |                                 |           |               |                    |
|   |   |                                    |   | 1.0E-01          |   | I                    |   |         |       |         |     |                  | 1.4E+09              | 1.4E+09              | Napropamide                                | 15299-99-7 |                                       |           |               |                 | 1.0E+05                         | 1.5E+05   |               | 6.2E+04            |
|   |   |                                    |   | 5.0E-02          |   | C                    |   | 5.0E-05 | C     | 0.04    |     |                  | 1.4E+09              | 1.4E+09              | Nickel Carbonyl                            | 13463-39-3 |                                       |           |               |                 | 5.1E+04                         |           | 3.0E+05       | 4.4E+04            |
|   |   |                                    |   | 5.0E-02          |   | C                    |   | 1.0E-04 | C     | 1       |     |                  | 1.4E+09              | 1.4E+09              | Nickel Oxide                               | 1313-99-1  |                                       |           |               |                 | 5.1E+04                         |           | 6.0E+05       | 4.7E+04            |
|   |   |                                    |   | 5.0E-02          |   | C                    |   | 5.0E-05 | C     | 0.04    |     |                  | 1.4E+09              | 1.4E+09              | Nickel Refinery Dust                       | NA         |                                       |           | 6.9E+04       | 6.9E+04         | 5.1E+04                         |           | 3.0E+05       | 4.4E+04            |
|   |   |                                    |   | 2.6E-04          |   | C                    |   | 2.0E-02 | I     | 9.0E-05 | A   |                  | 1.4E+09              | 1.4E+09              | Nickel Soluble Salts                       | 7440-02-0  |                                       |           | 6.4E+04       | 6.4E+04         | 2.0E+04                         |           | 5.4E+05       | 2.0E+04            |
| 1.7E+00   | C | 4.8E-04                            | I | 5.0E-02          |   | C                    |   | 5.0E-05 | C     | 0.04    |     |                  | 1.4E+09              | 1.4E+09              | Nickel Subulfide                           | 12035-72-2 | 1.7E+00                               |           | 3.5E+04       | 1.7E+00         | 5.1E+04                         |           | 3.0E+05       | 4.4E+04            |
|   |   |                                    |   | 1.6E+00          |   | I                    |   |         |       |         |     |                  | 1.4E+09              | 1.4E+09              | Nitrate                                    | 14797-55-8 |                                       |           |               |                 | 1.6E+06                         |           |               | 1.6E+06            |
|   |   |                                    |   | 1.0E-01          |   | I                    |   |         |       |         |     |                  | 1.4E+09              | 1.4E+09              | Nitrite                                    | 14797-65-0 |                                       |           |               |                 | 1.0E+05                         |           |               | 1.0E+05            |
| 2.0E-02   | P |                                    |   | 1.0E-02          |   | X                    |   | 5.0E-05 | X     | 1       | 0.1 |                  | 1.4E+09              | 1.4E+09              | Nitroaniline, 2-                           | 88-74-4    | 1.4E+02                               | 2.2E+02   |               |                 | 1.0E+04                         | 1.5E+04   | 3.0E+05       | 6.0E+03            |
|   |   |                                    |   | 4.0E-03          |   | P                    |   | 6.0E-03 | P     | 1       | 0.1 |                  | 1.4E+09              | 1.4E+09              | Nitroaniline, 4-                           | 100-01-6   |                                       |           |               | 8.6E+01         | 4.1E+03                         | 6.2E+03   | 3.6E+07       | 2.5E+03            |
|   |   |                                    |   | 2.0E-03          |   | I                    |   | 9.0E-03 | I V   | 1       |     | 3.1E+03          | 1.4E+09              | 7.9E+04              | Nitrobenzene                               | 98-95-3    |                                       |           | 2.4E+01       | 2.4E+01         | 2.0E+03                         |           | 3.1E+03       | 1.2E+03            |
|   |   |                                    |   | 3.0E+03          |   | P                    |   |         |       | 1       | 0.1 |                  | 1.4E+09              | 1.4E+09              | Nitrocellulose                             | 9004-70-0  |                                       |           |               |                 | 3.1E+09                         | 4.6E+09   |               | 1.8E+09            |
| 1.3E+00   | C | 3.7E-04                            | C | 7.0E-02          |   | H                    |   |         |       | 1       | 0.1 |                  | 1.4E+09              | 1.4E+09              | Nitrofurantoin                             | 67-20-9    |                                       |           |               |                 | 7.2E+04                         | 1.1E+05   |               | 4.3E+04            |
|   |   |                                    |   |                  |   |                      |   |         |       | 1       | 0.1 |                  | 1.4E+09              | 1.4E+09              | Nitrofurazone                              | 59-87-0    | 2.2E+00                               | 3.3E+00   | 4.5E+04       | 1.3E+00         |                                 |           |               |                    |
| 1.7E-02   | P |                                    |   | 1.0E-04          |   | P                    |   |         |       | 1       | 0.1 |                  | 1.4E+09              | 1.4E+09              | Nitroglycerin                              | 55-63-0    | 1.7E+02                               | 2.6E+02   |               | 1.0E+02         | 1.0E+02                         | 1.0E+02   | 1.5E+02       | 6.2E+01            |
|   |   |                                    |   | 1.0E-01          |   | I                    |   |         |       | 1       | 0.1 |                  | 1.4E+09              | 1.4E+09              | Nitroguanidine                             | 556-88-7   |                                       |           |               |                 | 1.0E+05                         | 1.5E+05   |               | 6.2E+04            |
|   |   |                                    |   |                  |   | 2.0E-02              |   | P V     |       | 1       |     | 1.8E+04          | 1.4E+09              | 1.8E+04              | Nitromethane                               | 75-52-5    |                                       |           | 2.5E+01       | 2.5E+01         |                                 |           | 1.6E+03       | 1.6E+03            |
| 2.7E+01   | C | 7.7E-03                            | C |                  |   | 2.0E-02              |   | I V     |       | 1       |     | 4.9E+03          | 1.4E+09              | 1.4E+04              | Nitropropane, 2-                           | 79-46-9    | 1.1E-01                               | 1.6E-01   | 2.2E+03       | 6.4E-02         | 6.4E-02                         |           | 1.2E+03       | 1.2E+03            |
| 1.2E+02   | C | 3.4E-02                            | C |                  |   |                      |   |         |       | 1       | 0.1 |                  | 1.4E+09              | 1.4E+09              | Nitroso-N-ethylurea, N-                    | 759-73-9   | 2.4E-02                               | 3.6E-02   | 4.9E+02       | 1.4E-02         |                                 |           |               |                    |
|   |   |                                    |   | 1.6E-03          |   | I                    |   |         |       | 1       |     | 7.1E+03          | 1.4E+09              | 2.1E+05              | Nitroso-N-methylurea, N-                   | 684-93-5   | 5.3E-01                               |           | 1.6E+00       | 4.0E-01         |                                 |           |               |                    |
| 7.0E+00   | I | 2.0E-03                            | C |                  |   |                      |   |         |       | 1       | 0.1 |                  | 1.4E+09              | 1.4E+09              | Nitroso-di-N-butylamine, N-                | 924-16-3   | 4.1E-01                               | 6.2E-01   | 8.3E+03       | 2.5E-01         |                                 |           |               |                    |
| 2.8E+00   | I | 8.0E-04                            | C |                  |   |                      |   |         |       | 1       | 0.1 |                  | 1.4E+09              | 1.4E+09              | Nitroso-di-N-propylamine, N-               | 621-64-7   | 1.0E+00                               | 1.5E+00   | 2.1E+04       | 6.2E-01         |                                 |           |               |                    |
|   |   |                                    |   |                  |   |                      |   |         |       | 1       | 0.1 |                  | 1.4E+09              | 1.4E+09              | Nitrosodiethanolamine, N-                  |            |                                       |           |               |                 |                                 |           |               |                    |

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |   |             |                                 |             |                             |             |              |       |       |                             |                             |                            | Contaminant                                       |            | Carcinogenic Target Risk (TR) = 1E-06 |                                   |                                       |   | Noncancer Hazard Index (HI) = 1 |                              |                                  |                                       |         |         |
|--|-------------|---|-------------|---------------------------------|-------------|-----------------------------|-------------|--------------|-------|-------|-----------------------------|-----------------------------|----------------------------|---|------------|---------------------------------------|-----------------------------------|---------------------------------------|---|---------------------------------|------------------------------|----------------------------------|---------------------------------------|---------|---------|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>0</sub><br>(mg/kg-day) | k<br>e<br>y | RfC<br>(mg/m <sup>3</sup> ) | k<br>e<br>y | muta-<br>gen | GIABS | ABS   | C <sub>sat</sub><br>(mg/kg) | PEF<br>(m <sup>3</sup> /kg) | VF<br>(m <sup>3</sup> /kg) | Analyte   | CAS No.    | Ingestion SL<br>TR=1.0E-6<br>(mg/kg)  | Dermal SL<br>TR=1.0E-6<br>(mg/kg) | Inhalation SL<br>TR=1.0E-6<br>(mg/kg) | Carcinogenic SL<br>TR=1.0E-6<br>(mg/kg) | Ingestion SL<br>HQ=1<br>(mg/kg) | Dermal SL<br>HQ=1<br>(mg/kg) | Inhalation SL<br>HQ=1<br>(mg/kg) | Noncarcinogenic SL<br>HI=1<br>(mg/kg) |         |         |
| 2.1E+00                                    | I           | 6.1E-04                                   | I           | 1.0E-04                         | X           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Nitrosopyrrolidine, N-                            | 930-55-2   | 1.4E+00                               | 2.1E+00                           | 2.7E+04                               | 8.2E-01                                 |                                 |                              |                                  |                                       |         |         |
| 2.2E-01                                    | P           |   |             | 9.0E-04                         | P           |                             | V           |              | 1     | 0.1   | 1.5E+03                     | 1.4E+09                     | 1.5E+05                    | Nitrotoluene, m-                                  | 99-08-1    | 1.3E+01                               |                                   |                                       | 1.3E+01                                 | 1.0E+02                         | 1.5E+02                      |                                  |                                       | 6.2E+01 |         |
| 1.6E-02                                    | P           |   |             | 4.0E-03                         | P           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Nitrotoluene, o-                                  | 88-72-2    | 1.8E+02                               | 2.7E+02                           |                                       | 1.1E+02                                 | 4.1E+03                         | 6.2E+03                      |                                  |                                       | 2.5E+03 |         |
|  |             |   |             | 3.0E-04                         | X           | 2.0E-01                     | P           | V            | 1     | 0.1   | 6.9E+00                     | 1.4E+09                     | 1.1E+03                    | Nonane, n-  | 111-84-2   |                                       |                                   |                                       |   | 3.1E+02                         |                              | 9.8E+02                          |                                       | 2.3E+02 |         |
|  |             |   |             | 4.0E-02                         | I           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Norflurazon                                       | 27314-13-2 |                                       |                                   |                                       |   | 4.1E+04                         | 6.2E+04                      |                                  |                                       | 2.5E+04 |         |
|  |             |   |             | 7.0E-04                         | I           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Nustar  | 85509-19-9 |                                       |                                   |                                       |   | 7.2E+02                         | 1.1E+03                      |                                  |                                       | 4.3E+02 |         |
|  |             |   |             | 3.0E-03                         | I           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Octabromodiphenyl Ether                           | 32356-52-0 |                                       |                                   |                                       |   | 3.1E+03                         | 4.6E+03                      |                                  |                                       | 1.8E+03 |         |
|  |             |   |             | 5.0E-02                         | I           |                             |             |              | 1     | 0.006 | 1.4E+09                     | 1.4E+09                     |                            | Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)  | 2691-41-0  |                                       |                                   |                                       |   | 5.1E+04                         | 1.3E+06                      |                                  |                                       | 4.9E+04 |         |
|  |             |   |             | 2.0E-03                         | H           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Octamethylpyrophosphoramide                       | 152-16-9   |                                       |                                   |                                       |   | 2.0E+03                         | 3.1E+03                      |                                  |                                       | 1.2E+03 |         |
|  |             |   |             | 5.0E-02                         | I           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Oryzalin  | 19044-88-3 |                                       |                                   |                                       |   | 5.1E+04                         | 7.7E+04                      |                                  |                                       | 3.1E+04 |         |
|  |             |   |             | 5.0E-03                         | I           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Oxadiazon   | 19666-30-9 |                                       |                                   |                                       |   | 5.1E+03                         | 7.7E+03                      |                                  |                                       | 3.1E+03 |         |
|  |             |   |             | 2.5E-02                         | I           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Oxamyl  | 23135-22-0 |                                       |                                   |                                       |   | 2.6E+04                         | 3.9E+04                      |                                  |                                       | 1.5E+04 |         |
|  |             |   |             | 1.3E-02                         | I           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Paclitaxel  | 76738-62-0 |                                       |                                   |                                       |   | 1.3E+04                         | 2.0E+04                      |                                  |                                       | 8.0E+03 |         |
|  |             |   |             | 4.5E-03                         | I           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Paraquat Dichloride                               | 1910-42-5  |                                       |                                   |                                       |   | 4.6E+03                         | 7.0E+03                      |                                  |                                       | 2.8E+03 |         |
|  |             |   |             | 6.0E-03                         | H           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Parathion   | 56-38-2    |                                       |                                   |                                       |   | 6.1E+03                         | 9.3E+03                      |                                  |                                       | 3.7E+03 |         |
|  |             |   |             | 5.0E-02                         | H           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Pebulate  | 1114-71-2  |                                       |                                   |                                       |   | 5.1E+04                         | 7.7E+04                      |                                  |                                       | 3.1E+04 |         |
|  |             |   |             | 4.0E-02                         | I           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Pendimethalin                                     | 40487-42-1 |                                       |                                   |                                       |   | 4.1E+04                         | 6.2E+04                      |                                  |                                       | 2.5E+04 |         |
|  |             |   |             | 2.0E-03                         | I           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Pentabromodiphenyl Ether                          | 32534-81-9 |                                       |                                   |                                       |   | 2.0E+03                         | 3.1E+03                      |                                  |                                       | 1.2E+03 |         |
|  |             |   |             | 1.0E-04                         | I           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Pentabromodiphenyl ether, 2,2',4,4',5'- (BDE-99)  | 60348-60-9 |                                       |                                   |                                       |   | 1.0E+02                         | 1.5E+02                      |                                  |                                       | 6.2E+01 |         |
|  |             |   |             | 8.0E-04                         | I           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Pentachlorobenzene                                | 608-93-5   |                                       |                                   |                                       |   | 8.2E+02                         | 1.2E+03                      |                                  |                                       | 4.9E+02 |         |
| 9.0E-02                                    | P           |   |             |                                 |             | 1.0E+00                     | P           | V            | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     | 8.4E+02                    | Pentachloroethane                                 | 76-01-7    | 3.2E+01                               | 4.8E+01                           |                                       | 1.9E+01                                 |                                 |                              |                                  |                                       | 3.7E+03 |         |
| 2.6E-01                                    | H           |   |             | 3.0E-03                         | I           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Pentachloronitrobenzene                           | 82-68-8    | 1.1E+01                               | 1.7E+01                           |                                       | 6.6E+00                                 | 3.1E+03                         | 4.6E+03                      |                                  |                                       | 1.8E+03 |         |
| 4.0E-01                                    | I           | 5.1E-06                                   | C           | 5.0E-03                         | I           |                             |             |              | 1     | 0.25  | 1.4E+09                     | 1.4E+09                     |                            | Pentachlorophenol                                 | 87-86-5    | 7.2E+00                               | 4.3E+00                           | 3.3E+06                               | 2.7E+00                                 | 5.1E+03                         | 3.1E+03                      |                                  |                                       | 1.9E+03 |         |
|  |             |   |             | 7.0E-04                         | I           |                             |             |              | 1     | 0.1   | 3.9E+02                     | 1.4E+09                     | 8.4E+02                    | Pentane, n-                                       | 109-66-0   |                                       |                                   |                                       |   |                                 |                              |                                  |                                       | 3.7E+03 |         |
|  |             |   |             | 5.0E-02                         | I           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Perchlorate and Perchlorate Salts                 | 14797-73-0 |                                       |                                   |                                       |   | 7.2E+02                         |                              |                                  |                                       | 7.2E+02 |         |
| 2.2E-03                                    | C           | 6.3E-07                                   | C           |                                 |             |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Permethrin  | 52645-53-1 |                                       |                                   |                                       |   | 5.1E+04                         | 7.7E+04                      |                                  |                                       | 3.1E+04 |         |
|  |             |   |             | 2.5E-01                         | I           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Phenacetin  | 62-44-2    | 1.3E+03                               | 2.0E+03                           | 2.6E+07                               | 7.8E+02                                 |                                 |                              |                                  |                                       |         |         |
|  |             |   |             | 3.0E-01                         | I           | 2.0E-01                     | C           |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Phenmedipham                                      | 13684-63-4 |                                       |                                   |                                       |   | 2.6E+05                         | 3.9E+05                      |                                  |                                       | 1.5E+05 |         |
| 4.7E-02                                    | H           |   |             | 6.0E-03                         | I           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Phenol  | 108-95-2   |                                       |                                   |                                       |   | 3.1E+05                         | 4.6E+05                      | 1.2E+09                          |                                       | 1.8E+05 |         |
|  |             |   |             | 1.9E-01                         | H           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Phenylenediamine, m-                              | 108-45-2   | 6.1E+01                               | 9.2E+01                           |                                       | 3.7E+01                                 | 6.1E+03                         | 9.3E+03                      |                                  |                                       | 3.7E+03 |         |
| 1.9E-03                                    | H           |   |             |                                 |             |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Phenylenediamine, o-                              | 95-54-5    |                                       |                                   |                                       |   | 1.9E+05                         | 2.9E+05                      |                                  |                                       | 1.2E+05 |         |
|  |             |   |             | 2.0E-04                         | H           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Phenylenediamine, p-                              | 106-50-3   |                                       |                                   |                                       |   |                                 |                              |                                  |                                       | 1.2E+05 |         |
|  |             |   |             | 3.0E-04                         | I           | V                           |             |              | 1     | 0.1   | 1.6E+03                     | 1.4E+09                     | 1.1E+03                    | Phenylphenol, 2-                                  | 90-43-7    | 1.5E+03                               | 2.2E+03                           |                                       | 8.9E+02                                 |                                 |                              |                                  |                                       |         |         |
|  |             |   |             |                                 |             |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Phorate   | 298-02-2   |                                       |                                   |                                       |   | 2.0E+02                         | 3.1E+02                      |                                  |                                       | 1.2E+02 |         |
|  |             |   |             | 2.0E-02                         | I           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Phosgene  | 75-44-5    |                                       |                                   |                                       |   |                                 |                              | 1.4E+00                          |                                       | 1.4E+00 |         |
|  |             |   |             | 3.0E-04                         | I           | 3.0E-04                     | I           |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Phosmet   | 732-11-6   |                                       |                                   |                                       |   |                                 | 2.0E+04                      | 3.1E+04                          |                                       |         | 1.2E+04 |
|  |             |   |             | 1.0E-02                         | I           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Phosphine   | 7803-51-2  |                                       |                                   |                                       |   | 3.1E+02                         |                              |                                  | 1.8E+06                               | 3.1E+02 |         |
|  |             |   |             |                                 |             |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Phosphoric Acid                                   | 7664-38-2  |                                       |                                   |                                       |   |                                 |                              | 6.0E+07                          |                                       | 6.0E+07 |         |
|  |             |   |             | 2.0E-05                         | I           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Phosphorus, White                                 | 7723-14-0  |                                       |                                   |                                       |   |                                 | 2.0E+01                      |                                  |                                       |         | 2.0E+01 |
|  |             |   |             | 1.0E+00                         | H           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Phthalic Acid, P-                                 | 100-21-0   |                                       |                                   |                                       |   | 1.0E+06                         | 1.5E+06                      |                                  |                                       | 6.2E+05 |         |
|  |             |   |             | 2.0E+00                         | I           | 2.0E-02                     | C           |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Phthalic Anhydride                                | 85-44-9    |                                       |                                   |                                       |   | 2.0E+06                         | 3.1E+06                      | 1.2E+08                          |                                       | 1.2E+06 |         |
|  |             |   |             | 7.0E-02                         | I           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Picloram  | 1918-02-1  |                                       |                                   |                                       |   | 7.2E+04                         | 1.1E+05                      |                                  |                                       | 4.3E+04 |         |
|  |             |   |             | 1.0E-04                         | X           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Picramic Acid (2-Amino-4,6-dinitrophenol)         | 96-91-3    |                                       |                                   |                                       |   | 1.0E+02                         | 1.5E+02                      |                                  |                                       | 6.2E+01 |         |
|  |             |   |             | 1.0E-02                         | I           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Pirimiphos, Methyl                                | 29232-93-7 |                                       |                                   |                                       |   | 1.0E+04                         | 1.5E+04                      |                                  |                                       | 6.2E+03 |         |
| 3.0E+01                                    | C           | 8.6E-03                                   | C           | 7.0E-06                         | H           |                             |             |              | 1     | 0.1   | 1.4E+09                     | 1.4E+09                     |                            | Polybrominated Biphenyls                          | 59536-65-1 | 9.5E-02                               | 1.4E-01                           | 1.9E+03                               | 5.7E-02                                 | 7.2E+00                         | 1.1E+01                      |                                  |                                       | 4.3E+00 |         |
| 7.0E-02                                    | S           | 2.0E-05                                   | S           | 7.0E-05                         | I           |                             |             |              | 1     | 0.14  | 1.4E+09                     | 1.4E+09                     |                            | <b>Polychlorinated Biphenyls (PCBs)</b>           |            |                                       |                                   |                                       |   |                                 |                              |                                  |                                       |         |         |
| 2.0E+00                                    | S           | 5.7E-04                                   | S           |                                 |             |                             | V           |              | 1     | 0.14  | 7.6E+02                     | 1.4E+09                     | 9.2E+04                    | ~Aroclor 1016                                     | 12674-11-2 | 4.1E+01                               | 4.4E+01                           | 8.3E+05                               | 2.1E+01                                 | 7.2E+01                         | 7.7E+01                      |                                  |                                       | 3.7E+01 |         |
| 2.0E+00                                    | S           | 5.7E-04                                   | S           |                                 |             |                             | V           |              | 1     | 0.14  | 7.3E+01                     | 1.4E+09                     | 9.2E+04                    | ~Aroclor 1221                                     | 11104-28-2 | 1.4E+00                               | 1.5E+00                           | 2.0E+00                               | 5.4E-01                                 |                                 |                              |                                  |                                       |         |         |
| 2.0E+00                                    | S           | 5.7E-04                                   | S           |                                 |             |                             | V           |              | 1     | 0.14  | 1.4E+09                     | 1.4E+09                     |                            | ~Aroclor 1232                                     | 11141-16-5 | 1.4E+00                               | 1.5E+00                           | 2.0E+00                               | 5.4E-01                                 |                                 |                              |                                  |                                       |         |         |
|  |             |   |             |                                 |             |                             | V           |              | 1     | 0.14  | 1.4E+09                     | 1.4E+09                     |                            | ~Aroclor 1242                                     | 53469-21-9 | 1.4E+00                               | 1.5E+00                           | 2.9E+04                               | 7.4E-01                                 |                                 |                              |                                  |                                       |         |         |
| 2.0E+00                                    | S           | 5.7E-04                                   | S           |                                 |             |                             |             |              | 1     | 0.14  | 1.4E+09                     | 1.4E+09                     |                            | ~Aroclor 1248                                     | 12672-29-6 | 1.4E+00                               | 1.5E+00                           | 2.9E+04                               | 7.4E-01                                 |                                 |                              |                                  |                                       |         |         |
| 2.0E+00                                    | S           | 5.7E-04                                   | S           | 2.0E-05                         | I           |                             |             |              | 1     | 0.14  | 1.4E+09                     | 1.4E+09                     |                            | ~Aroclor 1254                                     | 11097-69-1 | 1.4E+00                               | 1.5E+00                           | 2.9E+04                               | 7.4E-01                                 | 2.0E+01                         | 2.2E+01                      |                                  |                                       | 1.1E+01 |         |
| 2.0E+00                                    | S           | 5.7E-04                                   | S           |                                 |             |                             |             |              | 1     | 0.14  | 1.4E+09                     | 1.4E+09                     |                            | ~Aroclor 1260                                     | 11096-82-5 | 1.4E+00                               | 1.5E+00                           | 2.9E+04                               | 7.4E-01                                 |                                 |                              |                                  |                                       |         |         |
| 3.9E+00                                    | E           | 1.1E-03                                   | E           | 3.3E-05                         | E           | 1.3E-03                     | E           |              | 1     | 0.14  | 1.4E+09                     | 1.4E+09                     |                            | ~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189) | 39635-31-9 | 7.3E-01                               | 7.9E-01                           | 1.5E+04                               | 3.8E-01                                 | 3.4E+01                         | 3.7E+01                      | 7.                               |                                       |         |         |





Regional Screening Level (RSL) Industrial Soil Table November 2010

| Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1 |                                   |                                       |                                   |                              |                                   |                                       |                                   |          |       |             |                          |                                       |                         |            |  |                                 |                   |                   |                                   |                           |                        |                            |                                 |
|--|-----------------------------------|---------------------------------------|-----------------------------------|------------------------------|-----------------------------------|---------------------------------------|-----------------------------------|----------|-------|-------------|--------------------------|---------------------------------------|-------------------------|------------|--|---------------------------------|-------------------|-------------------|-----------------------------------|---------------------------|------------------------|----------------------------|---------------------------------|
| Toxicity and Chemical-specific Information   |                                   |                                       |                                   |                              |                                   |                                       |                                   |          |       | Contaminant |                          | Carcinogenic Target Risk (TR) = 1E-06 |                         |            |  | Noncancer Hazard Index (HI) = 1 |                   |                   |                                   |                           |                        |                            |                                 |
| SFO (mg/kg-day) <sup>1</sup>   | k <sub>e</sub> (y <sup>-1</sup> ) | IUR (ug/m <sup>3</sup> ) <sup>1</sup> | k <sub>e</sub> (y <sup>-1</sup> ) | RfD <sub>0</sub> (mg/kg-day) | k <sub>e</sub> (y <sup>-1</sup> ) | RfC <sub>0</sub> (mg/m <sup>3</sup> ) | k <sub>e</sub> (y <sup>-1</sup> ) | muta-gen | GIABS | ABS         | C <sub>sat</sub> (mg/kg) | PEF (m <sup>3</sup> /kg)              | VF (m <sup>3</sup> /kg) | CAS No.    | Analyte  | TR=1.0E-6 (mg/kg)               | TR=1.0E-6 (mg/kg) | TR=1.0E-6 (mg/kg) | Carcinogenic SL TR=1.0E-6 (mg/kg) | Ingestion SL HQ=1 (mg/kg) | Dermal SL HQ=1 (mg/kg) | Inhalation SL HQ=1 (mg/kg) | Noncarcinogenic SL HI=1 (mg/kg) |
|  |                                   |                                       |                                   | 2.5E-02                      | I                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 78587-05-0 | Savey  |                                 |                   |                   |                                   | 2.6E+04                   | 3.9E+04                |                            | 1.5E+04                         |
|  |                                   |                                       |                                   | 5.0E-03                      | I                                 |                                       |                                   |          | 1     |             | 1.4E+09                  |                                       |                         | 7783-00-8  | Selenious Acid                                   |                                 |                   |                   |                                   | 5.1E+03                   |                        |                            | 5.1E+03                         |
|  |                                   |                                       |                                   | 5.0E-03                      | I                                 | 2.0E-02                               | C                                 |          | 1     |             | 1.4E+09                  |                                       |                         | 7782-49-2  | Selenium   |                                 |                   |                   |                                   | 5.1E+03                   |                        | 1.2E+08                    | 5.1E+03                         |
|  |                                   |                                       |                                   | 5.0E-03                      | C                                 | 2.0E-02                               | C                                 |          | 1     |             | 1.4E+09                  |                                       |                         | 7446-34-6  | Selenium Sulfide                                 |                                 |                   |                   |                                   | 5.1E+03                   |                        | 1.2E+08                    | 5.1E+03                         |
|  |                                   |                                       |                                   | 9.0E-02                      | I                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 74051-80-2 | Sethoxydim                                       |                                 |                   |                   |                                   | 9.2E+04                   | 1.4E+05                |                            | 5.5E+04                         |
|  |                                   |                                       |                                   |                              |                                   | 3.0E-03                               | C                                 |          | 1     |             | 1.4E+09                  |                                       |                         | 7631-86-9  | Silica (crystalline, respirable)                 |                                 |                   |                   |                                   |                           |                        | 1.8E+07                    | 1.8E+07                         |
| 1.2E-01  | H                                 |                                       |                                   | 5.0E-03                      | I                                 |                                       |                                   |          | 0.04  |             | 1.4E+09                  |                                       |                         | 7440-22-4  | Silver   |                                 |                   | 1.4E+01           |                                   | 5.1E+03                   |                        |                            | 5.1E+03                         |
|  |                                   |                                       |                                   | 5.0E-03                      | I                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 122-34-9   | Simazine   | 2.4E+01                         | 3.6E+01           |                   | 1.4E+01                           | 5.1E+03                   | 7.7E+03                |                            | 3.1E+03                         |
|  |                                   |                                       |                                   | 1.3E-02                      | I                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 62476-59-9 | Sodium Acifluorfen                               |                                 |                   |                   |                                   | 1.3E+04                   | 2.0E+04                |                            | 8.0E+03                         |
|  |                                   |                                       |                                   | 4.0E-03                      | I                                 |                                       |                                   |          | 1     |             | 1.4E+09                  |                                       |                         | 26628-22-8 | Sodium Azide                                     |                                 |                   |                   | 6.4E+00                           | 4.1E+03                   |                        |                            | 4.1E+03                         |
| 2.7E-01  | H                                 |                                       |                                   | 3.0E-02                      | I                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 148-18-5   | Sodium Diethyldithiocarbamate                    | 1.1E+01                         | 1.6E+01           |                   |                                   | 3.1E+04                   | 4.6E+04                |                            | 1.8E+04                         |
|  |                                   |                                       |                                   | 5.0E-02                      | A                                 | 1.3E-02                               | C                                 |          | 1     |             | 1.4E+09                  |                                       |                         | 7681-49-4  | Sodium Fluoride                                  |                                 |                   |                   |                                   | 5.1E+04                   |                        | 7.7E+07                    | 5.1E+04                         |
|  |                                   |                                       |                                   | 2.0E-05                      | I                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 62-74-8    | Sodium Fluoroacetate                             |                                 |                   |                   |                                   | 2.0E+01                   | 3.1E+01                |                            | 1.2E+01                         |
|  |                                   |                                       |                                   | 1.0E-03                      | H                                 |                                       |                                   |          | 1     |             | 1.4E+09                  |                                       |                         | 13718-26-8 | Sodium Metavanadate                              |                                 |                   |                   |                                   | 1.0E+03                   |                        |                            | 1.0E+03                         |
|  |                                   |                                       |                                   | 7.0E-04                      | I                                 |                                       |                                   |          | 1     |             | 1.4E+09                  |                                       |                         | 7601-89-0  | Sodium Perchlorate                               |                                 |                   |                   |                                   | 7.2E+02                   |                        |                            | 7.2E+02                         |
| 2.4E-02  | H                                 |                                       |                                   | 3.0E-02                      | I                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 961-11-5   | Stirofos (Tetrachlorovinphos)                    | 1.2E+02                         | 1.8E+02           |                   | 7.2E+01                           | 3.1E+04                   | 4.6E+04                |                            | 1.8E+04                         |
|  |                                   |                                       |                                   | 6.0E-01                      | I                                 |                                       |                                   |          | 1     |             | 1.4E+09                  |                                       |                         | 7440-24-6  | Strontium, Stable                                |                                 |                   |                   |                                   | 6.1E+05                   |                        |                            | 6.1E+05                         |
|  |                                   |                                       |                                   | 3.0E-04                      | I                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 57-24-9    | Strychnine                                       |                                 |                   |                   |                                   | 3.1E+02                   | 4.6E+02                |                            | 1.8E+02                         |
|  |                                   |                                       |                                   | 2.0E-01                      | I                                 | 1.0E+00                               | I                                 | V        | 1     |             | 8.7E+02                  | 1.4E+09                               | 1.0E+04                 | 100-42-5   | Styrene  |                                 |                   |                   |                                   | 2.0E+05                   |                        | 4.4E+04                    | 3.6E+04                         |
|  |                                   |                                       |                                   | 8.0E-04                      | P                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 80-07-9    | Sulfonylbis(4-chlorobenzene), 1,1'-Sulfuric Acid |                                 |                   |                   |                                   | 8.2E+02                   | 1.2E+03                |                            | 4.9E+02                         |
|  |                                   |                                       |                                   |                              |                                   | 1.0E-03                               | C                                 |          | 1     |             | 1.4E+09                  |                                       |                         | 7664-93-9  | Sulfuric Acid                                    |                                 |                   |                   |                                   |                           |                        | 6.0E+06                    | 6.0E+06                         |
|  |                                   |                                       |                                   | 2.5E-02                      | I                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 88671-89-0 | Systhane   |                                 |                   |                   |                                   | 2.6E+04                   | 3.9E+04                |                            | 1.5E+04                         |
|  |                                   |                                       |                                   | 3.0E-02                      | H                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 21564-17-0 | TCMTB  |                                 |                   |                   |                                   | 3.1E+04                   | 4.6E+04                |                            | 1.8E+04                         |
|  |                                   |                                       |                                   | 7.0E-02                      | I                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 34014-18-1 | Tebuthiuron                                      |                                 |                   |                   |                                   | 7.2E+04                   | 1.1E+05                |                            | 4.3E+04                         |
|  |                                   |                                       |                                   | 2.0E-02                      | H                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 3383-96-8  | Temephos   |                                 |                   |                   |                                   | 2.0E+04                   | 3.1E+04                |                            | 1.2E+04                         |
|  |                                   |                                       |                                   | 1.3E-02                      | I                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 5902-51-2  | Terbacil   |                                 |                   |                   |                                   | 1.3E+04                   | 2.0E+04                |                            | 8.0E+03                         |
|  |                                   |                                       |                                   | 2.5E-05                      | H                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 13071-79-9 | Terbufos   |                                 |                   |                   |                                   | 2.6E+01                   | 3.9E+01                |                            | 1.5E+01                         |
|  |                                   |                                       |                                   | 1.0E-03                      | I                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 886-50-0   | Terbutryn  |                                 |                   |                   |                                   | 1.0E+03                   | 1.5E+03                |                            | 6.2E+02                         |
|  |                                   |                                       |                                   | 1.0E-04                      | I                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 5436-43-1  | Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)    |                                 |                   |                   |                                   | 1.0E+02                   | 1.5E+02                |                            | 6.2E+01                         |
|  |                                   |                                       |                                   | 3.0E-04                      | I                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 95-94-3    | Tetrachlorobenzene, 1,2,4,5-                     |                                 |                   |                   |                                   | 3.1E+02                   | 4.6E+02                |                            | 1.8E+02                         |
| 2.6E-02  | I                                 | 7.4E-06                               | I                                 | 3.0E-02                      | I                                 |                                       |                                   | V        | 1     |             | 6.8E+02                  | 1.4E+09                               | 6.1E+03                 | 630-20-6   | Tetrachloroethane, 1,1,1,2-                      | 1.1E+02                         |                   | 1.0E+01           | 9.3E+00                           | 3.1E+04                   |                        |                            | 3.1E+04                         |
| 2.0E-01  | I                                 | 5.8E-05                               | C                                 | 2.0E-02                      | I                                 |                                       |                                   | V        | 1     |             | 1.9E+03                  | 1.4E+09                               | 1.6E+04                 | 79-34-5    | Tetrachloroethane, 1,1,2,2-                      | 1.4E+01                         |                   | 3.4E+00           | 2.8E+00                           | 2.0E+04                   |                        |                            | 2.0E+04                         |
| 5.4E-01  | C                                 | 5.9E-06                               | C                                 | 1.0E-02                      | I                                 | 2.7E-01                               | A                                 | V        | 1     |             | 1.7E+02                  | 1.4E+09                               | 2.5E+03                 | 127-18-4   | Tetrachloroethylene                              | 5.3E+00                         |                   | 5.3E+00           | 2.6E+00                           | 1.0E+04                   |                        | 3.0E+03                    | 2.3E+03                         |
|  |                                   |                                       |                                   | 3.0E-02                      | I                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 58-90-2    | Tetrachlorophenol, 2,3,4,6-                      |                                 |                   |                   |                                   | 3.1E+04                   | 4.6E+04                |                            | 1.8E+04                         |
| 2.0E+01  | H                                 |                                       |                                   |                              |                                   |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 5216-25-1  | Tetrachlorotoluene, p- alpha, alpha, alpha-      | 1.4E-01                         | 2.2E-01           |                   | 8.6E-02                           | 5.1E+02                   | 7.7E+02                |                            | 3.1E+02                         |
|  |                                   |                                       |                                   | 5.0E-04                      | I                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 3689-24-5  | Tetraethyl Dithiopyrophosphate                   |                                 |                   |                   |                                   |                           |                        |                            |                                 |
|  |                                   |                                       |                                   |                              |                                   | 8.0E+01                               | I                                 | V        | 1     |             | 1.1E+03                  | 1.4E+09                               | 1.3E+03                 | 811-97-2   | Tetrafluoroethane, 1,1,1,2-                      |                                 |                   |                   |                                   |                           |                        | 4.6E+05                    | 4.6E+05                         |
|  |                                   |                                       |                                   | 4.0E-03                      | P                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 479-45-8   | Tetryl (Trinitrophenylmethylnitramine)           |                                 |                   |                   |                                   | 4.1E+03                   | 6.2E+03                |                            | 2.5E+03                         |
|  |                                   |                                       |                                   |                              |                                   |                                       |                                   |          | 1     |             | 1.4E+09                  |                                       |                         | 7440-28-0  | Thallium (Soluble Salts)                         |                                 |                   |                   |                                   |                           |                        |                            |                                 |
|  |                                   |                                       |                                   | 1.0E-02                      | I                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 28249-77-6 | Thiobencarb                                      |                                 |                   |                   |                                   | 1.0E+04                   | 1.5E+04                |                            | 6.2E+03                         |
|  |                                   |                                       |                                   | 7.0E-02                      | X                                 |                                       |                                   |          | 1     | 0.008       | 1.4E+09                  |                                       |                         | 111-48-8   | Thiodiglycol                                     |                                 |                   |                   |                                   | 7.2E+04                   | 1.4E+06                |                            | 6.8E+04                         |
|  |                                   |                                       |                                   | 3.0E-04                      | H                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 39196-18-4 | Thiofanox  |                                 |                   |                   |                                   | 3.1E+02                   | 4.6E+02                |                            | 1.8E+02                         |
|  |                                   |                                       |                                   | 8.0E-02                      | I                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 23564-05-8 | Thiophanate, Methyl                              |                                 |                   |                   |                                   | 8.2E+04                   | 1.2E+05                |                            | 4.9E+04                         |
|  |                                   |                                       |                                   | 5.0E-03                      | I                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 137-26-8   | Thiram   |                                 |                   |                   |                                   | 5.1E+03                   | 7.7E+03                |                            | 3.1E+03                         |
|  |                                   |                                       |                                   | 6.0E-01                      | H                                 |                                       |                                   |          | 1     |             | 1.4E+09                  |                                       |                         | 7440-31-5  | Tin  |                                 |                   |                   |                                   | 6.1E+05                   |                        |                            | 6.1E+05                         |
|  |                                   |                                       |                                   |                              |                                   | 1.0E-04                               | A                                 |          | 1     |             | 1.4E+09                  |                                       |                         | 7550-45-0  | Titanium Tetrachloride                           |                                 |                   |                   |                                   |                           |                        | 6.0E+05                    | 6.0E+05                         |
| 1.9E-01  | H                                 |                                       |                                   | 8.0E-02                      | I                                 | 5.0E+00                               | I                                 | V        | 1     |             | 8.2E+02                  | 1.4E+09                               | 4.6E+03                 | 108-88-3   | Toluene  |                                 |                   |                   |                                   | 8.2E+04                   |                        | 1.0E+05                    | 4.5E+04                         |
|  |                                   |                                       |                                   |                              |                                   |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 106-49-0   | Toluidine, p-                                    | 1.5E+01                         | 2.3E+01           |                   | 9.1E+00                           |                           |                        |                            |                                 |
| 1.1E+00  | I                                 | 3.2E-04                               | I                                 |                              |                                   |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 8001-35-2  | Toxaphene  | 2.6E+00                         | 3.9E+00           | 5.2E+04           | 1.6E+00                           |                           |                        |                            |                                 |
|  |                                   |                                       |                                   | 7.5E-03                      | I                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 66841-25-6 | Tralometrin                                      |                                 |                   |                   |                                   | 7.7E+03                   | 1.2E+04                |                            | 4.6E+03                         |
|  |                                   |                                       |                                   | 3.0E-04                      | A                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 688-73-3   | Tri-n-butyltin                                   |                                 |                   |                   |                                   | 3.1E+02                   | 4.6E+02                |                            | 1.8E+02                         |
|  |                                   |                                       |                                   | 1.3E-02                      | I                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 2303-17-5  | Triallate  |                                 |                   |                   |                                   | 1.3E+04                   | 2.0E+04                |                            | 8.0E+03                         |
|  |                                   |                                       |                                   | 1.0E-02                      | I                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 82097-50-5 | Triasulfuron                                     |                                 |                   |                   |                                   | 1.0E+04                   | 1.5E+04                |                            | 6.2E+03                         |
|  |                                   |                                       |                                   | 5.0E-03                      | I                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 615-54-3   | Tribromobenzene, 1,2,4-                          |                                 |                   |                   |                                   | 5.1E+03                   | 7.7E+03                |                            | 3.1E+03                         |
| 9.2E-03  | P                                 |                                       |                                   | 2.0E-01                      | P                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 126-73-8   | Tributyl Phosphate                               | 3.1E+02                         | 4.7E+02           |                   | 1.9E+02                           | 2.0E+05                   | 3.1E+05                |                            | 1.2E+05                         |
|  |                                   |                                       |                                   | 3.0E-04                      | P                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | NA         | Tributyltin Compounds                            |                                 |                   |                   |                                   | 3.1E+02                   | 4.6E+02                |                            | 1.8E+02                         |
|  |                                   |                                       |                                   | 3.0E-04                      | I                                 |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 56-35-9    | Tributyltin Oxide                                |                                 |                   |                   |                                   | 3.1E+02                   | 4.6E+02                |                            | 1.8E+02                         |
|  |                                   |                                       |                                   | 3.0E+01                      | I                                 | 3.0E+01                               | H                                 | V        | 1     |             | 9.1E+02                  | 1.4E+09                               | 1.4E+03                 | 76-13-1    | Trichloro-1,2,2-trifluoroethane, 1,1,2-          |                                 |                   |                   |                                   | 3.1E+07                   |                        | 1.8E+05                    | 1.8E+05                         |
| 2.9E-02  | H                                 |                                       |                                   |                              |                                   |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 76-03-9    | Trichloroacetic Acid                             |                                 |                   |                   |                                   |                           |                        |                            |                                 |
|  |                                   |                                       |                                   |                              |                                   |                                       |                                   |          | 1     | 0.1         | 1.4E+09                  |                                       |                         | 33663-50-2 | Trichloroaniline HCl, 2,4,6-                     |                                 |                   |                   |                                   |                           |                        |                            |                                 |

Regional Screening Level (RSL) Industrial Soil Table November 2010

| Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1 |             |   |             |                                 |             |  |             |              |       |             |                             |                                       |                            |  |            |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |
|---|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------|-------|-------------|-----------------------------|---------------------------------------|----------------------------|--|------------|--------------------------------------|-----------------------------------|---------------------------------------|---|---------------------------------|------------------------------|----------------------------------|---------------------------------------|---------|
| Toxicity and Chemical-specific Information  |             |   |             |                                 |             |  |             |              |       | Contaminant |                             | Carcinogenic Target Risk (TR) = 1E-06 |                            |  |            | Noncancer Hazard Index (HI) = 1      |                                   |                                       |   |                                 |                              |                                  |                                       |         |
| SFO<br>(mg/kg-day) <sup>-1</sup>  | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>0</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>0</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | muta-<br>gen | GIABS | ABS         | C <sub>sat</sub><br>(mg/kg) | PEF<br>(m <sup>3</sup> /kg)           | VF<br>(m <sup>3</sup> /kg) | Analyte                                | CAS No.    | Ingestion SL<br>TR=1.0E-6<br>(mg/kg) | Dermal SL<br>TR=1.0E-6<br>(mg/kg) | Inhalation SL<br>TR=1.0E-6<br>(mg/kg) | Carcinogenic SL<br>TR=1.0E-6<br>(mg/kg) | Ingestion SL<br>HQ=1<br>(mg/kg) | Dermal SL<br>HQ=1<br>(mg/kg) | Inhalation SL<br>HQ=1<br>(mg/kg) | Noncarcinogenic SL<br>HI=1<br>(mg/kg) |         |
| 3.4E-02   | H           |   |             | 8.0E-04                         | X           | 2.0E-03                                  | V           |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Trichloroaniline, 2,4,6-               | 634-93-5   | 8.4E+01                              | 1.3E+02                           |                                       | 5.1E+01                                 |                                 |                              |                                  |                                       |         |
| 2.9E-02   | P           |   |             | 1.0E-02                         | I           | 2.0E-03                                  | P           | V            | 1     |             | 1.5E+02                     | 1.4E+09                               | 3.5E+04                    | Trichlorobenzene, 1,2,3-               | 87-61-6    |                                      |                                   |                                       |   | 8.2E+02                         | 1.2E+03                      |                                  |                                       | 4.9E+02 |
|   |             |   |             | 2.0E+00                         | I           | 5.0E+00                                  | I           | V            | 1     |             | 4.0E+02                     | 1.4E+09                               | 3.2E+04                    | Trichlorobenzene, 1,2,4-               | 120-82-1   | 9.9E+01                              |                                   |                                       | 9.9E+01                                 | 1.0E+04                         |                              | 2.8E+02                          |                                       | 2.7E+02 |
| 5.7E-02   | I           | 1.6E-05                                   | I           | 4.0E-03                         | I           |  | V           |              | 1     |             | 6.4E+02                     | 1.4E+09                               | 1.8E+03                    | Trichloroethane, 1,1,1-                | 71-55-6    |                                      |                                   |                                       |   | 2.0E+06                         |                              | 3.9E+04                          |                                       | 3.8E+04 |
| 5.9E-03   | C           | 2.0E-06                                   | C           |                                 |             |  | V           |              | 1     |             | 2.2E+03                     | 1.4E+09                               | 7.8E+03                    | Trichloroethane, 1,1,2-                | 79-00-5    | 5.0E+01                              |                                   | 6.0E+00                               | 5.3E+00                                 | 4.1E+03                         |                              |                                  |                                       | 4.1E+03 |
|   |             |   |             | 3.0E-01                         | I           | 7.0E-01                                  | H           | V            | 1     |             | 6.9E+02                     | 1.4E+09                               | 2.4E+03                    | Trichloroethylene                      | 79-01-6    | 4.9E+02                              |                                   | 1.5E+01                               | 1.4E+01                                 |                                 |                              |                                  |                                       |         |
| 1.1E-02   | I           | 3.1E-06                                   | I           | 1.0E-01                         | I           | 1.0E-03                                  | P           |              | 1     | 0.1         | 1.2E+03                     | 1.4E+09                               | 1.1E+03                    | Trichlorofluoromethane                 | 75-69-4    |                                      |                                   |                                       |   | 3.1E+05                         |                              | 3.4E+03                          |                                       | 3.4E+03 |
|   |             |   |             | 1.0E-01                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Trichlorophenol, 2,4,5-                | 95-95-4    |                                      |                                   |                                       |   | 1.0E+05                         | 1.5E+05                      |                                  |                                       | 6.2E+04 |
|   |             |   |             | 1.0E-02                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Trichlorophenol, 2,4,6-                | 88-06-2    | 2.6E+02                              | 3.9E+02                           | 5.4E+06                               | 1.6E+02                                 | 1.0E+03                         | 1.5E+03                      |                                  |                                       | 6.2E+02 |
|   |             |   |             | 8.0E-03                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Trichlorophenoxyacetic Acid, 2,4,5-    | 93-76-5    |                                      |                                   |                                       |   | 1.0E+04                         | 1.5E+04                      |                                  |                                       | 6.2E+03 |
|   |             |   |             | 5.0E-03                         | I           |  | V           |              | 1     |             | 1.3E+03                     | 1.4E+09                               | 1.6E+04                    | Trichlorophenoxypropionic acid, -2,4,5 | 93-72-1    |                                      |                                   |                                       |   | 8.2E+03                         | 1.2E+04                      |                                  |                                       | 4.9E+03 |
|   |             |   |             | 3.0E+01                         | I           | 4.0E-03                                  | I           | 3.0E-04      | I     | V           | M                           | 1                                     | 1.4E+03                    | 1.4E+09                                | 1.7E+04    | Trichloropropane, 1,2,3-             | 96-18-4                           | 9.5E-02                               |   | 9.5E-02                         | 4.1E+03                      |                                  | 2.2E+01                               | 2.2E+01 |
|   |             |   |             | 3.0E-03                         | X           | 3.0E-04                                  | P           | V            | 1     |             | 4.5E+02                     | 1.4E+09                               | 2.5E+03                    | Trichloropropene, 1,2,3-               | 96-19-5    |                                      |                                   |                                       |   | 3.1E+03                         |                              | 3.3E+00                          |                                       | 3.3E+00 |
|   |             |   |             | 3.0E-03                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Tridiphane                             | 58138-08-2 |                                      |                                   |                                       |   | 3.1E+03                         | 4.6E+03                      |                                  |                                       | 1.8E+03 |
| 7.7E-03   | I           |   |             | 7.0E-03                         | I           | 7.0E-03                                  | I           | V            | 1     |             | 2.8E+04                     | 1.4E+09                               | 1.7E+04                    | Triethylamine                          | 121-44-8   |                                      |                                   |                                       |   |                                 |                              | 5.2E+02                          |                                       | 5.2E+02 |
| 3.7E-02   | H           |   |             | 7.5E-03                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Trifluralin                            | 1582-09-8  | 3.7E+02                              | 5.6E+02                           |                                       | 2.2E+02                                 | 7.7E+03                         | 1.2E+04                      |                                  |                                       | 4.6E+03 |
|   |             |   |             |                                 |             |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Trimethyl Phosphate                    | 512-56-1   | 7.7E+01                              | 1.2E+02                           |                                       | 4.7E+01                                 |                                 |                              |                                  |                                       |         |
|   |             |   |             | 1.0E-02                         | X           |  | V           |              | 1     |             | 2.2E+02                     | 1.4E+09                               | 8.5E+03                    | Trimethylbenzene, 1,2,4-               | 95-63-6    |                                      |                                   |                                       |   |                                 |                              | 2.6E+02                          |                                       | 2.6E+02 |
|   |             |   |             | 3.0E-02                         | I           |  |             |              | 1     | 0.019       | 1.8E+02                     | 1.4E+09                               | 7.1E+03                    | Trimethylbenzene, 1,3,5-               | 108-67-8   |                                      |                                   |                                       |   | 1.0E+04                         |                              |                                  |                                       | 1.0E+04 |
| 3.0E-02   | I           |   |             | 5.0E-04                         | I           |  |             |              | 1     | 0.032       | 1.4E+09                     |                                       |                            | Trinitrobenzene, 1,3,5-                | 99-35-4    |                                      |                                   |                                       |   | 3.1E+04                         | 2.4E+05                      |                                  |                                       | 2.7E+04 |
|   |             |   |             | 2.0E-02                         | P           |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Trinitrotoluene, 2,4,6-                | 118-96-7   | 9.5E+01                              | 4.5E+02                           |                                       | 7.9E+01                                 | 5.1E+02                         | 2.4E+03                      |                                  |                                       | 4.2E+02 |
|   |             |   |             | 2.0E-02                         | A           |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Triphenylphosphine Oxide               | 791-28-6   |                                      |                                   |                                       |   | 2.0E+04                         | 3.1E+04                      |                                  |                                       | 1.2E+04 |
| 2.0E-02   | P           |   |             | 7.0E-03                         | P           |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Tris(1,3-Dichloro-2-propyl) Phosphate  | 13674-87-8 |                                      |                                   |                                       |   | 2.0E+04                         | 3.1E+04                      |                                  |                                       | 1.2E+04 |
| 3.2E-03   | P           |   |             | 1.0E-01                         | P           |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Tris(2-chloroethyl)phosphate           | 115-96-8   | 1.4E+02                              | 2.2E+02                           |                                       | 8.6E+01                                 | 7.2E+03                         | 1.1E+04                      |                                  |                                       | 4.3E+03 |
|   |             |   |             | 3.0E-03                         | I           | 3.0E-04                                  | A           |              | 1     |             | 1.4E+09                     |                                       |                            | Tris(2-ethylhexyl)phosphate            | 78-42-2    | 8.9E+02                              | 1.4E+03                           |                                       | 5.4E+02                                 | 1.0E+05                         | 1.5E+05                      |                                  |                                       | 6.2E+04 |
| 1.0E+00   | C           | 2.9E-04                                   | C           | 9.0E-03                         | I           | 7.0E-06                                  | P           |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Uranium (Soluble Salts)                | NA         | 2.9E+00                              | 4.3E+00                           | 5.7E+04                               | 1.7E+00                                 | 3.1E+03                         |                              | 1.8E+06                          |                                       | 3.1E+03 |
|   |             | 8.3E-03                                   | P           | 2.0E-02                         | H           |  |             |              | 0.026 |             | 1.4E+09                     |                                       |                            | Urethane                               | 51-79-6    |                                      |                                   | 2.0E+03                               | 2.0E+03                                 | 9.2E+03                         |                              | 4.2E+04                          |                                       | 7.5E+03 |
|   |             |   |             | 5.0E-03                         | S           |  |             |              | 1     |             | 1.4E+09                     |                                       |                            | Vanadium Pentoxide                     | 1314-62-1  |                                      |                                   |                                       |   | 2.0E+04                         |                              |                                  |                                       | 2.0E+04 |
|   |             |   |             | 7.0E-05                         | P           | 1.0E-04                                  | A           |              | 0.026 |             | 1.4E+09                     |                                       |                            | Vanadium Sulfate                       | 36907-42-3 |                                      |                                   |                                       |   |                                 |                              |                                  |                                       |         |
|   |             |   |             | 1.0E-03                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Vanadium and Compounds                 | NA         |                                      |                                   |                                       |   | 5.2E+03                         |                              |                                  |                                       | 5.2E+03 |
|   |             |   |             | 2.5E-02                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Vanadium, Metallic                     | 7440-62-2  |                                      |                                   |                                       |   | 7.2E+01                         |                              | 6.0E+05                          |                                       | 7.2E+01 |
|   |             |   |             | 1.0E+00                         | H           | 2.0E-01                                  | I           | V            | 1     |             | 2.8E+03                     | 1.4E+09                               | 4.7E+03                    | Vernolate                              | 1929-77-7  |                                      |                                   |                                       |   | 1.0E+03                         | 1.5E+03                      |                                  |                                       | 6.2E+02 |
|   |             |   |             | 3.2E-05                         | H           |  |             |              | 1     |             | 3.4E+03                     | 1.4E+09                               | 1.5E+03                    | Vincolozolin                           | 50471-44-8 |                                      |                                   |                                       |   | 2.6E+04                         | 3.9E+04                      |                                  |                                       | 1.5E+04 |
|   |             |   |             | 3.0E-03                         | I           | 1.0E-01                                  | I           | V            | 1     |             | 3.9E+03                     | 1.4E+09                               | 1.0E+03                    | Vinyl Acetate                          | 108-05-4   |                                      |                                   |                                       |   | 1.0E+06                         |                              | 4.1E+03                          |                                       | 4.1E+03 |
| 7.2E-01   | I           | 4.4E-06                                   | I           | 3.0E-04                         | I           | 1.0E-01                                  | I           | V            | 1     | 0.1         | 1.4E+09                     |                                       |                            | Vinyl Bromide                          | 593-60-2   |                                      |                                   | 5.6E-01                               | 5.6E-01                                 |                                 |                              | 1.9E+01                          |                                       | 1.9E+01 |
|   |             |   |             | 3.0E-04                         | I           |  |             |              | 1     |             | 1.4E+09                     |                                       |                            | Vinyl Chloride                         | 75-01-4    | 4.0E+00                              |                                   | 2.9E+00                               | 1.7E+00                                 | 3.1E+03                         |                              | 4.5E+02                          |                                       | 3.9E+02 |
|   |             |   |             | 2.0E-01                         | I           | 1.0E-01                                  | I           | V            | 1     |             | 2.6E+02                     | 1.4E+09                               | 6.3E+03                    | Warfarin                               | 81-81-2    |                                      |                                   |                                       |   | 3.1E+02                         | 4.6E+02                      |                                  |                                       | 1.8E+02 |
|   |             |   |             | 2.0E-01                         | S           | 7.0E-01                                  | C           | V            | 1     |             | 3.9E+02                     | 1.4E+09                               | 6.0E+03                    | Xylene, Mixture                        | 1330-20-7  |                                      |                                   |                                       |   | 2.0E+05                         |                              | 2.7E+03                          |                                       | 2.7E+03 |
|   |             |   |             | 2.0E-01                         | S           | 7.0E-01                                  | C           | V            | 1     |             | 3.9E+02                     | 1.4E+09                               | 6.0E+03                    | Xylene, P-                             | 106-42-3   |                                      |                                   |                                       |   | 2.0E+05                         |                              | 1.8E+04                          |                                       | 1.7E+04 |
|   |             |   |             | 2.0E-01                         | S           | 7.0E-01                                  | C           | V            | 1     |             | 4.3E+02                     | 1.4E+09                               | 7.0E+03                    | Xylene, m-                             | 108-38-3   |                                      |                                   |                                       |   | 2.0E+05                         |                              | 1.8E+04                          |                                       | 1.7E+04 |
|   |             |   |             | 3.0E-01                         | I           |  |             |              | 1     |             | 1.4E+09                     |                                       |                            | Xylene, o-                             | 95-47-6    |                                      |                                   |                                       |   | 2.0E+05                         |                              | 2.1E+04                          |                                       | 1.9E+04 |
|   |             |   |             | 3.0E-04                         | I           |  |             |              | 1     |             | 1.4E+09                     |                                       |                            | Zinc (Metallic)                        | 7440-66-6  |                                      |                                   |                                       |   | 3.1E+05                         |                              |                                  |                                       | 3.1E+05 |
|   |             |   |             | 5.0E-02                         | I           |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Zinc Phosphide                         | 1314-84-7  |                                      |                                   |                                       |   | 3.1E+02                         |                              |                                  |                                       | 3.1E+02 |
|   |             |   |             |                                 |             |  |             |              | 1     | 0.1         | 1.4E+09                     |                                       |                            | Zineb                                  | 12122-67-7 |                                      |                                   |                                       |   | 5.1E+04                         | 7.7E+04                      |                                  |                                       | 3.1E+04 |

Regional Screening Level (RSL) Resident Air Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |  |             |                                      | Contaminant  |                             | Carcinogenic Target Risk (TR) = 1E-06 | Noncancer Hazard Index (HI) = 1    |                                    |
|--|-------------|--|-------------|--------------------------------------|--------------|-----------------------------|---------------------------------------|------------------------------------|------------------------------------|
| IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup>  | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte                     | CAS No.                               | Inhalation<br>(ug/m <sup>3</sup> ) | Inhalation<br>(ug/m <sup>3</sup> ) |
| 5.1E-06                                    | C           |  |             |                                      |              | ALAR                        | 1596-84-5                             | 4.8E-01                            |                                    |
| 2.2E-06                                    | I           | 9.0E-03                                  | I           | V                                    |              | Acephate                    | 30560-19-1                            | 1.1E+00                            | 9.4E+00                            |
|  |             |  |             |                                      |              | Acetaldehyde                | 75-07-0                               |                                    |                                    |
|  |             | 3.1E+01                                  | A           | V                                    |              | Acetochlor                  | 34256-82-1                            |                                    |                                    |
|  |             | 6.0E-02                                  | P           | V                                    |              | Acetone                     | 67-64-1                               |                                    | 3.2E+04                            |
|  |             |  |             |                                      |              | Acetone Cyanohydrin         | 75-86-5                               |                                    | 6.3E+01                            |
|  |             | 6.0E-02                                  | I           | V                                    |              | Acetonitrile                | 75-05-8                               |                                    | 6.3E+01                            |
| 1.3E-03                                    | C           |  |             |                                      |              | Acetophenone                | 98-86-2                               |                                    |                                    |
|  |             |  |             |                                      |              | Acetylaminofluorene, 2-     | 53-96-3                               | 1.9E-03                            |                                    |
|  |             | 2.0E-05                                  | I           | V                                    |              | Acrolein                    | 107-02-8                              |                                    | 2.1E-02                            |
| 1.0E-04                                    | I           | 6.0E-03                                  | I           |                                      | M            | Acrylamide                  | 79-06-1                               | 9.6E-03                            | 6.3E+00                            |
|  |             | 1.0E-03                                  | I           |                                      |              | Acrylic Acid                | 79-10-7                               |                                    | 1.0E+00                            |
|  |             | 2.0E-03                                  | I           | V                                    |              | Acrylonitrile               | 107-13-1                              | 3.6E-02                            | 2.1E+00                            |
| 6.8E-05                                    | I           | 2.0E-03                                  | I           | V                                    |              | Adiponitrile                | 111-69-3                              |                                    | 6.3E+00                            |
|  |             | 6.0E-03                                  | P           |                                      |              | Alachlor                    | 15972-60-8                            |                                    |                                    |
|  |             |  |             |                                      |              | Aldicarb                    | 116-06-3                              |                                    |                                    |
| 4.9E-03                                    | I           |  |             |                                      |              | Aldicarb Sulfone            | 1646-88-4                             |                                    |                                    |
|  |             |  |             |                                      |              | Aldrin                      | 309-00-2                              | 5.0E-04                            |                                    |
|  |             | 1.0E-04                                  | X           |                                      |              | Allyl                       | 74223-64-6                            |                                    |                                    |
| 6.0E-06                                    | C           | 1.0E-03                                  | I           | V                                    |              | Allyl Alcohol               | 107-18-6                              | 4.1E-01                            | 1.0E-01                            |
|  |             |  |             |                                      |              | Allyl Chloride              | 107-05-1                              |                                    | 1.0E+00                            |
|  |             | 5.0E-03                                  | P           |                                      |              | Aluminum                    | 7429-90-5                             |                                    | 5.2E+00                            |
|  |             |  |             |                                      |              | Aluminum Phosphide          | 20859-73-8                            |                                    |                                    |
|  |             |  |             |                                      |              | Amdro                       | 67485-29-4                            |                                    |                                    |
| 6.0E-03                                    | C           |  |             |                                      |              | Ametryn                     | 834-12-8                              | 4.1E-04                            |                                    |
|  |             |  |             |                                      |              | Aminobiphenyl, 4-           | 92-67-1                               |                                    |                                    |
|  |             |  |             |                                      |              | Aminophenol, m-             | 591-27-5                              |                                    |                                    |
|  |             |  |             |                                      |              | Aminophenol, p-             | 123-30-8                              |                                    |                                    |
|  |             | 1.0E-01                                  | I           |                                      |              | Amitraz                     | 33089-61-1                            |                                    | 1.0E+02                            |
|  |             |  |             |                                      |              | Ammonia                     | 7664-41-7                             |                                    |                                    |
|  |             |  |             |                                      |              | Ammonium Perchlorate        | 7790-98-9                             |                                    |                                    |
| 1.6E-06                                    | C           | 1.0E-03                                  | I           |                                      |              | Ammonium Sulfamate          | 7773-06-0                             | 1.5E+00                            | 1.0E+00                            |
|  |             |  |             |                                      |              | Aniline                     | 62-53-3                               |                                    |                                    |
|  |             |  |             |                                      |              | Antimony (metallic)         | 7440-36-0                             |                                    |                                    |
|  |             |  |             |                                      |              | Antimony Pentoxide          | 1314-60-9                             |                                    |                                    |
|  |             |  |             |                                      |              | Antimony Potassium Tartrate | 11071-15-1                            |                                    |                                    |
|  |             | 2.0E-04                                  | I           |                                      |              | Antimony Tetroxide          | 1332-81-6                             |                                    | 2.1E-01                            |
|  |             |  |             |                                      |              | Antimony Trioxide           | 1309-64-4                             |                                    |                                    |
|  |             |  |             |                                      |              | Apollo                      | 74115-24-5                            |                                    |                                    |
| 7.1E-06                                    | I           |  |             |                                      |              | Aramite                     | 140-57-8                              | 3.4E-01                            |                                    |
| 4.3E-03                                    | I           | 1.5E-05                                  | C           |                                      |              | Arsenic, Inorganic          | 7440-38-2                             | 5.7E-04                            | 1.6E-02                            |
|  |             | 5.0E-05                                  | I           |                                      |              | Arsine                      | 7784-42-1                             |                                    | 5.2E-02                            |
|  |             |  |             |                                      |              | Assure                      | 76578-14-8                            |                                    |                                    |
|  |             |  |             |                                      |              | Asulam                      | 3337-71-1                             |                                    |                                    |
|  |             |  |             |                                      |              | Atrazine                    | 1912-24-9                             |                                    |                                    |
| 2.5E-04                                    | C           |  |             |                                      |              | Auramine                    | 492-80-8                              | 9.7E-03                            |                                    |
| 3.1E-05                                    | I           |  |             | V                                    |              | Avermectin B1               | 65195-55-3                            | 7.8E-02                            |                                    |
|  |             | 5.0E-04                                  | H           |                                      |              | Azobenzene                  | 103-33-3                              |                                    |                                    |
|  |             |  |             |                                      |              | Barium                      | 7440-39-3                             |                                    | 5.2E-01                            |
|  |             |  |             |                                      |              | Baygon                      | 114-26-1                              |                                    |                                    |
|  |             |  |             |                                      |              | Bayleton                    | 43121-43-3                            |                                    |                                    |
|  |             |  |             |                                      |              | Baythroid                   | 68359-37-5                            |                                    |                                    |
|  |             |  |             |                                      |              | Benefin                     | 1861-40-1                             |                                    |                                    |
|  |             |  |             |                                      |              | Benomyl                     | 17804-35-2                            |                                    |                                    |
|  |             |  |             |                                      |              | Bentazon                    | 25057-89-0                            |                                    |                                    |
| 7.8E-06                                    | I           | 3.0E-02                                  | I           | V                                    |              | Benzaldehyde                | 100-52-7                              | 3.1E-01                            | 3.1E+01                            |
|  |             |  |             |                                      |              | Benzene                     | 71-43-2                               |                                    |                                    |
|  |             |  |             |                                      |              | Benzenethiol                | 108-98-5                              |                                    |                                    |
| 6.7E-02                                    | I           |  |             |                                      | M            | Benidine                    | 92-87-5                               | 1.4E-05                            |                                    |
|  |             |  |             |                                      |              | Benzoic Acid                | 65-85-0                               |                                    |                                    |
|  |             |  |             |                                      |              | Benzoic Chloride            | 98-07-7                               |                                    |                                    |
| 4.9E-05                                    | C           | 1.0E-03                                  | P           | V                                    |              | Benzyl Alcohol              | 100-51-6                              | 5.0E-02                            | 1.0E+00                            |
|  |             |  |             |                                      |              | Benzyl Chloride             | 100-44-7                              |                                    |                                    |

Regional Screening Level (RSL) Resident Air Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |  |             |                                      | Contaminant  |   | Carcinogenic Target Risk (TR) = 1E-06 | Noncancer Hazard Index (HI) = 1    |                                    |
|--|-------------|--|-------------|--------------------------------------|--------------|---|---------------------------------------|------------------------------------|------------------------------------|
| IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup>  | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>u<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte   | CAS No.                               | Inhalation<br>(ug/m <sup>3</sup> ) | Inhalation<br>(ug/m <sup>3</sup> ) |
| 2.4E-03                                    | I           | 2.0E-05                                  | I           |                                      |              | Beryllium and compounds<br>Bidrin<br>Bifenox  | 7440-41-7<br>141-66-2<br>42576-02-3   | 1.0E-03                            | 2.1E-02                            |
| 1.0E-05                                    | H           |  |             | V                                    |              | Biphenanthrin<br>Biphenyl, 1,1'-<br>Bis(2-chloro-1-methylethyl) ether               | 82657-04-3<br>92-52-4<br>108-60-1     | 2.4E-01                            |                                    |
| 3.3E-04<br>2.4E-06                         | I<br>C      |  |             | V                                    |              | Bis(2-chloroethoxy)methane<br>Bis(2-chloroethyl)ether<br>Bis(2-ethylhexyl)phthalate | 111-91-1<br>111-44-4<br>117-81-7      | 7.4E-03<br>1.0E+00                 |                                    |
| 6.2E-02                                    | I           |  |             | V                                    |              | Bis(chloromethyl)ether<br>Bisphenol A<br>Boron And Borates Only                     | 542-88-1<br>80-05-7<br>7440-42-8      | 3.9E-05                            | 2.1E+01                            |
|  |             | 2.0E-02                                  | H           |                                      |              |   |                                       |                                    |                                    |
|  |             | 1.3E-02                                  | C           |                                      |              | Boron Trifluoride<br>Bromate<br>Bromo-2-chloroethane, 1-                            | 7637-07-2<br>15541-45-4<br>107-04-0   | 4.1E-03                            | 1.4E+01                            |
| 6.0E-04                                    | X           |  |             | V                                    |              |   |                                       |                                    |                                    |
|  |             | 6.0E-02                                  | I           | V                                    |              | Bromobenzene<br>Bromodichloromethane<br>Bromoform                                   | 108-86-1<br>75-27-4<br>75-25-2        | 6.6E-02<br>2.2E+00                 | 6.3E+01                            |
| 3.7E-05<br>1.1E-06                         | C<br>I      |  |             | V                                    |              |   |                                       |                                    |                                    |
|  |             | 5.0E-03                                  | I           | V                                    |              | Bromomethane<br>Bromophos<br>Bromoxynil   | 74-83-9<br>2104-96-3<br>1689-84-5     |                                    | 5.2E+00                            |
| 3.0E-05                                    | I           | 2.0E-03                                  | I           | V                                    |              | Bromoxynil Octanoate<br>Butadiene, 1,3-<br>Butanol, N-                              | 1689-99-2<br>106-99-0<br>71-36-3      | 8.1E-02                            | 2.1E+00                            |
|  |             | 3.0E+01                                  | P           |                                      |              | Butyl Benzyl Phthlate<br>Butyl alcohol, sec-<br>Butylate                            | 85-68-7<br>78-92-2<br>2008-41-5       |                                    | 3.1E+04                            |
| 5.7E-08                                    | C           |  |             |                                      |              | Butylated hydroxyanisole<br>Butylphthalyl Butylglycolate<br>Cacodylic Acid          | 25013-16-5<br>85-70-1<br>75-60-5      | 4.3E+01                            |                                    |
| 1.8E-03<br>1.8E-03                         | I<br>I      | 1.0E-05<br>1.0E-05                       | A<br>A      |                                      |              | Cadmium (Diet)<br>Cadmium (Water)<br>Caprolactam                                    | 7440-43-9<br>7440-43-9<br>105-60-2    | 1.4E-03                            | 1.0E-02                            |
| 4.3E-05<br>6.6E-07                         | C<br>C      |  |             |                                      |              | Captafol<br>Captan<br>Carbaryl  | 2425-06-1<br>133-06-2<br>63-25-2      | 5.7E-02<br>3.7E+00                 |                                    |
|  |             | 7.0E-01                                  | I           | V                                    |              | Carbofuran<br>Carbon Disulfide<br>Carbon Tetrachloride                              | 1563-66-2<br>75-15-0<br>56-23-5       |                                    | 7.3E+02<br>1.0E+02                 |
| 6.0E-06                                    | I           | 1.0E-01                                  | I           | V                                    |              |   |                                       |                                    |                                    |
|  |             | 9.0E-04                                  | I           |                                      |              | Carbosulfan<br>Carboxin<br>Ceric oxide  | 55285-14-8<br>5234-68-4<br>1306-38-3  |                                    | 9.4E-01                            |
|  |             |  |             |                                      |              | Chloral Hydrate<br>Chloramben<br>Chloranil  | 302-17-0<br>133-90-4<br>118-75-2      |                                    |                                    |
| 1.0E-04<br>4.6E-03                         | I<br>C      | 7.0E-04                                  | I           |                                      |              | Chlordane<br>Chlordecone (Kepone)<br>Chlorfenvinphos                                | 12789-03-6<br>143-50-0<br>470-90-6    | 2.4E-02<br>5.3E-04                 | 7.3E-01                            |
|  |             | 1.5E-04<br>2.0E-04                       | A<br>I      |                                      |              | Chlorimuron, Ethyl-<br>Chlorine<br>Chlorine Dioxide                                 | 90982-32-4<br>7782-50-5<br>10049-04-4 |                                    | 1.5E-01<br>2.1E-01                 |
|  |             | 5.0E+01                                  | I           | V                                    |              | Chlorite (Sodium Salt)<br>Chloro-1,1-difluoroethane, 1-<br>Chloro-1,3-butadiene, 2- | 7758-19-2<br>75-68-3<br>126-99-8      | 8.1E-03                            | 5.2E+04<br>2.1E+01                 |
| 3.0E-04                                    | I           | 2.0E-02                                  | I           | V                                    |              |   |                                       |                                    |                                    |
|  |             |  |             |                                      |              | Chloro-2-methylaniline HCl, 4-<br>Chloroacetaldehyde, 2-<br>Chloroacetic Acid       | 3165-93-3<br>107-20-0<br>79-11-8      |                                    |                                    |
|  |             | 3.0E-05                                  | I           |                                      |              | Chloroacetophenone, 2-<br>Chloroaniline, p-<br>Chlorobenzene                        | 532-27-4<br>106-47-8<br>108-90-7      |                                    | 3.1E-02<br>5.2E+01                 |
| 3.1E-05                                    | C           |  |             |                                      |              | Chlorobenzilate<br>Chlorobenzoic Acid, p-<br>Chlorobenzotrifluoride, 4-             | 510-15-6<br>74-11-3<br>98-56-6        | 7.8E-02                            | 3.1E+02                            |
|  |             | 3.0E-01                                  | P           | V                                    |              |   |                                       |                                    |                                    |

Regional Screening Level (RSL) Resident Air Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |  |             |                                      | Contaminant  |  | Carcinogenic Target Risk (TR) = 1E-06 | Noncancer Hazard Index (HI) = 1    |                                    |
|--|-------------|--|-------------|--------------------------------------|--------------|--|---------------------------------------|------------------------------------|------------------------------------|
| IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup>  | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>u<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte  | CAS No.                               | Inhalation<br>(ug/m <sup>3</sup> ) | Inhalation<br>(ug/m <sup>3</sup> ) |
| 2.3E-05                                    | I           | 5.0E+01                                  | I           | V                                    | A            | Chlorobutane, 1-   | 109-69-3                              | 1.1E-01                            | 5.2E+04                            |
|  |             |  |             |                                      |              | Chlorodifluoromethane  | 75-45-6                               |                                    |                                    |
|  |             |  |             |                                      |              | Chloroform   | 67-66-3                               |                                    |                                    |
| 6.9E-04                                    | C           | 9.0E-02                                  | I           | V                                    | A            | Chloromethane  | 74-87-3                               | 3.5E-03                            | 9.4E+01                            |
|  |             |  |             |                                      |              | Chloromethyl Methyl Ether                                    | 107-30-2                              |                                    |                                    |
|  |             |  |             |                                      |              | Chloronaphthalene, Beta-                                     | 91-58-7                               |                                    |                                    |
| 6.0E-04                                    | P           | 1.0E-05                                  | X           | V                                    | A            | Chloronitrobenzene, o-                                       | 88-73-3                               | 1.0E-02                            | 6.3E-01                            |
|  |             |  |             |                                      |              | Chloronitrobenzene, p-                                       | 100-00-5                              |                                    |                                    |
|  |             |  |             |                                      |              | Chlorophenol, 2-   | 95-57-8                               |                                    |                                    |
| 8.9E-07                                    | C           | 4.0E-04                                  | C           | V                                    | M            | Chloropicrin   | 76-06-2                               | 2.7E+00                            | 4.2E-01                            |
|  |             |  |             |                                      |              | Chloroethalonil  | 1897-45-6                             |                                    |                                    |
|  |             |  |             |                                      |              | Chlorotoluene, o-  | 95-49-8                               |                                    |                                    |
| 6.9E-02                                    | C           | V  | V           | V                                    | M            | Chlorotoluene, p-  | 106-43-4                              | 3.5E-05                            |                                    |
|  |             |  |             |                                      |              | Chlorozotocin  | 54749-90-5                            |                                    |                                    |
|  |             |  |             |                                      |              | Chlorpropham   | 101-21-3                              |                                    |                                    |
| 8.4E-02                                    | S           | 1.0E-04                                  | I           | M                                    | M            | Chlorpyrifos   | 2921-88-2                             | 1.1E-05                            | 1.0E-01                            |
|  |             |  |             |                                      |              | Chlorpyrifos Methyl  | 5598-13-0                             |                                    |                                    |
|  |             |  |             |                                      |              | Chlorsulfuron  | 64902-72-3                            |                                    |                                    |
| 9.0E-03                                    | P           | 6.0E-06                                  | P           | M                                    | M            | Chlorthiophos  | 60238-56-4                            | 2.7E-04                            | 6.3E-03                            |
|  |             |  |             |                                      |              | Chromium(III), Insoluble Salts                               | 16065-83-1                            |                                    |                                    |
|  |             |  |             |                                      |              | Chromium(VI)   | 18540-29-9                            |                                    |                                    |
| 6.2E-04                                    | I           | 6.0E-01                                  | C           | C                                    | M            | Cobalt   | 7440-48-4                             | 1.5E-03                            |                                    |
|  |             |  |             |                                      |              | Coke Oven Emissions  | 8007-45-2                             |                                    |                                    |
|  |             |  |             |                                      |              | Copper   | 7440-50-8                             |                                    |                                    |
| 6.0E-01                                    | C           | 6.0E-01                                  | C           | C                                    | M            | Cresol, m-   | 108-39-4                              | 6.3E+02                            | 6.3E+02                            |
|  |             |  |             |                                      |              | Cresol, o-   | 95-48-7                               |                                    |                                    |
|  |             |  |             |                                      |              | Cresol, p-   | 106-44-5                              |                                    |                                    |
| 6.0E-01                                    | C           | 6.0E-01                                  | C           | V                                    | M            | Cresol, p-chloro-m-  | 59-50-7                               | 6.3E+02                            | 6.3E+02                            |
|  |             |  |             |                                      |              | Cresols  | 1319-77-3                             |                                    |                                    |
|  |             |  |             |                                      |              | Crotonaldehyde, trans-                                       | 123-73-9                              |                                    |                                    |
| 6.3E-05                                    | C           | 4.0E-01                                  | I           | V                                    | M            | Cumene   | 98-82-8                               | 3.9E-02                            | 4.2E+02                            |
|  |             |  |             |                                      |              | Cupferron  | 135-20-6                              |                                    |                                    |
|  |             |  |             |                                      |              | Cyanazine  | 21725-46-2                            |                                    |                                    |
| 8.0E-04                                    | I           | V  | V           | V                                    | M            | ~Calcium Cyanide   | 592-01-8                              | 8.3E-01                            |                                    |
|  |             |  |             |                                      |              | ~Copper Cyanide  | 544-92-3                              |                                    |                                    |
|  |             |  |             |                                      |              | ~Cyanide (CN-)   | 57-12-5                               |                                    |                                    |
| 8.0E-04                                    | I           | V  | V           | V                                    | M            | ~Cyanogen  | 460-19-5                              | 8.3E-01                            |                                    |
|  |             |  |             |                                      |              | ~Cyanogen Bromide  | 506-68-3                              |                                    |                                    |
|  |             |  |             |                                      |              | ~Cyanogen Chloride   | 506-77-4                              |                                    |                                    |
| 6.0E+00                                    | I           | V  | V           | V                                    | M            | ~Hydrogen Cyanide  | 74-90-8                               | 8.3E-01                            |                                    |
|  |             |  |             |                                      |              | ~Potassium Cyanide   | 151-50-8                              |                                    |                                    |
|  |             |  |             |                                      |              | ~Potassium Silver Cyanide                                    | 506-61-6                              |                                    |                                    |
| 6.0E+00                                    | I           | V  | V           | V                                    | M            | ~Silver Cyanide  | 506-64-9                              | 8.3E-01                            |                                    |
|  |             |  |             |                                      |              | ~Sodium Cyanide  | 143-33-9                              |                                    |                                    |
|  |             |  |             |                                      |              | ~Thiocyanate   | 463-56-9                              |                                    |                                    |
| 6.0E+00                                    | I           | V  | V           | V                                    | M            | ~Zinc Cyanide  | 557-21-1                              | 8.3E-01                            |                                    |
|  |             |  |             |                                      |              | Cyclohexane  | 110-82-7                              |                                    |                                    |
|  |             |  |             |                                      |              | Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-                  | 87-84-3                               |                                    |                                    |
| 6.9E-05                                    | C           | 9.7E-05                                  | C           | I                                    | M            | Cyclohexanone  | 108-94-1                              | 3.5E-02                            | 2.5E-02                            |
|  |             |  |             |                                      |              | Cyclohexylamine  | 108-91-8                              |                                    |                                    |
|  |             |  |             |                                      |              | Cyhalothrin/karate   | 68085-85-8                            |                                    |                                    |
| 9.7E-05                                    | I           | 9.7E-05                                  | C           | I                                    | M            | Cypermethrin   | 52315-07-8                            | 2.5E-02                            |                                    |
|  |             |  |             |                                      |              | Cyromazine   | 66215-27-8                            |                                    |                                    |
|  |             |  |             |                                      |              | DDD  | 72-54-8                               |                                    |                                    |
| 9.7E-05                                    | I           | 9.7E-05                                  | C           | I                                    | M            | DDE, p,p'-   | 72-55-9                               | 2.5E-02                            |                                    |
|  |             |  |             |                                      |              | DDT  | 50-29-3                               |                                    |                                    |
|  |             |  |             |                                      |              | Dacthal  | 1861-32-1                             |                                    |                                    |
| 9.7E-05                                    | I           | 9.7E-05                                  | C           | I                                    | M            | Dalapon  | 75-99-0                               | 2.5E-02                            |                                    |
|  |             |  |             |                                      |              | Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209) | 1163-19-5                             |                                    |                                    |
|  |             |  |             |                                      |              | Demeton  | 8065-48-3                             |                                    |                                    |
| 9.7E-05                                    | I           | 9.7E-05                                  | C           | I                                    | M            | Di(2-ethylhexyl)adipate                                      | 103-23-1                              | 2.5E-02                            |                                    |



Regional Screening Level (RSL) Resident Air Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |  |             |                                      |              | Contaminant                            |            | Carcinogenic Target Risk (TR) = 1E-06 | Noncancer Hazard Index (HI) = 1    |
|--|-------------|--|-------------|--------------------------------------|--------------|--|------------|---------------------------------------|------------------------------------|
| IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup>  | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte                                | CAS No.    | Inhalation<br>(ug/m <sup>3</sup> )    | Inhalation<br>(ug/m <sup>3</sup> ) |
| 6.0E-03                                    | P           | 2.0E-04                                  | I           | V                                    | M            | Diallate                               | 2303-16-4  |                                       |                                    |
|  |             |  |             |                                      |              | Diazinon                               | 333-41-5   |                                       |                                    |
|  |             |  |             |                                      |              | Dibromo-3-chloropropane, 1,2-          | 96-12-8    | 1.6E-04                               | 2.1E-01                            |
| 2.7E-05                                    | C           |  |             | V                                    |              | Dibromobenzene, 1,4-                   | 106-37-6   |                                       |                                    |
| 6.0E-04                                    | I           | 9.0E-03                                  | I           | V                                    |              | Dibromochloromethane                   | 124-48-1   | 9.0E-02                               |                                    |
|  |             |  |             |                                      |              | Dibromoethane, 1,2-                    | 106-93-4   | 4.1E-03                               | 9.4E+00                            |
|  |             | 4.0E-03                                  | X           | V                                    |              | Dibromomethane (Methylene Bromide)     | 74-95-3    |                                       | 4.2E+00                            |
|  |             |  |             |                                      |              | Dibutyl Phthalate                      | 84-74-2    |                                       |                                    |
|  |             |  |             |                                      |              | Dibutyltin Compounds                   | NA         |                                       |                                    |
| 4.2E-03                                    | P           |  |             | V                                    |              | Dicamba                                | 1918-00-9  |                                       |                                    |
| 4.2E-03                                    | P           |  |             | V                                    |              | Dichloro-2-butene, 1,4-                | 764-41-0   | 5.8E-04                               |                                    |
|  |             |  |             |                                      |              | Dichloro-2-butene, cis-1,4-            | 1476-11-5  | 5.8E-04                               |                                    |
| 4.2E-03                                    | P           |  |             | V                                    |              | Dichloro-2-butene, trans-1,4-          | 110-57-6   | 5.8E-04                               |                                    |
|  |             | 2.0E-01                                  | H           | V                                    |              | Dichloroacetic Acid                    | 79-43-6    |                                       |                                    |
|  |             |  |             |                                      |              | Dichlorobenzene, 1,2-                  | 95-50-1    |                                       | 2.1E+02                            |
| 1.1E-05                                    | C           | 8.0E-01                                  | I           | V                                    |              | Dichlorobenzene, 1,4-                  | 106-46-7   | 2.2E-01                               | 8.3E+02                            |
| 3.4E-04                                    | C           |  |             |                                      |              | Dichlorobenzidine, 3,3'-               | 91-94-1    | 7.2E-03                               |                                    |
|  |             |  |             |                                      |              | Dichlorobenzophenone, 4,4'-            | 90-98-2    |                                       |                                    |
|  |             | 2.0E-01                                  | H           | V                                    |              | Dichlorodifluoromethane                | 75-71-8    |                                       | 2.1E+02                            |
| 1.6E-06                                    | C           |  |             | V                                    |              | Dichloroethane, 1,1-                   | 75-34-3    | 1.5E+00                               |                                    |
| 2.6E-05                                    | I           | 2.4E+00                                  | A           | V                                    |              | Dichloroethane, 1,2-                   | 107-06-2   | 9.4E-02                               | 2.5E+03                            |
|  |             | 2.0E-01                                  | I           | V                                    |              | Dichloroethylene, 1,1-                 | 75-35-4    |                                       | 2.1E+02                            |
|  |             |  |             | V                                    |              | Dichloroethylene, 1,2- (Mixed Isomers) | 540-59-0   |                                       |                                    |
|  |             |  |             | V                                    |              | Dichloroethylene, 1,2-cis-             | 156-59-2   |                                       |                                    |
|  |             | 6.0E-02                                  | P           | V                                    |              | Dichloroethylene, 1,2-trans-           | 156-60-5   |                                       | 6.3E+01                            |
|  |             |  |             |                                      |              | Dichlorophenol, 2,4-                   | 120-83-2   |                                       |                                    |
|  |             |  |             |                                      |              | Dichlorophenoxy Acetic Acid, 2,4-      | 94-75-7    |                                       |                                    |
| 1.0E-05                                    | C           | 4.0E-03                                  | I           | V                                    |              | Dichlorophenoxybutyric Acid, 4-(2,4-   | 94-82-6    |                                       |                                    |
|  |             |  |             | V                                    |              | Dichloropropane, 1,2-                  | 78-87-5    | 2.4E-01                               | 4.2E+00                            |
|  |             |  |             |                                      |              | Dichloropropane, 1,3-                  | 142-28-9   |                                       |                                    |
| 4.0E-06                                    | I           | 2.0E-02                                  | I           | V                                    |              | Dichloropropanol, 2,3-                 | 616-23-9   | 6.1E-01                               | 2.1E+01                            |
| 8.3E-05                                    | C           | 5.0E-04                                  | I           |                                      |              | Dichloropropene, 1,3-                  | 542-75-6   | 2.9E-02                               | 5.2E-01                            |
|  |             |  |             |                                      |              | Dichlorvos                             | 62-73-7    |                                       |                                    |
|  |             | 7.0E-03                                  | P           | V                                    |              | Dicyclopentadiene                      | 77-73-6    |                                       | 7.3E+00                            |
| 4.6E-03                                    | I           |  |             |                                      |              | Dieldrin                               | 60-57-1    | 5.3E-04                               |                                    |
| 3.0E-04                                    | C           | 5.0E-03                                  | I           |                                      |              | Diesel Engine Exhaust                  | NA         | 8.1E-03                               | 5.2E+00                            |
|  |             | 3.0E-03                                  | C           |                                      |              | Diethanolamine                         | 111-42-2   |                                       | 3.1E+00                            |
|  |             |  |             |                                      |              | Diethyl Phthalate                      | 84-66-2    |                                       |                                    |
|  |             | 1.0E-04                                  | P           |                                      |              | Diethylene Glycol Monobutyl Ether      | 112-34-5   |                                       | 1.0E-01                            |
|  |             | 3.0E-04                                  | P           |                                      |              | Diethylene Glycol Monoethyl Ether      | 111-90-0   |                                       | 3.1E-01                            |
| 1.0E-01                                    | C           |  |             |                                      |              | Diethylformamide                       | 617-84-5   |                                       |                                    |
|  |             |  |             |                                      |              | Diethylstilbestrol                     | 56-53-1    | 2.4E-05                               |                                    |
|  |             | 4.0E+01                                  | I           | V                                    |              | Difenzoquat                            | 43222-48-6 |                                       |                                    |
|  |             |  |             |                                      |              | Difflubenzuron                         | 35367-38-5 |                                       |                                    |
| 1.3E-05                                    | C           |  |             |                                      |              | Difluoroethane, 1,1-                   | 75-37-6    |                                       | 4.2E+04                            |
|  |             | 4.0E-01                                  | P           | V                                    |              | Dihydrosafrole                         | 94-58-6    | 1.9E-01                               |                                    |
|  |             |  |             | V                                    |              | Diisopropyl Ether                      | 108-20-3   |                                       | 4.2E+02                            |
|  |             |  |             |                                      |              | Diisopropyl Methylphosphonate          | 1445-75-6  |                                       |                                    |
|  |             |  |             |                                      |              | Dimethipin                             | 55290-64-7 |                                       |                                    |
|  |             |  |             |                                      |              | Dimethoate                             | 60-51-5    |                                       |                                    |
|  |             |  |             |                                      |              | Dimethoxybenzidine, 3,3'-              | 119-90-4   |                                       |                                    |
| 1.3E-03                                    | C           |  |             |                                      |              | Dimethyl methylphosphonate             | 756-79-6   | 1.9E-03                               |                                    |
|  |             |  |             |                                      |              | Dimethylamino azobenzene [p-]          | 60-11-7    |                                       |                                    |
|  |             |  |             |                                      |              | Dimethylaniline HCl, 2,4-              | 21436-96-4 |                                       |                                    |
|  |             |  |             |                                      |              | Dimethylaniline, 2,4-                  | 95-68-1    |                                       |                                    |
|  |             |  |             |                                      |              | Dimethylaniline, N,N-                  | 121-69-7   |                                       |                                    |
|  |             |  |             |                                      |              | Dimethylbenzidine, 3,3'-               | 119-93-7   |                                       |                                    |
|  |             | 3.0E-02                                  | I           |                                      |              | Dimethylformamide                      | 68-12-2    |                                       | 3.1E+01                            |
| 1.6E-01                                    | C           | 2.0E-06                                  | X           |                                      |              | Dimethylhydrazine, 1,1-                | 57-14-7    | 1.5E-05                               | 2.1E-03                            |
|  |             |  |             |                                      |              | Dimethylhydrazine, 1,2-                | 540-73-8   |                                       |                                    |
|  |             |  |             |                                      |              | Dimethylphenol, 2,4-                   | 105-67-9   |                                       |                                    |
|  |             |  |             |                                      |              | Dimethylphenol, 2,6-                   | 576-26-1   |                                       |                                    |
|  |             |  |             |                                      |              | Dimethylphenol, 3,4-                   | 95-65-8    |                                       |                                    |

Regional Screening Level (RSL) Resident Air Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |  |             |                                      | Contaminant  |                                      | Carcinogenic Target Risk (TR) = 1E-06 | Noncancer Hazard Index (HI) = 1    |                                    |
|--|-------------|--|-------------|--------------------------------------|--------------|--------------------------------------|---------------------------------------|------------------------------------|------------------------------------|
| IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup>  | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>u<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte                              | CAS No.                               | Inhalation<br>(ug/m <sup>3</sup> ) | Inhalation<br>(ug/m <sup>3</sup> ) |
| 1.3E-05                                    | C           |  |             | V                                    |              | Dimethylterephthalate                | 120-61-6                              | 1.9E-01                            |                                    |
|  |             |  |             |                                      |              | Dimethylvinylchloride                | 513-37-1                              |                                    |                                    |
|  |             |  |             |                                      |              | Dinitro-o-cresol, 4,6-               | 534-52-1                              |                                    |                                    |
|  |             |  |             |                                      |              | Dinitro-o-cyclohexyl Phenol, 4,6-    | 131-89-5                              |                                    |                                    |
|  |             |  |             |                                      |              | Dinitrobenzene, 1,2-                 | 528-29-0                              |                                    |                                    |
|  |             |  |             |                                      |              | Dinitrobenzene, 1,3-                 | 99-65-0                               |                                    |                                    |
|  |             |  |             |                                      |              | Dinitrobenzene, 1,4-                 | 100-25-4                              |                                    |                                    |
|  |             |  |             |                                      |              | Dinitrophenol, 2,4-                  | 51-28-5                               |                                    |                                    |
|  |             |  |             |                                      |              | Dinitrotoluene Mixture, 2,4/2,6-     | 25321-14-6                            |                                    |                                    |
| 8.9E-05                                    | C           |  |             |                                      |              | Dinitrotoluene, 2,4-                 | 121-14-2                              | 2.7E-02                            |                                    |
|  |             |  |             |                                      |              | Dinitrotoluene, 2,6-                 | 606-20-2                              |                                    |                                    |
|  |             |  |             |                                      |              | Dinitrotoluene, 2-Amino-4,6-         | 35572-78-2                            |                                    |                                    |
| 7.7E-06                                    | C           | 3.6E+00                                  | A           |                                      |              | Dinitrotoluene, 4-Amino-2,6-         | 19406-51-0                            | 3.2E-01                            | 3.8E+03                            |
|  |             |  |             |                                      |              | Dinoseb                              | 88-85-7                               |                                    |                                    |
|  |             |  |             |                                      |              | Dioxane, 1,4-                        | 123-91-1                              |                                    |                                    |
| 1.3E+00                                    | I           |  |             |                                      |              | <b>Dioxins</b>                       |                                       | 1.9E-06                            |                                    |
| 3.8E+01                                    | C           | 4.0E-08                                  | C           |                                      |              | ~Hexachlorodibenzo-p-dioxin, Mixture | NA                                    |                                    |                                    |
|  |             |  |             |                                      |              | ~TCDD, 2,3,7,8-                      | 1746-01-6                             | 6.4E-08                            | 4.2E-05                            |
|  |             |  |             |                                      |              | Diphenamid                           | 957-51-7                              |                                    |                                    |
|  |             |  |             |                                      |              | Diphenyl Sulfone                     | 127-63-9                              |                                    |                                    |
|  |             |  |             |                                      |              | Diphenylamine                        | 122-39-4                              |                                    |                                    |
| 2.2E-04                                    | I           |  |             |                                      |              | Diphenylhydrazine, 1,2-              | 122-66-7                              | 1.1E-02                            |                                    |
|  |             |  |             |                                      |              | Diquat                               | 85-00-7                               |                                    |                                    |
| 2.1E-03                                    | C           |  |             |                                      |              | Direct Black 38                      | 1937-37-7                             | 1.2E-03                            |                                    |
| 2.1E-03                                    | C           |  |             |                                      |              | Direct Blue 6                        | 2602-46-2                             | 1.2E-03                            |                                    |
| 1.9E-03                                    | C           |  |             |                                      |              | Direct Brown 95                      | 16071-86-6                            | 1.3E-03                            |                                    |
|  |             |  |             |                                      |              | Disulfoton                           | 298-04-4                              |                                    |                                    |
|  |             |  |             |                                      |              | Dithiane, 1,4-                       | 505-29-3                              |                                    |                                    |
|  |             |  |             |                                      |              | Diuron                               | 330-54-1                              |                                    |                                    |
|  |             |  |             |                                      |              | Dodine                               | 2439-10-3                             |                                    |                                    |
|  |             |  |             | V                                    |              | EPTC                                 | 759-94-4                              |                                    |                                    |
|  |             |  |             |                                      |              | Endosulfan                           | 115-29-7                              |                                    |                                    |
|  |             |  |             |                                      |              | Endothall                            | 145-73-3                              |                                    |                                    |
| 1.2E-06                                    | I           | 1.0E-03                                  | I           | V                                    |              | Endrin                               | 72-20-8                               |                                    |                                    |
|  |             | 2.0E-02                                  | I           | V                                    |              | Epichlorohydrin                      | 106-89-8                              |                                    |                                    |
|  |             |  |             |                                      |              | Epoxybutane, 1,2-                    | 106-88-7                              | 2.0E+00                            | 1.0E+00                            |
|  |             |  |             |                                      |              | Ethephon                             | 16672-87-0                            |                                    |                                    |
|  |             |  |             |                                      |              | Ethion                               | 563-12-2                              |                                    |                                    |
|  |             | 3.0E-01                                  | C           |                                      |              | Ethoxyethanol Acetate, 2-            | 111-15-9                              |                                    |                                    |
|  |             | 2.0E-01                                  | I           |                                      |              | Ethoxyethanol, 2-                    | 110-80-5                              |                                    | 2.1E+02                            |
|  |             |  |             | V                                    |              | Ethyl Acetate                        | 141-78-6                              |                                    |                                    |
|  |             |  |             | V                                    |              | Ethyl Acrylate                       | 140-88-5                              |                                    |                                    |
|  |             | 1.0E+01                                  | I           | V                                    |              | Ethyl Chloride                       | 75-00-3                               |                                    | 1.0E+04                            |
|  |             |  |             | V                                    |              | Ethyl Ether                          | 60-29-7                               |                                    |                                    |
|  |             |  |             | V                                    |              | Ethyl Methacrylate                   | 97-63-2                               |                                    |                                    |
| 2.5E-06                                    | C           | 1.0E+00                                  | I           | V                                    |              | Ethyl-p-nitrophenyl Phosphonate      | 2104-64-5                             | 9.7E-01                            | 1.0E+03                            |
|  |             |  |             |                                      |              | Ethylbenzene                         | 100-41-4                              |                                    |                                    |
|  |             |  |             |                                      |              | Ethylene Cyanohydrin                 | 109-78-4                              |                                    |                                    |
|  |             | 4.0E-01                                  | C           |                                      |              | Ethylene Diamine                     | 107-15-3                              |                                    | 4.2E+02                            |
|  |             | 1.6E+00                                  | I           |                                      |              | Ethylene Glycol                      | 107-21-1                              |                                    |                                    |
|  |             |  |             |                                      |              | Ethylene Glycol Monobutyl Ether      | 111-76-2                              |                                    |                                    |
| 8.8E-05                                    | C           | 3.0E-02                                  | C           | V                                    |              | Ethylene Oxide                       | 75-21-8                               | 2.8E-02                            | 3.1E+01                            |
| 1.3E-05                                    | C           |  |             |                                      |              | Ethylene Thiourea                    | 96-45-7                               | 1.9E-01                            |                                    |
| 1.9E-02                                    | C           |  |             |                                      |              | Ethyleneimine                        | 151-56-4                              | 1.3E-04                            |                                    |
|  |             |  |             |                                      |              | Ethylphthalyl Ethyl Glycolate        | 84-72-0                               |                                    |                                    |
|  |             |  |             |                                      |              | Express                              | 101200-48-0                           |                                    |                                    |
|  |             |  |             |                                      |              | Fenamiphos                           | 22224-92-6                            |                                    |                                    |
|  |             |  |             |                                      |              | Fenpropathrin                        | 39515-41-8                            |                                    | 1.4E+01                            |
|  |             |  |             |                                      |              | Fluometuron                          | 2164-17-2                             |                                    |                                    |
| 1.3E-02                                    | C           |  |             |                                      |              | Fluoride                             | 16984-48-8                            |                                    |                                    |
| 1.3E-02                                    | C           |  |             |                                      |              | Fluorine (Soluble Fluoride)          | 7782-41-4                             | 1.4E+01                            |                                    |
|  |             |  |             |                                      |              | Fluridone                            | 59756-60-4                            |                                    |                                    |
|  |             |  |             |                                      |              | Flurprimidol                         | 56425-91-3                            |                                    |                                    |

Regional Screening Level (RSL) Resident Air Supporting Table November 2010

| Toxicity and Chemical-specific Information |             |  |             |                                      |              |   | Contaminant |                                    | Carcinogenic Target Risk (TR) = 1E-06 | Noncancer Hazard Index (HI) = 1 |
|--|-------------|--|-------------|--------------------------------------|--------------|---|-------------|------------------------------------|---------------------------------------|---------------------------------|
| IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup>  | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte   | CAS No.     | Inhalation<br>(ug/m <sup>3</sup> ) | Inhalation<br>(ug/m <sup>3</sup> )    |                                 |
|  |             |  |             |                                      |              | Flutolanil  | 66332-96-5  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Fluvalinate                                       | 69409-94-5  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Folpet  | 133-07-3    |                                    |                                       |                                 |
| 1.3E-05                                    | I           | 9.8E-03                                  | A           |                                      |              | Fomesafen   | 72178-02-0  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Fonofos   | 944-22-9    |                                    |                                       |                                 |
|  |             | 3.0E-03                                  | P           |                                      |              | Formaldehyde                                      | 50-00-0     | 1.9E-01                            | 1.0E+01                               |                                 |
|  |             |  |             |                                      |              | Formic Acid                                       | 64-18-6     |                                    | 3.1E+00                               |                                 |
|  |             |  |             |                                      |              | Fosetyl-AL  | 39148-24-8  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | <b>Furans</b>                                     |             |                                    |                                       |                                 |
|  |             |  |             | V                                    |              | ~Dibenzofuran                                     | 132-64-9    |                                    |                                       |                                 |
|  |             |  |             | V                                    |              | ~Furan  | 110-00-9    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Furazolidone                                      | 67-45-8     |                                    |                                       |                                 |
| 4.3E-04                                    | C           | 5.0E-02                                  | H           |                                      |              | Furfural  | 98-01-1     |                                    | 5.2E+01                               |                                 |
| 8.6E-06                                    | C           |  |             |                                      |              | Furium  | 531-82-8    | 5.7E-03                            |                                       |                                 |
|  |             |  |             |                                      |              | Furmecyclox                                       | 60568-05-0  | 2.8E-01                            |                                       |                                 |
|  |             | 8.0E-05                                  | C           |                                      |              | Glufosinate, Ammonium                             | 77182-82-2  |                                    |                                       |                                 |
|  |             | 1.0E-03                                  | H           |                                      |              | Glutaraldehyde                                    | 111-30-8    |                                    | 8.3E-02                               |                                 |
|  |             |  |             |                                      |              | Glycidyl  | 765-34-4    |                                    | 1.0E+00                               |                                 |
|  |             |  |             |                                      |              | Glyphosate  | 1071-83-6   |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Goal  | 42874-03-3  |                                    |                                       |                                 |
|  |             | 1.0E-02                                  | A           |                                      |              | Guthion   | 86-50-0     |                                    | 1.0E+01                               |                                 |
| 1.3E-03                                    | I           |  |             |                                      |              | Haloxypop, Methyl                                 | 69806-40-2  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Harmony   | 79277-27-3  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Heptachlor  | 76-44-8     | 1.9E-03                            |                                       |                                 |
| 2.6E-03                                    | I           |  |             |                                      |              | Heptachlor Epoxide                                | 1024-57-3   | 9.4E-04                            |                                       |                                 |
|  |             |  |             |                                      |              | Hexabromobenzene                                  | 87-82-1     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153) | 68631-49-2  |                                    |                                       |                                 |
| 4.6E-04                                    | I           |  |             |                                      |              | Hexachlorobenzene                                 | 118-74-1    | 5.3E-03                            |                                       |                                 |
| 2.2E-05                                    | I           |  |             |                                      |              | Hexachlorobutadiene                               | 87-68-3     | 1.1E-01                            |                                       |                                 |
| 1.8E-03                                    | I           |  |             |                                      |              | Hexachlorocyclohexane, Alpha-                     | 319-84-6    | 1.4E-03                            |                                       |                                 |
| 5.3E-04                                    | I           |  |             |                                      |              | Hexachlorocyclohexane, Beta-                      | 319-85-7    | 4.6E-03                            |                                       |                                 |
| 3.1E-04                                    | C           |  |             |                                      |              | Hexachlorocyclohexane, Gamma- (Lindane)           | 58-89-9     | 7.8E-03                            |                                       |                                 |
| 5.1E-04                                    | I           |  |             |                                      |              | Hexachlorocyclohexane, Technical                  | 608-73-1    | 4.8E-03                            |                                       |                                 |
| 2.0E-04                                    | I           |  |             |                                      |              | Hexachlorocyclopentadiene                         | 77-47-4     |                                    | 2.1E-01                               |                                 |
| 4.0E-06                                    | I           |  |             |                                      |              | Hexachloroethane                                  | 67-72-1     | 6.1E-01                            |                                       |                                 |
|  |             |  |             |                                      |              | Hexachlorophene                                   | 70-30-4     |                                    |                                       |                                 |
|  |             | 1.0E-05                                  | I           | V                                    |              | Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)     | 121-82-4    |                                    | 1.0E-02                               |                                 |
|  |             | 7.0E-01                                  | I           | V                                    |              | Hexamethylene Diisocyanate, 1,6-                  | 822-06-0    |                                    | 7.3E+02                               |                                 |
|  |             |  |             |                                      |              | Hexane, N-  | 110-54-3    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Hexanedioic Acid                                  | 124-04-9    |                                    |                                       |                                 |
|  |             | 3.0E-02                                  | I           | V                                    |              | Hexanone, 2-                                      | 591-78-6    |                                    | 3.1E+01                               |                                 |
|  |             |  |             |                                      |              | Hexazinone  | 51235-04-2  |                                    |                                       |                                 |
| 4.9E-03                                    | I           | 3.0E-05                                  | P           |                                      |              | Hydrazine   | 302-01-2    | 5.0E-04                            | 3.1E-02                               |                                 |
| 4.9E-03                                    | I           |  |             |                                      |              | Hydrazine Sulfate                                 | 10034-93-2  | 5.0E-04                            |                                       |                                 |
|  |             | 2.0E-02                                  | I           |                                      |              | Hydrogen Chloride                                 | 7647-01-0   |                                    | 2.1E+01                               |                                 |
|  |             | 1.4E-02                                  | C           |                                      |              | Hydrogen Fluoride                                 | 7664-39-3   |                                    | 1.5E+01                               |                                 |
|  |             | 2.0E-03                                  | I           |                                      |              | Hydrogen Sulfide                                  | 7783-06-4   |                                    | 2.1E+00                               |                                 |
|  |             |  |             |                                      |              | Hydroquinone                                      | 123-31-9    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Imazalil  | 35554-44-0  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Imazaquin   | 81335-37-7  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Iodine  | 7553-56-2   |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Iprodione   | 36734-19-7  |                                    |                                       |                                 |
|  |             |  |             |                                      | V            | Iron  | 7439-89-6   |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Isobutyl Alcohol                                  | 78-83-1     |                                    |                                       |                                 |
|  |             | 2.0E+00                                  | C           |                                      |              | Isophorone  | 78-59-1     |                                    | 2.1E+03                               |                                 |
|  |             |  |             |                                      |              | Isopropalin                                       | 33820-53-0  |                                    |                                       |                                 |
|  |             | 7.0E+00                                  | C           |                                      |              | Isopropanol                                       | 67-63-0     |                                    | 7.3E+03                               |                                 |
|  |             |  |             |                                      |              | Isopropyl Methyl Phosphonic Acid                  | 1832-54-8   |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Isoxaben  | 82558-50-7  |                                    |                                       |                                 |
|  |             | 3.0E-01                                  | A           | V                                    |              | JP-7  | NA          |                                    | 3.1E+02                               |                                 |
|  |             |  |             |                                      |              | Kerb  | 23950-58-5  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Lactofen  | 77501-63-4  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | <b>Lead Compounds</b>                             |             |                                    |                                       |                                 |

Regional Screening Level (RSL) Resident Air Supporting Table November 2010

| Toxicity and Chemical-specific Information |             |  |             |                                      |              |   | Contaminant |                                    | Carcinogenic Target Risk (TR) = 1E-06 | Noncancer Hazard Index (HI) = 1 |
|--|-------------|--|-------------|--------------------------------------|--------------|---|-------------|------------------------------------|---------------------------------------|---------------------------------|
| IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup>  | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte                                       | CAS No.     | Inhalation<br>(ug/m <sup>3</sup> ) | Inhalation<br>(ug/m <sup>3</sup> )    |                                 |
| 8.0E-05                                    | C           |  |             |                                      |              | ~Lead acetate                                 | 301-04-2    | 3.0E-02                            |                                       |                                 |
| 1.1E-05                                    | C           |  |             |                                      |              | ~Lead and Compounds                           | 7439-92-1   |                                    |                                       |                                 |
|  |             |  |             |                                      |              | ~Lead subacetate                              | 1335-32-6   | 2.2E-01                            |                                       |                                 |
|  |             |  |             |                                      |              | ~Tetraethyl Lead                              | 78-00-2     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Linuron                                       | 330-55-2    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Lithium                                       | 7439-93-2   |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Lithium Perchlorate                           | 7791-03-9   |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Londax  | 83055-99-6  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | MCPA  | 94-74-6     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | MCPB  | 94-81-5     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | MCPP  | 93-65-2     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Malathion                                     | 121-75-5    |                                    |                                       |                                 |
| 7.0E-04                                    | C           |  |             |                                      |              | Maleic Anhydride                              | 108-31-6    |                                    | 7.3E-01                               |                                 |
|  |             |  |             |                                      |              | Maleic Hydrazide                              | 123-33-1    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Malononitrile                                 | 109-77-3    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Mancozeb                                      | 8018-01-7   |                                    |                                       |                                 |
| 5.0E-05                                    | I           |  |             |                                      |              | Maneb   | 12427-38-2  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Manganese (Diet)                              | 7439-96-5   |                                    |                                       |                                 |
| 5.0E-05                                    | I           |  |             |                                      |              | Manganese (Non-diet)                          | 7439-96-5   |                                    | 5.2E-02                               |                                 |
|  |             |  |             |                                      |              | Mephosfolan                                   | 950-10-7    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Mepiquat Chloride                             | 24307-26-4  |                                    |                                       |                                 |
| 3.0E-05                                    | C           |  |             |                                      |              | <b>Mercury Compounds</b>                      |             |                                    |                                       |                                 |
| 3.0E-04                                    | I V         |  |             |                                      |              | ~Mercuric Chloride (and other Mercury salts)  | 7487-94-7   |                                    | 3.1E-02                               |                                 |
|  |             |  |             |                                      |              | ~Mercury (elemental)                          | 7439-97-6   |                                    | 3.1E-01                               |                                 |
|  |             |  |             |                                      |              | ~Methyl Mercury                               | 22967-92-6  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | ~Phenylmercuric Acetate                       | 62-38-4     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Merphos                                       | 150-50-5    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Merphos Oxide                                 | 78-48-8     |                                    |                                       |                                 |
| 7.0E-04                                    | H V         |  |             |                                      |              | Metalaxyl                                     | 57837-19-1  |                                    | 7.3E-01                               |                                 |
|  |             |  |             |                                      |              | Methacrylonitrile                             | 126-98-7    |                                    |                                       |                                 |
| 4.0E+00                                    | C           |  |             |                                      |              | Methamidophos                                 | 10265-92-6  |                                    | 4.2E+03                               |                                 |
|  |             |  |             |                                      |              | Methanol                                      | 67-56-1     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Methidathion                                  | 950-37-8    |                                    |                                       |                                 |
| 1.4E-05                                    | C           |  |             |                                      |              | Methomyl                                      | 16752-77-5  | 1.7E-01                            |                                       |                                 |
|  |             |  |             |                                      |              | Methoxy-5-nitroaniline, 2-                    | 99-59-2     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Methoxychlor                                  | 72-43-5     |                                    |                                       |                                 |
| 9.0E-02                                    | C           |  |             |                                      |              | Methoxyethanol Acetate, 2-                    | 110-49-6    |                                    | 9.4E+01                               |                                 |
| 2.0E-02                                    | I           |  |             |                                      |              | Methoxyethanol, 2-                            | 109-86-4    |                                    | 2.1E+01                               |                                 |
|  |             |  |             |                                      |              | Methyl Acetate                                | 79-20-9     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Methyl Acrylate                               | 96-33-3     |                                    |                                       |                                 |
| 5.0E+00                                    | I V         |  |             |                                      |              | Methyl Ethyl Ketone (2-Butanone)              | 78-93-3     |                                    | 5.2E+03                               |                                 |
| 3.0E+00                                    | I V         |  |             |                                      |              | Methyl Isobutyl Ketone (4-methyl-2-pentanone) | 108-10-1    |                                    | 3.1E+03                               |                                 |
| 1.0E-03                                    | C           |  |             |                                      |              | Methyl Isocyanate                             | 624-83-9    |                                    | 1.0E+00                               |                                 |
| 7.0E-01                                    | I V         |  |             |                                      |              | Methyl Methacrylate                           | 80-62-6     |                                    | 7.3E+02                               |                                 |
|  |             |  |             |                                      |              | Methyl Parathion                              | 298-00-0    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Methyl Phosphonic Acid                        | 993-13-5    |                                    |                                       |                                 |
| 2.8E-05                                    | C           | 4.0E-02                                  | H V         |                                      |              | Methyl Styrene (Mixed Isomers)                | 25013-15-4  |                                    | 4.2E+01                               |                                 |
|  |             |  |             |                                      |              | Methyl methanesulfonate                       | 66-27-3     | 8.7E-02                            |                                       |                                 |
| 2.6E-07                                    | C           | 3.0E+00                                  | I V         |                                      |              | Methyl tert-Butyl Ether (MTBE)                | 1634-04-4   | 9.4E+00                            | 3.1E+03                               |                                 |
|  |             |  |             |                                      |              | Methyl-5-Nitroaniline, 2-                     | 99-55-8     |                                    |                                       |                                 |
| 2.4E-03                                    | C           |  |             |                                      |              | Methyl-N-nitro-N-nitrosoguanidine, N-         | 70-25-7     | 1.0E-03                            |                                       |                                 |
| 3.7E-05                                    | C           |  |             |                                      |              | Methylaniline Hydrochloride, 2-               | 636-21-5    | 6.6E-02                            |                                       |                                 |
|  |             |  |             |                                      |              | Methylarsonic acid                            | 124-58-3    |                                    |                                       |                                 |
| 6.3E-03                                    | C           |  |             |                                      |              | Methylcholanthrene, 3-                        | 56-49-5     | 3.9E-04                            |                                       |                                 |
| 4.7E-07                                    | I           | 1.0E+00                                  | A V         |                                      |              | Methylene Chloride                            | 75-09-2     | 5.2E+00                            | 1.1E+03                               |                                 |
| 4.3E-04                                    | C           |  |             |                                      | M            | Methylene-bis(2-chloroaniline), 4,4'-         | 101-14-4    | 2.2E-03                            |                                       |                                 |
| 1.3E-05                                    | C           |  |             |                                      |              | Methylene-bis(N,N-dimethyl) Aniline, 4,4'-    | 101-61-1    | 1.9E-01                            |                                       |                                 |
| 4.6E-04                                    | C           | 2.0E-02                                  | C           |                                      |              | Methylenebisbenzenamine, 4,4'-                | 101-77-9    | 5.3E-03                            | 2.1E+01                               |                                 |
|  |             | 6.0E-04                                  | I           |                                      |              | Methylenediphenyl Diisocyanate                | 101-68-8    |                                    | 6.3E-01                               |                                 |
|  |             |  |             |                                      |              | Methylstyrene, Alpha-                         | 98-83-9     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Metolachlor                                   | 51218-45-2  |                                    |                                       |                                 |
| 4.5E-06                                    | X           | 1.0E-01                                  | P V         |                                      |              | Metribuzin                                    | 21087-64-9  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Midrange Aliphatic Hydrocarbon Streams        | NA          | 5.4E-01                            | 1.0E+02                               |                                 |

Regional Screening Level (RSL) Resident Air Supporting Table November 2010

| Toxicity and Chemical-specific Information |             |  |             |                                      |              |   | Contaminant                            |                                    | Carcinogenic Target Risk (TR) = 1E-06 | Noncancer Hazard Index (HI) = 1 |
|--|-------------|--|-------------|--------------------------------------|--------------|---|--|------------------------------------|---------------------------------------|---------------------------------|
| IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup>  | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte   | CAS No.                                | Inhalation<br>(ug/m <sup>3</sup> ) | Inhalation<br>(ug/m <sup>3</sup> )    |                                 |
| 5.1E-03                                    | C           |  |             |                                      |              | Mineral oils<br>Mirex<br>Molinate   | 8012-95-1<br>2385-85-5<br>2212-67-1    | 4.8E-04                            |                                       |                                 |
|  |             |  |             |                                      |              | Molybdenum<br>Monochloramine<br>Monomethylaniline   | 7439-98-7<br>10599-90-3<br>100-61-8    |                                    |                                       |                                 |
|  |             | 1.0E-01                                  | P           | V                                    |              | N,N'-Diphenyl-1,4-benzenediamine<br>Naled<br>Naphtha, High Flash Aromatic (HFAN)                  | 74-31-7<br>300-76-5<br>64724-95-6      |                                    | 1.0E+02                               |                                 |
| 0.0E+00                                    | C           |  |             |                                      |              | Naphthylamine, 2-<br>Napropamide<br>Nickel Carbonyl   | 91-59-8<br>15299-99-7<br>13463-39-3    |                                    | 5.2E-02                               |                                 |
|  |             | 1.0E-04                                  | C           |                                      |              | Nickel Oxide  | 1313-99-1                              |                                    | 1.0E-01                               |                                 |
| 2.4E-04                                    | I           | 5.0E-05                                  | C           |                                      |              | Nickel Refinery Dust  | NA                                     | 1.0E-02                            | 5.2E-02                               |                                 |
| 2.6E-04                                    | C           | 9.0E-05                                  | A           |                                      |              | Nickel Soluble Salts  | 7440-02-0                              | 9.4E-03                            | 9.4E-02                               |                                 |
| 4.8E-04                                    | I           | 5.0E-05                                  | C           |                                      |              | Nickel Subsulfide<br>Nitrate<br>Nitrite   | 12035-72-2<br>14797-55-8<br>14797-65-0 | 5.1E-03                            | 5.2E-02                               |                                 |
|  |             | 5.0E-05                                  | X           |                                      |              | Nitroaniline, 2-  | 88-74-4                                |                                    | 5.2E-02                               |                                 |
| 4.0E-05                                    | I           | 6.0E-03                                  | P           |                                      |              | Nitroaniline, 4-  | 100-01-6                               |                                    | 6.3E+00                               |                                 |
|  |             | 9.0E-03                                  | I           | V                                    |              | Nitrobenzene  | 98-95-3                                | 6.1E-02                            | 9.4E+00                               |                                 |
| 3.7E-04                                    | C           |  |             |                                      |              | Nitrocellulose<br>Nitrofurantoin<br>Nitrofurazone   | 9004-70-0<br>67-20-9<br>59-87-0        | 6.6E-03                            |                                       |                                 |
|  |             | 2.0E-02                                  | P           | V                                    |              | Nitroglycerin<br>Nitroguanidine<br>Nitromethane   | 55-63-0<br>556-88-7<br>75-52-5         | 2.7E-01                            | 2.1E+01                               |                                 |
| 2.7E-03                                    | H           | 2.0E-02                                  | I           | V                                    |              | Nitropropane, 2-  | 79-46-9                                | 9.0E-04                            | 2.1E+01                               |                                 |
| 7.7E-03                                    | C           |  |             |                                      |              | Nitroso-N-ethylurea, N-   | 759-73-9                               | 3.2E-04                            |                                       |                                 |
| 3.4E-02                                    | C           |  |             |                                      |              | Nitroso-N-methylurea, N-  | 684-93-5                               | 7.2E-05                            |                                       |                                 |
| 1.6E-03                                    | I           |  |             | V                                    |              | Nitroso-di-N-butylamine, N-   | 924-16-3                               | 1.5E-03                            |                                       |                                 |
| 2.0E-03                                    | C           |  |             |                                      |              | Nitroso-di-N-propylamine, N-  | 621-64-7                               | 1.2E-03                            |                                       |                                 |
| 8.0E-04                                    | C           |  |             |                                      |              | Nitrosodiethanolamine, N-   | 1116-54-7                              | 3.0E-03                            |                                       |                                 |
| 4.3E-02                                    | I           |  |             |                                      | M            | Nitrosodiethylamine, N-   | 55-18-5                                | 2.2E-05                            |                                       |                                 |
| 1.4E-02                                    | I           | 4.0E-05                                  | X           |                                      | M            | Nitrosodimethylamine, N-  | 62-75-9                                | 6.9E-05                            | 4.2E-02                               |                                 |
| 2.6E-06                                    | C           |  |             |                                      |              | Nitrosodiphenylamine, N-  | 86-30-6                                | 9.4E-01                            |                                       |                                 |
| 6.3E-03                                    | C           |  |             |                                      |              | Nitrosomethylethylamine, N-   | 10595-95-6                             | 3.9E-04                            |                                       |                                 |
| 1.9E-03                                    | C           |  |             |                                      |              | Nitrosomorpholine [N-]  | 59-89-2                                | 1.3E-03                            |                                       |                                 |
| 2.7E-03                                    | C           |  |             |                                      |              | Nitrosopiperidine [N-]  | 100-75-4                               | 9.0E-04                            |                                       |                                 |
| 6.1E-04                                    | I           |  |             |                                      |              | Nitrosopyrrolidine, N-<br>Nitrotoluene, m-<br>Nitrotoluene, o-                                    | 930-55-2<br>99-08-1<br>88-72-2         | 4.0E-03                            |                                       |                                 |
|  |             | 2.0E-01                                  | P           | V                                    |              | Nitrotoluene, p-<br>Nonane, n-<br>Norflurazon   | 99-99-0<br>111-84-2<br>27314-13-2      |                                    | 2.1E+02                               |                                 |
|  |             |  |             |                                      |              | Nustar<br>Octabromodiphenyl Ether<br>Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)             | 85509-19-9<br>32536-52-0<br>2691-41-0  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Octamethylpyrophosphoramide<br>Oryzalin<br>Oxadiazon  | 152-16-9<br>19044-88-3<br>19666-30-9   |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Oxamyl<br>Paclobutrazol<br>Paraquat Dichloride  | 23135-22-0<br>76738-62-0<br>1910-42-5  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Parathion<br>Pebulate<br>Pendimethalin  | 56-38-2<br>1114-71-2<br>40487-42-1     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Pentabromodiphenyl Ether<br>Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)<br>Pentachlorobenzene | 32534-81-9<br>60348-60-9<br>608-93-5   |                                    |                                       |                                 |
| 5.1E-06                                    | C           |  |             |                                      |              | Pentachloroethane<br>Pentachloronitrobenzene<br>Pentachlorophenol                                 | 76-01-7<br>82-68-8<br>87-86-5          | 4.8E-01                            |                                       |                                 |

Regional Screening Level (RSL) Resident Air Supporting Table November 2010

| Toxicity and Chemical-specific Information |             |  |             |                                      |              |   | Contaminant                          |                                    | Carcinogenic Target Risk (TR) = 1E-06 | Noncancer Hazard Index (HI) = 1 |
|--|-------------|--|-------------|--------------------------------------|--------------|---|--------------------------------------|------------------------------------|---------------------------------------|---------------------------------|
| IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup>  | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte   | CAS No.                              | Inhalation<br>(ug/m <sup>3</sup> ) | Inhalation<br>(ug/m <sup>3</sup> )    |                                 |
| 1.0E+00                                    | P           | V  |             |                                      |              | Pentane, n-<br>Perchlorate and Perchlorate Salts<br>Permethrin                                      | 109-66-0<br>14797-73-0<br>52645-53-1 |                                    | 1.0E+03                               |                                 |
| 6.3E-07                                    | C           |  |             |                                      |              | Phenacetin<br>Phenmedipham<br>Phenol  | 62-44-2<br>13684-63-4<br>108-95-2    | 3.9E+00                            | 2.1E+02                               |                                 |
| 2.0E-01                                    | C           |  |             |                                      |              | Phenylenediamine, m-<br>Phenylenediamine, o-<br>Phenylenediamine, p-                                | 108-45-2<br>95-54-5<br>106-50-3      |                                    |                                       |                                 |
| 3.0E-04                                    | I           | V  |             |                                      |              | Phenylphenol, 2-<br>Phorate<br>Phosgene   | 90-43-7<br>298-02-2<br>75-44-5       |                                    | 3.1E-01                               |                                 |
| 3.0E-04                                    | I           |  |             |                                      |              | Phosmet<br>Phosphine<br>Phosphoric Acid   | 732-11-6<br>7803-51-2<br>7664-38-2   |                                    | 3.1E-01<br>1.0E+01                    |                                 |
| 1.0E-02                                    | I           |  |             |                                      |              | Phosphorus, White<br>Phthalic Acid, P-<br>Phthalic Anhydride  | 7723-14-0<br>100-21-0<br>85-44-9     |                                    | 2.1E+01                               |                                 |
| 2.0E-02                                    | C           |  |             |                                      |              | Picloram<br>Picramic Acid (2-Amino-4,6-dinitrophenol)<br>Pirimiphos, Methyl                         | 1918-02-1<br>96-91-3<br>29232-93-7   |                                    |                                       |                                 |
| 8.6E-03                                    | C           |  |             |                                      |              | Polybrominated Biphenyls<br><b>Polychlorinated Biphenyls (PCBs)</b>                                 | 59536-65-1                           | 2.8E-04                            |                                       |                                 |
| 2.0E-05                                    | S           |  |             |                                      |              | ~Aroclor 1016   | 12674-11-2                           | 1.2E-01                            |                                       |                                 |
| 5.7E-04                                    | S           |  |             | V                                    |              | ~Aroclor 1221   | 11104-28-2                           | 4.3E-03                            |                                       |                                 |
| 5.7E-04                                    | S           |  |             | V                                    |              | ~Aroclor 1232   | 11141-16-5                           | 4.3E-03                            |                                       |                                 |
| 5.7E-04                                    | S           |  |             |                                      |              | ~Aroclor 1242   | 53469-21-9                           | 4.3E-03                            |                                       |                                 |
| 5.7E-04                                    | S           |  |             |                                      |              | ~Aroclor 1248   | 12672-29-6                           | 4.3E-03                            |                                       |                                 |
| 5.7E-04                                    | S           |  |             |                                      |              | ~Aroclor 1254   | 11097-69-1                           | 4.3E-03                            |                                       |                                 |
| 5.7E-04                                    | S           |  |             |                                      |              | ~Aroclor 1260   | 11096-82-5                           | 4.3E-03                            |                                       |                                 |
| 1.1E-03                                    | E           | 1.3E-03                                  | E           |                                      |              | ~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)   | 39635-31-9                           | 2.1E-03                            | 1.4E+00                               |                                 |
| 1.1E-03                                    | E           | 1.3E-03                                  | E           |                                      |              | ~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)  | 52663-72-6                           | 2.1E-03                            | 1.4E+00                               |                                 |
| 1.1E-03                                    | E           | 1.3E-03                                  | E           |                                      |              | ~Hexachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 157)  | 69782-90-7                           | 2.1E-03                            | 1.4E+00                               |                                 |
| 1.1E-03                                    | E           | 1.3E-03                                  | E           |                                      |              | ~Hexachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 156)  | 38380-08-4                           | 2.1E-03                            | 1.4E+00                               |                                 |
| 1.1E+00                                    | E           | 1.3E-06                                  | E           |                                      |              | ~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)  | 32774-16-6                           | 2.1E-06                            | 1.4E-03                               |                                 |
| 1.1E-03                                    | E           | 1.3E-03                                  | E           |                                      |              | ~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)  | 65510-44-3                           | 2.1E-03                            | 1.4E+00                               |                                 |
| 1.1E-03                                    | E           | 1.3E-03                                  | E           |                                      |              | ~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)  | 31508-00-6                           | 2.1E-03                            | 1.4E+00                               |                                 |
| 1.1E-03                                    | E           | 1.3E-03                                  | E           |                                      |              | ~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)  | 32598-14-4                           | 2.1E-03                            | 1.4E+00                               |                                 |
| 1.1E-03                                    | E           | 1.3E-03                                  | E           |                                      |              | ~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)   | 74472-37-0                           | 2.1E-03                            | 1.4E+00                               |                                 |
| 3.8E+00                                    | E           | 4.0E-07                                  | E           |                                      |              | ~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)  | 57465-28-8                           | 6.4E-07                            | 4.2E-04                               |                                 |
| 5.7E-04                                    | I           |  |             |                                      |              | ~Polychlorinated Biphenyls (high risk)  | 1336-36-3                            | 4.3E-03                            |                                       |                                 |
| 1.0E-04                                    | I           |  |             |                                      |              | ~Polychlorinated Biphenyls (low risk)   | 1336-36-3                            | 2.4E-02                            |                                       |                                 |
| 2.0E-05                                    | I           |  |             |                                      |              | ~Polychlorinated Biphenyls (lowest risk)  | 1336-36-3                            | 1.2E-01                            |                                       |                                 |
| 3.8E-03                                    | E           | 4.0E-04                                  | E           |                                      |              | ~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)   | 32598-13-3                           | 6.4E-04                            | 4.2E-01                               |                                 |
| 1.1E-02                                    | E           | 1.3E-04                                  | E           |                                      |              | ~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)  | 70362-50-4                           | 2.1E-04                            | 1.4E-01                               |                                 |
| 6.0E-04                                    | I           |  |             |                                      |              | Polymeric Methylene Diphenyl Diisocyanate (PMDI)<br><b>Polynuclear Aromatic Hydrocarbons (PAHs)</b> | 9016-87-9                            |                                    | 6.3E-01                               |                                 |
|  |             |  |             | V                                    |              | ~Acenaphthene   | 83-32-9                              |                                    |                                       |                                 |
|  |             |  |             | V                                    |              | ~Anthracene   | 120-12-7                             |                                    |                                       |                                 |
| 1.1E-04                                    | C           |  |             |                                      | M            | ~Benz[a]anthracene  | 56-55-3                              | 8.7E-03                            |                                       |                                 |
| 1.1E-04                                    | C           |  |             |                                      |              | ~Benzo[j]fluoranthene   | 205-82-3                             | 2.2E-02                            |                                       |                                 |
| 1.1E-03                                    | C           |  |             |                                      | M            | ~Benzo[a]pyrene   | 50-32-8                              | 8.7E-04                            |                                       |                                 |
| 1.1E-04                                    | C           |  |             |                                      | M            | ~Benzo[b]fluoranthene   | 205-99-2                             | 8.7E-03                            |                                       |                                 |
| 1.1E-04                                    | C           |  |             |                                      | M            | ~Benzo[k]fluoranthene   | 207-08-9                             | 8.7E-03                            |                                       |                                 |
| 1.1E-05                                    | C           |  |             |                                      | M            | ~Chrysene   | 218-01-9                             | 8.7E-02                            |                                       |                                 |
| 1.2E-03                                    | C           |  |             |                                      | M            | ~Dibenz[a,h]anthracene  | 53-70-3                              | 8.0E-04                            |                                       |                                 |
| 1.1E-03                                    | C           |  |             |                                      |              | ~Dibenzo[a,e]pyrene   | 192-65-4                             | 2.2E-03                            |                                       |                                 |
| 7.1E-02                                    | C           |  |             |                                      |              | ~Dimethylbenz(a)anthracene, 7,12-<br>~Fluoranthene<br>~Fluorene                                     | 57-97-6<br>206-44-0<br>86-73-7       | 3.4E-05                            |                                       |                                 |
| 1.1E-04                                    | C           |  |             |                                      | M            | ~Indeno[1,2,3-cd]pyrene   | 193-39-5                             | 8.7E-03                            |                                       |                                 |
|  |             |  |             | V                                    |              | ~Methylnaphthalene, 1-  | 90-12-0                              |                                    |                                       |                                 |
|  |             |  |             | V                                    |              | ~Methylnaphthalene, 2-  | 91-57-6                              |                                    |                                       |                                 |



Regional Screening Level (RSL) Resident Air Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csot (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |  |             |                                      | Contaminant  |  | Carcinogenic Target Risk (TR) = 1E-06  | Noncancer Hazard Index (HI) = 1    |                                    |
|--|-------------|--|-------------|--------------------------------------|--------------|--|--|------------------------------------|------------------------------------|
| IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup>  | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte  | CAS No.                                | Inhalation<br>(ug/m <sup>3</sup> ) | Inhalation<br>(ug/m <sup>3</sup> ) |
| 3.4E-05<br>1.1E-04                         | C<br>C      | 3.0E-03                                  | I<br>V      |                                      |              | ~Naphthalene<br>~Nitropyrene, 4-<br>~Pyrene  | 91-20-3<br>57835-92-4<br>129-00-0      | 7.2E-02<br>2.2E-02                 | 3.1E+00                            |
|  |             |  |             |                                      |              | Potassium Perchlorate<br>Prochloraz<br>Profluralin   | 7778-74-7<br>67747-09-5<br>26399-36-0  |                                    |                                    |
|  |             |  |             |                                      |              | Prometon<br>Prometryn<br>Propachlor  | 1610-18-0<br>7287-19-6<br>1918-16-7    |                                    |                                    |
|  |             |  |             |                                      |              | Propanil<br>Propargite<br>Propargyl Alcohol  | 709-98-8<br>2312-35-8<br>107-19-7      |                                    |                                    |
|  |             |  |             |                                      |              | Propazine<br>Propham<br>Propiconazole  | 139-40-2<br>122-42-9<br>60207-90-1     |                                    |                                    |
|  |             | 8.0E-03<br>1.0E+00<br>3.0E+00            | I<br>X<br>C | V<br>V                               |              | Propionaldehyde<br>Propyl benzene<br>Propylene   | 123-38-6<br>103-65-1<br>115-07-1       |                                    | 8.3E+00<br>1.0E+03<br>3.1E+03      |
|  |             | 2.7E-04                                  | A           | V                                    |              | Propylene Glycol<br>Propylene Glycol Dinitrate<br>Propylene Glycol Monoethyl Ether         | 57-55-6<br>6423-43-4<br>1569-02-4      |                                    | 2.8E-01                            |
| 3.7E-06                                    | I           | 2.0E+00<br>3.0E-02                       | I           | V                                    |              | Propylene Glycol Monomethyl Ether<br>Propylene Oxide<br>Pursuit                            | 107-98-2<br>75-56-9<br>81335-77-5      | 6.6E-01                            | 2.1E+03<br>3.1E+01                 |
|  |             |  |             | V                                    |              | Pydrin<br>Pyridine<br>Quinalphos   | 51630-58-1<br>110-86-1<br>13593-03-8   |                                    |                                    |
|  |             | 3.0E-02                                  | A           |                                      |              | Quinoline<br>Refractory Ceramic Fibers<br>Resmethrin                                       | 91-22-5<br>NA<br>10453-86-8            |                                    | 3.1E+01                            |
| 6.3E-05                                    | C           |  |             |                                      |              | Ronnel<br>Rotenone<br>Safrole  | 299-84-3<br>83-79-4<br>94-59-7         | 3.9E-02                            |                                    |
|  |             | 2.0E-02                                  | C           |                                      |              | Savey<br>Selenious Acid<br>Selenium  | 78587-05-0<br>7783-00-8<br>7782-49-2   |                                    | 2.1E+01                            |
|  |             | 2.0E-02                                  | C           |                                      |              | Selenium Sulfide<br>Sethoxydim   | 7446-34-6<br>74051-80-2                |                                    | 2.1E+01                            |
|  |             | 3.0E-03                                  | C           |                                      |              | Silica (crystalline, respirable)   | 7631-86-9                              |                                    | 3.1E+00                            |
|  |             |  |             |                                      |              | Silver<br>Simazine<br>Sodium Acifluorfen   | 7440-22-4<br>122-34-9<br>62476-59-9    |                                    |                                    |
|  |             | 1.3E-02                                  | C           |                                      |              | Sodium Azide<br>Sodium Diethyldithiocarbamate<br>Sodium Fluoride                           | 26628-22-8<br>148-18-5<br>7681-49-4    |                                    | 1.4E+01                            |
|  |             |  |             |                                      |              | Sodium Fluoroacetate<br>Sodium Metavanadate<br>Sodium Perchlorate                          | 62-74-8<br>13718-26-8<br>7601-89-0     |                                    |                                    |
|  |             |  |             |                                      |              | Stirofos (Tetrachlorovinphos)<br>Strontium, Stable<br>Strychnine                           | 961-11-5<br>7440-24-6<br>57-24-9       |                                    |                                    |
|  |             | 1.0E+00<br>1.0E-03                       | I<br>C      | V                                    |              | Styrene<br>Sulfonylbis(4-chlorobenzene), 1,1'-<br>Sulfuric Acid                            | 100-42-5<br>80-07-9<br>7664-93-9       |                                    | 1.0E+03<br>1.0E+00                 |
|  |             |  |             |                                      |              | Systhane<br>TCMTB<br>Tebuthiuron   | 88671-89-0<br>21564-17-0<br>34014-18-1 |                                    |                                    |
|  |             |  |             |                                      |              | Temephos<br>Terbacil<br>Terbufos   | 3383-96-8<br>5902-51-2<br>13071-79-9   |                                    |                                    |
|  |             |  |             |                                      |              | Terbutryn<br>Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)<br>Tetrachlorobenzene, 1,2,4,5- | 886-50-0<br>5436-43-1<br>95-94-3       |                                    |                                    |

Regional Screening Level (RSL) Resident Air Supporting Table November 2010

| Toxicity and Chemical-specific Information |             |  |             |                                      |              |   | Contaminant |                                    | Carcinogenic Target Risk (TR) = 1E-06 | Noncancer Hazard Index (HI) = 1 |
|--|-------------|--|-------------|--------------------------------------|--------------|---|-------------|------------------------------------|---------------------------------------|---------------------------------|
| IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup>  | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte                                     | CAS No.     | Inhalation<br>(ug/m <sup>3</sup> ) | Inhalation<br>(ug/m <sup>3</sup> )    |                                 |
| 7.4E-06                                    | I           |  |             |                                      | V            | Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | 3.3E-01                            |                                       |                                 |
| 5.8E-05                                    | C           |  |             |                                      | V            | Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | 4.2E-02                            |                                       |                                 |
| 5.9E-06                                    | C           | 2.7E-01                                  | A           | V                                    |              | Tetrachloroethylene                         | 127-18-4    | 4.1E-01                            | 2.8E+02                               |                                 |
|  |             |  |             |                                      |              | Tetrachlorophenol, 2,3,4,6-                 | 58-90-2     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Tetrachlorotoluene, p- alpha, alpha, alpha- | 5216-25-1   |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Tetraethyl Dithiopyrophosphate              | 3689-24-5   |                                    |                                       |                                 |
| 8.0E+01                                    | I           |  | V           |                                      |              | Tetrafluoroethane, 1,1,1,2-                 | 811-97-2    |                                    | 8.3E+04                               |                                 |
|  |             |  |             |                                      |              | Tetryl (Trinitrophenylmethylnitramine)      | 479-45-8    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Thallium (Soluble Salts)                    | 7440-28-0   |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Thiobencarb                                 | 28249-77-6  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Thiodiglycol                                | 111-48-8    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Thiofanox                                   | 39196-18-4  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Thiophanate, Methyl                         | 23564-05-8  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Thiram                                      | 137-26-8    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Tin   | 7440-31-5   |                                    |                                       |                                 |
| 1.0E-04                                    | A           |  |             |                                      |              | Titanium Tetrachloride                      | 7550-45-0   |                                    | 1.0E-01                               |                                 |
| 5.0E+00                                    | I           |  | V           |                                      |              | Toluene                                     | 108-88-3    |                                    | 5.2E+03                               |                                 |
|  |             |  |             |                                      |              | Toluidine, p-                               | 106-49-0    |                                    |                                       |                                 |
| 3.2E-04                                    | I           |  |             |                                      |              | Toxaphene                                   | 8001-35-2   | 7.6E-03                            |                                       |                                 |
|  |             |  |             |                                      |              | Tralomethrin                                | 66841-25-6  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Tri-n-butyltin                              | 688-73-3    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Triallate                                   | 2303-17-5   |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Triasulfuron                                | 82097-50-5  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Tribromobenzene, 1,2,4-                     | 615-54-3    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Tributyl Phosphate                          | 126-73-8    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Tributyltin Compounds                       | NA          |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Tributyltin Oxide                           | 56-35-9     |                                    |                                       |                                 |
| 3.0E+01                                    | H           |  | V           |                                      |              | Trichloro-1,2,2-trifluoroethane, 1,1,2-     | 76-13-1     |                                    | 3.1E+04                               |                                 |
|  |             |  |             |                                      |              | Trichloroacetic Acid                        | 76-03-9     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Trichloroaniline HCl, 2,4,6-                | 33663-50-2  |                                    |                                       |                                 |
|  |             |  |             |                                      | V            | Trichloroaniline, 2,4,6-                    | 634-93-5    |                                    |                                       |                                 |
| 2.0E-03                                    | P           |  | V           |                                      |              | Trichlorobenzene, 1,2,3-                    | 87-61-6     |                                    | 2.1E+00                               |                                 |
|  |             |  |             |                                      |              | Trichlorobenzene, 1,2,4-                    | 120-82-1    |                                    |                                       |                                 |
| 5.0E+00                                    | I           |  | V           |                                      |              | Trichloroethane, 1,1,1-                     | 71-55-6     |                                    | 5.2E+03                               |                                 |
| 1.6E-05                                    | I           |  |             |                                      | V            | Trichloroethane, 1,1,2-                     | 79-00-5     | 1.5E-01                            |                                       |                                 |
| 2.0E-06                                    | C           |  |             |                                      | V            | Trichloroethylene                           | 79-01-6     | 1.2E+00                            |                                       |                                 |
| 7.0E-01                                    | H           |  | V           |                                      |              | Trichlorofluoromethane                      | 75-69-4     |                                    | 7.3E+02                               |                                 |
|  |             |  |             |                                      |              | Trichlorophenol, 2,4,5-                     | 95-95-4     |                                    |                                       |                                 |
| 3.1E-06                                    | I           |  |             |                                      |              | Trichlorophenol, 2,4,6-                     | 88-06-2     | 7.8E-01                            |                                       |                                 |
|  |             |  |             |                                      |              | Trichlorophenoxyacetic Acid, 2,4,5-         | 93-76-5     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Trichlorophenoxypropionic acid, -2,4,5      | 93-72-1     |                                    |                                       |                                 |
|  |             |  |             |                                      | V            | Trichloropropane, 1,1,2-                    | 598-77-6    |                                    |                                       |                                 |
| 3.0E-04                                    | I           |  | V           |                                      | M            | Trichloropropane, 1,2,3-                    | 96-18-4     |                                    | 3.1E-01                               |                                 |
| 3.0E-04                                    | P           |  | V           |                                      |              | Trichloropropene, 1,2,3-                    | 96-19-5     |                                    | 3.1E-01                               |                                 |
|  |             |  |             |                                      |              | Tridiphane                                  | 58138-08-2  |                                    |                                       |                                 |
| 7.0E-03                                    | I           |  | V           |                                      |              | Triethylamine                               | 121-44-8    |                                    | 7.3E+00                               |                                 |
|  |             |  |             |                                      |              | Trifluralin                                 | 1582-09-8   |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Trimethyl Phosphate                         | 512-56-1    |                                    |                                       |                                 |
| 7.0E-03                                    | P           |  | V           |                                      | V            | Trimethylbenzene, 1,2,4-                    | 95-63-6     |                                    | 7.3E+00                               |                                 |
|  |             |  |             |                                      |              | Trimethylbenzene, 1,3,5-                    | 108-67-8    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Trinitrobenzene, 1,3,5-                     | 99-35-4     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Trinitrotoluene, 2,4,6-                     | 118-96-7    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Triphenylphosphine Oxide                    | 791-28-6    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Tris(1,3-Dichloro-2-propyl) Phosphate       | 13674-87-8  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Tris(2-chloroethyl)phosphate                | 115-96-8    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Tris(2-ethylhexyl)phosphate                 | 78-42-2     |                                    |                                       |                                 |
| 3.0E-04                                    | A           |  |             |                                      |              | Uranium (Soluble Salts)                     | NA          |                                    | 3.1E-01                               |                                 |
| 2.9E-04                                    | C           |  |             |                                      |              | Urethane                                    | 51-79-6     | 8.4E-03                            |                                       |                                 |
| 8.3E-03                                    | P           | 7.0E-06                                  |             |                                      | P            | Vanadium Pentoxide                          | 1314-62-1   | 2.9E-04                            | 7.3E-03                               |                                 |
|  |             |  |             |                                      |              | Vanadium Sulfate                            | 36907-42-3  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Vanadium and Compounds                      | NA          |                                    |                                       |                                 |
| 1.0E-04                                    | A           |  |             |                                      |              | Vanadium, Metallic                          | 7440-62-2   |                                    | 1.0E-01                               |                                 |
|  |             |  |             |                                      |              | Vernolate                                   | 1929-77-7   |                                    |                                       |                                 |

Regional Screening Level (RSL) Resident Air Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |  |             |                                      | Contaminant  |                 | Carcinogenic Target Risk (TR) = 1E-06 | Noncancer Hazard Index (HI) = 1    |                                    |
|--|-------------|--|-------------|--------------------------------------|--------------|-----------------|---------------------------------------|------------------------------------|------------------------------------|
| IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup>  | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>u<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte         | CAS No.                               | Inhalation<br>(ug/m <sup>3</sup> ) | Inhalation<br>(ug/m <sup>3</sup> ) |
| 3.2E-05                                    | H           | 2.0E-01                                  | I           | V                                    |              | Vinclozolin     | 50471-44-8                            | 7.6E-02                            | 2.1E+02                            |
|  |             |  |             |                                      |              | Vinyl Acetate   | 108-05-4                              |                                    |                                    |
|  |             |  |             |                                      |              | Vinyl Bromide   | 593-60-2                              |                                    |                                    |
| 4.4E-06                                    | I           | 1.0E-01                                  | I           | V                                    | M            | Vinyl Chloride  | 75-01-4                               | 1.6E-01                            | 1.0E+02                            |
|  |             |  |             |                                      |              | Warfarin        | 81-81-2                               |                                    |                                    |
|  |             |  |             |                                      |              | Xylene, Mixture | 1330-20-7                             |                                    |                                    |
| 7.0E-01                                    | C           | 7.0E-01                                  | C           | V                                    |              | Xylene, P-      | 106-42-3                              |                                    | 7.3E+02                            |
|  |             |  |             |                                      |              | Xylene, m-      | 108-38-3                              |                                    |                                    |
|  |             |  |             |                                      |              | Xylene, o-      | 95-47-6                               |                                    |                                    |
| 7.0E-01                                    | C           | 7.0E-01                                  | C           | V                                    |              | Zinc (Metallic) | 7440-66-6                             |                                    | 7.3E+02                            |
|  |             |  |             |                                      |              | Zinc Phosphide  | 1314-84-7                             |                                    |                                    |
|  |             |  |             |                                      |              | Zineb           | 12122-67-7                            |                                    |                                    |

Regional Screening Level (RSL) Industrial Air Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |  |             |                                      |              | Contaminant                 |            | Carcinogenic Target Risk (TR) = 1E-06 | Noncancer Hazard Index (HI) = 1    |
|--|-------------|--|-------------|--------------------------------------|--------------|-----------------------------|------------|---------------------------------------|------------------------------------|
| IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup>  | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte                     | CAS No.    | Inhalation<br>(ug/m <sup>3</sup> )    | Inhalation<br>(ug/m <sup>3</sup> ) |
| 5.1E-06                                    | C           |  |             |                                      |              | ALAR                        | 1596-84-5  | 2.4E+00                               |                                    |
| 2.2E-06                                    | I           | 9.0E-03                                  | I           | V                                    |              | Acephate                    | 30560-19-1 | 5.6E+00                               | 3.9E+01                            |
|  |             |  |             |                                      |              | Acetaldehyde                | 75-07-0    |                                       |                                    |
|  |             | 3.1E+01                                  | A           | V                                    |              | Acetochlor                  | 34256-82-1 |                                       |                                    |
|  |             | 6.0E-02                                  | P           | V                                    |              | Acetone                     | 67-64-1    |                                       | 1.4E+05                            |
|  |             |  |             |                                      |              | Acetone Cyanohydrin         | 75-86-5    |                                       | 2.6E+02                            |
|  |             | 6.0E-02                                  | I           | V                                    |              | Acetonitrile                | 75-05-8    |                                       | 2.6E+02                            |
| 1.3E-03                                    | C           |  |             | V                                    |              | Acetophenone                | 98-86-2    |                                       |                                    |
|  |             |  |             |                                      |              | Acetylaminofluorene, 2-     | 53-96-3    | 9.4E-03                               |                                    |
|  |             | 2.0E-05                                  | I           | V                                    |              | Acrolein                    | 107-02-8   |                                       | 8.8E-02                            |
| 1.0E-04                                    | I           | 6.0E-03                                  | I           |                                      | M            | Acrylamide                  | 79-06-1    | 1.2E-01                               | 2.6E+01                            |
|  |             | 1.0E-03                                  | I           |                                      |              | Acrylic Acid                | 79-10-7    |                                       | 4.4E+00                            |
| 6.8E-05                                    | I           | 2.0E-03                                  | I           | V                                    |              | Acrylonitrile               | 107-13-1   | 1.8E-01                               | 8.8E+00                            |
|  |             | 6.0E-03                                  | P           |                                      |              | Adiponitrile                | 111-69-3   |                                       | 2.6E+01                            |
|  |             |  |             |                                      |              | Alachlor                    | 15972-60-8 |                                       |                                    |
| 4.9E-03                                    | I           |  |             |                                      |              | Aldicarb                    | 116-06-3   |                                       |                                    |
|  |             |  |             |                                      |              | Aldicarb Sulfone            | 1646-88-4  |                                       |                                    |
|  |             |  |             |                                      |              | Aldrin                      | 309-00-2   | 2.5E-03                               |                                    |
| 6.0E-06                                    | C           | 1.0E-04                                  | X           |                                      |              | Allyl                       | 74223-64-6 |                                       | 4.4E-01                            |
|  |             | 1.0E-03                                  | I           | V                                    |              | Allyl Alcohol               | 107-18-6   | 2.0E+00                               | 4.4E+00                            |
|  |             |  |             |                                      |              | Allyl Chloride              | 107-05-1   |                                       |                                    |
|  |             | 5.0E-03                                  | P           |                                      |              | Aluminum                    | 7429-90-5  |                                       | 2.2E+01                            |
|  |             |  |             |                                      |              | Aluminum Phosphide          | 20859-73-8 |                                       |                                    |
|  |             |  |             |                                      |              | Amdro                       | 67485-29-4 |                                       |                                    |
| 6.0E-03                                    | C           |  |             |                                      |              | Ametryn                     | 834-12-8   | 2.0E-03                               |                                    |
|  |             |  |             |                                      |              | Aminobiphenyl, 4-           | 92-67-1    |                                       |                                    |
|  |             |  |             |                                      |              | Aminophenol, m-             | 591-27-5   |                                       |                                    |
|  |             | 1.0E-01                                  | I           |                                      |              | Aminophenol, p-             | 123-30-8   |                                       |                                    |
|  |             |  |             |                                      |              | Amitraz                     | 33089-61-1 |                                       | 4.4E+02                            |
|  |             |  |             |                                      |              | Ammonia                     | 7664-41-7  |                                       |                                    |
| 1.6E-06                                    | C           | 1.0E-03                                  | I           |                                      |              | Ammonium Perchlorate        | 7790-98-9  |                                       |                                    |
|  |             |  |             |                                      |              | Ammonium Sulfamate          | 7773-06-0  |                                       |                                    |
|  |             |  |             |                                      |              | Aniline                     | 62-53-3    | 7.7E+00                               | 4.4E+00                            |
|  |             |  |             |                                      |              | Antimony (metallic)         | 7440-36-0  |                                       |                                    |
|  |             |  |             |                                      |              | Antimony Pentoxide          | 1314-60-9  |                                       |                                    |
|  |             |  |             |                                      |              | Antimony Potassium Tartrate | 11071-15-1 |                                       |                                    |
|  |             | 2.0E-04                                  | I           |                                      |              | Antimony Tetroxide          | 1332-81-6  |                                       | 8.8E-01                            |
|  |             |  |             |                                      |              | Antimony Trioxide           | 1309-64-4  |                                       |                                    |
|  |             |  |             |                                      |              | Apollo                      | 74115-24-5 |                                       |                                    |
| 7.1E-06                                    | I           |  |             |                                      |              | Aramite                     | 140-57-8   | 1.7E+00                               |                                    |
| 4.3E-03                                    | I           | 1.5E-05                                  | C           |                                      |              | Arsenic, Inorganic          | 7440-38-2  | 2.9E-03                               | 6.6E-02                            |
|  |             | 5.0E-05                                  | I           |                                      |              | Arsine                      | 7784-42-1  |                                       | 2.2E-01                            |
|  |             |  |             |                                      |              | Assure                      | 76578-14-8 |                                       |                                    |
|  |             |  |             |                                      |              | Asulam                      | 3337-71-1  |                                       |                                    |
|  |             |  |             |                                      |              | Atrazine                    | 1912-24-9  |                                       |                                    |
| 2.5E-04                                    | C           |  |             |                                      |              | Auramine                    | 492-80-8   | 4.9E-02                               |                                    |
| 3.1E-05                                    | I           |  |             | V                                    |              | Avermectin B1               | 65195-55-3 |                                       |                                    |
|  |             | 5.0E-04                                  | H           |                                      |              | Azobenzene                  | 103-33-3   | 4.0E-01                               |                                    |
|  |             |  |             |                                      |              | Barium                      | 7440-39-3  |                                       | 2.2E+00                            |
|  |             |  |             |                                      |              | Baygon                      | 114-26-1   |                                       |                                    |
|  |             |  |             |                                      |              | Bayleton                    | 43121-43-3 |                                       |                                    |
|  |             |  |             |                                      |              | Baythroid                   | 68359-37-5 |                                       |                                    |
|  |             |  |             |                                      |              | Benefin                     | 1861-40-1  |                                       |                                    |
|  |             |  |             |                                      |              | Benomyl                     | 17804-35-2 |                                       |                                    |
|  |             |  |             | V                                    |              | Bentazon                    | 25057-89-0 |                                       |                                    |
| 7.8E-06                                    | I           | 3.0E-02                                  | I           | V                                    |              | Benzaldehyde                | 100-52-7   | 1.6E+00                               | 1.3E+02                            |
|  |             |  |             | V                                    |              | Benzene                     | 71-43-2    |                                       |                                    |
| 6.7E-02                                    | I           |  |             |                                      | M            | Benzenethiol                | 108-98-5   |                                       |                                    |
|  |             |  |             |                                      |              | Benzydine                   | 92-87-5    | 1.8E-04                               |                                    |
|  |             |  |             |                                      |              | Benzoic Acid                | 65-85-0    |                                       |                                    |
|  |             |  |             | V                                    |              | Benzotrithloride            | 98-07-7    |                                       |                                    |
| 4.9E-05                                    | C           | 1.0E-03                                  | P           | V                                    |              | Benzyl Alcohol              | 100-51-6   | 2.5E-01                               | 4.4E+00                            |
|  |             |  |             |                                      |              | Benzyl Chloride             | 100-44-7   |                                       |                                    |

Regional Screening Level (RSL) Industrial Air Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |  |             |                                      | Contaminant  |   | Carcinogenic Target Risk (TR) = 1E-06 | Noncancer Hazard Index (HI) = 1    |                                    |
|--|-------------|--|-------------|--------------------------------------|--------------|---|---------------------------------------|------------------------------------|------------------------------------|
| IUR<br>(ug/m <sup>3</sup> -1               | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte   | CAS No.                               | Inhalation<br>(ug/m <sup>3</sup> ) | Inhalation<br>(ug/m <sup>3</sup> ) |
| 2.4E-03                                    | I           | 2.0E-05                                  | I           |                                      |              | Beryllium and compounds<br>Bidrin<br>Bifenox  | 7440-41-7<br>141-66-2<br>42576-02-3   | 5.1E-03                            | 8.8E-02                            |
| 1.0E-05                                    | H           |  |             | V                                    |              | Biphenthrin<br>Biphenyl, 1,1'-<br>Bis(2-chloro-1-methylethyl) ether                 | 82657-04-3<br>92-52-4<br>108-60-1     | 1.2E+00                            |                                    |
| 3.3E-04<br>2.4E-06                         | I<br>C      |  |             | V                                    |              | Bis(2-chloroethoxy)methane<br>Bis(2-chloroethyl)ether<br>Bis(2-ethylhexyl)phthalate | 111-91-1<br>111-44-4<br>117-81-7      | 3.7E-02<br>5.1E+00                 |                                    |
| 6.2E-02                                    | I           |  |             | V                                    |              | Bis(chloromethyl)ether<br>Bisphenol A<br>Boron And Borates Only                     | 542-88-1<br>80-05-7<br>7440-42-8      | 2.0E-04                            | 8.8E+01                            |
|  |             | 2.0E-02                                  | H           |                                      |              | Boron Trifluoride<br>Bromate<br>Bromo-2-chloroethane, 1-                            | 7637-07-2<br>15541-45-4<br>107-04-0   | 2.0E-02                            | 5.7E+01                            |
| 6.0E-04                                    | X           |  |             | V                                    |              | Bromobenzene<br>Bromodichloromethane<br>Bromoform                                   | 108-86-1<br>75-27-4<br>75-25-2        | 3.3E-01<br>1.1E+01                 | 2.6E+02                            |
|  |             | 6.0E-02                                  | I           | V                                    |              | Bromomethane<br>Bromophos<br>Bromoxynil   | 74-83-9<br>2104-96-3<br>1689-84-5     |                                    | 2.2E+01                            |
| 3.0E-05                                    | I           | 2.0E-03                                  | I           | V                                    |              | Bromoxynil Octanoate<br>Butadiene, 1,3-<br>Butanol, N-                              | 1689-99-2<br>106-99-0<br>71-36-3      | 4.1E-01                            | 8.8E+00                            |
|  |             | 3.0E+01                                  | P           |                                      |              | Butyl Benzyl Phthlate<br>Butyl alcohol, sec-<br>Butylate                            | 85-68-7<br>78-92-2<br>2008-41-5       |                                    | 1.3E+05                            |
| 5.7E-08                                    | C           |  |             |                                      |              | Butylated hydroxyanisole<br>Butylphthalyl Butylglycolate<br>Cacodylic Acid          | 25013-16-5<br>85-70-1<br>75-60-5      | 2.2E+02                            |                                    |
| 1.8E-03<br>1.8E-03                         | I<br>I      | 1.0E-05<br>1.0E-05                       | A<br>A      |                                      |              | Cadmium (Diet)<br>Cadmium (Water)<br>Caprolactam                                    | 7440-43-9<br>7440-43-9<br>105-60-2    | 6.8E-03                            | 4.4E-02                            |
| 4.3E-05<br>6.6E-07                         | C<br>C      |  |             |                                      |              | Captafol<br>Captan<br>Carbaryl  | 2425-06-1<br>133-06-2<br>63-25-2      | 2.9E-01<br>1.9E+01                 |                                    |
|  |             | 7.0E-01                                  | I           | V                                    |              | Carbofuran<br>Carbon Disulfide<br>Carbon Tetrachloride                              | 1563-66-2<br>75-15-0<br>56-23-5       |                                    | 3.1E+03<br>4.4E+02                 |
|  |             | 1.0E-01                                  | I           | V                                    |              | Carbosulfan<br>Carboxin<br>Ceric oxide  | 55285-14-8<br>5234-68-4<br>1306-38-3  |                                    | 3.9E+00                            |
|  |             | 9.0E-04                                  | I           |                                      |              | Chloral Hydrate<br>Chloramben<br>Chloranil  | 302-17-0<br>133-90-4<br>118-75-2      |                                    |                                    |
| 1.0E-04<br>4.6E-03                         | I<br>C      | 7.0E-04                                  | I           |                                      |              | Chlordane<br>Chlordecone (Kepone)<br>Chlorfenvinphos                                | 12789-03-6<br>143-50-0<br>470-90-6    | 1.2E-01<br>2.7E-03                 | 3.1E+00                            |
|  |             | 1.5E-04<br>2.0E-04                       | A<br>I      |                                      |              | Chlorimuron, Ethyl-<br>Chlorine<br>Chlorine Dioxide                                 | 90982-32-4<br>7782-50-5<br>10049-04-4 |                                    | 6.4E-01<br>8.8E-01                 |
| 3.0E-04                                    | I           | 5.0E+01<br>2.0E-02                       | I<br>I      | V<br>V                               |              | Chlorite (Sodium Salt)<br>Chloro-1,1-difluoroethane, 1-<br>Chloro-1,3-butadiene, 2- | 7758-19-2<br>75-68-3<br>126-99-8      | 4.1E-02                            | 2.2E+05<br>8.8E+01                 |
|  |             | 3.0E-05                                  | I           |                                      |              | Chloro-2-methylaniline HCl, 4-<br>Chloroacetaldehyde, 2-<br>Chloroacetic Acid       | 3165-93-3<br>107-20-0<br>79-11-8      |                                    |                                    |
|  |             | 5.0E-02                                  | P           | V                                    |              | Chloroacetophenone, 2-<br>Chloroaniline, p-<br>Chlorobenzene                        | 532-27-4<br>106-47-8<br>108-90-7      |                                    | 1.3E-01<br>2.2E+02                 |
| 3.1E-05                                    | C           |  |             |                                      |              | Chlorobenzilate<br>Chlorobenzoic Acid, p-<br>Chlorobenzotrifluoride, 4-             | 510-15-6<br>74-11-3<br>98-56-6        | 4.0E-01                            | 1.3E+03                            |

Regional Screening Level (RSL) Industrial Air Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |  |             |                                      |              | Contaminant  |            | Carcinogenic Target Risk (TR) = 1E-06 | Noncancer Hazard Index (HI) = 1    |
|--|-------------|--|-------------|--------------------------------------|--------------|--|------------|---------------------------------------|------------------------------------|
| IUR<br>(ug/m <sup>3</sup> -1               | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte  | CAS No.    | Inhalation<br>(ug/m <sup>3</sup> )    | Inhalation<br>(ug/m <sup>3</sup> ) |
| 2.3E-05                                    | I           | 5.0E+01                                  | I           | V                                    | V            | Chlorobutane, 1-   | 109-69-3   | 5.3E-01                               | 2.2E+05                            |
|  |             |  |             |                                      |              | Chlorodifluoromethane  | 75-45-6    |                                       |                                    |
|  |             |  |             |                                      |              | Chloroform   | 67-66-3    |                                       |                                    |
| 6.9E-04                                    | C           | 9.0E-02                                  | I           | V                                    | V            | Chloromethane  | 74-87-3    | 1.8E-02                               | 3.9E+02                            |
|  |             |  |             |                                      |              | Chloromethyl Methyl Ether                                    | 107-30-2   |                                       |                                    |
|  |             |  |             |                                      |              | Chloronaphthalene, Beta-                                     | 91-58-7    |                                       |                                    |
| 8.9E-07                                    | C           | 1.0E-05                                  | X           | V                                    | V            | Chloronitrobenzene, o-                                       | 88-73-3    | 1.4E+01                               | 4.4E-02                            |
|  |             |  |             |                                      |              | Chloronitrobenzene, p-                                       | 100-00-5   |                                       |                                    |
|  |             |  |             |                                      |              | Chlorophenol, 2-   | 95-57-8    |                                       |                                    |
| 6.9E-02                                    | C           | 4.0E-04                                  | C           | V                                    | V            | Chloropicrin   | 76-06-2    | 1.8E-04                               | 1.8E+00                            |
|  |             |  |             |                                      |              | Chlorothalonil   | 1897-45-6  |                                       |                                    |
|  |             |  |             |                                      |              | Chlorotoluene, o-  | 95-49-8    |                                       |                                    |
| 8.4E-02                                    | S           | 1.0E-04                                  | I           | M                                    | M            | Chlorotoluene, p-  | 106-43-4   | 1.5E-04                               | 4.4E-01                            |
|  |             |  |             |                                      |              | Chlorozotocin  | 54749-90-5 |                                       |                                    |
|  |             |  |             |                                      |              | Chlorpropham   | 101-21-3   |                                       |                                    |
| 9.0E-03                                    | P           | 6.0E-06                                  | P           | M                                    | M            | Chlorpyrifos   | 2921-88-2  | 1.4E-03                               | 2.6E-02                            |
|  |             |  |             |                                      |              | Chlorpyrifos Methyl  | 5598-13-0  |                                       |                                    |
|  |             |  |             |                                      |              | Chlorsulfuron  | 64902-72-3 |                                       |                                    |
| 6.2E-04                                    | I           | 6.0E-01                                  | C           | C                                    | C            | Chlorthiophos  | 60238-56-4 | 2.0E-02                               | 2.6E+03                            |
|  |             |  |             |                                      |              | Chromium(III), Insoluble Salts                               | 16065-83-1 |                                       |                                    |
|  |             |  |             |                                      |              | Chromium(VI)   | 18540-29-9 |                                       |                                    |
| 6.3E-05                                    | C           | 4.0E-01                                  | I           | V                                    | V            | Chromium, Total  | 7440-47-3  | 1.9E-01                               | 1.8E+03                            |
|  |             |  |             |                                      |              | Cobalt   | 7440-48-4  |                                       |                                    |
|  |             |  |             |                                      |              | Coke Oven Emissions  | 8007-45-2  |                                       |                                    |
| 6.9E-05                                    | C           | 6.0E-01                                  | C           | C                                    | C            | Copper   | 7440-50-8  | 1.8E-01                               | 1.3E-01                            |
|  |             |  |             |                                      |              | Cresol, m-   | 108-39-4   |                                       |                                    |
|  |             |  |             |                                      |              | Cresol, o-   | 95-48-7    |                                       |                                    |
| 9.7E-05                                    | I           | 6.0E-01                                  | C           | V                                    | V            | Cresol, p-   | 106-44-5   | 1.3E-01                               | 1.3E-01                            |
|  |             |  |             |                                      |              | Cresol, p-chloro-m-  | 59-50-7    |                                       |                                    |
|  |             |  |             |                                      |              | Cresols  | 1319-77-3  |                                       |                                    |
| 6.9E-05                                    | C           | 6.0E-01                                  | C           | V                                    | V            | Crotonaldehyde, trans-                                       | 123-73-9   | 1.3E-01                               | 1.3E-01                            |
|  |             |  |             |                                      |              | Cumene   | 98-82-8    |                                       |                                    |
|  |             |  |             |                                      |              | Cupferron  | 135-20-6   |                                       |                                    |
| 9.7E-05                                    | I           | 6.0E-01                                  | C           | V                                    | V            | Cyanazine  | 21725-46-2 | 1.3E-01                               | 1.3E-01                            |
|  |             |  |             |                                      |              | <b>Cyanides</b>  |            |                                       |                                    |
|  |             |  |             |                                      |              | ~Calcium Cyanide   | 592-01-8   |                                       |                                    |
| 9.7E-05                                    | I           | 6.0E-01                                  | C           | V                                    | V            | ~Copper Cyanide  | 544-92-3   | 1.3E-01                               | 1.3E-01                            |
|  |             |  |             |                                      |              | ~Cyanide (CN-)   | 57-12-5    |                                       |                                    |
|  |             |  |             |                                      |              | ~Cyanogen  | 460-19-5   |                                       |                                    |
| 9.7E-05                                    | I           | 6.0E-01                                  | C           | V                                    | V            | ~Cyanogen Bromide  | 506-68-3   | 1.3E-01                               | 1.3E-01                            |
|  |             |  |             |                                      |              | ~Cyanogen Chloride   | 506-77-4   |                                       |                                    |
|  |             |  |             |                                      |              | ~Hydrogen Cyanide  | 74-90-8    |                                       |                                    |
| 9.7E-05                                    | I           | 6.0E-01                                  | C           | V                                    | V            | ~Potassium Cyanide   | 151-50-8   | 1.3E-01                               | 1.3E-01                            |
|  |             |  |             |                                      |              | ~Potassium Silver Cyanide                                    | 506-61-6   |                                       |                                    |
|  |             |  |             |                                      |              | ~Silver Cyanide  | 506-64-9   |                                       |                                    |
| 9.7E-05                                    | I           | 6.0E-01                                  | C           | V                                    | V            | ~Sodium Cyanide  | 143-33-9   | 1.3E-01                               | 1.3E-01                            |
|  |             |  |             |                                      |              | ~Thiocyanate   | 463-56-9   |                                       |                                    |
|  |             |  |             |                                      |              | ~Zinc Cyanide  | 557-21-1   |                                       |                                    |
| 9.7E-05                                    | I           | 6.0E-01                                  | C           | V                                    | V            | Cyclohexane  | 110-82-7   | 1.3E-01                               | 1.3E-01                            |
|  |             |  |             |                                      |              | Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-                  | 87-84-3    |                                       |                                    |
|  |             |  |             |                                      |              | Cyclohexanone  | 108-94-1   |                                       |                                    |
| 9.7E-05                                    | I           | 6.0E-01                                  | C           | V                                    | V            | Cyclohexylamine  | 108-91-8   | 1.3E-01                               | 1.3E-01                            |
|  |             |  |             |                                      |              | Cyhalothrin/karate   | 68085-85-8 |                                       |                                    |
|  |             |  |             |                                      |              | Cypermethrin   | 52315-07-8 |                                       |                                    |
| 9.7E-05                                    | I           | 6.0E-01                                  | C           | V                                    | V            | Cyromazine   | 66215-27-8 | 1.3E-01                               | 1.3E-01                            |
|  |             |  |             |                                      |              | DDD  | 72-54-8    |                                       |                                    |
|  |             |  |             |                                      |              | DDE, p,p'-   | 72-55-9    |                                       |                                    |
| 9.7E-05                                    | I           | 6.0E-01                                  | C           | V                                    | V            | DDT  | 50-29-3    | 1.3E-01                               | 1.3E-01                            |
|  |             |  |             |                                      |              | Dacthal  | 1861-32-1  |                                       |                                    |
|  |             |  |             |                                      |              | Dalapon  | 75-99-0    |                                       |                                    |
| 9.7E-05                                    | I           | 6.0E-01                                  | C           | V                                    | V            | Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209) | 1163-19-5  | 1.3E-01                               | 1.3E-01                            |
|  |             |  |             |                                      |              | Demeton  | 8065-48-3  |                                       |                                    |
|  |             |  |             |                                      |              | Di(2-ethylhexyl)adipate                                      | 103-23-1   |                                       |                                    |



Regional Screening Level (RSL) Industrial Air Supporting Table November 2010

| Toxicity and Chemical-specific Information |             |  |             |                                      |              |   | Contaminant  |                                    | Carcinogenic Target Risk (TR) = 1E-06 | Noncancer Hazard Index (HI) = 1 |
|--|-------------|--|-------------|--------------------------------------|--------------|---|--|------------------------------------|---------------------------------------|---------------------------------|
| IUR<br>(ug/m <sup>3</sup> -y)              | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte   | CAS No.  | Inhalation<br>(ug/m <sup>3</sup> ) | Inhalation<br>(ug/m <sup>3</sup> )    |                                 |
| 6.0E-03                                    | P           | 2.0E-04                                  | I           | V                                    | M            | Diallate<br>Diazinon<br>Dibromo-3-chloropropane, 1,2-   | 2303-16-4<br>333-41-5<br>96-12-8                                       | 2.0E-03                            | 8.8E-01                               |                                 |
| 2.7E-05                                    | C           |  |             | V                                    |              | Dibromobenzene, 1,4-<br>Dibromochloromethane<br>Dibromoethane, 1,2-   | 106-37-6<br>124-48-1<br>106-93-4                                       | 4.5E-01<br>2.0E-02                 | 3.9E+01                               |                                 |
|  |             | 4.0E-03                                  | X           | V                                    |              | Dibromomethane (Methylene Bromide)<br>Dibutyl Phthalate<br>Dibutyltin Compounds   | 74-95-3<br>84-74-2<br>NA   |                                    | 1.8E+01                               |                                 |
| 4.2E-03                                    | P           |  |             | V                                    |              | Dicamba<br>Dichloro-2-butene, 1,4-<br>Dichloro-2-butene, cis-1,4-   | 1918-00-9<br>764-41-0<br>1476-11-5                                     | 2.9E-03<br>2.9E-03                 |                                       |                                 |
| 4.2E-03                                    | P           |  |             | V                                    |              | Dichloro-2-butene, trans-1,4-<br>Dichloroacetic Acid<br>Dichlorobenzene, 1,2-   | 110-57-6<br>79-43-6<br>95-50-1   | 2.9E-03                            | 8.8E+02                               |                                 |
| 1.1E-05                                    | C           | 8.0E-01                                  | I           | V                                    |              | Dichlorobenzene, 1,4-<br>Dichlorobenzidine, 3,3'-<br>Dichlorobenzophenone, 4,4'-  | 106-46-7<br>91-94-1<br>90-98-2   | 1.1E+00<br>3.6E-02                 | 3.5E+03                               |                                 |
| 1.6E-06                                    | C           | 2.0E-01                                  | H           | V                                    |              | Dichlorodifluoromethane<br>Dichloroethane, 1,1-<br>Dichloroethane, 1,2-   | 75-71-8<br>75-34-3<br>107-06-2   | 7.7E+00<br>4.7E-01                 | 8.8E+02<br>1.1E+04                    |                                 |
| 2.6E-05                                    | I           | 2.4E+00                                  | A           | V                                    |              | Dichloroethylene, 1,1-<br>Dichloroethylene, 1,2- (Mixed Isomers)<br>Dichloroethylene, 1,2-cis-  | 75-35-4<br>540-59-0<br>156-59-2  |                                    | 8.8E+02                               |                                 |
|  |             | 6.0E-02                                  | P           | V                                    |              | Dichloroethylene, 1,2-trans-<br>Dichlorophenol, 2,4-<br>Dichlorophenoxy Acetic Acid, 2,4-   | 156-60-5<br>120-83-2<br>94-75-7  |                                    | 2.6E+02                               |                                 |
| 1.0E-05                                    | C           | 4.0E-03                                  | I           | V                                    | V            | Dichlorophenoxybutyric Acid, 4-(2,4-<br>Dichloropropane, 1,2-<br>Dichloropropane, 1,3-  | 94-82-6<br>78-87-5<br>142-28-9   | 1.2E+00                            | 1.8E+01                               |                                 |
| 4.0E-06                                    | I           | 2.0E-02                                  | I           | V                                    |              | Dichloropropanol, 2,3-<br>Dichloropropene, 1,3-<br>Dichlorvos   | 616-23-9<br>542-75-6<br>62-73-7  | 3.1E+00<br>1.5E-01                 | 8.8E+01<br>2.2E+00                    |                                 |
| 4.6E-03                                    | I           | 7.0E-03                                  | P           | V                                    |              | Dicyclopentadiene<br>Dieldrin<br>Diesel Engine Exhaust  | 77-73-6<br>60-57-1<br>NA   | 2.7E-03<br>4.1E-02                 | 3.1E+01<br>2.2E+01                    |                                 |
| 3.0E-04                                    | C           | 5.0E-03                                  | I           |                                      |              | Diethanolamine<br>Diethyl Phthalate<br>Diethylene Glycol Monobutyl Ether  | 111-42-2<br>84-66-2<br>112-34-5  |                                    | 1.3E+01<br>4.4E-01                    |                                 |
| 1.0E-01                                    | C           | 3.0E-04                                  | P           |                                      |              | Diethylene Glycol Monoethyl Ether<br>Diethylformamide<br>Diethylstilbestrol   | 111-90-0<br>617-84-5<br>56-53-1  | 1.2E-04                            | 1.3E+00                               |                                 |
|  |             | 4.0E+01                                  | I           | V                                    |              | Difenzoquat<br>Diflubenzuron<br>Difluoroethane, 1,1-  | 43222-48-6<br>35367-38-5<br>75-37-6                                    |                                    | 1.8E+05                               |                                 |
| 1.3E-05                                    | C           | 4.0E-01                                  | P           | V                                    | V            | Dihydrosafrole<br>Diisopropyl Ether<br>Diisopropyl Methylphosphonate  | 94-58-6<br>108-20-3<br>1445-75-6                                       | 9.4E-01                            | 1.8E+03                               |                                 |
| 1.3E-03                                    | C           |  |             |                                      |              | Dimethipin<br>Dimethoate<br>Dimethoxybenzidine, 3,3'-<br>Dimethyl methylphosphonate<br>Dimethylamino azobenzene [p-]<br>Dimethylaniline HCl, 2,4- | 55290-64-7<br>60-51-5<br>119-90-4<br>756-79-6<br>60-11-7<br>21436-96-4 | 9.4E-03                            |                                       |                                 |
|  |             |  |             | V                                    |              | Dimethylaniline, 2,4-<br>Dimethylaniline, N,N-<br>Dimethylbenzidine, 3,3'-  | 95-68-1<br>121-69-7<br>119-93-7  |                                    |                                       |                                 |
| 1.6E-01                                    | C           | 3.0E-02                                  | I           | X                                    |              | Dimethylformamide<br>Dimethylhydrazine, 1,1-<br>Dimethylhydrazine, 1,2-   | 68-12-2<br>57-14-7<br>540-73-8   | 7.7E-05                            | 1.3E+02<br>8.8E-03                    |                                 |
|  |             |  |             |                                      |              | Dimethylphenol, 2,4-<br>Dimethylphenol, 2,6-<br>Dimethylphenol, 3,4-  | 105-67-9<br>576-26-1<br>95-65-8  |                                    |                                       |                                 |

Regional Screening Level (RSL) Industrial Air Supporting Table November 2010

| Toxicity and Chemical-specific Information |             |  |             |                                      |              |                                      | Contaminant |                                    | Carcinogenic Target Risk (TR) = 1E-06 | Noncancer Hazard Index (HI) = 1 |
|--|-------------|--|-------------|--------------------------------------|--------------|--------------------------------------|-------------|------------------------------------|---------------------------------------|---------------------------------|
| IUR<br>(ug/m <sup>3</sup> -y)              | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte                              | CAS No.     | Inhalation<br>(ug/m <sup>3</sup> ) | Inhalation<br>(ug/m <sup>3</sup> )    |                                 |
| 1.3E-05                                    | C           |  |             | V                                    |              | Dimethylterephthalate                | 120-61-6    | 9.4E-01                            |                                       |                                 |
|  |             |  |             |                                      |              | Dimethylvinylchloride                | 513-37-1    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Dinitro-o-cresol, 4,6-               | 534-52-1    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Dinitro-o-cyclohexyl Phenol, 4,6-    | 131-89-5    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Dinitrobenzene, 1,2-                 | 528-29-0    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Dinitrobenzene, 1,3-                 | 99-65-0     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Dinitrobenzene, 1,4-                 | 100-25-4    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Dinitrophenol, 2,4-                  | 51-28-5     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Dinitrotoluene Mixture, 2,4/2,6-     | 25321-14-6  |                                    |                                       |                                 |
| 8.9E-05                                    | C           |  |             |                                      |              | Dinitrotoluene, 2,4-                 | 121-14-2    | 1.4E-01                            |                                       |                                 |
|  |             |  |             |                                      |              | Dinitrotoluene, 2,6-                 | 606-20-2    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Dinitrotoluene, 2-Amino-4,6-         | 35572-78-2  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Dinitrotoluene, 4-Amino-2,6-         | 19406-51-0  |                                    |                                       |                                 |
| 7.7E-06                                    | C           | 3.6E+00                                  | A           |                                      |              | Dinoseb                              | 88-85-7     | 1.6E+00                            | 1.6E+04                               |                                 |
|  |             |  |             |                                      |              | Dioxane, 1,4-                        | 123-91-1    |                                    |                                       |                                 |
| 1.3E+00                                    | I           |  |             |                                      |              | <b>Dioxins</b>                       |             |                                    |                                       |                                 |
| 3.8E+01                                    | C           | 4.0E-08                                  | C           |                                      |              | ~Hexachlorodibenzo-p-dioxin, Mixture | NA          | 9.4E-06                            |                                       |                                 |
|  |             |  |             |                                      |              | ~TCDD, 2,3,7,8-                      | 1746-01-6   | 3.2E-07                            | 1.8E-04                               |                                 |
|  |             |  |             |                                      |              | Diphenamid                           | 957-51-7    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Diphenyl Sulfone                     | 127-63-9    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Diphenylamine                        | 122-39-4    |                                    |                                       |                                 |
| 2.2E-04                                    | I           |  |             |                                      |              | Diphenylhydrazine, 1,2-              | 122-66-7    | 5.6E-02                            |                                       |                                 |
|  |             |  |             |                                      |              | Diquat                               | 85-00-7     |                                    |                                       |                                 |
| 2.1E-03                                    | C           |  |             |                                      |              | Direct Black 38                      | 1937-37-7   | 5.8E-03                            |                                       |                                 |
| 2.1E-03                                    | C           |  |             |                                      |              | Direct Blue 6                        | 2602-46-2   | 5.8E-03                            |                                       |                                 |
| 1.9E-03                                    | C           |  |             |                                      |              | Direct Brown 95                      | 16071-86-6  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Disulfoton                           | 298-04-4    | 6.5E-03                            |                                       |                                 |
|  |             |  |             |                                      |              | Dithiane, 1,4-                       | 505-29-3    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Diuron                               | 330-54-1    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Dodine                               | 2439-10-3   |                                    |                                       |                                 |
|  |             |  |             | V                                    |              | EPTC                                 | 759-94-4    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Endosulfan                           | 115-29-7    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Endothall                            | 145-73-3    |                                    |                                       |                                 |
| 1.2E-06                                    | I           | 1.0E-03                                  | I           | V                                    |              | Endrin                               | 72-20-8     | 1.0E+01                            | 4.4E+00                               |                                 |
|  |             | 2.0E-02                                  | I           | V                                    |              | Epichlorohydrin                      | 106-89-8    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Epoxybutane, 1,2-                    | 106-88-7    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Ethephon                             | 16672-87-0  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Ethion                               | 563-12-2    |                                    |                                       |                                 |
|  |             | 3.0E-01                                  | C           |                                      |              | Ethoxyethanol Acetate, 2-            | 111-15-9    |                                    | 1.3E+03                               |                                 |
|  |             |  |             |                                      |              | Ethoxyethanol, 2-                    | 110-80-5    |                                    | 8.8E+02                               |                                 |
|  |             |  |             | V                                    |              | Ethyl Acetate                        | 141-78-6    |                                    |                                       |                                 |
|  |             |  |             | V                                    |              | Ethyl Acrylate                       | 140-88-5    |                                    |                                       |                                 |
|  |             | 1.0E+01                                  | I           | V                                    |              | Ethyl Chloride                       | 75-00-3     |                                    | 4.4E+04                               |                                 |
|  |             |  |             | V                                    |              | Ethyl Ether                          | 60-29-7     |                                    |                                       |                                 |
|  |             |  |             | V                                    |              | Ethyl Methacrylate                   | 97-63-2     |                                    |                                       |                                 |
| 2.5E-06                                    | C           | 1.0E+00                                  | I           | V                                    |              | Ethyl-p-nitrophenyl Phosphonate      | 2104-64-5   | 4.9E+00                            | 4.4E+03                               |                                 |
|  |             |  |             |                                      |              | Ethylbenzene                         | 100-41-4    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Ethylene Cyanohydrin                 | 109-78-4    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Ethylene Diamine                     | 107-15-3    |                                    |                                       |                                 |
|  |             | 4.0E-01                                  | C           |                                      |              | Ethylene Glycol                      | 107-21-1    |                                    | 1.8E+03                               |                                 |
|  |             | 1.6E+00                                  | I           |                                      |              | Ethylene Glycol Monobutyl Ether      | 111-76-2    |                                    | 7.0E+03                               |                                 |
| 8.8E-05                                    | C           | 3.0E-02                                  | C           | V                                    |              | Ethylene Oxide                       | 75-21-8     | 1.4E-01                            | 1.3E+02                               |                                 |
| 1.3E-05                                    | C           |  |             |                                      |              | Ethylene Thiourea                    | 96-45-7     | 9.4E-01                            |                                       |                                 |
| 1.9E-02                                    | C           |  |             |                                      |              | Ethyleneimine                        | 151-56-4    | 6.5E-04                            |                                       |                                 |
|  |             |  |             |                                      |              | Ethylphthalyl Ethyl Glycolate        | 84-72-0     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Express                              | 101200-48-0 |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Fenamiphos                           | 22224-92-6  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Fenpropathrin                        | 39515-41-8  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Fluometuron                          | 2164-17-2   |                                    |                                       |                                 |
| 1.3E-02                                    | C           |  |             |                                      |              | Fluoride                             | 16984-48-8  |                                    | 5.7E+01                               |                                 |
| 1.3E-02                                    | C           |  |             |                                      |              | Fluorine (Soluble Fluoride)          | 7782-41-4   |                                    | 5.7E+01                               |                                 |
|  |             |  |             |                                      |              | Fluridone                            | 59756-60-4  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Flurprimidol                         | 56425-91-3  |                                    |                                       |                                 |

Regional Screening Level (RSL) Industrial Air Supporting Table November 2010

| Toxicity and Chemical-specific Information |             |  |             |                                      |              |   | Contaminant |                                    | Carcinogenic Target Risk (TR) = 1E-06 | Noncancer Hazard Index (HI) = 1 |
|--|-------------|--|-------------|--------------------------------------|--------------|---|-------------|------------------------------------|---------------------------------------|---------------------------------|
| IUR<br>(ug/m <sup>3</sup> -1               | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte   | CAS No.     | Inhalation<br>(ug/m <sup>3</sup> ) | Inhalation<br>(ug/m <sup>3</sup> )    |                                 |
|  |             |  |             |                                      |              | Flutolanil  | 66332-96-5  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Fluvalinate                                       | 69409-94-5  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Folpet  | 133-07-3    |                                    |                                       |                                 |
| 1.3E-05                                    | I           | 9.8E-03                                  | A           |                                      |              | Fomesafen   | 72178-02-0  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Fonofos   | 944-22-9    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Formaldehyde                                      | 50-00-0     | 9.4E-01                            | 4.3E+01                               |                                 |
|  |             | 3.0E-03                                  | P           |                                      |              | Formic Acid                                       | 64-18-6     |                                    | 1.3E+01                               |                                 |
|  |             |  |             |                                      |              | Fosetyl-AL  | 39148-24-8  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | <b>Furans</b>                                     |             |                                    |                                       |                                 |
|  |             |  |             | V                                    |              | ~Dibenzofuran                                     | 132-64-9    |                                    |                                       |                                 |
|  |             |  |             | V                                    |              | ~Furan  | 110-00-9    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Furazolidone                                      | 67-45-8     |                                    |                                       |                                 |
| 4.3E-04                                    | C           | 5.0E-02                                  | H           |                                      |              | Furfural  | 98-01-1     |                                    | 2.2E+02                               |                                 |
| 8.6E-06                                    | C           |  |             |                                      |              | Furium  | 531-82-8    | 2.9E-02                            |                                       |                                 |
|  |             |  |             |                                      |              | Furmecyclox                                       | 60568-05-0  | 1.4E+00                            |                                       |                                 |
|  |             | 8.0E-05                                  | C           |                                      |              | Glufosinate, Ammonium                             | 77182-82-2  |                                    |                                       |                                 |
|  |             | 1.0E-03                                  | H           |                                      |              | Glutaraldehyde                                    | 111-30-8    |                                    | 3.5E-01                               |                                 |
|  |             |  |             |                                      |              | Glycidyl  | 765-34-4    |                                    | 4.4E+00                               |                                 |
|  |             | 1.0E-02                                  | A           |                                      |              | Glyphosate  | 1071-83-6   |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Goal  | 42874-03-3  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Guthion   | 86-50-0     |                                    | 4.4E+01                               |                                 |
| 1.3E-03                                    | I           |  |             |                                      |              | Haloxypop, Methyl                                 | 69806-40-2  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Harmony   | 79277-27-3  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Heptachlor  | 76-44-8     | 9.4E-03                            |                                       |                                 |
| 2.6E-03                                    | I           |  |             |                                      |              | Heptachlor Epoxide                                | 1024-57-3   |                                    | 4.7E-03                               |                                 |
|  |             |  |             |                                      |              | Hexabromobenzene                                  | 87-82-1     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153) | 68631-49-2  |                                    |                                       |                                 |
| 4.6E-04                                    | I           |  |             |                                      |              | Hexachlorobenzene                                 | 118-74-1    | 2.7E-02                            |                                       |                                 |
| 2.2E-05                                    | I           |  |             |                                      |              | Hexachlorobutadiene                               | 87-68-3     | 5.6E-01                            |                                       |                                 |
| 1.8E-03                                    | I           |  |             |                                      |              | Hexachlorocyclohexane, Alpha-                     | 319-84-6    | 6.8E-03                            |                                       |                                 |
| 5.3E-04                                    | I           |  |             |                                      |              | Hexachlorocyclohexane, Beta-                      | 319-85-7    | 2.3E-02                            |                                       |                                 |
| 3.1E-04                                    | C           |  |             |                                      |              | Hexachlorocyclohexane, Gamma- (Lindane)           | 58-89-9     | 4.0E-02                            |                                       |                                 |
| 5.1E-04                                    | I           |  |             |                                      |              | Hexachlorocyclohexane, Technical                  | 608-73-1    | 2.4E-02                            |                                       |                                 |
| 4.0E-06                                    | I           | 2.0E-04                                  | I           |                                      |              | Hexachlorocyclopentadiene                         | 77-47-4     |                                    | 8.8E-01                               |                                 |
|  |             |  |             |                                      |              | Hexachloroethane                                  | 67-72-1     | 3.1E+00                            |                                       |                                 |
|  |             |  |             |                                      |              | Hexachlorophene                                   | 70-30-4     |                                    |                                       |                                 |
|  |             | 1.0E-05                                  | I           | V                                    |              | Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)     | 121-82-4    |                                    |                                       |                                 |
|  |             | 7.0E-01                                  | I           | V                                    |              | Hexamethylene Diisocyanate, 1,6-                  | 822-06-0    |                                    | 4.4E-02                               |                                 |
|  |             |  |             |                                      |              | Hexane, N-  | 110-54-3    |                                    | 3.1E+03                               |                                 |
|  |             | 3.0E-02                                  | I           | V                                    |              | Hexanedioic Acid                                  | 124-04-9    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Hexanone, 2-                                      | 591-78-6    |                                    | 1.3E+02                               |                                 |
|  |             |  |             |                                      |              | Hexazinone  | 51235-04-2  |                                    |                                       |                                 |
| 4.9E-03                                    | I           | 3.0E-05                                  | P           |                                      |              | Hydrazine   | 302-01-2    | 2.5E-03                            | 1.3E-01                               |                                 |
| 4.9E-03                                    | I           |  |             |                                      |              | Hydrazine Sulfate                                 | 10034-93-2  | 2.5E-03                            |                                       |                                 |
|  |             | 2.0E-02                                  | I           |                                      |              | Hydrogen Chloride                                 | 7647-01-0   |                                    | 8.8E+01                               |                                 |
|  |             | 1.4E-02                                  | C           |                                      |              | Hydrogen Fluoride                                 | 7664-39-3   |                                    | 6.1E+01                               |                                 |
|  |             | 2.0E-03                                  | I           |                                      |              | Hydrogen Sulfide                                  | 7783-06-4   |                                    | 8.8E+00                               |                                 |
|  |             |  |             |                                      |              | Hydroquinone                                      | 123-31-9    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Imazalil  | 35554-44-0  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Imazaquin   | 81335-37-7  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Iodine  | 7553-56-2   |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Iprodione   | 36734-19-7  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Iron  | 7439-89-6   |                                    |                                       |                                 |
|  |             |  |             | V                                    |              | Isobutyl Alcohol                                  | 78-83-1     |                                    |                                       |                                 |
|  |             | 2.0E+00                                  | C           |                                      |              | Isophorone  | 78-59-1     |                                    | 8.8E+03                               |                                 |
|  |             | 7.0E+00                                  | C           |                                      |              | Isopropalin                                       | 33820-53-0  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Isopropanol                                       | 67-63-0     |                                    | 3.1E+04                               |                                 |
|  |             | 3.0E-01                                  | A           | V                                    |              | Isopropyl Methyl Phosphonic Acid                  | 1832-54-8   |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Isoxaben  | 82558-50-7  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | JP-7  | NA          |                                    | 1.3E+03                               |                                 |
|  |             |  |             |                                      |              | Kerb  | 23950-58-5  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Lactofen  | 77501-63-4  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | <b>Lead Compounds</b>                             |             |                                    |                                       |                                 |

Regional Screening Level (RSL) Industrial Air Supporting Table November 2010

| Toxicity and Chemical-specific Information |             |  |             |                                      |              |   | Contaminant |                                    | Carcinogenic Target Risk (TR) = 1E-06 | Noncancer Hazard Index (HI) = 1 |
|--|-------------|--|-------------|--------------------------------------|--------------|---|-------------|------------------------------------|---------------------------------------|---------------------------------|
| IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup>  | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte                                       | CAS No.     | Inhalation<br>(ug/m <sup>3</sup> ) | Inhalation<br>(ug/m <sup>3</sup> )    |                                 |
| 8.0E-05                                    | C           |  |             |                                      |              | ~Lead acetate                                 | 301-04-2    | 1.5E-01                            |                                       |                                 |
| 1.1E-05                                    | C           |  |             |                                      |              | ~Lead and Compounds                           | 7439-92-1   | 1.1E+00                            |                                       |                                 |
|  |             |  |             |                                      |              | ~Lead subacetate                              | 1335-32-6   |                                    |                                       |                                 |
|  |             |  |             |                                      |              | ~Tetraethyl Lead                              | 78-00-2     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Linuron                                       | 330-55-2    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Lithium                                       | 7439-93-2   |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Lithium Perchlorate                           | 7791-03-9   |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Londax  | 83055-99-6  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | MCPA  | 94-74-6     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | MCPB  | 94-81-5     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | MCPP  | 93-65-2     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Malathion                                     | 121-75-5    |                                    |                                       |                                 |
| 7.0E-04                                    | C           |  |             |                                      |              | Maleic Anhydride                              | 108-31-6    |                                    | 3.1E+00                               |                                 |
|  |             |  |             |                                      |              | Maleic Hydrazide                              | 123-33-1    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Malononitrile                                 | 109-77-3    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Mancozeb                                      | 8018-01-7   |                                    |                                       |                                 |
| 5.0E-05                                    | I           |  |             |                                      |              | Maneb   | 12427-38-2  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Manganese (Diet)                              | 7439-96-5   |                                    |                                       |                                 |
| 5.0E-05                                    | I           |  |             |                                      |              | Manganese (Non-diet)                          | 7439-96-5   |                                    | 2.2E-01                               |                                 |
|  |             |  |             |                                      |              | Mephosfolan                                   | 950-10-7    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Mepiquat Chloride                             | 24307-26-4  |                                    |                                       |                                 |
| 3.0E-05                                    | C           |  |             |                                      |              | <b>Mercury Compounds</b>                      |             |                                    |                                       |                                 |
| 3.0E-04                                    | I V         |  |             |                                      |              | ~Mercuric Chloride (and other Mercury salts)  | 7487-94-7   |                                    | 1.3E-01                               |                                 |
|  |             |  |             |                                      |              | ~Mercury (elemental)                          | 7439-97-6   |                                    | 1.3E+00                               |                                 |
|  |             |  |             |                                      |              | ~Methyl Mercury                               | 22967-92-6  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | ~Phenylmercuric Acetate                       | 62-38-4     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Merphos                                       | 150-50-5    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Merphos Oxide                                 | 78-48-8     |                                    |                                       |                                 |
| 7.0E-04                                    | H V         |  |             |                                      |              | Metalaxyl                                     | 57837-19-1  |                                    | 3.1E+00                               |                                 |
|  |             |  |             |                                      |              | Methacrylonitrile                             | 126-98-7    |                                    |                                       |                                 |
| 4.0E+00                                    | C           |  |             |                                      |              | Methamidophos                                 | 10265-92-6  |                                    | 1.8E+04                               |                                 |
|  |             |  |             |                                      |              | Methanol                                      | 67-56-1     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Methidathion                                  | 950-37-8    |                                    |                                       |                                 |
| 1.4E-05                                    | C           |  |             |                                      |              | Methomyl                                      | 16752-77-5  | 8.8E-01                            |                                       |                                 |
|  |             |  |             |                                      |              | Methoxy-5-nitroaniline, 2-                    | 99-59-2     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Methoxychlor                                  | 72-43-5     |                                    |                                       |                                 |
| 9.0E-02                                    | C           |  |             |                                      |              | Methoxyethanol Acetate, 2-                    | 110-49-6    |                                    | 3.9E+02                               |                                 |
| 2.0E-02                                    | I           |  |             |                                      |              | Methoxyethanol, 2-                            | 109-86-4    |                                    | 8.8E+01                               |                                 |
|  |             |  |             |                                      |              | Methyl Acetate                                | 79-20-9     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Methyl Acrylate                               | 96-33-3     |                                    |                                       |                                 |
| 5.0E+00                                    | I V         |  |             |                                      |              | Methyl Ethyl Ketone (2-Butanone)              | 78-93-3     |                                    | 2.2E+04                               |                                 |
| 3.0E+00                                    | I V         |  |             |                                      |              | Methyl Isobutyl Ketone (4-methyl-2-pentanone) | 108-10-1    |                                    | 1.3E+04                               |                                 |
| 1.0E-03                                    | C           |  |             |                                      |              | Methyl Isocyanate                             | 624-83-9    |                                    | 4.4E+00                               |                                 |
| 7.0E-01                                    | I V         |  |             |                                      |              | Methyl Methacrylate                           | 80-62-6     |                                    | 3.1E+03                               |                                 |
|  |             |  |             |                                      |              | Methyl Parathion                              | 298-00-0    |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Methyl Phosphonic Acid                        | 993-13-5    |                                    |                                       |                                 |
| 2.8E-05                                    | C           | 4.0E-02                                  | H V         |                                      |              | Methyl Styrene (Mixed Isomers)                | 25013-15-4  | 4.4E-01                            | 1.8E+02                               |                                 |
|  |             |  |             |                                      |              | Methyl methanesulfonate                       | 66-27-3     |                                    |                                       |                                 |
| 2.6E-07                                    | C           | 3.0E+00                                  | I V         |                                      |              | Methyl tert-Butyl Ether (MTBE)                | 1634-04-4   | 4.7E+01                            | 1.3E+04                               |                                 |
|  |             |  |             |                                      |              | Methyl-5-Nitroaniline, 2-                     | 99-55-8     |                                    |                                       |                                 |
| 2.4E-03                                    | C           |  |             |                                      |              | Methyl-N-nitro-N-nitrosoguanidine, N-         | 70-25-7     | 5.1E-03                            |                                       |                                 |
| 3.7E-05                                    | C           |  |             |                                      |              | Methylaniline Hydrochloride, 2-               | 636-21-5    | 3.3E-01                            |                                       |                                 |
|  |             |  |             |                                      |              | Methylarsonic acid                            | 124-58-3    |                                    |                                       |                                 |
| 6.3E-03                                    | C           |  |             |                                      |              | Methylcholanthrene, 3-                        | 56-49-5     | 1.9E-03                            |                                       |                                 |
| 4.7E-07                                    | I           | 1.0E+00                                  | A V         |                                      |              | Methylene Chloride                            | 75-09-2     | 2.6E+01                            | 4.6E+03                               |                                 |
| 4.3E-04                                    | C           |  |             |                                      | M            | Methylene-bis(2-chloroaniline), 4,4'-         | 101-14-4    | 2.9E-02                            |                                       |                                 |
| 1.3E-05                                    | C           |  |             |                                      |              | Methylene-bis(N,N-dimethyl) Aniline, 4,4'-    | 101-61-1    | 9.4E-01                            |                                       |                                 |
| 4.6E-04                                    | C           | 2.0E-02                                  | C           |                                      |              | Methylenebisbenzenamine, 4,4'-                | 101-77-9    | 2.7E-02                            | 8.8E+01                               |                                 |
|  |             | 6.0E-04                                  | I           |                                      |              | Methylenediphenyl Diisocyanate                | 101-68-8    |                                    | 2.6E+00                               |                                 |
|  |             |  |             |                                      |              | Methylstyrene, Alpha-                         | 98-83-9     |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Metolachlor                                   | 51218-45-2  |                                    |                                       |                                 |
|  |             |  |             |                                      |              | Metribuzin                                    | 21087-64-9  |                                    |                                       |                                 |
| 4.5E-06                                    | X           | 1.0E-01                                  | P V         |                                      |              | Midrange Aliphatic Hydrocarbon Streams        | NA          | 2.7E+00                            | 4.4E+02                               |                                 |

Regional Screening Level (RSL) Industrial Air Supporting Table November 2010

| Toxicity and Chemical-specific Information  |             |  |             |                                      |                                 |   | Contaminant                            |                                    | Carcinogenic Target Risk (TR) = 1E-06 | Noncancer Hazard Index (HI) = 1 |
|---|-------------|--|-------------|--------------------------------------|---------------------------------|---|--|------------------------------------|---------------------------------------|---------------------------------|
| IUR<br>(ug/m <sup>3</sup> -y) <sup>-1</sup> | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | m<br>u<br>t<br>a<br>g<br>e<br>n | Analyte   | CAS No.                                | Inhalation<br>(ug/m <sup>3</sup> ) | Inhalation<br>(ug/m <sup>3</sup> )    |                                 |
| 5.1E-03                                     | C           |  |             |                                      |                                 | Mineral oils<br>Mirex<br>Molinate   | 8012-95-1<br>2385-85-5<br>2212-67-1    | 2.4E-03                            |                                       |                                 |
|   |             |  |             |                                      |                                 | Molybdenum<br>Monochloramine<br>Monomethylaniline   | 7439-98-7<br>10599-90-3<br>100-61-8    |                                    |                                       |                                 |
|   |             |  |             |                                      |                                 | N,N'-Diphenyl-1,4-benzenediamine<br>Naled<br>Naphtha, High Flash Aromatic (HFAN)                  | 74-31-7<br>300-76-5<br>64724-95-6      |                                    | 4.4E+02                               |                                 |
| 0.0E+00                                     | C           |  |             |                                      |                                 | Naphthylamine, 2-<br>Napropamide<br>Nickel Carbonyl   | 91-59-8<br>15299-99-7<br>13463-39-3    |                                    | 2.2E-01                               |                                 |
|   |             |  |             |                                      |                                 | Nickel Oxide<br>Nickel Refinery Dust<br>Nickel Soluble Salts                                      | 1313-99-1<br>NA<br>7440-02-0           | 5.1E-02<br>4.7E-02                 | 4.4E-01<br>2.2E-01<br>3.9E-01         |                                 |
|   |             |  |             |                                      |                                 | Nickel Subsulfide<br>Nitrate<br>Nitrite   | 12035-72-2<br>14797-55-8<br>14797-65-0 | 2.6E-02                            | 2.2E-01                               |                                 |
|   |             |  |             |                                      |                                 | Nitroaniline, 2-<br>Nitroaniline, 4-<br>Nitrobenzene  | 88-74-4<br>100-01-6<br>98-95-3         | 3.1E-01                            | 2.2E-01<br>2.6E+01<br>3.9E+01         |                                 |
|   |             |  |             |                                      |                                 | Nitrocellulose<br>Nitrofurantoin<br>Nitrofurazone   | 9004-70-0<br>67-20-9<br>59-87-0        | 3.3E-02                            |                                       |                                 |
|   |             |  |             |                                      |                                 | Nitroglycerin<br>Nitroguanidine<br>Nitromethane   | 55-63-0<br>556-88-7<br>75-52-5         | 1.4E+00                            | 8.8E+01                               |                                 |
|   |             |  |             |                                      |                                 | Nitropropane, 2-<br>Nitroso-N-ethylurea, N-<br>Nitroso-N-methylurea, N-                           | 79-46-9<br>759-73-9<br>684-93-5        | 4.5E-03<br>1.6E-03<br>3.6E-04      | 8.8E+01                               |                                 |
|   |             |  |             |                                      |                                 | Nitroso-di-N-butylamine, N-<br>Nitroso-di-N-propylamine, N-<br>Nitrosodiethanolamine, N-          | 924-16-3<br>621-64-7<br>1116-54-7      | 7.7E-03<br>6.1E-03<br>1.5E-02      |                                       |                                 |
|   |             |  |             |                                      |                                 | Nitrosodiethylamine, N-<br>Nitrosodimethylamine, N-<br>Nitrosodiphenylamine, N-                   | 55-18-5<br>62-75-9<br>86-30-6          | 2.9E-04<br>8.8E-04<br>4.7E+00      | 1.8E-01                               |                                 |
|   |             |  |             |                                      |                                 | Nitrosomethylethylamine, N-<br>Nitrosomorpholine [N-]<br>Nitrosopiperidine [N-]                   | 10595-95-6<br>59-89-2<br>100-75-4      | 1.9E-03<br>6.5E-03<br>4.5E-03      |                                       |                                 |
|   |             |  |             |                                      |                                 | Nitrosopyrrolidine, N-<br>Nitrotoluene, m-<br>Nitrotoluene, o-                                    | 930-55-2<br>99-08-1<br>88-72-2         | 2.0E-02                            |                                       |                                 |
|   |             |  |             |                                      |                                 | Nitrotoluene, p-<br>Nonane, n-<br>Norflurazon   | 99-99-0<br>111-84-2<br>27314-13-2      |                                    | 8.8E+02                               |                                 |
|   |             |  |             |                                      |                                 | Nustar<br>Octabromodiphenyl Ether<br>Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)             | 85509-19-9<br>32536-52-0<br>2691-41-0  |                                    |                                       |                                 |
|   |             |  |             |                                      |                                 | Octamethylpyrophosphoramidate<br>Oryzalin<br>Oxadiazon  | 152-16-9<br>19044-88-3<br>19666-30-9   |                                    |                                       |                                 |
|   |             |  |             |                                      |                                 | Oxamyl<br>Paclobutrazol<br>Paraquat Dichloride  | 23135-22-0<br>76738-62-0<br>1910-42-5  |                                    |                                       |                                 |
|   |             |  |             |                                      |                                 | Parathion<br>Pebulate<br>Pendimethalin  | 56-38-2<br>1114-71-2<br>40487-42-1     |                                    |                                       |                                 |
|   |             |  |             |                                      |                                 | Pentabromodiphenyl Ether<br>Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)<br>Pentachlorobenzene | 32534-81-9<br>60348-60-9<br>608-93-5   |                                    |                                       |                                 |
| 5.1E-06                                     | C           |  |             |                                      |                                 | Pentachloroethane<br>Pentachloronitrobenzene<br>Pentachlorophenol                                 | 76-01-7<br>82-68-8<br>87-86-5          | 2.4E+00                            |                                       |                                 |

Regional Screening Level (RSL) Industrial Air Supporting Table November 2010

| Toxicity and Chemical-specific Information |             |  |             |                                      |              |   | Contaminant                          |                                    | Carcinogenic Target Risk (TR) = 1E-06 | Noncancer Hazard Index (HI) = 1 |
|--|-------------|--|-------------|--------------------------------------|--------------|---|--------------------------------------|------------------------------------|---------------------------------------|---------------------------------|
| IUR<br>(ug/m <sup>3</sup> -y)              | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte   | CAS No.                              | Inhalation<br>(ug/m <sup>3</sup> ) | Inhalation<br>(ug/m <sup>3</sup> )    |                                 |
| 1.0E+00                                    | P           | V  |             |                                      |              | Pentane, n-<br>Perchlorate and Perchlorate Salts<br>Permethrin                                      | 109-66-0<br>14797-73-0<br>52645-53-1 |                                    | 4.4E+03                               |                                 |
| 6.3E-07                                    | C           |  |             |                                      |              | Phenacetin<br>Phenmedipham<br>Phenol  | 62-44-2<br>13684-63-4<br>108-95-2    | 1.9E+01                            | 8.8E+02                               |                                 |
| 2.0E-01                                    | C           |  |             |                                      |              | Phenylenediamine, m-<br>Phenylenediamine, o-<br>Phenylenediamine, p-                                | 108-45-2<br>95-54-5<br>106-50-3      |                                    |                                       |                                 |
| 3.0E-04                                    | I           | V  |             |                                      |              | Phenylphenol, 2-<br>Phorate<br>Phosgene   | 90-43-7<br>298-02-2<br>75-44-5       |                                    | 1.3E+00                               |                                 |
| 3.0E-04                                    | I           |  |             |                                      |              | Phosmet<br>Phosphine<br>Phosphoric Acid   | 732-11-6<br>7803-51-2<br>7664-38-2   |                                    | 1.3E+00<br>4.4E+01                    |                                 |
| 1.0E-02                                    | I           |  |             |                                      |              | Phosphorus, White<br>Phthalic Acid, P-<br>Phthalic Anhydride  | 7723-14-0<br>100-21-0<br>85-44-9     |                                    | 8.8E+01                               |                                 |
| 2.0E-02                                    | C           |  |             |                                      |              | Picloram<br>Picramic Acid (2-Amino-4,6-dinitrophenol)<br>Pirimiphos, Methyl                         | 1918-02-1<br>96-91-3<br>29232-93-7   |                                    |                                       |                                 |
| 8.6E-03                                    | C           |  |             |                                      |              | Polybrominated Biphenyls<br><b>Polychlorinated Biphenyls (PCBs)</b>                                 | 59536-65-1                           | 1.4E-03                            |                                       |                                 |
| 2.0E-05                                    | S           |  |             |                                      |              | ~Aroclor 1016   | 12674-11-2                           | 6.1E-01                            |                                       |                                 |
| 5.7E-04                                    | S           |  |             | V                                    |              | ~Aroclor 1221   | 11104-28-2                           | 2.1E-02                            |                                       |                                 |
| 5.7E-04                                    | S           |  |             | V                                    |              | ~Aroclor 1232   | 11141-16-5                           | 2.1E-02                            |                                       |                                 |
| 5.7E-04                                    | S           |  |             |                                      |              | ~Aroclor 1242   | 53469-21-9                           | 2.1E-02                            |                                       |                                 |
| 5.7E-04                                    | S           |  |             |                                      |              | ~Aroclor 1248   | 12672-29-6                           | 2.1E-02                            |                                       |                                 |
| 5.7E-04                                    | S           |  |             |                                      |              | ~Aroclor 1254   | 11097-69-1                           | 2.1E-02                            |                                       |                                 |
| 5.7E-04                                    | S           |  |             |                                      |              | ~Aroclor 1260   | 11096-82-5                           | 2.1E-02                            |                                       |                                 |
| 1.1E-03                                    | E           | 1.3E-03                                  | E           |                                      |              | ~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)   | 39635-31-9                           | 1.1E-02                            | 5.8E+00                               |                                 |
| 1.1E-03                                    | E           | 1.3E-03                                  | E           |                                      |              | ~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)  | 52663-72-6                           | 1.1E-02                            | 5.8E+00                               |                                 |
| 1.1E-03                                    | E           | 1.3E-03                                  | E           |                                      |              | ~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)  | 69782-90-7                           | 1.1E-02                            | 5.8E+00                               |                                 |
| 1.1E-03                                    | E           | 1.3E-03                                  | E           |                                      |              | ~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)   | 38380-08-4                           | 1.1E-02                            | 5.8E+00                               |                                 |
| 1.1E+00                                    | E           | 1.3E-06                                  | E           |                                      |              | ~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)  | 32774-16-6                           | 1.1E-05                            | 5.8E-03                               |                                 |
| 1.1E-03                                    | E           | 1.3E-03                                  | E           |                                      |              | ~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)  | 65510-44-3                           | 1.1E-02                            | 5.8E+00                               |                                 |
| 1.1E-03                                    | E           | 1.3E-03                                  | E           |                                      |              | ~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)  | 31508-00-6                           | 1.1E-02                            | 5.8E+00                               |                                 |
| 1.1E-03                                    | E           | 1.3E-03                                  | E           |                                      |              | ~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)  | 32598-14-4                           | 1.1E-02                            | 5.8E+00                               |                                 |
| 1.1E-03                                    | E           | 1.3E-03                                  | E           |                                      |              | ~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)   | 74472-37-0                           | 1.1E-02                            | 5.8E+00                               |                                 |
| 3.8E+00                                    | E           | 4.0E-07                                  | E           |                                      |              | ~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)  | 57465-28-8                           | 3.2E-06                            | 1.8E-03                               |                                 |
| 5.7E-04                                    | I           |  |             |                                      |              | ~Polychlorinated Biphenyls (high risk)  | 1336-36-3                            | 2.1E-02                            |                                       |                                 |
| 1.0E-04                                    | I           |  |             |                                      |              | ~Polychlorinated Biphenyls (low risk)   | 1336-36-3                            | 1.2E-01                            |                                       |                                 |
| 2.0E-05                                    | I           |  |             |                                      |              | ~Polychlorinated Biphenyls (lowest risk)  | 1336-36-3                            | 6.1E-01                            |                                       |                                 |
| 3.8E-03                                    | E           | 4.0E-04                                  | E           |                                      |              | ~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)   | 32598-13-3                           | 3.2E-03                            | 1.8E+00                               |                                 |
| 1.1E-02                                    | E           | 1.3E-04                                  | E           |                                      |              | ~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)  | 70362-50-4                           | 1.1E-03                            | 5.8E-01                               |                                 |
| 6.0E-04                                    | I           |  |             |                                      |              | Polymeric Methylene Diphenyl Diisocyanate (PMDI)<br><b>Polynuclear Aromatic Hydrocarbons (PAHs)</b> | 9016-87-9                            |                                    | 2.6E+00                               |                                 |
|  |             |  |             | V                                    |              | ~Acenaphthene   | 83-32-9                              |                                    |                                       |                                 |
|  |             |  |             | V                                    |              | ~Anthracene   | 120-12-7                             |                                    |                                       |                                 |
| 1.1E-04                                    | C           |  |             |                                      | M            | ~Benz[a]anthracene  | 56-55-3                              | 1.1E-01                            |                                       |                                 |
| 1.1E-04                                    | C           |  |             |                                      |              | ~Benzo[j]fluoranthene   | 205-82-3                             | 1.1E-01                            |                                       |                                 |
| 1.1E-03                                    | C           |  |             |                                      | M            | ~Benzo[a]pyrene   | 50-32-8                              | 1.1E-02                            |                                       |                                 |
| 1.1E-04                                    | C           |  |             |                                      | M            | ~Benzo[b]fluoranthene   | 205-99-2                             | 1.1E-01                            |                                       |                                 |
| 1.1E-04                                    | C           |  |             |                                      | M            | ~Benzo[k]fluoranthene   | 207-08-9                             | 1.1E-01                            |                                       |                                 |
| 1.1E-05                                    | C           |  |             |                                      | M            | ~Chrysene   | 218-01-9                             | 1.1E+00                            |                                       |                                 |
| 1.2E-03                                    | C           |  |             |                                      | M            | ~Dibenz[a,h]anthracene  | 53-70-3                              | 1.0E-02                            |                                       |                                 |
| 1.1E-03                                    | C           |  |             |                                      |              | ~Dibenzo[a,e]pyrene   | 192-65-4                             | 1.1E-02                            |                                       |                                 |
| 7.1E-02                                    | C           |  |             |                                      |              | ~Dimethylbenz(a)anthracene, 7,12-<br>~Fluoranthene<br>~Fluorene                                     | 57-97-6<br>206-44-0<br>86-73-7       | 1.7E-04                            |                                       |                                 |
| 1.1E-04                                    | C           |  |             |                                      | M            | ~Indeno[1,2,3-cd]pyrene<br>~Methylnaphthalene, 1-<br>~Methylnaphthalene, 2-                         | 193-39-5<br>90-12-0<br>91-57-6       | 1.1E-01                            |                                       |                                 |

Regional Screening Level (RSL) Industrial Air Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |         |                               |             |         |              | Contaminant  |  | Carcinogenic Target Risk (TR) = 1E-06 | Noncancer Hazard Index (HI) = 1    |
|--|---------|-------------------------------|-------------|---------|--------------|--|--|---------------------------------------|------------------------------------|
| IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup>  | ke<br>y | RfCi<br>(mg/m <sup>3</sup> )  | ke<br>y     | vo<br>c | muta-<br>gen | Analyte  | CAS No.                                | Inhalation<br>(ug/m <sup>3</sup> )    | Inhalation<br>(ug/m <sup>3</sup> ) |
| 3.4E-05<br>1.1E-04                         | C<br>C  | 3.0E-03                       | I<br>V      | V       |              | ~Naphthalene<br>~Nitropyrene, 4-<br>~Pyrene  | 91-20-3<br>57835-92-4<br>129-00-0      | 3.6E-01<br>1.1E-01                    | 1.3E+01                            |
|  |         |                               |             |         |              | Potassium Perchlorate<br>Prochloraz<br>Profluralin   | 7778-74-7<br>67747-09-5<br>26399-36-0  |                                       |                                    |
|  |         |                               |             |         |              | Prometon<br>Prometryn<br>Propachlor  | 1610-18-0<br>7287-19-6<br>1918-16-7    |                                       |                                    |
|  |         |                               |             |         |              | Propanil<br>Propargite<br>Propargyl Alcohol  | 709-98-8<br>2312-35-8<br>107-19-7      |                                       |                                    |
|  |         |                               |             |         |              | Propazine<br>Propham<br>Propiconazole  | 139-40-2<br>122-42-9<br>60207-90-1     |                                       |                                    |
|  |         | 8.0E-03<br>1.0E+00<br>3.0E+00 | I<br>X<br>C | V<br>V  |              | Propionaldehyde<br>Propyl benzene<br>Propylene   | 123-38-6<br>103-65-1<br>115-07-1       |                                       | 3.5E+01<br>4.4E+03<br>1.3E+04      |
|  |         | 2.7E-04                       | A           | V       |              | Propylene Glycol<br>Propylene Glycol Dinitrate<br>Propylene Glycol Monoethyl Ether         | 57-55-6<br>6423-43-4<br>1569-02-4      |                                       | 1.2E+00                            |
| 3.7E-06                                    | I       | 2.0E+00<br>3.0E-02            | I           | V       |              | Propylene Glycol Monomethyl Ether<br>Propylene Oxide<br>Pursuit                            | 107-98-2<br>75-56-9<br>81335-77-5      | 3.3E+00                               | 8.8E+03<br>1.3E+02                 |
|  |         |                               |             | V       |              | Pydrin<br>Pyridine<br>Quinalphos   | 51630-58-1<br>110-86-1<br>13593-03-8   |                                       |                                    |
|  |         | 3.0E-02                       | A           |         |              | Quinoline<br>Refractory Ceramic Fibers<br>Resmethrin                                       | 91-22-5<br>NA<br>10453-86-8            |                                       | 1.3E+02                            |
| 6.3E-05                                    | C       |                               |             |         |              | Ronnel<br>Rotenone<br>Safrole  | 299-84-3<br>83-79-4<br>94-59-7         | 1.9E-01                               |                                    |
|  |         | 2.0E-02                       | C           |         |              | Savey<br>Selenious Acid<br>Selenium  | 78587-05-0<br>7783-00-8<br>7782-49-2   |                                       | 8.8E+01                            |
|  |         | 2.0E-02                       | C           |         |              | Selenium Sulfide<br>Sethoxydim   | 7446-34-6<br>74051-80-2                |                                       | 8.8E+01                            |
|  |         | 3.0E-03                       | C           |         |              | Silica (crystalline, respirable)   | 7631-86-9                              |                                       | 1.3E+01                            |
|  |         |                               |             |         |              | Silver<br>Simazine<br>Sodium Acifluorfen   | 7440-22-4<br>122-34-9<br>62476-59-9    |                                       |                                    |
|  |         | 1.3E-02                       | C           |         |              | Sodium Azide<br>Sodium Diethyldithiocarbamate<br>Sodium Fluoride                           | 26628-22-8<br>148-18-5<br>7681-49-4    |                                       | 5.7E+01                            |
|  |         |                               |             |         |              | Sodium Fluoroacetate<br>Sodium Metavanadate<br>Sodium Perchlorate                          | 62-74-8<br>13718-26-8<br>7601-89-0     |                                       |                                    |
|  |         |                               |             |         |              | Stirofos (Tetrachlorovinphos)<br>Strontium, Stable<br>Strychnine                           | 961-11-5<br>7440-24-6<br>57-24-9       |                                       |                                    |
|  |         | 1.0E+00<br>1.0E-03            | I<br>C      | V       |              | Styrene<br>Sulfonylbis(4-chlorobenzene), 1,1'-<br>Sulfuric Acid                            | 100-42-5<br>80-07-9<br>7664-93-9       |                                       | 4.4E+03<br>4.4E+00                 |
|  |         |                               |             |         |              | Systhane<br>TCMTB<br>Tebuthiuron   | 88671-89-0<br>21564-17-0<br>34014-18-1 |                                       |                                    |
|  |         |                               |             |         |              | Temephos<br>Terbacil<br>Terbufos   | 3383-96-8<br>5902-51-2<br>13071-79-9   |                                       |                                    |
|  |         |                               |             |         |              | Terbutryn<br>Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)<br>Tetrachlorobenzene, 1,2,4,5- | 886-50-0<br>5436-43-1<br>95-94-3       |                                       |                                    |



Regional Screening Level (RSL) Industrial Air Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |  |             |                                      |              | Contaminant                                 |            | Carcinogenic Target Risk (TR) = 1E-06 | Noncancer Hazard Index (HI) = 1    |
|--|-------------|--|-------------|--------------------------------------|--------------|---|------------|---------------------------------------|------------------------------------|
| IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup>  | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte                                     | CAS No.    | Inhalation<br>(ug/m <sup>3</sup> )    | Inhalation<br>(ug/m <sup>3</sup> ) |
| 7.4E-06                                    | I           |  |             | V                                    |              | Tetrachloroethane, 1,1,1,2-                 | 630-20-6   | 1.7E+00                               |                                    |
| 5.8E-05                                    | C           |  |             | V                                    |              | Tetrachloroethane, 1,1,2,2-                 | 79-34-5    | 2.1E-01                               |                                    |
| 5.9E-06                                    | C           | 2.7E-01                                  | A           | V                                    |              | Tetrachloroethylene                         | 127-18-4   | 2.1E+00                               | 1.2E+03                            |
|  |             |  |             |                                      |              | Tetrachlorophenol, 2,3,4,6-                 | 58-90-2    |                                       |                                    |
|  |             |  |             |                                      |              | Tetrachlorotoluene, p- alpha, alpha, alpha- | 5216-25-1  |                                       |                                    |
|  |             |  |             |                                      |              | Tetraethyl Dithiopyrophosphate              | 3689-24-5  |                                       |                                    |
|  |             | 8.0E+01                                  | I           | V                                    |              | Tetrafluoroethane, 1,1,1,2-                 | 811-97-2   |                                       | 3.5E+05                            |
|  |             |  |             |                                      |              | Tetryl (Trinitrophenylmethylnitramine)      | 479-45-8   |                                       |                                    |
|  |             |  |             |                                      |              | Thallium (Soluble Salts)                    | 7440-28-0  |                                       |                                    |
|  |             |  |             |                                      |              | Thiobencarb                                 | 28249-77-6 |                                       |                                    |
|  |             |  |             |                                      |              | Thiodiglycol                                | 111-48-8   |                                       |                                    |
|  |             |  |             |                                      |              | Thiofanox                                   | 39196-18-4 |                                       |                                    |
|  |             |  |             |                                      |              | Thiophanate, Methyl                         | 23564-05-8 |                                       |                                    |
|  |             |  |             |                                      |              | Thiram                                      | 137-26-8   |                                       |                                    |
|  |             |  |             |                                      |              | Tin   | 7440-31-5  |                                       |                                    |
|  |             | 1.0E-04                                  | A           |                                      |              | Titanium Tetrachloride                      | 7550-45-0  |                                       | 4.4E-01                            |
|  |             | 5.0E+00                                  | I           | V                                    |              | Toluene                                     | 108-88-3   |                                       | 2.2E+04                            |
|  |             |  |             |                                      |              | Toluidine, p-                               | 106-49-0   |                                       |                                    |
|  |             | 3.2E-04                                  | I           |                                      |              | Toxaphene                                   | 8001-35-2  | 3.8E-02                               |                                    |
|  |             |  |             |                                      |              | Tralometrin                                 | 66841-25-6 |                                       |                                    |
|  |             |  |             |                                      |              | Tri-n-butyltin                              | 688-73-3   |                                       |                                    |
|  |             |  |             |                                      |              | Triallate                                   | 2303-17-5  |                                       |                                    |
|  |             |  |             |                                      |              | Triasulfuron                                | 82097-50-5 |                                       |                                    |
|  |             |  |             |                                      |              | Tribromobenzene, 1,2,4-                     | 615-54-3   |                                       |                                    |
|  |             |  |             |                                      |              | Tributyl Phosphate                          | 126-73-8   |                                       |                                    |
|  |             |  |             |                                      |              | Tributyltin Compounds                       | NA         |                                       |                                    |
|  |             |  |             |                                      |              | Tributyltin Oxide                           | 56-35-9    |                                       |                                    |
|  |             | 3.0E+01                                  | H           | V                                    |              | Trichloro-1,2,2-trifluoroethane, 1,1,2-     | 76-13-1    |                                       | 1.3E+05                            |
|  |             |  |             |                                      |              | Trichloroacetic Acid                        | 76-03-9    |                                       |                                    |
|  |             |  |             |                                      |              | Trichloroaniline HCl, 2,4,6-                | 33663-50-2 |                                       |                                    |
|  |             |  |             |                                      |              | Trichloroaniline, 2,4,6-                    | 634-93-5   |                                       |                                    |
|  |             |  |             | V                                    |              | Trichlorobenzene, 1,2,3-                    | 87-61-6    |                                       |                                    |
|  |             | 2.0E-03                                  | P           | V                                    |              | Trichlorobenzene, 1,2,4-                    | 120-82-1   |                                       | 8.8E+00                            |
|  |             |  |             |                                      |              | Trichloroethane, 1,1,1-                     | 71-55-6    |                                       | 2.2E+04                            |
|  |             | 5.0E+00                                  | I           | V                                    |              | Trichloroethane, 1,1,2-                     | 79-00-5    | 7.7E-01                               |                                    |
| 1.6E-05                                    | I           |  |             | V                                    |              | Trichloroethylene                           | 79-01-6    | 6.1E+00                               |                                    |
| 2.0E-06                                    | C           |  |             | V                                    |              |   |            |                                       |                                    |
|  |             | 7.0E-01                                  | H           | V                                    |              | Trichlorofluoromethane                      | 75-69-4    |                                       | 3.1E+03                            |
|  |             |  |             |                                      |              | Trichlorophenol, 2,4,5-                     | 95-95-4    |                                       |                                    |
| 3.1E-06                                    | I           |  |             |                                      |              | Trichlorophenol, 2,4,6-                     | 88-06-2    | 4.0E+00                               |                                    |
|  |             |  |             |                                      |              | Trichlorophenoxyacetic Acid, 2,4,5-         | 93-76-5    |                                       |                                    |
|  |             |  |             |                                      |              | Trichlorophenoxypropionic acid, -2,4,5      | 93-72-1    |                                       |                                    |
|  |             |  |             | V                                    |              | Trichloropropane, 1,1,2-                    | 598-77-6   |                                       |                                    |
|  |             | 3.0E-04                                  | I           | V                                    | M            | Trichloropropane, 1,2,3-                    | 96-18-4    |                                       | 1.3E+00                            |
|  |             | 3.0E-04                                  | P           | V                                    |              | Trichloropropene, 1,2,3-                    | 96-19-5    |                                       | 1.3E+00                            |
|  |             |  |             |                                      |              | Tridiphane                                  | 58138-08-2 |                                       |                                    |
|  |             | 7.0E-03                                  | I           | V                                    |              | Triethylamine                               | 121-44-8   |                                       | 3.1E+01                            |
|  |             |  |             |                                      |              | Trifluralin                                 | 1582-09-8  |                                       |                                    |
|  |             |  |             |                                      |              | Trimethyl Phosphate                         | 512-56-1   |                                       |                                    |
|  |             | 7.0E-03                                  | P           | V                                    |              | Trimethylbenzene, 1,2,4-                    | 95-63-6    |                                       | 3.1E+01                            |
|  |             |  |             | V                                    |              | Trimethylbenzene, 1,3,5-                    | 108-67-8   |                                       |                                    |
|  |             |  |             |                                      |              | Trinitrobenzene, 1,3,5-                     | 99-35-4    |                                       |                                    |
|  |             |  |             |                                      |              | Trinitrotoluene, 2,4,6-                     | 118-96-7   |                                       |                                    |
|  |             |  |             |                                      |              | Triphenylphosphine Oxide                    | 791-28-6   |                                       |                                    |
|  |             |  |             |                                      |              | Tris(1,3-Dichloro-2-propyl) Phosphate       | 13674-87-8 |                                       |                                    |
|  |             |  |             |                                      |              | Tris(2-chloroethyl)phosphate                | 115-96-8   |                                       |                                    |
|  |             | 3.0E-04                                  | A           |                                      |              | Tris(2-ethylhexyl)phosphate                 | 78-42-2    |                                       | 1.3E+00                            |
|  |             |  |             |                                      |              | Uranium (Soluble Salts)                     | NA         |                                       |                                    |
| 2.9E-04                                    | C           |  |             |                                      |              | Urethane                                    | 51-79-6    | 4.2E-02                               |                                    |
| 8.3E-03                                    | P           | 7.0E-06                                  | P           |                                      |              | Vanadium Pentoxide                          | 1314-62-1  | 1.5E-03                               | 3.1E-02                            |
|  |             |  |             |                                      |              | Vanadium Sulfate                            | 36907-42-3 |                                       |                                    |
|  |             |  |             |                                      |              | Vanadium and Compounds                      | NA         |                                       |                                    |
|  |             | 1.0E-04                                  | A           |                                      |              | Vanadium, Metallic                          | 7440-62-2  |                                       | 4.4E-01                            |
|  |             |  |             |                                      |              | Vernolate                                   | 1929-77-7  |                                       |                                    |

Regional Screening Level (RSL) Industrial Air Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |  |             |                                      | Contaminant  |                 | Carcinogenic Target Risk (TR) = 1E-06 | Noncancer Hazard Index (HI) = 1    |                                    |
|--|-------------|--|-------------|--------------------------------------|--------------|-----------------|---------------------------------------|------------------------------------|------------------------------------|
| IUR<br>(ug/m <sup>3</sup> -y)              | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte         | CAS No.                               | Inhalation<br>(ug/m <sup>3</sup> ) | Inhalation<br>(ug/m <sup>3</sup> ) |
| 3.2E-05                                    | H           | 2.0E-01                                  | I           | V                                    |              | Vinclozolin     | 50471-44-8                            | 3.8E-01                            | 8.8E+02                            |
|  |             | 3.0E-03                                  |             |                                      |              | Vinyl Acetate   | 108-05-4                              |                                    |                                    |
|  |             |  |             |                                      |              | Vinyl Bromide   | 593-60-2                              |                                    |                                    |
| 4.4E-06                                    | I           | 1.0E-01                                  | I           | V                                    | M            | Vinyl Chloride  | 75-01-4                               | 2.8E+00                            | 4.4E+02                            |
|  |             |  |             |                                      |              | Warfarin        | 81-81-2                               |                                    |                                    |
|  |             | 1.0E-01                                  |             |                                      |              | Xylene, Mixture | 1330-20-7                             |                                    |                                    |
|  |             | 7.0E-01                                  | C           | V                                    |              | Xylene, p-      | 106-42-3                              |                                    | 3.1E+03                            |
|  |             | 7.0E-01                                  | C           | V                                    |              | Xylene, m-      | 108-38-3                              |                                    | 3.1E+03                            |
|  |             | 7.0E-01                                  | C           | V                                    |              | Xylene, o-      | 95-47-6                               |                                    | 3.1E+03                            |
|  |             |  |             |                                      |              | Zinc (Metallic) | 7440-66-6                             |                                    |                                    |
|  |             |  |             |                                      |              | Zinc Phosphide  | 1314-84-7                             |                                    |                                    |
|  |             |  |             |                                      |              | Zineb           | 12122-67-7                            |                                    |                                    |

Regional Screening Level (RSL) Tapwater Supporting Table November 2010

| Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1 |             |   |             |                                 |             |  |             |                                      |                                       |                             |            |                                     |                                      |  |                                |                                 |                                      |               |
|---|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------------------------------|---------------------------------------|-----------------------------|------------|-------------------------------------|--------------------------------------|--|--------------------------------|---------------------------------|--------------------------------------|---------------|
| Toxicity and Chemical-specific Information  |             |   |             |                                 |             |  | Contaminant |                                      | Carcinogenic Target Risk (TR) = 1E-06 |                             |            | Noncancer Hazard Index (HI) = 1     |                                      |  |                                |                                 |                                      |               |
| SFO<br>(mg/kg-day) <sup>-1</sup>  | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | muta-<br>gen                          | Analyte                     | CAS No.    | Ingestion SL<br>TR=1.0E-6<br>(ug/L) | Inhalation SL<br>TR=1.0E-6<br>(ug/L) | Carcinogenic SL<br>TR=1.0E-6<br>(ug/L) | Ingestion SL<br>HQ=1<br>(ug/L) | Inhalation SL<br>HQ=1<br>(ug/L) | Noncarcinogenic SL<br>HI=1<br>(ug/L) | MCL<br>(ug/L) |
| 1.8E-02   | C           | 5.1E-06                                   | C           | 1.5E-01                         | I           |  |             |                                      |                                       | ALAR                        | 1596-84-5  | 3.7E+00                             |                                      | 3.7E+00                                | 5.5E+03                        |                                 | 5.5E+03                              |               |
| 8.7E-03   | I           |   |             | 4.0E-03                         | I           |  |             |                                      |                                       | Acephate                    | 30560-19-1 | 7.7E+00                             |                                      | 7.7E+00                                | 1.5E+02                        |                                 | 1.5E+02                              |               |
|   |             | 2.2E-06                                   | I           |                                 |             | 9.0E-03                                  | I           | V                                    |                                       | Acetaldehyde                | 75-07-0    |                                     | 2.2E+00                              | 2.2E+00                                |                                | 1.9E+01                         | 1.9E+01                              |               |
|   |             |   |             | 2.0E-02                         | I           |  |             |                                      |                                       | Acetochlor                  | 34256-82-1 |                                     |                                      |  | 7.3E+02                        |                                 | 7.3E+02                              |               |
|   |             |   |             | 9.0E-01                         | I           | 3.1E+01                                  | A           | V                                    |                                       | Acetone                     | 67-64-1    |                                     |                                      |  | 3.3E+04                        | 6.4E+04                         | 2.2E+04                              |               |
|   |             |   |             | 3.0E-03                         | P           | 6.0E-02                                  | P           | V                                    |                                       | Acetone Cyanohydrin         | 75-86-5    |                                     |                                      |  | 1.1E+02                        | 1.3E+02                         | 5.8E+01                              |               |
|   |             |   |             |                                 |             | 6.0E-02                                  | I           | V                                    |                                       | Acetonitrile                | 75-05-8    |                                     |                                      |  |                                | 1.3E+02                         | 1.3E+02                              |               |
| 3.8E+00   | C           | 1.3E-03                                   | C           | 1.0E-01                         | I           |  |             |                                      |                                       | Acetophenone                | 98-86-2    |                                     |                                      |  | 3.7E+03                        |                                 | 3.7E+03                              |               |
|   |             |   |             |                                 |             |  |             |                                      |                                       | Acetylaminofluorene, 2-     | 53-96-3    | 1.8E-02                             |                                      | 1.8E-02                                |                                |                                 |                                      |               |
|   |             |   |             | 5.0E-04                         | I           | 2.0E-05                                  | I           | V                                    |                                       | Acrolein                    | 107-02-8   |                                     |                                      |  | 1.8E+01                        | 4.2E-02                         | 4.2E-02                              |               |
| 5.0E-01   | I           | 1.0E-04                                   | I           | 2.0E-03                         | I           | 6.0E-03                                  | I           |                                      | M                                     | Acrylamide                  | 79-06-1    | 4.3E-02                             |                                      | 4.3E-02                                | 7.3E+01                        |                                 | 7.3E+01                              |               |
|   |             |   |             | 5.0E-01                         | I           | 1.0E-03                                  | I           |                                      |                                       | Acrylic Acid                | 79-10-7    |                                     |                                      |  | 1.8E+04                        |                                 | 1.8E+04                              |               |
| 5.4E-01   | I           | 6.8E-05                                   | I           | 4.0E-02                         | A           | 2.0E-03                                  | I           | V                                    |                                       | Acrylonitrile               | 107-13-1   | 1.2E-01                             | 7.2E-02                              | 4.5E-02                                | 1.5E+03                        | 4.2E+00                         | 4.2E+00                              |               |
|   |             |   |             |                                 |             | 6.0E-03                                  | P           |                                      |                                       | Adiponitrile                | 111-69-3   |                                     |                                      |  |                                |                                 |                                      |               |
| 5.6E-02   | C           |   |             | 1.0E-02                         | I           |  |             |                                      |                                       | Alachlor                    | 15972-60-8 | 1.2E+00                             |                                      | 1.2E+00                                | 3.7E+02                        |                                 | 3.7E+02                              | 2.0E+00       |
|   |             |   |             | 1.0E-03                         | I           |  |             |                                      |                                       | Aldicarb                    | 116-06-3   |                                     |                                      |  | 3.7E+01                        |                                 | 3.7E+01                              |               |
|   |             |   |             | 1.0E-03                         | I           |  |             |                                      |                                       | Aldicarb Sulfone            | 1646-88-4  |                                     |                                      |  | 3.7E+01                        |                                 | 3.7E+01                              |               |
| 1.7E+01   | I           | 4.9E-03                                   | I           | 3.0E-05                         | I           |  |             |                                      |                                       | Aldrin                      | 309-00-2   | 4.0E-03                             |                                      | 4.0E-03                                | 1.1E+00                        |                                 | 1.1E+00                              |               |
|   |             |   |             | 2.5E-01                         | I           |  |             |                                      |                                       | Allyl                       | 74223-64-6 |                                     |                                      |  | 9.1E+03                        |                                 | 9.1E+03                              |               |
| 2.1E-02   | C           | 6.0E-06                                   | C           | 5.0E-03                         | I           | 1.0E-04                                  | X           |                                      |                                       | Allyl Alcohol               | 107-18-6   |                                     |                                      |  | 1.8E+02                        |                                 | 1.8E+02                              |               |
|   |             |   |             |                                 |             | 1.0E-03                                  | I           | V                                    |                                       | Allyl Chloride              | 107-05-1   | 3.2E+00                             | 8.1E-01                              | 6.5E-01                                |                                | 2.1E+00                         | 2.1E+00                              |               |
|   |             |   |             | 1.0E+00                         | P           | 5.0E-03                                  | P           |                                      |                                       | Aluminum                    | 7429-90-5  |                                     |                                      |  | 3.7E+04                        |                                 | 3.7E+04                              |               |
|   |             |   |             | 4.0E-04                         | I           |  |             |                                      |                                       | Aluminum Phosphide          | 20859-73-8 |                                     |                                      |  | 1.5E+01                        |                                 | 1.5E+01                              |               |
|   |             |   |             | 3.0E-04                         | I           |  |             |                                      |                                       | Amdro                       | 67485-29-4 |                                     |                                      |  | 1.1E+01                        |                                 | 1.1E+01                              |               |
| 2.1E+01   | C           | 6.0E-03                                   | C           | 9.0E-03                         | I           |  |             |                                      |                                       | Ametryn                     | 834-12-8   |                                     |                                      |  | 3.3E+02                        |                                 | 3.3E+02                              |               |
|   |             |   |             | 8.0E-02                         | P           |  |             |                                      |                                       | Aminobiphenyl, 4-           | 92-67-1    | 3.2E-03                             |                                      | 3.2E-03                                |                                |                                 |                                      |               |
|   |             |   |             |                                 |             |  |             |                                      |                                       | Aminophenol, m-             | 591-27-5   |                                     |                                      |  | 2.9E+03                        |                                 | 2.9E+03                              |               |
|   |             |   |             | 2.0E-02                         | P           |  |             |                                      |                                       | Aminophenol, p-             | 123-30-8   |                                     |                                      |  | 7.3E+02                        |                                 | 7.3E+02                              |               |
|   |             |   |             | 2.5E-03                         | I           |  |             |                                      |                                       | Amitraz                     | 33089-61-1 |                                     |                                      |  | 9.1E+01                        |                                 | 9.1E+01                              |               |
|   |             |   |             |                                 |             | 1.0E-01                                  | I           |                                      |                                       | Ammonia                     | 7664-41-7  |                                     |                                      |  |                                |                                 |                                      |               |
|   |             |   |             | 7.0E-04                         | I           |  |             |                                      |                                       | Ammonium Perchlorate        | 7790-98-9  |                                     |                                      |  | 2.6E+01                        |                                 | 2.6E+01                              |               |
| 5.7E-03   | I           | 1.6E-06                                   | C           | 2.0E-01                         | I           |  |             |                                      |                                       | Ammonium Sulfamate          | 7773-06-0  |                                     |                                      |  | 7.3E+03                        |                                 | 7.3E+03                              |               |
|   |             |   |             | 7.0E-03                         | P           | 1.0E-03                                  | I           |                                      |                                       | Aniline                     | 62-53-3    | 1.2E+01                             |                                      | 1.2E+01                                | 2.6E+02                        |                                 | 2.6E+02                              |               |
|   |             |   |             | 4.0E-04                         | I           |  |             |                                      |                                       | Antimony (metallic)         | 7440-36-0  |                                     |                                      |  | 1.5E+01                        |                                 | 1.5E+01                              | 6.0E+00       |
|   |             |   |             | 5.0E-04                         | H           |  |             |                                      |                                       | Antimony Pentoxide          | 1314-60-9  |                                     |                                      |  | 1.8E+01                        |                                 | 1.8E+01                              |               |
|   |             |   |             | 9.0E-04                         | H           |  |             |                                      |                                       | Antimony Potassium Tartrate | 11071-15-1 |                                     |                                      |  | 3.3E+01                        |                                 | 3.3E+01                              |               |
|   |             |   |             | 4.0E-04                         | H           |  |             |                                      |                                       | Antimony Tetroxide          | 1332-81-6  |                                     |                                      |  | 1.5E+01                        |                                 | 1.5E+01                              |               |
|   |             |   |             |                                 |             | 2.0E-04                                  | I           |                                      |                                       | Antimony Trioxide           | 1309-64-4  |                                     |                                      |  |                                |                                 |                                      |               |
|   |             |   |             | 1.3E-02                         | I           |  |             |                                      |                                       | Apollo                      | 74115-24-5 |                                     |                                      |  | 4.7E+02                        |                                 | 4.7E+02                              |               |
| 2.5E-02   | I           | 7.1E-06                                   | I           | 5.0E-02                         | H           |  |             |                                      |                                       | Aramite                     | 140-57-8   | 2.7E+00                             |                                      | 2.7E+00                                | 1.8E+03                        |                                 | 1.8E+03                              |               |
| 1.5E+00   | I           | 4.3E-03                                   | I           | 3.0E-04                         | I           | 1.5E-05                                  | C           |                                      |                                       | Arsenic, Inorganic          | 7440-38-2  | 4.5E-02                             |                                      | 4.5E-02                                | 1.1E+01                        |                                 | 1.1E+01                              | 1.0E+01       |
|   |             |   |             | 3.5E-06                         | C           | 5.0E-05                                  | I           |                                      |                                       | Arsine                      | 7784-42-1  |                                     |                                      |  | 1.3E-01                        |                                 | 1.3E-01                              |               |
|   |             |   |             | 9.0E-03                         | I           |  |             |                                      |                                       | Assure                      | 76578-14-8 |                                     |                                      |  | 3.3E+02                        |                                 | 3.3E+02                              |               |
|   |             |   |             | 5.0E-02                         | I           |  |             |                                      |                                       | Asulam                      | 3337-71-1  |                                     |                                      |  | 1.8E+03                        |                                 | 1.8E+03                              |               |
| 2.3E-01   | C           |   |             | 3.5E-02                         | I           |  |             |                                      |                                       | Atrazine                    | 1912-24-9  | 2.9E-01                             |                                      | 2.9E-01                                | 1.3E+03                        |                                 | 1.3E+03                              | 3.0E+00       |
| 8.8E-01   | C           | 2.5E-04                                   | C           | 4.0E-04                         | I           |  |             |                                      |                                       | Auramine                    | 492-80-8   | 7.6E-02                             |                                      | 7.6E-02                                |                                |                                 |                                      |               |
| 1.1E-01   | I           | 3.1E-05                                   | I           |                                 |             |  |             |                                      | V                                     | Avermectin B1               | 65195-55-3 | 6.1E-01                             | 1.6E-01                              | 1.2E-01                                | 1.5E+01                        |                                 | 1.5E+01                              |               |
|   |             |   |             |                                 |             |  |             |                                      |                                       | Azobenzene                  | 103-33-3   |                                     |                                      |  |                                |                                 |                                      |               |
|   |             |   |             | 2.0E-01                         | I           | 5.0E-04                                  | H           |                                      |                                       | Barium                      | 7440-39-3  |                                     |                                      |  | 7.3E+03                        |                                 | 7.3E+03                              | 2.0E+03       |

Regional Screening Level (RSL) Tapwater Supporting Table November 2010

| Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1 |             |   |             |                                 |             |  |             |                                      |                                       |                                   |            |                                     |                                      |  |                                |                                 |                                      |               |
|---|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------------------------------|---------------------------------------|-----------------------------------|------------|-------------------------------------|--------------------------------------|--|--------------------------------|---------------------------------|--------------------------------------|---------------|
| Toxicity and Chemical-specific Information  |             |   |             |                                 |             |  | Contaminant |                                      | Carcinogenic Target Risk (TR) = 1E-06 |                                   |            | Noncancer Hazard Index (HI) = 1     |                                      |  |                                |                                 |                                      |               |
| SFO<br>(mg/kg-day) <sup>-1</sup>  | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>u<br>t<br>i<br>l<br>e | m<br>u<br>t<br>a<br>g<br>e<br>n       | Analyte                           | CAS No.    | Ingestion SL<br>TR=1.0E-6<br>(ug/L) | Inhalation SL<br>TR=1.0E-6<br>(ug/L) | Carcinogenic SL<br>TR=1.0E-6<br>(ug/L) | Ingestion SL<br>HQ=1<br>(ug/L) | Inhalation SL<br>HQ=1<br>(ug/L) | Noncarcinogenic SL<br>HI=1<br>(ug/L) | MCL<br>(ug/L) |
|   |             |   |             | 4.0E-03                         | I           |  |             |                                      |                                       | Baygon                            | 114-26-1   |                                     |                                      |  | 1.5E+02                        |                                 | 1.5E+02                              |               |
|   |             |   |             | 3.0E-02                         | I           |  |             |                                      |                                       | Bayleton                          | 43121-43-3 |                                     |                                      |  | 1.1E+03                        |                                 | 1.1E+03                              |               |
|   |             |   |             | 2.5E-02                         | I           |  |             |                                      |                                       | Baythroid                         | 68359-37-5 |                                     |                                      |  | 9.1E+02                        |                                 | 9.1E+02                              |               |
|   |             |   |             | 3.0E-01                         | I           |  |             |                                      |                                       | Benefin                           | 1861-40-1  |                                     |                                      |  | 1.1E+04                        |                                 | 1.1E+04                              |               |
|   |             |   |             | 5.0E-02                         | I           |  |             |                                      |                                       | Benomyl                           | 17804-35-2 |                                     |                                      |  | 1.8E+03                        |                                 | 1.8E+03                              |               |
|   |             |   |             | 3.0E-02                         | I           |  |             |                                      |                                       | Bentazon                          | 25057-89-0 |                                     |                                      |  | 1.1E+03                        |                                 | 1.1E+03                              |               |
| 5.5E-02   | I           | 7.8E-06                                   | I           | 1.0E-01                         | I           |  |             |                                      | V                                     | Benzaldehyde                      | 100-52-7   |                                     |                                      |  | 3.7E+03                        |                                 | 3.7E+03                              |               |
|   |             |   |             | 4.0E-03                         | I           | 3.0E-02                                  | I           | V                                    |                                       | Benzene                           | 71-43-2    | 1.2E+00                             | 6.2E-01                              | 4.1E-01                                | 1.5E+02                        | 6.3E+01                         | 4.4E+01                              | 5.0E+00       |
|   |             |   |             | 1.0E-05                         | H           |  |             |                                      | V                                     | Benzenethiol                      | 108-98-5   |                                     |                                      |  | 3.7E-01                        |                                 | 3.7E-01                              |               |
| 2.3E+02   | I           | 6.7E-02                                   | I           | 3.0E-03                         | I           |  |             |                                      | M                                     | Benzidine                         | 92-87-5    | 9.4E-05                             |                                      | 9.4E-05                                | 1.1E+02                        |                                 | 1.1E+02                              |               |
|   |             |   |             | 4.0E+00                         | I           |  |             |                                      |                                       | Benzoic Acid                      | 65-85-0    |                                     |                                      |  | 1.5E+05                        |                                 | 1.5E+05                              |               |
| 1.3E+01   | I           |   |             |                                 |             |  |             |                                      | V                                     | Benzotrichloride                  | 98-07-7    | 5.2E-03                             |                                      | 5.2E-03                                |                                |                                 |                                      |               |
|   |             |   |             | 1.0E-01                         | P           |  |             |                                      |                                       | Benzyl Alcohol                    | 100-51-6   |                                     |                                      |  | 3.7E+03                        |                                 | 3.7E+03                              |               |
| 1.7E-01   | I           | 4.9E-05                                   | C           | 2.0E-03                         | P           | 1.0E-03                                  | P           | V                                    |                                       | Benzyl Chloride                   | 100-44-7   | 4.0E-01                             | 9.9E-02                              | 7.9E-02                                | 7.3E+01                        | 2.1E+00                         | 2.0E+00                              |               |
|   |             | 2.4E-03                                   | I           | 2.0E-03                         | I           | 2.0E-05                                  | I           |                                      |                                       | Beryllium and compounds           | 7440-41-7  |                                     |                                      |  | 7.3E+01                        |                                 | 7.3E+01                              | 4.0E+00       |
|   |             |   |             | 1.0E-04                         | I           |  |             |                                      |                                       | Bidrin                            | 141-66-2   |                                     |                                      |  | 3.7E+00                        |                                 | 3.7E+00                              |               |
|   |             |   |             | 9.0E-03                         | P           |  |             |                                      |                                       | Bifenox                           | 42576-02-3 |                                     |                                      |  | 3.3E+02                        |                                 | 3.3E+02                              |               |
|   |             |   |             | 1.5E-02                         | I           |  |             |                                      |                                       | Biphenthrin                       | 82657-04-3 |                                     |                                      |  | 5.5E+02                        |                                 | 5.5E+02                              |               |
| 7.0E-02   | H           | 1.0E-05                                   | H           | 5.0E-02                         | I           |  |             |                                      | V                                     | Biphenyl, 1,1'-                   | 92-52-4    |                                     |                                      |  | 1.8E+03                        |                                 | 1.8E+03                              |               |
|   |             |   |             | 4.0E-02                         | I           |  |             |                                      | V                                     | Bis(2-chloro-1-methylethyl) ether | 108-60-1   | 9.6E-01                             | 4.9E-01                              | 3.2E-01                                | 1.5E+03                        |                                 | 1.5E+03                              |               |
|   |             |   |             | 3.0E-03                         | P           |  |             |                                      |                                       | Bis(2-chloroethoxy)methane        | 111-91-1   |                                     |                                      |  | 1.1E+02                        |                                 | 1.1E+02                              |               |
| 1.1E+00   | I           | 3.3E-04                                   | I           |                                 |             |  |             |                                      | V                                     | Bis(2-chloroethyl)ether           | 111-44-4   | 6.1E-02                             | 1.5E-02                              | 1.2E-02                                |                                |                                 |                                      |               |
| 1.4E-02   | I           | 2.4E-06                                   | C           | 2.0E-02                         | I           |  |             |                                      |                                       | Bis(2-ethylhexyl)phthalate        | 117-81-7   | 4.8E+00                             |                                      | 4.8E+00                                | 7.3E+02                        |                                 | 7.3E+02                              | 6.0E+00       |
| 2.2E+02   | I           | 6.2E-02                                   | I           |                                 |             |  |             |                                      | V                                     | Bis(chloromethyl)ether            | 542-88-1   | 3.1E-04                             | 7.8E-05                              | 6.2E-05                                |                                |                                 |                                      |               |
|   |             |   |             | 5.0E-02                         | I           |  |             |                                      |                                       | Bisphenol A                       | 80-05-7    |                                     |                                      |  | 1.8E+03                        |                                 | 1.8E+03                              |               |
|   |             |   |             | 2.0E-01                         | I           | 2.0E-02                                  | H           |                                      |                                       | Boron And Borates Only            | 7440-42-8  |                                     |                                      |  | 7.3E+03                        |                                 | 7.3E+03                              |               |
| 7.0E-01   | I           |   |             | 4.0E-02                         | C           | 1.3E-02                                  | C           |                                      |                                       | Boron Trifluoride                 | 7637-07-2  |                                     |                                      |  | 1.5E+03                        |                                 | 1.5E+03                              |               |
| 2.0E+00   | X           | 6.0E-04                                   | X           | 4.0E-03                         | I           |  |             |                                      | V                                     | Bromate                           | 15541-45-4 | 9.6E-02                             |                                      | 9.6E-02                                | 1.5E+02                        |                                 | 1.5E+02                              | 1.0E+01       |
|   |             |   |             | 8.0E-03                         | I           | 6.0E-02                                  | I           | V                                    |                                       | Bromobenzene                      | 108-86-1   |                                     |                                      |  | 2.9E+02                        | 1.3E+02                         | 8.8E+01                              |               |
| 6.2E-02   | I           | 3.7E-05                                   | C           | 2.0E-02                         | I           |  |             |                                      | V                                     | Bromodichloromethane              | 75-27-4    | 1.1E+00                             | 1.3E-01                              | 1.2E-01                                | 7.3E+02                        |                                 | 7.3E+02                              | 8.0E+01       |
| 7.9E-03   | I           | 1.1E-06                                   | I           | 2.0E-02                         | I           |  |             |                                      |                                       | Bromoform                         | 75-25-2    | 8.5E+00                             |                                      | 8.5E+00                                | 7.3E+02                        |                                 | 7.3E+02                              | 8.0E+01       |
|   |             |   |             | 1.4E-03                         | I           | 5.0E-03                                  | I           | V                                    |                                       | Bromomethane                      | 74-83-9    |                                     |                                      |  | 5.1E+01                        | 1.0E+01                         | 8.7E+00                              |               |
|   |             |   |             | 5.0E-03                         | H           |  |             |                                      |                                       | Bromophos                         | 2104-96-3  |                                     |                                      |  | 1.8E+02                        |                                 | 1.8E+02                              |               |
|   |             |   |             | 2.0E-02                         | I           |  |             |                                      |                                       | Bromoxynil                        | 1689-84-5  |                                     |                                      |  | 7.3E+02                        |                                 | 7.3E+02                              |               |
| 3.4E+00   | C           | 3.0E-05                                   | I           | 2.0E-02                         | I           | 2.0E-03                                  | I           | V                                    |                                       | Bromoxynil Octanoate              | 1689-99-2  |                                     |                                      |  | 7.3E+02                        |                                 | 7.3E+02                              |               |
|   |             |   |             | 1.0E-01                         | I           |  |             |                                      |                                       | Butadiene, 1,3-                   | 106-99-0   | 2.0E-02                             | 1.6E-01                              | 1.8E-02                                |                                | 4.2E+00                         | 4.2E+00                              |               |
|   |             |   |             | 2.0E-01                         | I           |  |             |                                      |                                       | Butanol, N-                       | 71-36-3    |                                     |                                      |  | 3.7E+03                        |                                 | 3.7E+03                              |               |
| 1.9E-03   | P           |   |             | 2.0E-01                         | I           |  |             |                                      |                                       | Butyl Benzyl Phthlate             | 85-68-7    | 3.5E+01                             |                                      | 3.5E+01                                | 7.3E+03                        |                                 | 7.3E+03                              |               |
|   |             |   |             | 2.0E+00                         | P           | 3.0E+01                                  | P           |                                      |                                       | Butyl alcohol, sec-               | 78-92-2    |                                     |                                      |  | 7.3E+04                        |                                 | 7.3E+04                              |               |
|   |             |   |             | 5.0E-02                         | I           |  |             |                                      |                                       | Butylate                          | 2008-41-5  |                                     |                                      |  | 1.8E+03                        |                                 | 1.8E+03                              |               |
| 2.0E-04   | C           | 5.7E-08                                   | C           | 1.0E+00                         | I           |  |             |                                      |                                       | Butylated hydroxyanisole          | 25013-16-5 | 3.4E+02                             |                                      | 3.4E+02                                |                                |                                 |                                      |               |
|   |             |   |             | 2.0E-02                         | A           |  |             |                                      |                                       | Butylphthalyl Butylglycolate      | 85-70-1    |                                     |                                      |  | 3.7E+04                        |                                 | 3.7E+04                              |               |
|   |             |   |             | 1.8E-03                         | I           | 1.0E-03                                  | I           | 1.0E-05                              | A                                     | Cacodylic Acid                    | 75-60-5    |                                     |                                      |  | 7.3E+02                        |                                 | 7.3E+02                              |               |
|   |             | 1.8E-03                                   | I           | 5.0E-04                         | I           | 1.0E-05                                  | A           |                                      |                                       | Cadmium (Diet)                    | 7440-43-9  |                                     |                                      |  | 1.8E+01                        |                                 | 1.8E+01                              | 5.0E+00       |
|   |             |   |             | 5.0E-01                         | I           |  |             |                                      |                                       | Cadmium (Water)                   | 7440-43-9  |                                     |                                      |  | 1.8E+04                        |                                 | 1.8E+04                              |               |
|   |             |   |             | 1.0E+00                         | I           |  |             |                                      |                                       | Caprolactam                       | 105-60-2   |                                     |                                      |  |                                |                                 |                                      |               |
| 1.5E-01   | C           | 4.3E-05                                   | C           | 2.0E-03                         | I           |  |             |                                      |                                       | Captafol                          | 2425-06-1  | 4.5E-01                             |                                      | 4.5E-01                                | 7.3E+01                        |                                 | 7.3E+01                              |               |
| 2.3E-03   | C           | 6.6E-07                                   | C           | 1.3E-01                         | I           |  |             |                                      |                                       | Captan                            | 133-06-2   | 2.9E+01                             |                                      | 2.9E+01                                | 4.7E+03                        |                                 | 4.7E+03                              |               |

Regional Screening Level (RSL) Tapwater Supporting Table November 2010

| Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1 |             |   |             |                                 |             |  |             |                                      |                                 |                                |                               |                                       |                                      |  |                                 |                                 |                                      |               |
|---|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------------------------------|---------------------------------|--------------------------------|-------------------------------|---------------------------------------|--------------------------------------|--|---------------------------------|---------------------------------|--------------------------------------|---------------|
| Toxicity and Chemical-specific Information  |             |   |             |                                 |             |  |             |                                      |                                 | Contaminant                    |                               | Carcinogenic Target Risk (TR) = 1E-06 |                                      |  | Noncancer Hazard Index (HI) = 1 |                                 |                                      |               |
| SFO<br>(mg/kg-day) <sup>-1</sup>  | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | m<br>u<br>t<br>a<br>g<br>e<br>n | Analyte                        | CAS No.                       | Ingestion SL<br>TR=1.0E-6<br>(ug/L)   | Inhalation SL<br>TR=1.0E-6<br>(ug/L) | Carcinogenic SL<br>TR=1.0E-6<br>(ug/L) | Ingestion SL<br>HQ=1<br>(ug/L)  | Inhalation SL<br>HQ=1<br>(ug/L) | Noncarcinogenic SL<br>HI=1<br>(ug/L) | MCL<br>(ug/L) |
|   |             |   |             | 1.0E-01                         | I           |  |             |                                      |                                 | Carbaryl                       | 63-25-2                       |                                       |                                      |  | 3.7E+03                         |                                 | 3.7E+03                              |               |
|   |             |   |             | 5.0E-03                         | I           |  |             |                                      |                                 | Carbofuran                     | 1563-66-2                     |                                       |                                      |  | 1.8E+02                         |                                 | 1.8E+02                              | 4.0E+01       |
| 7.0E-02   | I           | 6.0E-06                                   | I           | 1.0E-01                         | I           | 7.0E-01                                  | I           | V                                    |                                 | Carbon Disulfide               | 75-15-0                       |                                       |                                      |  | 3.7E+03                         | 1.5E+03                         | 1.0E+03                              |               |
|   |             |   |             | 4.0E-03                         | I           | 1.0E-01                                  | I           | V                                    |                                 | Carbon Tetrachloride           | 56-23-5                       | 9.6E-01                               | 8.1E-01                              | 4.4E-01                                | 1.5E+02                         | 2.1E+02                         | 8.6E+01                              | 5.0E+00       |
|   |             |   |             | 1.0E-02                         | I           |  |             |                                      |                                 | Carbosulfan                    | 55285-14-8                    |                                       |                                      |  | 3.7E+02                         |                                 | 3.7E+02                              |               |
|   |             |   |             | 1.0E-01                         | I           |  |             |                                      |                                 | Carboxin                       | 5234-68-4                     |                                       |                                      |  | 3.7E+03                         |                                 | 3.7E+03                              |               |
|   |             |   |             | 9.0E-04                         | I           |  |             |                                      |                                 | Ceric oxide                    | 1306-38-3                     |                                       |                                      |  |                                 |                                 |                                      |               |
| 4.0E-01   | H           |   |             | 1.0E-01                         | I           |  |             |                                      |                                 | Chloral Hydrate                | 302-17-0                      |                                       |                                      |  | 3.7E+03                         |                                 | 3.7E+03                              |               |
|   |             |   |             | 1.5E-02                         | I           |  |             |                                      |                                 | Chloramben                     | 133-90-4                      |                                       |                                      |  | 5.5E+02                         |                                 | 5.5E+02                              |               |
|   |             |   |             |                                 |             |  |             |                                      |                                 | Chloranil                      | 118-75-2                      | 1.7E-01                               |                                      | 1.7E-01                                |                                 |                                 |                                      |               |
| 3.5E-01   | I           | 1.0E-04                                   | I           | 5.0E-04                         | I           | 7.0E-04                                  | I           |                                      |                                 | Chlordane                      | 12789-03-6                    | 1.9E-01                               |                                      | 1.9E-01                                | 1.8E+01                         |                                 | 1.8E+01                              | 2.0E+00       |
| 1.0E+01   | I           | 4.6E-03                                   | C           | 3.0E-04                         | I           |  |             |                                      |                                 | Chlordecone (Kepone)           | 143-50-0                      | 6.7E-03                               |                                      | 6.7E-03                                | 1.1E+01                         |                                 | 1.1E+01                              |               |
|   |             |   |             | 7.0E-04                         | A           |  |             |                                      |                                 | Chlorfenvinphos                | 470-90-6                      |                                       |                                      |  | 2.6E+01                         |                                 | 2.6E+01                              |               |
|   |             |   |             | 2.0E-02                         | I           |  |             |                                      |                                 | Chlorimuron, Ethyl-            | 90982-32-4                    |                                       |                                      |  | 7.3E+02                         |                                 | 7.3E+02                              |               |
|   |             |   |             | 1.0E-01                         | I           | 1.5E-04                                  | A           |                                      |                                 | Chlorine                       | 7782-50-5                     |                                       |                                      |  | 3.7E+03                         |                                 | 3.7E+03                              |               |
|   |             |   |             | 3.0E-02                         | I           | 2.0E-04                                  | I           |                                      |                                 | Chlorine Dioxide               | 10049-04-4                    |                                       |                                      |  | 1.1E+03                         |                                 | 1.1E+03                              |               |
|   |             |   |             | 3.0E-02                         | I           | 5.0E+01                                  | I           | V                                    |                                 | Chlorite (Sodium Salt)         | 7758-19-2                     |                                       |                                      |  | 1.1E+03                         |                                 | 1.1E+03                              | 1.0E+03       |
| 4.6E-01   | H           |   |             | 3.0E-04                         | I           | 2.0E-02                                  | H           | 2.0E-02                              | I                               | V                              | Chloro-1,1-difluoroethane, 1- | 75-68-3                               |                                      |  |                                 | 1.0E+05                         | 1.0E+05                              |               |
| 2.7E-01   | X           |   |             |                                 |             |  |             |                                      |                                 | Chloro-1,3-butadiene, 2-       | 126-99-8                      |                                       | 1.6E-02                              | 1.6E-02                                | 7.3E+02                         | 4.2E+01                         | 3.9E+01                              |               |
|   |             |   |             | 2.0E-03                         | H           |  |             |                                      |                                 | Chloro-2-methylaniline HCl, 4- | 3165-93-3                     | 1.5E-01                               |                                      | 1.5E-01                                |                                 |                                 |                                      |               |
|   |             |   |             |                                 |             |  |             |                                      |                                 | Chloroacetaldehyde, 2-         | 107-20-0                      | 2.5E-01                               |                                      | 2.5E-01                                |                                 |                                 |                                      |               |
|   |             |   |             | 2.0E-03                         | H           |  |             |                                      |                                 | Chloroacetic Acid              | 79-11-8                       |                                       |                                      |  | 7.3E+01                         |                                 | 7.3E+01                              | 6.0E+01       |
| 2.0E-01   | P           |   |             | 3.0E-05                         | I           |  |             |                                      |                                 | Chloroacetophenone, 2-         | 532-27-4                      |                                       |                                      |  | 1.5E+02                         |                                 | 1.5E+02                              |               |
|   |             |   |             | 4.0E-03                         | I           |  |             |                                      |                                 | Chloroaniline, p-              | 106-47-8                      | 3.4E-01                               |                                      | 3.4E-01                                | 7.3E+02                         | 1.0E+02                         | 9.1E+01                              | 1.0E+02       |
|   |             |   |             | 2.0E-02                         | I           | 5.0E-02                                  | P           | V                                    |                                 | Chlorobenzene                  | 108-90-7                      |                                       |                                      |  | 7.3E+02                         |                                 | 7.3E+02                              |               |
| 1.1E-01   | C           | 3.1E-05                                   | C           | 2.0E-02                         | I           |  |             |                                      |                                 | Chlorobenzilate                | 510-15-6                      | 6.1E-01                               |                                      | 6.1E-01                                | 7.3E+02                         |                                 | 7.3E+02                              |               |
|   |             |   |             | 3.0E-02                         | X           |  |             |                                      |                                 | Chlorobenzoic Acid, p-         | 74-11-3                       |                                       |                                      |  | 1.1E+03                         |                                 | 1.1E+03                              |               |
|   |             |   |             | 3.0E-03                         | P           | 3.0E-01                                  | P           | V                                    |                                 | Chlorobenzotrifluoride, 4-     | 98-56-6                       |                                       |                                      |  | 1.1E+02                         | 6.3E+02                         | 9.3E+01                              |               |
|   |             |   |             | 4.0E-02                         | P           |  |             | V                                    |                                 | Chlorobutane, 1-               | 109-69-3                      |                                       |                                      |  | 1.5E+03                         |                                 | 1.5E+03                              |               |
| 3.1E-02   | C           | 2.3E-05                                   | I           | 1.0E-02                         | I           | 9.8E-02                                  | A           | V                                    |                                 | Chlorodifluoromethane          | 75-45-6                       |                                       |                                      |  |                                 | 1.0E+05                         | 1.0E+05                              |               |
|   |             |   |             |                                 |             |  |             |                                      |                                 | Chloroform                     | 67-66-3                       | 2.2E+00                               | 2.1E-01                              | 1.9E-01                                | 3.7E+02                         | 2.0E+02                         | 1.3E+02                              | 8.0E+01       |
|   |             |   |             | 9.0E-02                         | I           |  |             | V                                    |                                 | Chloromethane                  | 74-87-3                       |                                       |                                      |  |                                 | 1.9E+02                         | 1.9E+02                              |               |
| 2.4E+00   | C           | 6.9E-04                                   | C           |                                 |             |  |             | V                                    |                                 | Chloromethyl Methyl Ether      | 107-30-2                      | 2.8E-02                               | 7.1E-03                              | 5.6E-03                                |                                 |                                 |                                      |               |
|   |             |   |             | 8.0E-02                         | I           |  |             | V                                    |                                 | Chloronaphthalene, Beta-       | 91-58-7                       |                                       |                                      |  | 2.9E+03                         |                                 | 2.9E+03                              |               |
| 3.0E-01   | P           |   |             | 3.0E-03                         | P           | 1.0E-05                                  | X           |                                      |                                 | Chloronitrobenzene, o-         | 88-73-3                       | 2.2E-01                               |                                      | 2.2E-01                                | 1.1E+02                         |                                 | 1.1E+02                              |               |
| 6.3E-03   | P           |   |             | 1.0E-03                         | P           | 6.0E-04                                  | P           |                                      |                                 | Chloronitrobenzene, p-         | 100-00-5                      | 1.1E+01                               |                                      | 1.1E+01                                | 3.7E+01                         |                                 | 3.7E+01                              |               |
|   |             |   |             | 5.0E-03                         | I           |  |             | V                                    |                                 | Chlorophenol, 2-               | 95-57-8                       |                                       |                                      |  | 1.8E+02                         |                                 | 1.8E+02                              |               |
|   |             |   |             | 4.0E-04                         | C           | V  |             |                                      |                                 | Chloropicrin                   | 76-06-2                       |                                       |                                      |  |                                 | 8.3E-01                         | 8.3E-01                              |               |
| 3.1E-03   | C           | 8.9E-07                                   | C           | 1.5E-02                         | I           |  |             |                                      |                                 | Chlorothalonil                 | 1897-45-6                     | 2.2E+01                               |                                      | 2.2E+01                                | 5.5E+02                         |                                 | 5.5E+02                              |               |
|   |             |   |             | 2.0E-02                         | I           |  |             | V                                    |                                 | Chlorotoluene, o-              | 95-49-8                       |                                       |                                      |  | 7.3E+02                         |                                 | 7.3E+02                              |               |
| 2.4E+02   | C           | 6.9E-02                                   | C           | 7.0E-02                         | P           |  |             | V                                    |                                 | Chlorotoluene, p-              | 106-43-4                      |                                       |                                      |  | 2.6E+03                         |                                 | 2.6E+03                              |               |
|   |             |   |             | 2.0E-01                         | I           |  |             |                                      |                                 | Chlorozotocin                  | 54749-90-5                    | 2.8E-04                               |                                      | 2.8E-04                                |                                 |                                 |                                      |               |
|   |             |   |             |                                 |             |  |             |                                      |                                 | Chlorpropham                   | 101-21-3                      |                                       |                                      |  | 7.3E+03                         |                                 | 7.3E+03                              |               |
|   |             |   |             | 3.0E-03                         | I           |  |             |                                      |                                 | Chlorpyrifos                   | 2921-88-2                     |                                       |                                      |  | 1.1E+02                         |                                 | 1.1E+02                              |               |
|   |             |   |             | 1.0E-02                         | H           |  |             |                                      |                                 | Chlorpyrifos Methyl            | 5598-13-0                     |                                       |                                      |  | 3.7E+02                         |                                 | 3.7E+02                              |               |
|   |             |   |             | 5.0E-02                         | I           |  |             |                                      |                                 | Chlorsulfuron                  | 64902-72-3                    |                                       |                                      |  | 1.8E+03                         |                                 | 1.8E+03                              |               |
| 5.0E-01   | J           | 8.4E-02                                   | S           | 8.0E-04                         | H           |  |             |                                      |                                 | Chlorthiophos                  | 60238-56-4                    |                                       |                                      |  | 2.9E+01                         |                                 | 2.9E+01                              |               |
|   |             |   |             | 1.5E+00                         | I           |  |             |                                      |                                 | Chromium(III), Insoluble Salts | 16065-83-1                    |                                       |                                      |  | 5.5E+04                         |                                 | 5.5E+04                              |               |
|   |             |   |             | 3.0E-03                         | I           | 1.0E-04                                  | I           | M                                    |                                 | Chromium(VI)                   | 18540-29-9                    | 4.3E-02                               |                                      | 4.3E-02                                | 1.1E+02                         |                                 | 1.1E+02                              |               |

Regional Screening Level (RSL) Tapwater Supporting Table November 2010

| Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1 |             |   |             |                                 |             |  |             |                                      |              |  |                                      |                                       |                                      |  |                                 |                                 |                                      |                    |
|---|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------------------------------|--------------|--|--------------------------------------|---------------------------------------|--------------------------------------|--|---------------------------------|---------------------------------|--------------------------------------|--------------------|
| Toxicity and Chemical-specific Information  |             |   |             |                                 |             |  |             |                                      |              | Contaminant  |                                      | Carcinogenic Target Risk (TR) = 1E-06 |                                      |  | Noncancer Hazard Index (HI) = 1 |                                 |                                      |                    |
| SFO<br>(mg/kg-day) <sup>-1</sup>  | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>u<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte  | CAS No.                              | Ingestion SL<br>TR=1.0E-6<br>(ug/L)   | Inhalation SL<br>TR=1.0E-6<br>(ug/L) | Carcinogenic SL<br>TR=1.0E-6<br>(ug/L) | Ingestion SL<br>HQ=1<br>(ug/L)  | Inhalation SL<br>HQ=1<br>(ug/L) | Noncarcinogenic SL<br>HI=1<br>(ug/L) | MCL<br>(ug/L)      |
|   |             | 9.0E-03<br>6.2E-04                        | P<br>I      | 3.0E-04                         | P           | 6.0E-06                                  | P           |                                      |              | Chromium, Total<br>Cobalt<br>Coke Oven Emissions   | 7440-47-3<br>7440-48-4<br>8007-45-2  |                                       |                                      |  | 1.1E+01                         |                                 | 1.1E+01                              | 1.0E+02            |
|   |             |   |             | 4.0E-02<br>5.0E-02<br>5.0E-02   | H<br>I<br>I | 6.0E-01<br>6.0E-01<br>6.0E-01            | C<br>C<br>C |                                      |              | Copper<br>Cresol, m-<br>Cresol, o-   | 7440-50-8<br>108-39-4<br>95-48-7     |                                       |                                      |  | 1.5E+03<br>1.8E+03<br>1.8E+03   |                                 | 1.5E+03<br>1.8E+03<br>1.8E+03        | 1.3E+03            |
|   |             |   |             | 5.0E-03<br>1.0E-01<br>1.0E-01   | H<br>X<br>A | 6.0E-01<br>X<br>6.0E-01                  | C<br>C<br>C |                                      |              | Cresol, p-<br>Cresol, p-chloro-m-<br>Cresols   | 106-44-5<br>59-50-7<br>1319-77-3     |                                       |                                      |  | 1.8E+02<br>3.7E+03<br>3.7E+03   |                                 | 1.8E+02<br>3.7E+03<br>9.3E+02        |                    |
| 1.9E+00<br>2.2E-01  | H<br>C      | 6.3E-05                                   | C           | 1.0E-01                         | I           | 4.0E-01                                  | I           | V                                    |              | Crotonaldehyde, trans-<br>Cumene<br>Cupferron  | 123-73-9<br>98-82-8<br>135-20-6      | 3.5E-02<br>3.1E-01                    |                                      | 3.5E-02<br>3.1E-01                     | 3.7E+03                         | 8.3E+02                         | 6.8E+02                              |                    |
| 8.4E-01   | H           |   |             | 2.0E-03                         | H           |  |             |                                      |              | Cyanazine<br>Cyanides  | 21725-46-2                           | 8.0E-02                               |                                      | 8.0E-02                                | 7.3E+01                         |                                 | 7.3E+01                              |                    |
|   |             |   |             | 4.0E-02                         | I           |  |             |                                      |              | ~Calcium Cyanide   | 592-01-8                             |                                       |                                      |  | 1.5E+03                         |                                 | 1.5E+03                              |                    |
|   |             |   |             | 5.0E-03<br>2.0E-02<br>4.0E-02   | I<br>I<br>I |  |             | V<br>V<br>V                          |              | ~Copper Cyanide<br>~Cyanide (CN-)<br>~Cyanogen   | 544-92-3<br>57-12-5<br>460-19-5      |                                       |                                      |  | 1.8E+02<br>7.3E+02<br>1.5E+03   |                                 | 1.8E+02<br>7.3E+02<br>1.5E+03        | 2.0E+02            |
|   |             |   |             | 9.0E-02<br>5.0E-02<br>6.0E-04   | I<br>I<br>I | 8.0E-04                                  | I           | V<br>V<br>V                          |              | ~Cyanogen Bromide<br>~Cyanogen Chloride<br>~Hydrogen Cyanide                                       | 506-68-3<br>506-77-4<br>74-90-8      |                                       |                                      |  | 3.3E+03<br>1.8E+03<br>2.2E+01   | 1.7E+00                         | 3.3E+03<br>1.8E+03<br>1.6E+00        |                    |
|   |             |   |             | 5.0E-02<br>2.0E-01<br>1.0E-01   | I<br>I<br>I |  |             |                                      |              | ~Potassium Cyanide<br>~Potassium Silver Cyanide<br>~Silver Cyanide                                 | 151-50-8<br>506-61-6<br>506-64-9     |                                       |                                      |  | 1.8E+03<br>7.3E+03<br>3.7E+03   |                                 | 1.8E+03<br>7.3E+03<br>3.7E+03        |                    |
|   |             |   |             | 4.0E-02<br>2.0E-04<br>5.0E-02   | I<br>P<br>I |  |             | V                                    |              | ~Sodium Cyanide<br>~Thiocyanate<br>~Zinc Cyanide   | 143-33-9<br>463-56-9<br>557-21-1     |                                       |                                      |  | 1.5E+03<br>7.3E+00<br>1.8E+03   |                                 | 1.5E+03<br>7.3E+00<br>1.8E+03        | 2.0E+02            |
| 2.3E-02   | H           |   |             | 6.0E+00                         | I           |  | V           |                                      |              | Cyclohexane<br>Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-<br>Cyclohexanone                        | 110-82-7<br>87-84-3<br>108-94-1      | 2.9E+00                               |                                      | 2.9E+00                                |                                 | 1.3E+04                         | 1.3E+04                              |                    |
|   |             |   |             | 5.0E+00                         | I           |  |             |                                      |              |  |                                      |                                       |                                      |  | 1.8E+05                         |                                 | 1.8E+05                              |                    |
|   |             |   |             | 2.0E-01<br>5.0E-03<br>1.0E-02   | I<br>I<br>I |  |             |                                      |              | Cyclohexylamine<br>Cyhalothrin/karate<br>Cypermethrin  | 108-91-8<br>68085-85-8<br>52315-07-8 |                                       |                                      |  | 7.3E+03<br>1.8E+02<br>3.7E+02   |                                 | 7.3E+03<br>1.8E+02<br>3.7E+02        |                    |
| 2.4E-01<br>3.4E-01  | I<br>I      | 6.9E-05<br>9.7E-05                        | C<br>C      | 7.5E-03                         | I           |  |             |                                      |              | Cyromazine<br>DDD<br>DDE, p,p'-  | 66215-27-8<br>72-54-8<br>72-55-9     | 2.8E-01<br>2.0E-01                    |                                      | 2.8E-01<br>2.0E-01                     | 2.7E+02                         |                                 | 2.7E+02                              |                    |
| 3.4E-01   | I           | 9.7E-05                                   | I           | 5.0E-04<br>1.0E-02<br>3.0E-02   | I<br>I<br>I |  |             |                                      |              | DDT<br>Dacthal<br>Dalapon  | 50-29-3<br>1861-32-1<br>75-99-0      | 2.0E-01                               |                                      | 2.0E-01                                | 1.8E+01<br>3.7E+02<br>1.1E+03   |                                 | 1.8E+01<br>3.7E+02<br>1.1E+03        | 2.0E+02            |
| 7.0E-04<br>1.2E-03  | I<br>I      |   |             | 7.0E-03<br>4.0E-05<br>6.0E-01   | I<br>I<br>I |  |             |                                      |              | Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)<br>Demeton<br>Di(2-ethylhexyl)adipate | 1163-19-5<br>8065-48-3<br>103-23-1   | 9.6E+01<br>5.6E+01                    |                                      | 9.6E+01<br>5.6E+01                     | 2.6E+02<br>1.5E+00<br>2.2E+04   |                                 | 2.6E+02<br>1.5E+00<br>2.2E+04        | 4.0E+02            |
| 6.1E-02   | H           |   |             | 7.0E-04                         | A           |  |             |                                      |              | Diallate<br>Diazinon   | 2303-16-4<br>333-41-5                | 1.1E+00                               |                                      | 1.1E+00                                | 2.6E+01                         |                                 | 2.6E+01                              |                    |
| 8.0E-01   | P           | 6.0E-03                                   | P           | 2.0E-04                         | P           | 2.0E-04                                  | I           | V                                    | M            | Dibromo-3-chloropropane, 1,2-  | 96-12-8                              | 2.7E-02                               | 3.2E-04                              | 3.2E-04                                | 7.3E+00                         | 4.2E-01                         | 3.9E-01                              | 2.0E-01            |
| 8.4E-02<br>2.0E+00  | I<br>I      | 2.7E-05<br>6.0E-04                        | C<br>I      | 1.0E-02<br>2.0E-02<br>9.0E-03   | I<br>I<br>I |  |             | V<br>V<br>V                          |              | Dibromobenzene, 1,4-<br>Dibromochloromethane<br>Dibromoethane, 1,2-                                | 106-37-6<br>124-48-1<br>106-93-4     | 8.0E-01<br>3.4E-02                    | 1.8E-01<br>8.1E-03                   | 1.5E-01<br>6.5E-03                     | 3.7E+02<br>7.3E+02<br>3.3E+02   | 1.9E+01                         | 3.7E+02<br>7.3E+02<br>1.8E+01        | 8.0E+01<br>5.0E-02 |
|   |             |   |             | 1.0E-02                         | H           | 4.0E-03                                  | X           | V                                    |              | Dibromomethane (Methylene Bromide)   | 74-95-3                              |                                       |                                      |  | 3.7E+02                         | 8.3E+00                         | 8.2E+00                              |                    |

Regional Screening Level (RSL) Tapwater Supporting Table November 2010

| Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1 |             |   |             |                                 |             |  |             |                                      |                                       |  |                                     |                                     |                                      |  |                                |                                 |                                      |                    |
|---|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------------------------------|---------------------------------------|--|-------------------------------------|-------------------------------------|--------------------------------------|--|--------------------------------|---------------------------------|--------------------------------------|--------------------|
| Toxicity and Chemical-specific Information  |             |   |             |                                 |             |  | Contaminant |                                      | Carcinogenic Target Risk (TR) = 1E-06 |  |                                     | Noncancer Hazard Index (HI) = 1     |                                      |  |                                |                                 |                                      |                    |
| SFO<br>(mg/kg-day) <sup>-1</sup>  | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | m<br>u<br>t<br>a<br>g<br>e<br>n       | Analyte  | CAS No.                             | Ingestion SL<br>TR=1.0E-6<br>(ug/L) | Inhalation SL<br>TR=1.0E-6<br>(ug/L) | Carcinogenic SL<br>TR=1.0E-6<br>(ug/L) | Ingestion SL<br>HQ=1<br>(ug/L) | Inhalation SL<br>HQ=1<br>(ug/L) | Noncarcinogenic SL<br>HI=1<br>(ug/L) | MCL<br>(ug/L)      |
|   |             |   |             | 1.0E-01<br>3.0E-04              |             |  |             |                                      |                                       | Dibutyl Phthalate<br>Dibutyltin Compounds  | 84-74-2<br>NA                       |                                     |                                      |  | 3.7E+03<br>1.1E+01             |                                 | 3.7E+03<br>1.1E+01                   |                    |
|   |             |   |             | 3.0E-02                         |             |  |             |                                      |                                       | Dicamba  | 1918-00-9                           |                                     |                                      |  | 1.1E+03                        |                                 | 1.1E+03                              |                    |
|   |             | 4.2E-03<br>4.2E-03                        | P<br>P      |                                 |             |  |             |                                      |                                       | Dichloro-2-butene, 1,4-<br>Dichloro-2-butene, cis-1,4-   | 764-41-0<br>1476-11-5               |                                     | 1.2E-03<br>1.2E-03                   | 1.2E-03<br>1.2E-03                     |                                |                                 |                                      |                    |
| 5.0E-02   | I           | 4.2E-03                                   | P           | 4.0E-03<br>9.0E-02              | I           | 2.0E-01                                  | H           | V                                    |                                       | Dichloro-2-butene, trans-1,4-<br>Dichloroacetic Acid<br>Dichlorobenzene, 1,2-                  | 110-57-6<br>79-43-6<br>95-50-1      | 1.3E+00                             | 1.2E-03                              | 1.2E-03                                | 1.5E+02<br>3.3E+03             | 4.2E+02                         | 1.5E+02<br>3.7E+02                   | 6.0E+01<br>6.0E+02 |
| 5.4E-03<br>4.5E-01  | C<br>I      | 1.1E-05<br>3.4E-04                        | C<br>C      | 7.0E-02<br>9.0E-03              | A           | 8.0E-01                                  | I           | V                                    |                                       | Dichlorobenzene, 1,4-<br>Dichlorobenzidine, 3,3'-<br>Dichlorobenzophenone, 4,4'-               | 106-46-7<br>91-94-1<br>90-98-2      | 1.2E+01<br>1.5E-01                  | 4.4E-01                              | 4.3E-01<br>1.5E-01                     | 2.6E+03<br>3.3E+02             | 1.7E+03                         | 1.0E+03<br>3.3E+02                   | 7.5E+01            |
| 5.7E-03<br>9.1E-02  | C<br>I      | 1.6E-06<br>2.6E-05                        | C<br>I      | 2.0E-01<br>2.0E-02              | I           | 2.0E-01                                  | H           | V                                    |                                       | Dichlorodifluoromethane<br>Dichloroethane, 1,1-<br>Dichloroethane, 1,2-                        | 75-71-8<br>75-34-3<br>107-06-2      | 1.2E+01<br>7.4E-01                  | 3.0E+00<br>1.9E-01                   | 2.4E+00<br>1.5E-01                     | 7.3E+03<br>7.3E+02             | 4.2E+02<br>5.1E+03              | 3.9E+02<br>6.4E+02                   | 5.0E+00            |
|   |             |   |             | 5.0E-02<br>9.0E-03<br>2.0E-03   | I<br>H<br>I | 2.0E-01                                  | I           | V                                    |                                       | Dichloroethylene, 1,1-<br>Dichloroethylene, 1,2- (Mixed Isomers)<br>Dichloroethylene, 1,2-cis- | 75-35-4<br>540-59-0<br>156-59-2     |                                     |                                      |  | 1.8E+03<br>3.3E+02<br>7.3E+01  | 4.2E+02                         | 3.4E+02<br>3.3E+02<br>7.3E+01        | 7.0E+00<br>7.0E+01 |
|   |             |   |             | 2.0E-02<br>3.0E-03<br>1.0E-02   | I<br>I<br>I | 6.0E-02                                  | P           | V                                    |                                       | Dichloroethylene, 1,2-trans-<br>Dichlorophenol, 2,4-<br>Dichlorophenoxy Acetic Acid, 2,4-      | 156-60-5<br>120-83-2<br>94-75-7     |                                     |                                      |  | 7.3E+02<br>1.1E+02<br>3.7E+02  | 1.3E+02                         | 1.1E+02<br>1.1E+02<br>3.7E+02        | 1.0E+02<br>7.0E+01 |
| 3.6E-02   | C           | 1.0E-05                                   | C           | 8.0E-03<br>9.0E-02<br>2.0E-02   | I<br>A      | 4.0E-03                                  | I           | V                                    |                                       | Dichlorophenoxybutyric Acid, 4-(2,4-<br>Dichloropropane, 1,2-<br>Dichloropropane, 1,3-         | 94-82-6<br>78-87-5<br>142-28-9      | 1.9E+00                             | 4.9E-01                              | 3.9E-01                                | 2.9E+02<br>3.3E+03<br>7.3E+02  | 8.3E+00                         | 2.9E+02<br>8.3E+00<br>7.3E+02        | 5.0E+00            |
| 1.0E-01<br>2.9E-01  | I<br>I      | 4.0E-06<br>8.3E-05                        | I<br>C      | 3.0E-03<br>3.0E-02<br>5.0E-04   | I           | 2.0E-02                                  | I           | V                                    |                                       | Dichloropropanol, 2,3-<br>Dichloropropene, 1,3-<br>Dichlorvos                                  | 616-23-9<br>542-75-6<br>62-73-7     | 6.7E-01<br>2.3E-01                  | 1.2E+00                              | 4.3E-01                                | 1.1E+03<br>1.8E+01             | 4.2E+01                         | 4.0E+01<br>1.8E+01                   |                    |
| 1.6E+01   | I           | 4.6E-03<br>3.0E-04                        | I<br>C      | 8.0E-03<br>5.0E-05<br>5.0E-03   | P<br>I      | 7.0E-03                                  | P           | V                                    |                                       | Dicyclopentadiene<br>Dieldrin<br>Diesel Engine Exhaust   | 77-73-6<br>60-57-1<br>NA            | 4.2E-03                             |                                      | 4.2E-03                                | 2.9E+02<br>1.8E+00             | 1.5E+01                         | 1.4E+01<br>1.8E+00                   |                    |
|   |             |   |             | 8.0E-01<br>3.0E-02              | I<br>P      | 1.0E-04                                  | P           |                                      |                                       | Diethanolamine<br>Diethyl Phthalate<br>Diethylene Glycol Monobutyl Ether                       | 111-42-2<br>84-66-2<br>112-34-5     |                                     |                                      |  | 2.9E+04<br>1.1E+03             |                                 | 2.9E+04<br>1.1E+03                   |                    |
| 3.5E+02   | C           | 1.0E-01                                   | C           | 6.0E-02<br>1.0E-03              | P<br>P      | 3.0E-04                                  | P           |                                      |                                       | Diethylene Glycol Monoethyl Ether<br>Diethylformamide<br>Diethylstilbestrol                    | 111-90-0<br>617-84-5<br>56-53-1     | 1.9E-04                             |                                      | 1.9E-04                                | 2.2E+03<br>3.7E+01             |                                 | 2.2E+03<br>3.7E+01                   |                    |
|   |             |   |             | 8.0E-02<br>2.0E-02              | I<br>I      |  |             |                                      |                                       | Difenzoquat<br>Diflubenzuron<br>Difluoroethane, 1,1-   | 43222-48-6<br>35367-38-5<br>75-37-6 |                                     |                                      |  | 2.9E+03<br>7.3E+02             | 8.3E+04                         | 2.9E+03<br>7.3E+02<br>8.3E+04        |                    |
| 4.4E-02   | C           | 1.3E-05                                   | C           |                                 |             | 4.0E-01                                  | P           | V                                    |                                       | Dihydrosafrole<br>Diisopropyl Ether<br>Diisopropyl Methylphosphonate                           | 94-58-6<br>108-20-3<br>1445-75-6    | 1.5E+00                             |                                      | 1.5E+00                                |                                | 8.3E+02                         | 8.3E+02                              |                    |
|   |             |   |             | 8.0E-02<br>2.0E-04              | I<br>I      |  |             |                                      |                                       | Dimethipin<br>Dimethoate<br>Dimethoxybenzidine, 3,3'-  | 55290-64-7<br>60-51-5<br>119-90-4   |                                     |                                      | 4.8E+00                                | 7.3E+02<br>7.3E+00             |                                 | 7.3E+02<br>7.3E+00                   |                    |
| 1.4E-02   | H           |   |             |                                 |             |  |             |                                      |                                       | Dimethyl methylphosphonate<br>Dimethoxybenzidine, 3,3'-  | 756-79-6<br>60-11-7<br>21436-96-4   | 4.0E+01<br>1.5E-02                  |                                      | 4.0E+01<br>1.5E-02                     | 2.2E+03<br>1.2E-01             |                                 | 2.2E+03<br>1.2E-01                   |                    |
| 1.7E-03<br>4.6E+00<br>5.8E-01   | P<br>C<br>H | 1.3E-03                                   | C           | 6.0E-02                         | P           |  |             |                                      |                                       | Dimethylamino azobenzene [p-]<br>Dimethylaniline HCl, 2,4-                                     | 60-11-7<br>21436-96-4               | 1.5E-02<br>1.2E-01                  |                                      | 1.5E-02<br>1.2E-01                     |                                |                                 |                                      |                    |
| 7.5E-01   | H           |   |             | 2.0E-03                         | I           |  |             | V                                    |                                       | Dimethylaniline, 2,4-<br>Dimethylaniline, N,N-   | 95-68-1<br>121-69-7                 | 9.0E-02                             |                                      | 9.0E-02                                | 7.3E+01                        |                                 | 7.3E+01                              |                    |



Regional Screening Level (RSL) Tapwater Supporting Table November 2010

| Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1 |             |   |             |                                 |             |  |             |                                      |                      |                                      |            |                                       |                                      |  |                                 |                                 |                                      |               |
|---|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------------------------------|----------------------|--------------------------------------|------------|---------------------------------------|--------------------------------------|--|---------------------------------|---------------------------------|--------------------------------------|---------------|
| Toxicity and Chemical-specific Information  |             |   |             |                                 |             |  |             |                                      |                      | Contaminant                          |            | Carcinogenic Target Risk (TR) = 1E-06 |                                      |  | Noncancer Hazard Index (HI) = 1 |                                 |                                      |               |
| SFO<br>(mg/kg-day) <sup>-1</sup>  | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>u<br>t<br>i<br>l<br>e | muta-<br>g<br>e<br>n | Analyte                              | CAS No.    | Ingestion SL<br>TR=1.0E-6<br>(ug/L)   | Inhalation SL<br>TR=1.0E-6<br>(ug/L) | Carcinogenic SL<br>TR=1.0E-6<br>(ug/L) | Ingestion SL<br>HQ=1<br>(ug/L)  | Inhalation SL<br>HQ=1<br>(ug/L) | Noncarcinogenic SL<br>HI=1<br>(ug/L) | MCL<br>(ug/L) |
| 1.1E+01   | P           |   |             |                                 |             |  |             |                                      |                      | Dimethylbenzidine, 3,3'-             | 119-93-7   | 6.1E-03                               |                                      | 6.1E-03                                |                                 |                                 |                                      |               |
|   |             |   |             | 1.0E-01                         | P           | 3.0E-02                                  | I           |                                      |                      | Dimethylformamide                    | 68-12-2    |                                       |                                      |  | 3.7E+03                         |                                 | 3.7E+03                              |               |
| 5.5E+02   | C           | 1.6E-01                                   | C           | 1.0E-04                         | X           | 2.0E-06                                  | X           |                                      |                      | Dimethylhydrazine, 1,1-              | 57-14-7    |                                       |                                      |  | 3.7E+00                         |                                 | 3.7E+00                              |               |
|   |             |   |             |                                 |             |  |             |                                      |                      | Dimethylhydrazine, 1,2-              | 540-73-8   | 1.2E-04                               |                                      | 1.2E-04                                |                                 |                                 |                                      |               |
|   |             |   |             | 2.0E-02                         | I           |  |             |                                      |                      | Dimethylphenol, 2,4-                 | 105-67-9   |                                       |                                      |  | 7.3E+02                         |                                 | 7.3E+02                              |               |
|   |             |   |             | 6.0E-04                         | I           |  |             |                                      |                      | Dimethylphenol, 2,6-                 | 576-26-1   |                                       |                                      |  | 2.2E+01                         |                                 | 2.2E+01                              |               |
|   |             |   |             | 1.0E-03                         | I           |  |             |                                      |                      | Dimethylphenol, 3,4-                 | 95-65-8    |                                       |                                      |  | 3.7E+01                         |                                 | 3.7E+01                              |               |
| 4.5E-02   | C           | 1.3E-05                                   | C           | 1.0E-01                         | I           |  |             | V                                    |                      | Dimethylterephthalate                | 120-61-6   |                                       |                                      |  | 3.7E+03                         |                                 | 3.7E+03                              |               |
|   |             |   |             |                                 |             |  |             |                                      |                      | Dimethylvinylchloride                | 513-37-1   | 1.5E+00                               |                                      | 1.5E+00                                |                                 |                                 |                                      |               |
|   |             |   |             | 8.0E-05                         | X           |  |             |                                      |                      | Dinitro-o-cresol, 4,6-               | 534-52-1   |                                       |                                      |  | 2.9E+00                         |                                 | 2.9E+00                              |               |
|   |             |   |             | 2.0E-03                         | I           |  |             |                                      |                      | Dinitro-o-cyclohexyl Phenol, 4,6-    | 131-89-5   |                                       |                                      |  | 7.3E+01                         |                                 | 7.3E+01                              |               |
|   |             |   |             | 1.0E-04                         | P           |  |             |                                      |                      | Dinitrobenzene, 1,2-                 | 528-29-0   |                                       |                                      |  | 3.7E+00                         |                                 | 3.7E+00                              |               |
|   |             |   |             | 1.0E-04                         | I           |  |             |                                      |                      | Dinitrobenzene, 1,3-                 | 99-65-0    |                                       |                                      |  | 3.7E+00                         |                                 | 3.7E+00                              |               |
|   |             |   |             | 1.0E-04                         | P           |  |             |                                      |                      | Dinitrobenzene, 1,4-                 | 100-25-4   |                                       |                                      |  | 3.7E+00                         |                                 | 3.7E+00                              |               |
| 6.8E-01   | I           |   |             | 2.0E-03                         | I           |  |             |                                      |                      | Dinitrophenol, 2,4-                  | 51-28-5    |                                       |                                      |  | 7.3E+01                         |                                 | 7.3E+01                              |               |
|   |             |   |             |                                 |             |  |             |                                      |                      | Dinitrotoluene Mixture, 2,4/2,6-     | 25321-14-6 | 9.9E-02                               |                                      | 9.9E-02                                |                                 |                                 |                                      |               |
| 3.1E-01   | C           | 8.9E-05                                   | C           | 2.0E-03                         | I           |  |             |                                      |                      | Dinitrotoluene, 2,4-                 | 121-14-2   | 2.2E-01                               |                                      | 2.2E-01                                | 7.3E+01                         |                                 | 7.3E+01                              |               |
|   |             |   |             | 1.0E-03                         | P           |  |             |                                      |                      | Dinitrotoluene, 2,6-                 | 606-20-2   |                                       |                                      |  | 3.7E+01                         |                                 | 3.7E+01                              |               |
|   |             |   |             | 2.0E-03                         | S           |  |             |                                      |                      | Dinitrotoluene, 2-Amino-4,6-         | 35572-78-2 |                                       |                                      |  | 7.3E+01                         |                                 | 7.3E+01                              |               |
|   |             |   |             | 2.0E-03                         | S           |  |             |                                      |                      | Dinitrotoluene, 4-Amino-2,6-         | 19406-51-0 |                                       |                                      |  | 7.3E+01                         |                                 | 7.3E+01                              |               |
| 1.0E-01   | I           | 7.7E-06                                   | C           | 1.0E-03                         | I           | 3.6E+00                                  | A           |                                      |                      | Dinoseb                              | 88-85-7    |                                       |                                      |  | 3.7E+01                         |                                 | 3.7E+01                              | 7.0E+00       |
|   |             |   |             | 3.0E-02                         | I           |  |             |                                      |                      | Dioxane, 1,4-                        | 123-91-1   | 6.7E-01                               |                                      | 6.7E-01                                | 1.1E+03                         |                                 | 1.1E+03                              |               |
|   |             |   |             |                                 |             |  |             |                                      |                      | <b>Dioxins</b>                       |            |                                       |                                      |  |                                 |                                 |                                      |               |
| 6.2E+03   | I           | 1.3E+00                                   | I           |                                 |             |  |             |                                      |                      | ~Hexachlorodibenzo-p-dioxin, Mixture | NA         | 1.1E-05                               |                                      | 1.1E-05                                |                                 |                                 |                                      |               |
| 1.3E+05   | C           | 3.8E+01                                   | C           | 1.0E-09                         | A           | 4.0E-08                                  | C           |                                      |                      | ~TCDD, 2,3,7,8-                      | 1746-01-6  | 5.2E-07                               |                                      | 5.2E-07                                | 3.7E-05                         |                                 | 3.7E-05                              | 3.0E-05       |
|   |             |   |             | 3.0E-02                         | I           |  |             |                                      |                      | Diphenamid                           | 957-51-7   |                                       |                                      |  | 1.1E+03                         |                                 | 1.1E+03                              |               |
|   |             |   |             | 8.0E-04                         | X           |  |             |                                      |                      | Diphenyl Sulfone                     | 127-63-9   |                                       |                                      |  | 2.9E+01                         |                                 | 2.9E+01                              |               |
|   |             |   |             | 2.5E-02                         | I           |  |             |                                      |                      | Diphenylamine                        | 122-39-4   |                                       |                                      |  | 9.1E+02                         |                                 | 9.1E+02                              |               |
| 8.0E-01   | I           | 2.2E-04                                   | I           |                                 |             |  |             |                                      |                      | Diphenylhydrazine, 1,2-              | 122-66-7   | 8.4E-02                               |                                      | 8.4E-02                                |                                 |                                 |                                      |               |
|   |             |   |             | 2.2E-03                         | I           |  |             |                                      |                      | Diquat                               | 85-00-7    |                                       |                                      |  | 8.0E+01                         |                                 | 8.0E+01                              | 2.0E+01       |
| 7.4E+00   | C           | 2.1E-03                                   | C           |                                 |             |  |             |                                      |                      | Direct Black 38                      | 1937-37-7  | 9.1E-03                               |                                      | 9.1E-03                                |                                 |                                 |                                      |               |
| 7.4E+00   | C           | 2.1E-03                                   | C           |                                 |             |  |             |                                      |                      | Direct Blue 6                        | 2602-46-2  | 9.1E-03                               |                                      | 9.1E-03                                |                                 |                                 |                                      |               |
| 6.7E+00   | C           | 1.9E-03                                   | C           |                                 |             |  |             |                                      |                      | Direct Brown 95                      | 16071-86-6 | 1.0E-02                               |                                      | 1.0E-02                                |                                 |                                 |                                      |               |
|   |             |   |             | 4.0E-05                         | I           |  |             |                                      |                      | Disulfoton                           | 298-04-4   |                                       |                                      |  | 1.5E+00                         |                                 | 1.5E+00                              |               |
|   |             |   |             | 1.0E-02                         | I           |  |             |                                      |                      | Dithiane, 1,4-                       | 505-29-3   |                                       |                                      |  | 3.7E+02                         |                                 | 3.7E+02                              |               |
|   |             |   |             | 2.0E-03                         | I           |  |             |                                      |                      | Diuron                               | 330-54-1   |                                       |                                      |  | 7.3E+01                         |                                 | 7.3E+01                              |               |
|   |             |   |             | 4.0E-03                         | I           |  |             |                                      |                      | Dodine                               | 2439-10-3  |                                       |                                      |  | 1.5E+02                         |                                 | 1.5E+02                              |               |
|   |             |   |             | 2.5E-02                         | I           |  |             | V                                    |                      | EPTC                                 | 759-94-4   |                                       |                                      |  | 9.1E+02                         |                                 | 9.1E+02                              |               |
|   |             |   |             | 6.0E-03                         | I           |  |             |                                      |                      | Endosulfan                           | 115-29-7   |                                       |                                      |  | 2.2E+02                         |                                 | 2.2E+02                              |               |
|   |             |   |             | 2.0E-02                         | I           |  |             |                                      |                      | Endothall                            | 145-73-3   |                                       |                                      |  | 7.3E+02                         |                                 | 7.3E+02                              | 1.0E+02       |
|   |             |   |             | 3.0E-04                         | I           |  |             |                                      |                      | Endrin                               | 72-20-8    |                                       |                                      |  | 1.1E+01                         |                                 | 1.1E+01                              | 2.0E+00       |
| 9.9E-03   | I           | 1.2E-06                                   | I           | 6.0E-03                         | P           | 1.0E-03                                  | I           | V                                    |                      | Epichlorohydrin                      | 106-89-8   | 6.8E+00                               | 4.1E+00                              | 2.5E+00                                | 2.2E+02                         | 2.1E+00                         | 2.1E+00                              | 2.1E+00       |
|   |             |   |             | 2.0E-02                         | I           | V  |             |                                      |                      | Epoxybutane, 1,2-                    | 106-88-7   |                                       |                                      |  | 4.2E+01                         |                                 | 4.2E+01                              |               |
|   |             |   |             | 5.0E-03                         | I           |  |             |                                      |                      | Ethephon                             | 16672-87-0 |                                       |                                      |  | 1.8E+02                         |                                 | 1.8E+02                              |               |
|   |             |   |             | 5.0E-04                         | I           |  |             |                                      |                      | Ethion                               | 563-12-2   |                                       |                                      |  | 1.8E+01                         |                                 | 1.8E+01                              |               |
|   |             |   |             | 3.0E-01                         | H           | 3.0E-01                                  | C           |                                      |                      | Ethoxyethanol Acetate, 2-            | 111-15-9   |                                       |                                      |  | 1.1E+04                         |                                 | 1.1E+04                              |               |
|   |             |   |             | 4.0E-01                         | H           | 2.0E-01                                  | I           |                                      |                      | Ethoxyethanol, 2-                    | 110-80-5   |                                       |                                      |  | 1.5E+04                         |                                 | 1.5E+04                              |               |
| 4.8E-02   | H           |   |             | 9.0E-01                         | I           |  |             | V                                    |                      | Ethyl Acetate                        | 141-78-6   |                                       |                                      |  | 3.3E+04                         |                                 | 3.3E+04                              |               |
|   |             |   |             |                                 |             |  |             | V                                    |                      | Ethyl Acrylate                       | 140-88-5   | 1.4E+00                               |                                      | 1.4E+00                                |                                 |                                 |                                      |               |

Regional Screening Level (RSL) Tapwater Supporting Table November 2010

| Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1 |             |   |             |                                 |             |  |             |                                       |              |  |                                 |                                     |                                      |  |                                |                                 |                                      |               |
|---|-------------|---|-------------|---------------------------------|-------------|--|-------------|---------------------------------------|--------------|--|---------------------------------|-------------------------------------|--------------------------------------|--|--------------------------------|---------------------------------|--------------------------------------|---------------|
| Toxicity and Chemical-specific Information  |             |   |             |                                 |             | Contaminant                              |             | Carcinogenic Target Risk (TR) = 1E-06 |              |  | Noncancer Hazard Index (HI) = 1 |                                     |                                      |  |                                |                                 |                                      |               |
| SFO<br>(mg/kg-day) <sup>-1</sup>  | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>u<br>t<br>i<br>l<br>e  | muta-<br>gen | Analyte  | CAS No.                         | Ingestion SL<br>TR=1.0E-6<br>(ug/L) | Inhalation SL<br>TR=1.0E-6<br>(ug/L) | Carcinogenic SL<br>TR=1.0E-6<br>(ug/L) | Ingestion SL<br>HQ=1<br>(ug/L) | Inhalation SL<br>HQ=1<br>(ug/L) | Noncarcinogenic SL<br>HI=1<br>(ug/L) | MCL<br>(ug/L) |
|   |             |   |             | 1.0E+01                         | I           |  |             | V                                     |              | Ethyl Chloride                                     | 75-00-3                         |                                     |                                      |  |                                | 2.1E+04                         | 2.1E+04                              |               |
|   |             |   |             | 2.0E-01                         | I           |  |             | V                                     |              | Ethyl Ether  | 60-29-7                         |                                     |                                      |  | 7.3E+03                        |                                 | 7.3E+03                              |               |
|   |             |   |             | 9.0E-02                         | H           |  |             | V                                     |              | Ethyl Methacrylate                                 | 97-63-2                         |                                     |                                      |  | 3.3E+03                        |                                 | 3.3E+03                              |               |
| 1.1E-02   | C           | 2.5E-06                                   | C           | 1.0E-05                         | I           |  |             |                                       |              | Ethyl-p-nitrophenyl Phosphonate                    | 2104-64-5                       |                                     |                                      |  | 3.7E-01                        |                                 | 3.7E-01                              |               |
|   |             |   |             | 1.0E-01                         | I           | 1.0E+00                                  | I           | V                                     |              | Ethylbenzene                                       | 100-41-4                        | 6.1E+00                             | 1.9E+00                              | 1.5E+00                                | 3.7E+03                        | 2.1E+03                         | 1.3E+03                              | 7.0E+02       |
|   |             |   |             | 3.0E-02                         | P           |  |             |                                       |              | Ethylene Cyanohydrin                               | 109-78-4                        |                                     |                                      |  | 1.1E+03                        |                                 | 1.1E+03                              |               |
|   |             |   |             | 9.0E-02                         | P           |  |             |                                       |              | Ethylene Diamine                                   | 107-15-3                        |                                     |                                      |  | 3.3E+03                        |                                 | 3.3E+03                              |               |
|   |             |   |             | 2.0E+00                         | I           | 4.0E-01                                  | C           |                                       |              | Ethylene Glycol                                    | 107-21-1                        |                                     |                                      |  | 7.3E+04                        |                                 | 7.3E+04                              |               |
|   |             |   |             | 1.0E-01                         | I           | 1.6E+00                                  | I           |                                       |              | Ethylene Glycol Monobutyl Ether                    | 111-76-2                        |                                     |                                      |  | 3.7E+03                        |                                 | 3.7E+03                              |               |
| 3.1E-01   | C           | 8.8E-05                                   | C           |                                 |             | 3.0E-02                                  | C           | V                                     |              | Ethylene Oxide                                     | 75-21-8                         | 2.2E-01                             | 5.5E-02                              | 4.4E-02                                |                                | 6.3E+01                         | 6.3E+01                              |               |
| 4.5E-02   | C           | 1.3E-05                                   | C           | 8.0E-05                         | I           |  |             |                                       |              | Ethylene Thiourea                                  | 96-45-7                         | 1.5E+00                             |                                      | 1.5E+00                                | 2.9E+00                        |                                 | 2.9E+00                              |               |
| 6.5E+01   | C           | 1.9E-02                                   | C           |                                 |             |  |             |                                       |              | Ethyleneimine                                      | 151-56-4                        | 1.0E-03                             |                                      | 1.0E-03                                |                                |                                 |                                      |               |
|   |             |   |             | 3.0E+00                         | I           |  |             |                                       |              | Ethylphthalyl Ethyl Glycolate                      | 84-72-0                         |                                     |                                      |  | 1.1E+05                        |                                 | 1.1E+05                              |               |
|   |             |   |             | 8.0E-03                         | I           |  |             |                                       |              | Express  | 101200-48-0                     |                                     |                                      |  | 2.9E+02                        |                                 | 2.9E+02                              |               |
|   |             |   |             | 2.5E-04                         | I           |  |             |                                       |              | Fenamiphos   | 22224-92-6                      |                                     |                                      |  | 9.1E+00                        |                                 | 9.1E+00                              |               |
|   |             |   |             | 2.5E-02                         | I           |  |             |                                       |              | Fenprothrin  | 39515-41-8                      |                                     |                                      |  | 9.1E+02                        |                                 | 9.1E+02                              |               |
|   |             |   |             | 1.3E-02                         | I           |  |             |                                       |              | Fluometuron  | 2164-17-2                       |                                     |                                      |  | 4.7E+02                        |                                 | 4.7E+02                              |               |
|   |             |   |             | 4.0E-02                         | C           | 1.3E-02                                  | C           |                                       |              | Fluoride   | 16984-48-8                      |                                     |                                      |  | 1.5E+03                        |                                 | 1.5E+03                              |               |
|   |             |   |             | 6.0E-02                         | I           | 1.3E-02                                  | C           |                                       |              | Fluorine (Soluble Fluoride)                        | 7782-41-4                       |                                     |                                      |  | 2.2E+03                        |                                 | 2.2E+03                              | 4.0E+03       |
|   |             |   |             | 8.0E-02                         | I           |  |             |                                       |              | Fluridone  | 59756-60-4                      |                                     |                                      |  | 2.9E+03                        |                                 | 2.9E+03                              |               |
|   |             |   |             | 2.0E-02                         | I           |  |             |                                       |              | Flurprimidol                                       | 56425-91-3                      |                                     |                                      |  | 7.3E+02                        |                                 | 7.3E+02                              |               |
|   |             |   |             | 6.0E-02                         | I           |  |             |                                       |              | Flutolanil   | 66332-96-5                      |                                     |                                      |  | 2.2E+03                        |                                 | 2.2E+03                              |               |
| 3.5E-03   | I           |   |             | 1.0E-02                         | I           |  |             |                                       |              | Fluvalinate  | 69409-94-5                      |                                     |                                      |  | 3.7E+02                        |                                 | 3.7E+02                              |               |
|   |             |   |             | 1.0E-01                         | I           |  |             |                                       |              | Folpet   | 133-07-3                        | 1.9E+01                             |                                      | 1.9E+01                                | 3.7E+03                        |                                 | 3.7E+03                              |               |
| 1.9E-01   | I           |   |             |                                 |             |  |             |                                       |              | Fomesafen  | 72178-02-0                      | 3.5E-01                             |                                      | 3.5E-01                                |                                |                                 |                                      |               |
|   |             |   |             | 2.0E-03                         | I           |  |             |                                       |              | Fonofos  | 944-22-9                        |                                     |                                      |  | 7.3E+01                        |                                 | 7.3E+01                              |               |
|   |             | 1.3E-05                                   | I           | 2.0E-01                         | I           | 9.8E-03                                  | A           |                                       |              | Formaldehyde                                       | 50-00-0                         |                                     |                                      |  | 7.3E+03                        |                                 | 7.3E+03                              |               |
|   |             |   |             | 2.0E+00                         | H           | 3.0E-03                                  | P           |                                       |              | Formic Acid  | 64-18-6                         |                                     |                                      |  | 7.3E+04                        |                                 | 7.3E+04                              |               |
|   |             |   |             | 3.0E+00                         | I           |  |             |                                       |              | Fosetyl-AL   | 39148-24-8                      |                                     |                                      |  | 1.1E+05                        |                                 | 1.1E+05                              |               |
|   |             |   |             |                                 |             |  |             |                                       |              | <b>Furans</b>                                      |                                 |                                     |                                      |  |                                |                                 |                                      |               |
|   |             |   |             | 1.0E-03                         | X           |  |             | V                                     |              | ~Dibenzofuran                                      | 132-64-9                        |                                     |                                      |  | 3.7E+01                        |                                 | 3.7E+01                              |               |
| 3.8E+00   | H           |   |             | 1.0E-03                         | I           |  |             | V                                     |              | ~Furan   | 110-00-9                        |                                     |                                      |  | 3.7E+01                        |                                 | 3.7E+01                              |               |
|   |             |   |             |                                 |             |  |             |                                       |              | Furazolidone                                       | 67-45-8                         | 1.8E-02                             |                                      | 1.8E-02                                |                                |                                 |                                      |               |
|   |             |   |             | 3.0E-03                         | I           | 5.0E-02                                  | H           |                                       |              | Furfural   | 98-01-1                         |                                     |                                      |  | 1.1E+02                        |                                 | 1.1E+02                              |               |
| 1.5E+00   | C           | 4.3E-04                                   | C           |                                 |             |  |             |                                       |              | Furium   | 531-82-8                        | 4.5E-02                             |                                      | 4.5E-02                                |                                |                                 |                                      |               |
| 3.0E-02   | I           | 8.6E-06                                   | C           |                                 |             |  |             |                                       |              | Furmecyclox  | 60568-05-0                      | 2.2E+00                             |                                      | 2.2E+00                                |                                |                                 |                                      |               |
|   |             |   |             | 4.0E-04                         | I           |  |             |                                       |              | Glufosinate, Ammonium                              | 77182-82-2                      |                                     |                                      |  | 1.5E+01                        |                                 | 1.5E+01                              |               |
|   |             |   |             |                                 |             | 8.0E-05                                  | C           |                                       |              | Glutaraldehyde                                     | 111-30-8                        |                                     |                                      |  |                                |                                 |                                      |               |
|   |             |   |             | 4.0E-04                         | I           | 1.0E-03                                  | H           |                                       |              | Glycidyl   | 765-34-4                        |                                     |                                      |  | 1.5E+01                        |                                 | 1.5E+01                              |               |
|   |             |   |             | 1.0E-01                         | I           |  |             |                                       |              | Glyphosate   | 1071-83-6                       |                                     |                                      |  | 3.7E+03                        |                                 | 3.7E+03                              | 7.0E+02       |
|   |             |   |             | 3.0E-03                         | I           |  |             |                                       |              | Goal   | 42874-03-3                      |                                     |                                      |  | 1.1E+02                        |                                 | 1.1E+02                              |               |
|   |             |   |             | 3.0E-03                         | A           | 1.0E-02                                  | A           |                                       |              | Guthion  | 86-50-0                         |                                     |                                      |  | 1.1E+02                        |                                 | 1.1E+02                              |               |
|   |             |   |             | 5.0E-05                         | I           |  |             |                                       |              | Haloxyfop, Methyl                                  | 69806-40-2                      |                                     |                                      |  | 1.8E+00                        |                                 | 1.8E+00                              |               |
| 4.5E+00   | I           | 1.3E-03                                   | I           | 1.3E-02                         | I           |  |             |                                       |              | Harmony  | 79277-27-3                      |                                     |                                      |  | 4.7E+02                        |                                 | 4.7E+02                              |               |
|   |             |   |             | 5.0E-04                         | I           |  |             |                                       |              | Heptachlor   | 76-44-8                         | 1.5E-02                             |                                      | 1.5E-02                                | 1.8E+01                        |                                 | 1.8E+01                              | 4.0E-01       |
| 9.1E+00   | I           | 2.6E-03                                   | I           | 1.3E-05                         | I           |  |             |                                       |              | Heptachlor Epoxide                                 | 1024-57-3                       | 7.4E-03                             |                                      | 7.4E-03                                | 4.7E-01                        |                                 | 4.7E-01                              | 2.0E-01       |
|   |             |   |             | 2.0E-03                         | I           |  |             |                                       |              | Hexabromobenzene                                   | 87-82-1                         |                                     |                                      |  | 7.3E+01                        |                                 | 7.3E+01                              |               |
|   |             |   |             | 2.0E-04                         | I           |  |             |                                       |              | Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153) | 68631-49-2                      |                                     |                                      |  | 7.3E+00                        |                                 | 7.3E+00                              |               |
| 1.6E+00   | I           | 4.6E-04                                   | I           | 8.0E-04                         | I           |  |             |                                       |              | Hexachlorobenzene                                  | 118-74-1                        | 4.2E-02                             |                                      | 4.2E-02                                | 2.9E+01                        |                                 | 2.9E+01                              | 1.0E+00       |

Regional Screening Level (RSL) Tapwater Supporting Table November 2010

| Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1 |             |   |             |                                 |             |  |             |                                      |                                 |   |            |                                       |                                      |  |                                 |                                 |                                      |               |
|---|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------------------------------|---------------------------------|---|------------|---------------------------------------|--------------------------------------|--|---------------------------------|---------------------------------|--------------------------------------|---------------|
| Toxicity and Chemical-specific Information  |             |   |             |                                 |             |  |             |                                      |                                 | Contaminant                                   |            | Carcinogenic Target Risk (TR) = 1E-06 |                                      |  | Noncancer Hazard Index (HI) = 1 |                                 |                                      |               |
| SFO<br>(mg/kg-day) <sup>-1</sup>  | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>u<br>t<br>i<br>l<br>e | m<br>u<br>t<br>a<br>g<br>e<br>n | Analyte                                       | CAS No.    | Ingestion SL<br>TR=1.0E-6<br>(ug/L)   | Inhalation SL<br>TR=1.0E-6<br>(ug/L) | Carcinogenic SL<br>TR=1.0E-6<br>(ug/L) | Ingestion SL<br>HQ=1<br>(ug/L)  | Inhalation SL<br>HQ=1<br>(ug/L) | Noncarcinogenic SL<br>HI=1<br>(ug/L) | MCL<br>(ug/L) |
| 7.8E-02   | I           | 2.2E-05                                   | I           | 1.0E-03                         | P           |  |             |                                      |                                 | Hexachlorobutadiene                           | 87-68-3    | 8.6E-01                               |                                      | 8.6E-01                                | 3.7E+01                         |                                 | 3.7E+01                              |               |
| 6.3E+00   | I           | 1.8E-03                                   | I           | 8.0E-03                         | A           |  |             |                                      |                                 | Hexachlorocyclohexane, Alpha-                 | 319-84-6   | 1.1E-02                               |                                      | 1.1E-02                                | 2.9E+02                         |                                 | 2.9E+02                              |               |
| 1.8E+00   | I           | 5.3E-04                                   | I           |                                 |             |  |             |                                      |                                 | Hexachlorocyclohexane, Beta-                  | 319-85-7   | 3.7E-02                               |                                      | 3.7E-02                                |                                 |                                 |                                      |               |
| 1.1E+00   | C           | 3.1E-04                                   | C           | 3.0E-04                         | I           |  |             |                                      |                                 | Hexachlorocyclohexane, Gamma- (Lindane)       | 58-89-9    | 6.1E-02                               |                                      | 6.1E-02                                | 1.1E+01                         |                                 | 1.1E+01                              | 2.0E-01       |
| 1.8E+00   | I           | 5.1E-04                                   | I           |                                 |             |  |             |                                      |                                 | Hexachlorocyclohexane, Technical              | 608-73-1   | 3.7E-02                               |                                      | 3.7E-02                                |                                 |                                 |                                      |               |
| 1.4E-02   | I           | 4.0E-06                                   | I           | 6.0E-03                         | I           | 2.0E-04                                  | I           |                                      |                                 | Hexachlorocyclopentadiene                     | 77-47-4    |                                       |                                      |  | 2.2E+02                         |                                 | 2.2E+02                              | 5.0E+01       |
|   |             |   |             | 1.0E-03                         | I           |  |             |                                      |                                 | Hexachloroethane                              | 67-72-1    | 4.8E+00                               |                                      | 4.8E+00                                | 3.7E+01                         |                                 | 3.7E+01                              |               |
|   |             |   |             | 3.0E-04                         | I           |  |             |                                      |                                 | Hexachlorophene                               | 70-30-4    |                                       |                                      |  | 1.1E+01                         |                                 | 1.1E+01                              |               |
| 1.1E-01   | I           |   |             | 3.0E-03                         | I           |  |             |                                      |                                 | Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) | 121-82-4   | 6.1E-01                               |                                      | 6.1E-01                                | 1.1E+02                         |                                 | 1.1E+02                              |               |
|   |             |   |             |                                 |             | 1.0E-05                                  | I           | V                                    |                                 | Hexamethylene Diisocyanate, 1,6-              | 822-06-0   |                                       |                                      |  |                                 | 2.1E-02                         | 2.1E-02                              |               |
|   |             |   |             | 6.0E-02                         | H           | 7.0E-01                                  | I           | V                                    |                                 | Hexane, N-                                    | 110-54-3   |                                       |                                      |  | 2.2E+03                         | 1.5E+03                         | 8.8E+02                              |               |
|   |             |   |             | 2.0E+00                         | P           |  |             |                                      |                                 | Hexanedioic Acid                              | 124-04-9   |                                       |                                      |  | 7.3E+04                         |                                 | 7.3E+04                              |               |
|   |             |   |             | 5.0E-03                         | I           | 3.0E-02                                  | I           | V                                    |                                 | Hexanone, 2-                                  | 591-78-6   |                                       |                                      |  | 1.8E+02                         | 6.3E+01                         | 4.7E+01                              |               |
|   |             |   |             | 3.3E-02                         | I           |  |             |                                      |                                 | Hexazinone                                    | 51235-04-2 |                                       |                                      |  | 1.2E+03                         |                                 | 1.2E+03                              |               |
| 3.0E+00   | I           | 4.9E-03                                   | I           |                                 |             | 3.0E-05                                  | P           |                                      |                                 | Hydrazine                                     | 302-01-2   | 2.2E-02                               |                                      | 2.2E-02                                |                                 |                                 |                                      |               |
| 3.0E+00   | I           | 4.9E-03                                   | I           |                                 |             |  |             |                                      |                                 | Hydrazine Sulfate                             | 10034-93-2 | 2.2E-02                               |                                      | 2.2E-02                                |                                 |                                 |                                      |               |
|   |             |   |             |                                 |             | 2.0E-02                                  | I           |                                      |                                 | Hydrogen Chloride                             | 7647-01-0  |                                       |                                      |  |                                 |                                 |                                      |               |
|   |             |   |             | 4.0E-02                         | C           | 1.4E-02                                  | C           |                                      |                                 | Hydrogen Fluoride                             | 7664-39-3  |                                       |                                      |  | 1.5E+03                         |                                 | 1.5E+03                              |               |
|   |             |   |             |                                 |             | 2.0E-03                                  | I           |                                      |                                 | Hydrogen Sulfide                              | 7783-06-4  |                                       |                                      |  |                                 |                                 |                                      |               |
| 6.0E-02   | P           |   |             | 4.0E-02                         | P           |  |             |                                      |                                 | Hydroquinone                                  | 123-31-9   | 1.1E+00                               |                                      | 1.1E+00                                | 1.5E+03                         |                                 | 1.5E+03                              |               |
|   |             |   |             | 1.3E-02                         | I           |  |             |                                      |                                 | Imazalil                                      | 35554-44-0 |                                       |                                      |  | 4.7E+02                         |                                 | 4.7E+02                              |               |
|   |             |   |             | 2.5E-01                         | I           |  |             |                                      |                                 | Imazaquin                                     | 81335-37-7 |                                       |                                      |  | 9.1E+03                         |                                 | 9.1E+03                              |               |
|   |             |   |             | 1.0E-02                         | A           |  |             |                                      |                                 | Iodine  | 7553-56-2  |                                       |                                      |  | 3.7E+02                         |                                 | 3.7E+02                              |               |
|   |             |   |             | 4.0E-02                         | I           |  |             |                                      |                                 | Iprodione                                     | 36734-19-7 |                                       |                                      |  | 1.5E+03                         |                                 | 1.5E+03                              |               |
|   |             |   |             | 7.0E-01                         | P           |  |             |                                      |                                 | Iron  | 7439-89-6  |                                       |                                      |  | 2.6E+04                         |                                 | 2.6E+04                              |               |
|   |             |   |             | 3.0E-01                         | I           |  |             | V                                    |                                 | Isobutyl Alcohol                              | 78-83-1    |                                       |                                      |  | 1.1E+04                         |                                 | 1.1E+04                              |               |
| 9.5E-04   | I           |   |             | 2.0E-01                         | I           | 2.0E+00                                  | C           |                                      |                                 | Isophorone                                    | 78-59-1    | 7.1E+01                               |                                      | 7.1E+01                                | 7.3E+03                         |                                 | 7.3E+03                              |               |
|   |             |   |             | 1.5E-02                         | I           |  |             |                                      |                                 | Isopropalin                                   | 33820-53-0 |                                       |                                      |  | 5.5E+02                         |                                 | 5.5E+02                              |               |
|   |             |   |             |                                 |             | 7.0E+00                                  | C           |                                      |                                 | Isopropanol                                   | 67-63-0    |                                       |                                      |  |                                 |                                 |                                      |               |
|   |             |   |             | 1.0E-01                         | I           |  |             |                                      |                                 | Isopropyl Methyl Phosphonic Acid              | 1832-54-8  |                                       |                                      |  | 3.7E+03                         |                                 | 3.7E+03                              |               |
|   |             |   |             | 5.0E-02                         | I           |  |             |                                      |                                 | Isoxaben                                      | 82558-50-7 |                                       |                                      |  | 1.8E+03                         |                                 | 1.8E+03                              |               |
|   |             |   |             |                                 |             | 3.0E-01                                  | A           | V                                    |                                 | JP-7  | NA         |                                       |                                      |  |                                 | 6.3E+02                         | 6.3E+02                              |               |
|   |             |   |             | 7.5E-02                         | I           |  |             |                                      |                                 | Kerb  | 23950-58-5 |                                       |                                      |  | 2.7E+03                         |                                 | 2.7E+03                              |               |
|   |             |   |             | 2.0E-03                         | I           |  |             |                                      |                                 | Lactofen                                      | 77501-63-4 |                                       |                                      |  | 7.3E+01                         |                                 | 7.3E+01                              |               |
|   |             |   |             |                                 |             |  |             |                                      |                                 | <b>Lead Compounds</b>                         |            |                                       |                                      |  |                                 |                                 |                                      |               |
| 2.8E-01   | C           | 8.0E-05                                   | C           |                                 |             |  |             |                                      |                                 | ~Lead acetate                                 | 301-04-2   | 2.4E-01                               |                                      | 2.4E-01                                |                                 |                                 |                                      |               |
|   |             |   |             |                                 |             |  |             |                                      |                                 | ~Lead and Compounds                           | 7439-92-1  |                                       |                                      |  |                                 |                                 |                                      | 1.5E+01       |
| 3.8E-02   | C           | 1.1E-05                                   | C           |                                 |             |  |             |                                      |                                 | ~Lead subacetate                              | 1335-32-6  | 1.8E+00                               |                                      | 1.8E+00                                |                                 |                                 |                                      |               |
|   |             |   |             | 1.0E-07                         | I           |  |             |                                      |                                 | ~Tetraethyl Lead                              | 78-00-2    |                                       |                                      |  | 3.7E-03                         |                                 | 3.7E-03                              |               |
|   |             |   |             | 2.0E-03                         | I           |  |             |                                      |                                 | Linuron                                       | 330-55-2   |                                       |                                      |  | 7.3E+01                         |                                 | 7.3E+01                              |               |
|   |             |   |             | 2.0E-03                         | P           |  |             |                                      |                                 | Lithium                                       | 7439-93-2  |                                       |                                      |  | 7.3E+01                         |                                 | 7.3E+01                              |               |
|   |             |   |             | 7.0E-04                         | I           |  |             |                                      |                                 | Lithium Perchlorate                           | 7791-03-9  |                                       |                                      |  | 2.6E+01                         |                                 | 2.6E+01                              |               |
|   |             |   |             | 2.0E-01                         | I           |  |             |                                      |                                 | Londax  | 83055-99-6 |                                       |                                      |  | 7.3E+03                         |                                 | 7.3E+03                              |               |
|   |             |   |             | 5.0E-04                         | I           |  |             |                                      |                                 | MCPA  | 94-74-6    |                                       |                                      |  | 1.8E+01                         |                                 | 1.8E+01                              |               |
|   |             |   |             | 1.0E-02                         | I           |  |             |                                      |                                 | MCPB  | 94-81-5    |                                       |                                      |  | 3.7E+02                         |                                 | 3.7E+02                              |               |
|   |             |   |             | 1.0E-03                         | I           |  |             |                                      |                                 | MCPP  | 93-65-2    |                                       |                                      |  | 3.7E+01                         |                                 | 3.7E+01                              |               |
|   |             |   |             | 2.0E-02                         | I           |  |             |                                      |                                 | Malathion                                     | 121-75-5   |                                       |                                      |  | 7.3E+02                         |                                 | 7.3E+02                              |               |
|   |             |   |             | 1.0E-01                         | I           | 7.0E-04                                  | C           |                                      |                                 | Maleic Anhydride                              | 108-31-6   |                                       |                                      |  | 3.7E+03                         |                                 | 3.7E+03                              |               |
|   |             |   |             | 5.0E-01                         | I           |  |             |                                      |                                 | Maleic Hydrazide                              | 123-33-1   |                                       |                                      |  | 1.8E+04                         |                                 | 1.8E+04                              |               |

Regional Screening Level (RSL) Tapwater Supporting Table November 2010

| Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); sSL values are based on DAF=1 |             |   |             |                                 |             |  |             |                                      |              |   |            |                                       |                                      |  |                                 |                                 |                                      |               |
|---|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------------------------------|--------------|---|------------|---------------------------------------|--------------------------------------|--|---------------------------------|---------------------------------|--------------------------------------|---------------|
| Toxicity and Chemical-specific Information  |             |   |             |                                 |             |  |             |                                      |              | Contaminant                                   |            | Carcinogenic Target Risk (TR) = 1E-06 |                                      |  | Noncancer Hazard Index (HI) = 1 |                                 |                                      |               |
| SFO<br>(mg/kg-day) <sup>-1</sup>  | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>u<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte                                       | CAS No.    | Ingestion SL<br>TR=1.0E-6<br>(ug/L)   | Inhalation SL<br>TR=1.0E-6<br>(ug/L) | Carcinogenic SL<br>TR=1.0E-6<br>(ug/L) | Ingestion SL<br>HQ=1<br>(ug/L)  | Inhalation SL<br>HQ=1<br>(ug/L) | Noncarcinogenic SL<br>HI=1<br>(ug/L) | MCL<br>(ug/L) |
|   |             |   |             | 1.0E-04                         |             |  |             |                                      |              | Malononitrile                                 | 109-77-3   |                                       |                                      |  | 3.7E+00                         |                                 | 3.7E+00                              |               |
|   |             |   |             | 3.0E-02                         |             |  |             |                                      |              | Mancozeb                                      | 8018-01-7  |                                       |                                      |  | 1.1E+03                         |                                 | 1.1E+03                              |               |
|   |             |   |             | 5.0E-03                         |             |  |             |                                      |              | Maneb   | 12427-38-2 |                                       |                                      |  | 1.8E+02                         |                                 | 1.8E+02                              |               |
|   |             |   |             | 1.4E-01                         |             | 5.0E-05                                  |             |                                      |              | Manganese (Diet)                              | 7439-96-5  |                                       |                                      |  |                                 |                                 |                                      |               |
|   |             |   |             | 2.4E-02                         |             | 5.0E-05                                  |             |                                      |              | Manganese (Non-diet)                          | 7439-96-5  |                                       |                                      |  | 8.8E+02                         |                                 | 8.8E+02                              |               |
|   |             |   |             | 9.0E-05                         |             |  |             |                                      |              | Mepfosfolan                                   | 950-10-7   |                                       |                                      |  | 3.3E+00                         |                                 | 3.3E+00                              |               |
|   |             |   |             | 3.0E-02                         |             |  |             |                                      |              | Mepiquat Chloride                             | 24307-26-4 |                                       |                                      |  | 1.1E+03                         |                                 | 1.1E+03                              |               |
|   |             |   |             | 3.0E-04                         |             | 3.0E-05                                  |             |                                      |              | <b>Mercury Compounds</b>                      |            |                                       |                                      |  |                                 |                                 |                                      |               |
|   |             |   |             | 1.6E-04                         |             | 3.0E-04                                  |             |                                      |              | ~Mercuric Chloride (and other Mercury salts)  | 7487-94-7  |                                       |                                      |  | 1.1E+01                         |                                 | 1.1E+01                              | 2.0E+00       |
|   |             |   |             |                                 |             |  |             |                                      |              | ~Mercury (elemental)                          | 7439-97-6  |                                       |                                      |  | 5.8E+00                         | 6.3E-01                         | 5.7E-01                              | 2.0E+00       |
|   |             |   |             | 1.0E-04                         |             |  |             |                                      |              | ~Methyl Mercury                               | 22967-92-6 |                                       |                                      |  | 3.7E+00                         |                                 | 3.7E+00                              |               |
|   |             |   |             | 8.0E-05                         |             |  |             |                                      |              | ~Phenylmercuric Acetate                       | 62-38-4    |                                       |                                      |  | 2.9E+00                         |                                 | 2.9E+00                              |               |
|   |             |   |             | 3.0E-05                         |             |  |             |                                      |              | Merphos                                       | 150-50-5   |                                       |                                      |  | 1.1E+00                         |                                 | 1.1E+00                              |               |
|   |             |   |             | 3.0E-05                         |             |  |             |                                      |              | Merphos Oxide                                 | 78-48-8    |                                       |                                      |  | 1.1E+00                         |                                 | 1.1E+00                              |               |
|   |             |   |             | 6.0E-02                         |             |  |             |                                      |              | Metalaxyl                                     | 57837-19-1 |                                       |                                      |  | 2.2E+03                         |                                 | 2.2E+03                              |               |
|   |             |   |             | 1.0E-04                         |             | 7.0E-04                                  |             |                                      |              | Methacrylonitrile                             | 126-98-7   |                                       |                                      |  | 3.7E+00                         | 1.5E+00                         | 1.0E+00                              |               |
|   |             |   |             | 5.0E-05                         |             |  |             |                                      |              | Methamidophos                                 | 10265-92-6 |                                       |                                      |  | 1.8E+00                         |                                 | 1.8E+00                              |               |
|   |             |   |             | 5.0E-01                         |             | 4.0E+00                                  |             |                                      |              | Methanol                                      | 67-56-1    |                                       |                                      |  | 1.8E+04                         |                                 | 1.8E+04                              |               |
|   |             |   |             | 1.0E-03                         |             |  |             |                                      |              | Methidathion                                  | 950-37-8   |                                       |                                      |  | 3.7E+01                         |                                 | 3.7E+01                              |               |
| 4.9E-02   |             | C   | 1.4E-05     |                                 |             |  |             |                                      |              | Methomyl                                      | 16752-77-5 |                                       |                                      |  | 9.1E+02                         |                                 | 9.1E+02                              |               |
|   |             |   |             | 5.0E-03                         |             |  |             |                                      |              | Methoxy-5-nitroaniline, 2-                    | 99-59-2    | 1.4E+00                               |                                      | 1.4E+00                                |                                 |                                 |                                      |               |
|   |             |   |             |                                 |             |  |             |                                      |              | Methoxychlor                                  | 72-43-5    |                                       |                                      |  | 1.8E+02                         |                                 | 1.8E+02                              | 4.0E+01       |
|   |             |   |             | 2.0E-03                         |             | 9.0E-02                                  |             |                                      |              | Methoxyethanol Acetate, 2-                    | 110-49-6   |                                       |                                      |  | 7.3E+01                         |                                 | 7.3E+01                              |               |
|   |             |   |             | 3.0E-03                         |             | 2.0E-02                                  |             |                                      |              | Methoxyethanol, 2-                            | 109-86-4   |                                       |                                      |  | 1.1E+02                         |                                 | 1.1E+02                              |               |
|   |             |   |             | 1.0E+00                         |             |  |             |                                      |              | Methyl Acetate                                | 79-20-9    |                                       |                                      |  | 3.7E+04                         |                                 | 3.7E+04                              |               |
|   |             |   |             | 3.0E-02                         |             |  |             |                                      |              | Methyl Acrylate                               | 96-33-3    |                                       |                                      |  | 1.1E+03                         |                                 | 1.1E+03                              |               |
|   |             |   |             | 6.0E-01                         |             | 5.0E+00                                  |             |                                      |              | Methyl Ethyl Ketone (2-Butanone)              | 78-93-3    |                                       |                                      |  | 2.2E+04                         | 1.0E+04                         | 7.1E+03                              |               |
|   |             |   |             | 8.0E-02                         |             | 3.0E+00                                  |             |                                      |              | Methyl Isobutyl Ketone (4-methyl-2-pentanone) | 108-10-1   |                                       |                                      |  | 2.9E+03                         | 6.3E+03                         | 2.0E+03                              |               |
|   |             |   |             |                                 |             | 1.0E-03                                  |             |                                      |              | Methyl Isocyanate                             | 624-83-9   |                                       |                                      |  |                                 |                                 |                                      |               |
|   |             |   |             | 1.4E+00                         |             | 7.0E-01                                  |             |                                      |              | Methyl Methacrylate                           | 80-62-6    |                                       |                                      |  | 5.1E+04                         | 1.5E+03                         | 1.4E+03                              |               |
|   |             |   |             | 2.5E-04                         |             |  |             |                                      |              | Methyl Parathion                              | 298-00-0   |                                       |                                      |  | 9.1E+00                         |                                 | 9.1E+00                              |               |
|   |             |   |             | 6.0E-02                         |             |  |             |                                      |              | Methyl Phosphonic Acid                        | 993-13-5   |                                       |                                      |  | 2.2E+03                         |                                 | 2.2E+03                              |               |
|   |             |   |             | 6.0E-03                         |             | 4.0E-02                                  |             |                                      |              | Methyl Styrene (Mixed Isomers)                | 25013-15-4 |                                       |                                      |  | 2.2E+02                         | 8.3E+01                         | 6.0E+01                              |               |
| 9.9E-02   |             | C   | 2.8E-05     |                                 |             |  |             |                                      |              | Methyl methanesulfonate                       | 66-27-3    | 6.8E-01                               |                                      | 6.8E-01                                |                                 |                                 |                                      |               |
| 1.8E-03   |             | C   | 2.6E-07     |                                 |             | 3.0E+00                                  |             |                                      |              | Methyl tert-Butyl Ether (MTBE)                | 1634-04-4  | 3.7E+01                               | 1.9E+01                              | 1.2E+01                                |                                 | 6.3E+03                         | 6.3E+03                              |               |
| 3.3E-02   |             | H   |             |                                 |             |  |             |                                      |              | Methyl-5-Nitroaniline, 2-                     | 99-55-8    | 2.0E+00                               |                                      | 2.0E+00                                |                                 |                                 |                                      |               |
| 8.3E+00   |             | C   | 2.4E-03     |                                 |             |  |             |                                      |              | Methyl-N-nitro-N-nitrosoguanidine, N-         | 70-25-7    | 8.1E-03                               |                                      | 8.1E-03                                |                                 |                                 |                                      |               |
| 1.3E-01   |             | C   | 3.7E-05     |                                 |             |  |             |                                      |              | Methylaniline Hydrochloride, 2-               | 636-21-5   | 5.2E-01                               |                                      | 5.2E-01                                |                                 |                                 |                                      |               |
| 2.2E+01   |             | C   | 6.3E-03     |                                 |             | 1.0E-02                                  |             |                                      | A            | Methylarsonic acid                            | 124-58-3   |                                       |                                      |  | 3.7E+02                         |                                 | 3.7E+02                              |               |
|   |             |   |             |                                 |             |  |             |                                      |              | Methylcholanthrene, 3-                        | 56-49-5    | 3.1E-03                               |                                      | 3.1E-03                                |                                 |                                 |                                      |               |
| 7.5E-03   |             | I   | 4.7E-07     |                                 |             | 6.0E-02                                  |             |                                      |              | Methylene Chloride                            | 75-09-2    | 9.0E+00                               | 1.0E+01                              | 4.8E+00                                | 2.2E+03                         | 2.2E+03                         | 1.1E+03                              | 5.0E+00       |
| 1.0E-01   |             | P   | 4.3E-04     |                                 |             | 2.0E-03                                  |             |                                      |              | Methylene-bis(2-chloroaniline), 4,4'-         | 101-14-4   | 2.2E-01                               |                                      | 2.2E-01                                | 7.3E+01                         |                                 | 7.3E+01                              |               |
| 4.6E-02   |             | I   | 1.3E-05     |                                 |             |  |             |                                      |              | Methylene-bis(N,N-dimethyl) Aniline, 4,4'-    | 101-61-1   | 1.5E+00                               |                                      | 1.5E+00                                |                                 |                                 |                                      |               |
| 1.6E+00   |             | C   | 4.6E-04     |                                 |             | 2.0E-02                                  |             |                                      |              | Methylenbisbenzenamine, 4,4'-                 | 101-77-9   | 4.2E-02                               |                                      | 4.2E-02                                |                                 |                                 |                                      |               |
|   |             |   |             |                                 |             | 6.0E-04                                  |             |                                      |              | Methylenediphenyl Diisocyanate                | 101-68-8   |                                       |                                      |  |                                 |                                 |                                      |               |
|   |             |   |             |                                 |             | 7.0E-02                                  |             |                                      |              | Methylstyrene, Alpha-                         | 98-83-9    |                                       |                                      |  | 2.6E+03                         |                                 | 2.6E+03                              |               |
|   |             |   |             | 1.5E-01                         |             |  |             |                                      |              | Metolachlor                                   | 51218-45-2 |                                       |                                      |  | 5.5E+03                         |                                 | 5.5E+03                              |               |
|   |             |   |             | 2.5E-02                         |             |  |             |                                      |              | Metribuzin                                    | 21087-64-9 |                                       |                                      |  | 9.1E+02                         |                                 | 9.1E+02                              |               |
|   |             |   |             | 4.5E-06                         |             | 1.0E-02                                  |             |                                      |              | Midrange Aliphatic Hydrocarbon Streams        | NA         |                                       | 1.1E+00                              | 1.1E+00                                | 3.7E+02                         | 2.1E+02                         | 1.3E+02                              |               |

Regional Screening Level (RSL) Tapwater Supporting Table November 2010

| Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1 |             |   |             |                                 |             |  |             |                                      |                                       |  |  |                                     |                                      |  |                                |                                 |                                      |                    |
|---|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------------------------------|---------------------------------------|--|--|-------------------------------------|--------------------------------------|--|--------------------------------|---------------------------------|--------------------------------------|--------------------|
| Toxicity and Chemical-specific Information  |             |   |             |                                 |             |  | Contaminant |                                      | Carcinogenic Target Risk (TR) = 1E-06 |  |  | Noncancer Hazard Index (HI) = 1     |                                      |  |                                |                                 |                                      |                    |
| SFO<br>(mg/kg-day) <sup>-1</sup>  | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | muta-<br>g<br>e<br>n                  | Analyte  | CAS No.                                | Ingestion SL<br>TR=1.0E-6<br>(ug/L) | Inhalation SL<br>TR=1.0E-6<br>(ug/L) | Carcinogenic SL<br>TR=1.0E-6<br>(ug/L) | Ingestion SL<br>HQ=1<br>(ug/L) | Inhalation SL<br>HQ=1<br>(ug/L) | Noncarcinogenic SL<br>HI=1<br>(ug/L) | MCL<br>(ug/L)      |
| 1.8E+01   | C           | 5.1E-03                                   | C           | 3.0E+00<br>2.0E-04<br>2.0E-03   | P<br>I<br>I |  |             |                                      |                                       | Mineral oils<br>Mirex<br>Molinate  | 8012-95-1<br>2385-85-5<br>2212-67-1    | 3.7E-03                             |                                      | 3.7E-03                                | 1.1E+05<br>7.3E+00<br>7.3E+01  |                                 | 1.1E+05<br>7.3E+00<br>7.3E+01        |                    |
|   |             |   |             | 5.0E-03<br>1.0E-01<br>2.0E-03   | I<br>I<br>P |  |             |                                      |                                       | Molybdenum<br>Monochloramine<br>Monomethylaniline  | 7439-98-7<br>10599-90-3<br>100-61-8    |                                     |                                      |  | 1.8E+02<br>3.7E+03<br>7.3E+01  |                                 | 1.8E+02<br>3.7E+03<br>7.3E+01        |                    |
|   |             |   |             | 3.0E-04<br>2.0E-03<br>3.0E-02   | X<br>I<br>X |  |             |                                      |                                       | N,N'-Diphenyl-1,4-benzenediamine<br>Naled<br>Naphtha, High Flash Aromatic (HFAN)         | 74-31-7<br>300-76-5<br>64724-95-6      |                                     |                                      |  | 1.1E+01<br>7.3E+01<br>1.1E+03  | 2.1E+02                         | 1.1E+01<br>7.3E+01<br>1.8E+02        |                    |
| 1.8E+00   | C           | 0.0E+00                                   | C           | 1.0E-01<br>5.0E-02              | I<br>C      | 5.0E-05                                  |             |                                      |                                       | Naphthylamine, 2-<br>Napropamide<br>Nickel Carbonyl                                      | 91-59-8<br>15299-99-7<br>13463-39-3    | 3.7E-02                             |                                      | 3.7E-02                                | 3.7E+03<br>1.8E+03             |                                 | 3.7E+03<br>1.8E+03                   |                    |
|   |             |   |             | 5.0E-02<br>2.4E-04<br>2.6E-04   | C<br>I<br>C | 1.0E-04<br>5.0E-02<br>2.0E-02            | C           |                                      |                                       | Nickel Oxide<br>Nickel Refinery Dust<br>Nickel Soluble Salts                             | 1313-99-1<br>NA<br>7440-02-0           |                                     |                                      |  | 1.8E+03<br>1.8E+03<br>7.3E+02  |                                 | 1.8E+03<br>1.8E+03<br>7.3E+02        |                    |
| 1.7E+00   | C           | 4.8E-04                                   | I           | 5.0E-02<br>1.6E+00<br>1.0E-01   | C<br>I<br>I | 5.0E-02                                  | C           |                                      |                                       | Nickel Subsulfide<br>Nitrate<br>Nitrite  | 12035-72-2<br>14797-55-8<br>14797-65-0 | 4.0E-02                             |                                      | 4.0E-02                                | 1.8E+03<br>5.8E+04<br>3.7E+03  |                                 | 1.8E+03<br>5.8E+04<br>3.7E+03        | 1.0E+04<br>1.0E+03 |
| 2.0E-02   | P           | 4.0E-05                                   | I           | 1.0E-02<br>4.0E-03<br>2.0E-03   | X<br>P<br>I | 5.0E-05<br>6.0E-03<br>9.0E-03            | X           |                                      |                                       | Nitroaniline, 2-<br>Nitroaniline, 4-<br>Nitrobenzene                                     | 88-74-4<br>100-01-6<br>98-95-3         | 3.4E+00                             | 1.2E-01                              | 3.4E+00<br>1.2E-01                     | 3.7E+02<br>1.5E+02<br>7.3E+01  | 1.9E+01                         | 3.7E+02<br>1.5E+02<br>1.5E+01        |                    |
| 1.3E+00   | C           | 3.7E-04                                   | C           | 3.0E+03<br>7.0E-02              | P<br>H      |  |             |                                      |                                       | Nitrocellulose<br>Nitrofurantoin<br>Nitrofurazone  | 9004-70-0<br>67-20-9<br>59-87-0        | 5.2E-02                             |                                      | 5.2E-02                                | 1.1E+08<br>2.6E+03             |                                 | 1.1E+08<br>2.6E+03                   |                    |
| 1.7E-02   | P           | 9.0E-06                                   | P           | 1.0E-04<br>1.0E-01              | P<br>I      |  |             |                                      |                                       | Nitroglycerin<br>Nitroguanidine<br>Nitromethane  | 55-63-0<br>556-88-7<br>75-52-5         | 4.0E+00                             |                                      | 4.0E+00                                | 3.7E+00<br>3.7E+03             |                                 | 3.7E+00<br>3.7E+03                   |                    |
| 2.7E+01   | C           | 7.7E-03                                   | C           | 2.7E-03<br>7.7E-03              | H<br>C      | 2.0E-02                                  |             |                                      |                                       | Nitropropane, 2-<br>Nitroso-N-ethylurea, N-<br>Nitroso-N-methylurea, N-                  | 79-46-9<br>759-73-9<br>684-93-5        | 2.5E-03<br>5.6E-04                  | 1.8E-03                              | 1.8E-03                                | 2.5E-03<br>5.6E-04             | 4.2E+01                         | 4.2E+01                              | 4.2E+01            |
| 5.4E+00   | I           | 1.6E-03                                   | I           |                                 |             |  |             |                                      | V                                     | Nitroso-di-N-butylamine, N-<br>Nitroso-di-N-propylamine, N-<br>Nitrosodiethanolamine, N- | 924-16-3<br>621-64-7<br>1116-54-7      | 1.2E-02<br>9.6E-03<br>2.4E-02       | 3.0E-03                              | 2.4E-03                                | 9.6E-03                        |                                 |                                      |                    |
| 1.5E+02   | I           | 4.3E-02                                   | I           |                                 |             |  |             |                                      |                                       | Nitrosodiethylamine, N-<br>Nitrosodimethylamine, N-<br>Nitrosodiphenylamine, N-          | 55-18-5<br>62-75-9<br>86-30-6          | 1.4E-04<br>4.2E-04<br>1.4E+01       |                                      | 1.4E-04                                | 2.9E-01                        |                                 | 2.9E-01                              |                    |
| 2.2E+01   | I           | 6.3E-03                                   | C           |                                 |             |  |             |                                      |                                       | Nitrosomethylethylamine, N-<br>Nitrosomorpholine [N-]<br>Nitrosopiperidine [N-]          | 10595-95-6<br>59-89-2<br>100-75-4      | 3.1E-03<br>1.0E-02<br>7.2E-03       |                                      | 3.1E-03                                | 1.0E-02                        |                                 |                                      |                    |
| 2.1E+00   | I           | 6.1E-04                                   | I           |                                 |             |  |             |                                      |                                       | Nitrosopyrrolidine, N-<br>Nitrotoluene, m-<br>Nitrotoluene, o-                           | 930-55-2<br>99-08-1<br>88-72-2         | 3.2E-02<br>3.1E-01                  |                                      | 3.2E-02                                | 3.7E+00<br>3.3E+01             |                                 | 3.7E+00<br>3.3E+01                   |                    |
| 1.6E-02   | P           |   | P           | 4.0E-03<br>3.0E-04<br>4.0E-02   | P<br>X<br>I | 2.0E-01                                  |             |                                      |                                       | Nitrotoluene, p-<br>Nonane, n-<br>Norflurazon  | 99-99-0<br>111-84-2<br>27314-13-2      | 4.2E+00                             |                                      | 4.2E+00                                | 1.5E+02<br>1.1E+01<br>1.5E+03  | 4.2E+02                         | 1.5E+02<br>1.1E+01<br>1.5E+03        |                    |
|   |             |   |             | 7.0E-04<br>3.0E-03<br>5.0E-02   | I<br>I<br>I |  |             |                                      |                                       | Nustar<br>Octabromodiphenyl Ether<br>Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)    | 85509-19-9<br>32536-52-0<br>2691-41-0  |                                     |                                      |  | 2.6E+01<br>1.1E+02<br>1.8E+03  |                                 | 2.6E+01<br>1.1E+02<br>1.8E+03        |                    |
|   |             |   |             | 2.0E-03                         | H           |  |             |                                      |                                       | Octamethylpyrophosphoramidate  | 152-16-9                               |                                     |                                      |  | 7.3E+01                        |                                 | 7.3E+01                              |                    |

Regional Screening Level (RSL) Tapwater Supporting Table November 2010

| Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1 |             |   |             |                                 |             |  |             |                                      |              |   |            |                                       |                                      |  |                                 |                                 |                                      |               |
|---|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------------------------------|--------------|---|------------|---------------------------------------|--------------------------------------|--|---------------------------------|---------------------------------|--------------------------------------|---------------|
| Toxicity and Chemical-specific Information  |             |   |             |                                 |             |  |             |                                      |              | Contaminant                                       |            | Carcinogenic Target Risk (TR) = 1E-06 |                                      |  | Noncancer Hazard Index (HI) = 1 |                                 |                                      |               |
| SFO<br>(mg/kg-day) <sup>-1</sup>  | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte   | CAS No.    | Ingestion SL<br>TR=1.0E-6<br>(ug/L)   | Inhalation SL<br>TR=1.0E-6<br>(ug/L) | Carcinogenic SL<br>TR=1.0E-6<br>(ug/L) | Ingestion SL<br>HQ=1<br>(ug/L)  | Inhalation SL<br>HQ=1<br>(ug/L) | Noncarcinogenic SL<br>HI=1<br>(ug/L) | MCL<br>(ug/L) |
|   |             |   |             | 5.0E-02                         | I           |  |             |                                      |              | Oryzalin  | 19044-88-3 |                                       |                                      |  | 1.8E+03                         |                                 | 1.8E+03                              |               |
|   |             |   |             | 5.0E-03                         | I           |  |             |                                      |              | Oxadiazon   | 19666-30-9 |                                       |                                      |  | 1.8E+02                         |                                 | 1.8E+02                              |               |
|   |             |   |             | 2.5E-02                         | I           |  |             |                                      |              | Oxamyl  | 23135-22-0 |                                       |                                      |  | 9.1E+02                         |                                 | 9.1E+02                              | 2.0E+02       |
|   |             |   |             | 1.3E-02                         | I           |  |             |                                      |              | Paclotrazol                                       | 76738-62-0 |                                       |                                      |  | 4.7E+02                         |                                 | 4.7E+02                              |               |
|   |             |   |             | 4.5E-03                         | I           |  |             |                                      |              | Paraquat Dichloride                               | 1910-42-5  |                                       |                                      |  | 1.6E+02                         |                                 | 1.6E+02                              |               |
|   |             |   |             | 6.0E-03                         | H           |  |             |                                      |              | Parathion   | 56-38-2    |                                       |                                      |  | 2.2E+02                         |                                 | 2.2E+02                              |               |
|   |             |   |             | 5.0E-02                         | H           |  |             |                                      |              | Pebulate  | 1114-71-2  |                                       |                                      |  | 1.8E+03                         |                                 | 1.8E+03                              |               |
|   |             |   |             | 4.0E-02                         | I           |  |             |                                      |              | Pendimethalin                                     | 40487-42-1 |                                       |                                      |  | 1.5E+03                         |                                 | 1.5E+03                              |               |
|   |             |   |             | 2.0E-03                         | I           |  |             |                                      |              | Pentabromodiphenyl Ether                          | 32534-81-9 |                                       |                                      |  | 7.3E+01                         |                                 | 7.3E+01                              |               |
|   |             |   |             | 1.0E-04                         | I           |  |             |                                      |              | Pentabromodiphenyl ether, 2,2',4,4',5'- (BDE-99)  | 60348-60-9 |                                       |                                      |  | 3.7E+00                         |                                 | 3.7E+00                              |               |
|   |             |   |             | 8.0E-04                         | I           |  |             |                                      |              | Pentachlorobenzene                                | 608-93-5   |                                       |                                      |  | 2.9E+01                         |                                 | 2.9E+01                              |               |
| 9.0E-02   | P           |   |             |                                 |             |  |             |                                      |              | Pentachloroethane                                 | 76-01-7    | 7.5E-01                               |                                      | 7.5E-01                                |                                 |                                 |                                      |               |
| 2.6E-01   | H           |   |             | 3.0E-03                         | I           |  |             |                                      |              | Pentachloronitrobenzene                           | 82-68-8    | 2.6E-01                               |                                      | 2.6E-01                                | 1.1E+02                         |                                 | 1.1E+02                              |               |
| 4.0E-01   | I           | 5.1E-06                                   | C           | 5.0E-03                         | I           |  |             |                                      |              | Pentachlorophenol                                 | 87-86-5    | 1.7E-01                               |                                      | 1.7E-01                                | 1.8E+02                         |                                 | 1.8E+02                              | 1.0E+00       |
|   |             |   |             |                                 |             | 1.0E+00                                  | P           | V                                    |              | Pentane, n-                                       | 109-66-0   |                                       |                                      |  |                                 | 2.1E+03                         | 2.1E+03                              |               |
|   |             |   |             | 7.0E-04                         | I           |  |             |                                      |              | Perchlorate and Perchlorate Salts                 | 14797-73-0 |                                       |                                      |  | 2.6E+01                         |                                 | 2.6E+01                              | 1.5E+01(F)    |
|   |             |   |             | 5.0E-02                         | I           |  |             |                                      |              | Permethrin  | 52645-53-1 |                                       |                                      |  | 1.8E+03                         |                                 | 1.8E+03                              |               |
| 2.2E-03   | C           | 6.3E-07                                   | C           |                                 |             |  |             |                                      |              | Phenacetin  | 62-44-2    | 3.1E+01                               |                                      | 3.1E+01                                |                                 |                                 |                                      |               |
|   |             |   |             | 2.5E-01                         | I           |  |             |                                      |              | Phenmedipham                                      | 13684-63-4 |                                       |                                      |  | 9.1E+03                         |                                 | 9.1E+03                              |               |
|   |             |   |             | 3.0E-01                         | I           | 2.0E-01                                  | C           |                                      |              | Phenol  | 108-95-2   |                                       |                                      |  | 1.1E+04                         |                                 | 1.1E+04                              |               |
|   |             |   |             | 6.0E-03                         | I           |  |             |                                      |              | Phenylenediamine, m-                              | 108-45-2   |                                       |                                      |  | 2.2E+02                         |                                 | 2.2E+02                              |               |
| 4.7E-02   | H           |   |             | 1.9E-01                         | H           |  |             |                                      |              | Phenylenediamine, o-                              | 95-54-5    | 1.4E+00                               |                                      | 1.4E+00                                | 6.9E+03                         |                                 | 6.9E+03                              |               |
|   |             |   |             |                                 |             |  |             |                                      |              | Phenylenediamine, p-                              | 106-50-3   |                                       |                                      |  |                                 |                                 |                                      |               |
| 1.9E-03   | H           |   |             | 2.0E-04                         | H           |  |             |                                      |              | Phenylphenol, 2-                                  | 90-43-7    | 3.5E+01                               |                                      | 3.5E+01                                |                                 |                                 |                                      |               |
|   |             |   |             |                                 |             | 3.0E-04                                  | I           | V                                    |              | Phorate   | 298-02-2   |                                       |                                      |  | 7.3E+00                         |                                 | 7.3E+00                              |               |
|   |             |   |             |                                 |             |  |             |                                      |              | Phosgene  | 75-44-5    |                                       |                                      |  |                                 |                                 |                                      |               |
|   |             |   |             | 2.0E-02                         | I           |  |             |                                      |              | Phosmet   | 732-11-6   |                                       |                                      |  | 7.3E+02                         |                                 | 7.3E+02                              |               |
|   |             |   |             | 3.0E-04                         | I           | 3.0E-04                                  | I           |                                      |              | Phosphine   | 7803-51-2  |                                       |                                      |  | 1.1E+01                         |                                 | 1.1E+01                              |               |
|   |             |   |             |                                 |             | 1.0E-02                                  | I           |                                      |              | Phosphoric Acid                                   | 7664-38-2  |                                       |                                      |  |                                 |                                 |                                      |               |
|   |             |   |             | 2.0E-05                         | I           |  |             |                                      |              | Phosphorus, White                                 | 7723-14-0  |                                       |                                      |  | 7.3E-01                         |                                 | 7.3E-01                              |               |
|   |             |   |             | 1.0E+00                         | H           |  |             |                                      |              | Phthalic Acid, P-                                 | 100-21-0   |                                       |                                      |  | 3.7E+04                         |                                 | 3.7E+04                              |               |
|   |             |   |             | 2.0E+00                         | I           | 2.0E-02                                  | C           |                                      |              | Phthalic Anhydride                                | 85-44-9    |                                       |                                      |  | 7.3E+04                         |                                 | 7.3E+04                              |               |
|   |             |   |             | 7.0E-02                         | I           |  |             |                                      |              | Picloram  | 1918-02-1  |                                       |                                      |  | 2.6E+03                         |                                 | 2.6E+03                              | 5.0E+02       |
|   |             |   |             | 1.0E-04                         | X           |  |             |                                      |              | Picramic Acid (2-Amino-4,6-dinitrophenol)         | 96-91-3    |                                       |                                      |  | 3.7E+00                         |                                 | 3.7E+00                              |               |
|   |             |   |             | 1.0E-02                         | I           |  |             |                                      |              | Pirimiphos, Methyl                                | 29232-93-7 |                                       |                                      |  | 3.7E+02                         |                                 | 3.7E+02                              |               |
| 3.0E+01   | C           | 8.6E-03                                   | C           | 7.0E-06                         | H           |  |             |                                      |              | Polybrominated Biphenyls                          | 59536-65-1 | 2.2E-03                               |                                      | 2.2E-03                                | 2.6E-01                         |                                 | 2.6E-01                              |               |
|   |             |   |             |                                 |             |  |             |                                      |              | <b>Polychlorinated Biphenyls (PCBs)</b>           |            |                                       |                                      |  |                                 |                                 |                                      |               |
| 7.0E-02   | S           | 2.0E-05                                   | S           | 7.0E-05                         | I           |  |             |                                      |              | ~Aroclor 1016                                     | 12674-11-2 | 9.6E-01                               |                                      | 9.6E-01                                | 2.6E+00                         |                                 | 2.6E+00                              |               |
| 2.0E+00   | S           | 5.7E-04                                   | S           |                                 |             |  |             | V                                    |              | ~Aroclor 1221                                     | 11104-28-2 | 3.4E-02                               | 8.5E-03                              | 6.8E-03                                |                                 |                                 |                                      |               |
| 2.0E+00   | S           | 5.7E-04                                   | S           |                                 |             |  |             | V                                    |              | ~Aroclor 1232                                     | 11141-16-5 | 3.4E-02                               | 8.5E-03                              | 6.8E-03                                |                                 |                                 |                                      |               |
| 2.0E+00   | S           | 5.7E-04                                   | S           |                                 |             |  |             |                                      |              | ~Aroclor 1242                                     | 53469-21-9 | 3.4E-02                               |                                      | 3.4E-02                                |                                 |                                 |                                      |               |
| 2.0E+00   | S           | 5.7E-04                                   | S           |                                 |             |  |             |                                      |              | ~Aroclor 1248                                     | 12672-29-6 | 3.4E-02                               |                                      | 3.4E-02                                |                                 |                                 |                                      |               |
| 2.0E+00   | S           | 5.7E-04                                   | S           | 2.0E-05                         | I           |  |             |                                      |              | ~Aroclor 1254                                     | 11097-69-1 | 3.4E-02                               |                                      | 3.4E-02                                | 7.3E-01                         |                                 | 7.3E-01                              |               |
| 2.0E+00   | S           | 5.7E-04                                   | S           |                                 |             |  |             |                                      |              | ~Aroclor 1260                                     | 11096-82-5 | 3.4E-02                               |                                      | 3.4E-02                                |                                 |                                 |                                      |               |
| 3.9E+00   | E           | 1.1E-03                                   | E           | 3.3E-05                         | E           | 1.3E-03                                  | E           |                                      |              | ~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189) | 39635-31-9 | 1.7E-02                               |                                      | 1.7E-02                                | 1.2E+00                         |                                 | 1.2E+00                              |               |
| 3.9E+00   | E           | 1.1E-03                                   | E           | 3.3E-05                         | E           | 1.3E-03                                  | E           |                                      |              | ~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)    | 52663-72-6 | 1.7E-02                               |                                      | 1.7E-02                                | 1.2E+00                         |                                 | 1.2E+00                              |               |
| 3.9E+00   | E           | 1.1E-03                                   | E           | 3.3E-05                         | E           | 1.3E-03                                  | E           |                                      |              | ~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)    | 69782-90-7 | 1.7E-02                               |                                      | 1.7E-02                                | 1.2E+00                         |                                 | 1.2E+00                              |               |
| 3.9E+00   | E           | 1.1E-03                                   | E           | 3.3E-05                         | E           | 1.3E-03                                  | E           |                                      |              | ~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 156)    | 38380-08-4 | 1.7E-02                               |                                      | 1.7E-02                                | 1.2E+00                         |                                 | 1.2E+00                              |               |
| 3.9E+03   | E           | 1.1E+00                                   | E           | 3.3E-08                         | E           | 1.3E-06                                  | E           |                                      |              | ~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)    | 32774-16-6 | 1.7E-05                               |                                      | 1.7E-05                                | 1.2E-03                         |                                 | 1.2E-03                              |               |

Regional Screening Level (RSL) Tapwater Supporting Table November 2010

| Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1 |             |   |             |                                 |             |  |             |   |  |            |                                     |                                      |  |                                |                                 |                                      |               |
|---|-------------|---|-------------|---------------------------------|-------------|--|-------------|---|--|------------|-------------------------------------|--------------------------------------|--|--------------------------------|---------------------------------|--------------------------------------|---------------|
| Toxicity and Chemical-specific Information  |             |   |             |                                 |             |  | Contaminant |   | Carcinogenic Target Risk (TR) = 1E-06            |            |                                     | Noncancer Hazard Index (HI) = 1      |  |                                |                                 |                                      |               |
| SFO<br>(mg/kg-day) <sup>-1</sup>  | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>u<br>t<br>a<br>g<br>e<br>n | Analyte  | CAS No.    | Ingestion SL<br>TR=1.0E-6<br>(ug/L) | Inhalation SL<br>TR=1.0E-6<br>(ug/L) | Carcinogenic SL<br>TR=1.0E-6<br>(ug/L) | Ingestion SL<br>HQ=1<br>(ug/L) | Inhalation SL<br>HQ=1<br>(ug/L) | Noncarcinogenic SL<br>HI=1<br>(ug/L) | MCL<br>(ug/L) |
| 3.9E+00   | E           | 1.1E-03                                   | E           | 3.3E-05                         | E           | 1.3E-03                                  | E           |   | ~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)     | 65510-44-3 | 1.7E-02                             |                                      | 1.7E-02                                | 1.2E+00                        |                                 | 1.2E+00                              |               |
| 3.9E+00   | E           | 1.1E-03                                   | E           | 3.3E-05                         | E           | 1.3E-03                                  | E           |   | ~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)     | 31508-00-6 | 1.7E-02                             |                                      | 1.7E-02                                | 1.2E+00                        |                                 | 1.2E+00                              |               |
| 3.9E+00   | E           | 1.1E-03                                   | E           | 3.3E-05                         | E           | 1.3E-03                                  | E           |   | ~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)     | 32598-14-4 | 1.7E-02                             |                                      | 1.7E-02                                | 1.2E+00                        |                                 | 1.2E+00                              |               |
| 3.9E+00   | E           | 1.1E-03                                   | E           | 3.3E-05                         | E           | 1.3E-03                                  | E           |   | ~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)      | 74472-37-0 | 1.7E-02                             |                                      | 1.7E-02                                | 1.2E+00                        |                                 | 1.2E+00                              |               |
| 1.3E+04   | E           | 3.8E+00                                   | E           | 1.0E-08                         | E           | 4.0E-07                                  | E           |   | ~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)     | 57465-28-8 | 5.2E-06                             |                                      | 5.2E-06                                | 3.7E-04                        |                                 | 3.7E-04                              |               |
| 2.0E+00   | I           | 5.7E-04                                   | I           |                                 |             |  |             |   | ~Polychlorinated Biphenyls (high risk)           | 1336-36-3  |                                     |                                      |  |                                |                                 |                                      |               |
| 4.0E-01   | I           | 1.0E-04                                   | I           |                                 |             |  |             |   | ~Polychlorinated Biphenyls (low risk)            | 1336-36-3  | 1.7E-01                             |                                      | 1.7E-01                                |                                |                                 |                                      | 5.0E-01       |
| 7.0E-02   | I           | 2.0E-05                                   | I           |                                 |             |  |             |   | ~Polychlorinated Biphenyls (lowest risk)         | 1336-36-3  |                                     |                                      |  |                                |                                 |                                      |               |
| 1.3E+01   | E           | 3.8E-03                                   | E           | 1.0E-05                         | E           | 4.0E-04                                  | E           |   | ~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)        | 32598-13-3 | 5.2E-03                             |                                      | 5.2E-03                                | 3.7E-01                        |                                 | 3.7E-01                              |               |
| 3.9E+01   | E           | 1.1E-02                                   | E           | 3.3E-06                         | E           | 1.3E-04                                  | E           |   | ~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)         | 70362-50-4 | 1.7E-03                             |                                      | 1.7E-03                                | 1.2E-01                        |                                 | 1.2E-01                              |               |
|   |             |   |             | 6.0E-04                         | I           |  |             |   | Polymeric Methylene Diphenyl Diisocyanate (PMDI) | 9016-87-9  |                                     |                                      |  |                                |                                 |                                      |               |
|   |             |   |             | 6.0E-02                         | I           |  |             | V   | <b>Polynuclear Aromatic Hydrocarbons (PAHs)</b>  |            |                                     |                                      |  |                                |                                 |                                      |               |
|   |             |   |             | 3.0E-01                         | I           |  |             | V   | ~Acenaphthene                                    | 83-32-9    |                                     |                                      |  | 2.2E+03                        |                                 | 2.2E+03                              |               |
| 7.3E-01   | E           | 1.1E-04                                   | C           |                                 |             |  |             |   | ~Anthracene                                      | 120-12-7   |                                     |                                      |  | 1.1E+04                        |                                 | 1.1E+04                              |               |
| 1.2E+00   | C           | 1.1E-04                                   | C           |                                 |             |  |             | M   | ~Benz[a]anthracene                               | 56-55-3    | 2.9E-02                             |                                      | 2.9E-02                                |                                |                                 |                                      |               |
|   |             |   |             |                                 |             |  |             |   | ~Benzo[j]fluoranthene                            | 205-82-3   | 5.6E-02                             |                                      | 5.6E-02                                |                                |                                 |                                      |               |
| 7.3E+00   | I           | 1.1E-03                                   | C           |                                 |             |  |             | M   | ~Benzo[a]pyrene                                  | 50-32-8    | 2.9E-03                             |                                      | 2.9E-03                                |                                |                                 |                                      | 2.0E-01       |
| 7.3E-01   | E           | 1.1E-04                                   | C           |                                 |             |  |             | M   | ~Benzo[b]fluoranthene                            | 205-99-2   | 2.9E-02                             |                                      | 2.9E-02                                |                                |                                 |                                      |               |
| 7.3E-02   | E           | 1.1E-04                                   | C           |                                 |             |  |             | M   | ~Benzo[k]fluoranthene                            | 207-08-9   | 2.9E-01                             |                                      | 2.9E-01                                |                                |                                 |                                      |               |
| 7.3E-03   | E           | 1.1E-05                                   | C           |                                 |             |  |             | M   | ~Chrysene  | 218-01-9   | 2.9E+00                             |                                      | 2.9E+00                                |                                |                                 |                                      |               |
| 7.3E+00   | E           | 1.2E-03                                   | C           |                                 |             |  |             | M   | ~Dibenz[a,h]anthracene                           | 53-70-3    | 2.9E-03                             |                                      | 2.9E-03                                |                                |                                 |                                      |               |
| 1.2E+01   | C           | 1.1E-03                                   | C           |                                 |             |  |             |   | ~Dibenzo[a,e]pyrene                              | 192-65-4   | 5.6E-03                             |                                      | 5.6E-03                                |                                |                                 |                                      |               |
| 2.5E+02   | C           | 7.1E-02                                   | C           |                                 |             |  |             |   | ~Dimethylbenz(a)anthracene, 7,12-                | 57-97-6    | 2.7E-04                             |                                      | 2.7E-04                                |                                |                                 |                                      |               |
|   |             |   |             | 4.0E-02                         | I           |  |             |   | ~Fluoranthene                                    | 206-44-0   |                                     |                                      |  | 1.5E+03                        |                                 | 1.5E+03                              |               |
|   |             |   |             | 4.0E-02                         | I           |  |             | V   | ~Fluorene  | 86-73-7    |                                     |                                      |  | 1.5E+03                        |                                 | 1.5E+03                              |               |
| 7.3E-01   | E           | 1.1E-04                                   | C           |                                 |             |  |             | M   | ~Indeno[1,2,3-cd]pyrene                          | 193-39-5   | 2.9E-02                             |                                      | 2.9E-02                                |                                |                                 |                                      |               |
| 2.9E-02   | P           |   |             | 7.0E-02                         | A           |  |             | V   | ~Methylnaphthalene, 1-                           | 90-12-0    | 2.3E+00                             |                                      | 2.3E+00                                | 2.6E+03                        |                                 | 2.6E+03                              |               |
|   |             |   |             | 4.0E-03                         | I           |  |             | V   | ~Methylnaphthalene, 2-                           | 91-57-6    |                                     |                                      |  | 1.5E+02                        |                                 | 1.5E+02                              |               |
|   |             | 3.4E-05                                   | C           | 2.0E-02                         | I           | 3.0E-03                                  | I           | V   | ~Naphthalene                                     | 91-20-3    |                                     | 1.4E-01                              | 1.4E-01                                | 7.3E+02                        | 6.3E+00                         | 6.2E+00                              |               |
| 1.2E+00   | C           | 1.1E-04                                   | C           |                                 |             |  |             | V   | ~Nitropyrene, 4-                                 | 57835-92-4 | 5.6E-02                             |                                      | 5.6E-02                                |                                |                                 | 1.1E+03                              | 1.1E+03       |
|   |             |   |             | 3.0E-02                         | I           |  |             | V   | ~Pyrene  | 129-00-0   |                                     |                                      |  |                                |                                 | 1.1E+03                              |               |
| 1.5E-01   | I           |   |             | 7.0E-04                         | I           |  |             |   | Potassium Perchlorate                            | 7778-74-7  |                                     |                                      |  | 2.6E+01                        |                                 | 2.6E+01                              |               |
|   |             |   |             | 9.0E-03                         | I           |  |             |   | Prochloraz                                       | 67747-09-5 | 4.5E-01                             |                                      | 4.5E-01                                | 3.3E+02                        |                                 | 3.3E+02                              |               |
|   |             |   |             | 6.0E-03                         | H           |  |             |   | Propylparalol                                    | 26399-36-0 |                                     |                                      |  | 2.2E+02                        |                                 | 2.2E+02                              |               |
|   |             |   |             | 1.5E-02                         | I           |  |             |   | Prometon   | 1610-18-0  |                                     |                                      |  | 5.5E+02                        |                                 | 5.5E+02                              |               |
|   |             |   |             | 4.0E-03                         | I           |  |             |   | Prometryn  | 7287-19-6  |                                     |                                      |  | 1.5E+02                        |                                 | 1.5E+02                              |               |
|   |             |   |             | 1.3E-02                         | I           |  |             |   | Propachlor                                       | 1918-16-7  |                                     |                                      |  | 4.7E+02                        |                                 | 4.7E+02                              |               |
|   |             |   |             | 5.0E-03                         | I           |  |             |   | Propanil   | 709-98-8   |                                     |                                      |  | 1.8E+02                        |                                 | 1.8E+02                              |               |
|   |             |   |             | 2.0E-02                         | I           |  |             |   | Propargite                                       | 2312-35-8  |                                     |                                      |  | 7.3E+02                        |                                 | 7.3E+02                              |               |
|   |             |   |             | 2.0E-03                         | I           |  |             |   | Propargyl Alcohol                                | 107-19-7   |                                     |                                      |  | 7.3E+01                        |                                 | 7.3E+01                              |               |
|   |             |   |             | 2.0E-02                         | I           |  |             |   | Propazine  | 139-40-2   |                                     |                                      |  | 7.3E+02                        |                                 | 7.3E+02                              |               |
|   |             |   |             | 2.0E-02                         | I           |  |             |   | Propam   | 122-42-9   |                                     |                                      |  | 7.3E+02                        |                                 | 7.3E+02                              |               |
|   |             |   |             | 1.3E-02                         | I           |  |             |   | Propiconazole                                    | 60207-90-1 |                                     |                                      |  | 4.7E+02                        |                                 | 4.7E+02                              |               |
|   |             |   |             |                                 |             | 8.0E-03                                  | I           | V   | Propionaldehyde                                  | 123-38-6   |                                     |                                      |  |                                | 1.7E+01                         | 1.7E+01                              |               |
|   |             |   |             | 1.0E-01                         | X           | 1.0E+00                                  | X           | V   | Propyl benzene                                   | 103-65-1   |                                     |                                      |  | 3.7E+03                        | 2.1E+03                         | 1.3E+03                              |               |
|   |             |   |             |                                 |             | 3.0E+00                                  | C           |   | Propylene  | 115-07-1   |                                     |                                      |  |                                |                                 |                                      |               |
|   |             |   |             | 2.0E+01                         | P           |  |             |   | Propylene Glycol                                 | 57-55-6    |                                     |                                      |  | 7.3E+05                        |                                 | 7.3E+05                              |               |
|   |             |   |             |                                 |             | 2.7E-04                                  | A           | V   | Propylene Glycol Dinitrate                       | 6423-43-4  |                                     |                                      |  |                                | 5.7E-01                         | 5.7E-01                              |               |
|   |             |   |             | 7.0E-01                         | H           |  |             |   | Propylene Glycol Monoethyl Ether                 | 1569-02-4  |                                     |                                      |  | 2.6E+04                        |                                 | 2.6E+04                              |               |



Regional Screening Level (RSL) Tapwater Supporting Table November 2010

| Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1 |             |   |             |                                 |             |  |             |                                      |              |  |            |                                       |                                      |  |                                 |                                 |                                      |               |
|---|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------------------------------|--------------|--|------------|---------------------------------------|--------------------------------------|--|---------------------------------|---------------------------------|--------------------------------------|---------------|
| Toxicity and Chemical-specific Information  |             |   |             |                                 |             |  |             |                                      |              | Contaminant                                  |            | Carcinogenic Target Risk (TR) = 1E-06 |                                      |  | Noncancer Hazard Index (HI) = 1 |                                 |                                      |               |
| SFO<br>(mg/kg-day) <sup>-1</sup>  | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte                                      | CAS No.    | Ingestion SL<br>TR=1.0E-6<br>(ug/L)   | Inhalation SL<br>TR=1.0E-6<br>(ug/L) | Carcinogenic SL<br>TR=1.0E-6<br>(ug/L) | Ingestion SL<br>HQ=1<br>(ug/L)  | Inhalation SL<br>HQ=1<br>(ug/L) | Noncarcinogenic SL<br>HI=1<br>(ug/L) | MCL<br>(ug/L) |
| 2.4E-01   | I           | 3.7E-06                                   | I           | 7.0E-01                         | H           | 2.0E+00                                  | I           |                                      |              | Propylene Glycol Monomethyl Ether            | 107-98-2   |                                       |                                      |  | 2.6E+04                         |                                 | 2.6E+04                              |               |
|   |             |   |             | 2.5E-01                         | I           | 3.0E-02                                  | I           | V                                    |              | Propylene Oxide                              | 75-56-9    | 2.8E-01                               | 1.3E+00                              | 2.3E-01                                | 9.1E+03                         | 6.3E+01                         | 6.3E+01                              |               |
|   |             |   |             |                                 |             |  |             |                                      |              | Pursuit                                      | 81335-77-5 |                                       |                                      |  |                                 |                                 | 9.1E+03                              |               |
|   |             |   |             | 2.5E-02                         | I           |  |             |                                      |              | Pydrin                                       | 51630-58-1 |                                       |                                      |  | 9.1E+02                         |                                 | 9.1E+02                              |               |
|   |             |   |             | 1.0E-03                         | I           |  |             | V                                    |              | Pyridine                                     | 110-86-1   |                                       |                                      |  | 3.7E+01                         |                                 | 3.7E+01                              |               |
|   |             |   |             | 5.0E-04                         | I           |  |             |                                      |              | Quinalphos                                   | 13593-03-8 |                                       |                                      |  | 1.8E+01                         |                                 | 1.8E+01                              |               |
| 3.0E+00   | I           |   |             |                                 |             | 3.0E-02                                  | A           |                                      |              | Quinoline                                    | 91-22-5    | 2.2E-02                               |                                      | 2.2E-02                                |                                 |                                 |                                      |               |
|   |             |   |             | 3.0E-02                         | I           |  |             |                                      |              | Refractory Ceramic Fibers                    | NA         |                                       |                                      |  |                                 |                                 |                                      |               |
|   |             |   |             |                                 |             |  |             |                                      |              | Resmethrin                                   | 10453-86-8 |                                       |                                      |  | 1.1E+03                         |                                 | 1.1E+03                              |               |
|   |             |   |             | 5.0E-02                         | H           |  |             |                                      |              | Ronnel                                       | 299-84-3   |                                       |                                      |  | 1.8E+03                         |                                 | 1.8E+03                              |               |
| 2.2E-01   | C           | 6.3E-05                                   | C           | 4.0E-03                         | I           |  |             |                                      |              | Rotenone                                     | 83-79-4    | 3.1E-01                               |                                      | 3.1E-01                                | 1.5E+02                         |                                 | 1.5E+02                              |               |
|   |             |   |             |                                 |             |  |             |                                      |              | Safrole                                      | 94-59-7    |                                       |                                      |  |                                 |                                 |                                      |               |
|   |             |   |             | 2.5E-02                         | I           |  |             |                                      |              | Savey  | 78587-05-0 |                                       |                                      |  | 9.1E+02                         |                                 | 9.1E+02                              |               |
|   |             |   |             | 5.0E-03                         | I           |  |             |                                      |              | Selenious Acid                               | 7783-00-8  |                                       |                                      |  | 1.8E+02                         |                                 | 1.8E+02                              |               |
|   |             |   |             | 5.0E-03                         | I           | 2.0E-02                                  | C           |                                      |              | Selenium                                     | 7782-49-2  |                                       |                                      |  | 1.8E+02                         |                                 | 1.8E+02                              | 5.0E+01       |
|   |             |   |             | 5.0E-03                         | C           | 2.0E-02                                  | C           |                                      |              | Selenium Sulfide                             | 7446-34-6  |                                       |                                      |  | 1.8E+02                         |                                 | 1.8E+02                              |               |
|   |             |   |             | 9.0E-02                         | I           |  |             |                                      |              | Sethoxydim                                   | 74051-80-2 |                                       |                                      |  | 3.3E+03                         |                                 | 3.3E+03                              |               |
|   |             |   |             |                                 |             | 3.0E-03                                  | C           |                                      |              | Silica (crystalline, respirable)             | 7631-86-9  |                                       |                                      |  |                                 |                                 |                                      |               |
| 1.2E-01   | H           |   |             | 5.0E-03                         | I           |  |             |                                      |              | Silver                                       | 7440-22-4  |                                       |                                      |  | 1.8E+02                         |                                 | 1.8E+02                              |               |
|   |             |   |             | 5.0E-03                         | I           |  |             |                                      |              | Simazine                                     | 122-34-9   | 5.6E-01                               |                                      | 5.6E-01                                | 1.8E+02                         |                                 | 1.8E+02                              | 4.0E+00       |
|   |             |   |             | 1.3E-02                         | I           |  |             |                                      |              | Sodium Acifluorfen                           | 62476-59-9 |                                       |                                      |  | 4.7E+02                         |                                 | 4.7E+02                              |               |
|   |             |   |             | 4.0E-03                         | I           |  |             |                                      |              | Sodium Azide                                 | 26628-22-8 |                                       |                                      |  | 1.5E+02                         |                                 | 1.5E+02                              |               |
| 2.7E-01   | H           |   |             | 3.0E-02                         | I           |  |             |                                      |              | Sodium Diethyldithiocarbamate                | 148-18-5   | 2.5E-01                               |                                      | 2.5E-01                                | 1.1E+03                         |                                 | 1.1E+03                              |               |
|   |             |   |             | 5.0E-02                         | A           | 1.3E-02                                  | C           |                                      |              | Sodium Fluoride                              | 7681-49-4  |                                       |                                      |  | 1.8E+03                         |                                 | 1.8E+03                              |               |
|   |             |   |             | 2.0E-05                         | I           |  |             |                                      |              | Sodium Fluoroacetate                         | 62-74-8    |                                       |                                      |  | 7.3E-01                         |                                 | 7.3E-01                              |               |
|   |             |   |             | 1.0E-03                         | H           |  |             |                                      |              | Sodium Metavanadate                          | 13718-26-8 |                                       |                                      |  | 3.7E+01                         |                                 | 3.7E+01                              |               |
|   |             |   |             | 7.0E-04                         | I           |  |             |                                      |              | Sodium Perchlorate                           | 7601-89-0  |                                       |                                      |  | 2.6E+01                         |                                 | 2.6E+01                              |               |
| 2.4E-02   | H           |   |             | 3.0E-02                         | I           |  |             |                                      |              | Stirofos (Tetrachlorovinphos)                | 961-11-5   | 2.8E+00                               |                                      | 2.8E+00                                | 1.1E+03                         |                                 | 1.1E+03                              |               |
|   |             |   |             | 6.0E-01                         | I           |  |             |                                      |              | Strontium, Stable                            | 7440-24-6  |                                       |                                      |  | 2.2E+04                         |                                 | 2.2E+04                              |               |
|   |             |   |             | 3.0E-04                         | I           |  |             |                                      |              | Strychnine                                   | 57-24-9    |                                       |                                      |  | 1.1E+01                         |                                 | 1.1E+01                              |               |
|   |             |   |             | 2.0E-01                         | I           | 1.0E+00                                  | I           | V                                    |              | Styrene                                      | 100-42-5   |                                       |                                      |  | 7.3E+03                         | 2.1E+03                         | 1.6E+03                              | 1.0E+02       |
|   |             |   |             | 8.0E-04                         | P           |  |             |                                      |              | Sulfonylbis(4-chlorobenzene), 1,1'-          | 80-07-9    |                                       |                                      |  | 2.9E+01                         |                                 | 2.9E+01                              |               |
|   |             |   |             |                                 |             | 1.0E-03                                  | C           |                                      |              | Sulfuric Acid                                | 7664-93-9  |                                       |                                      |  |                                 |                                 |                                      |               |
|   |             |   |             | 2.5E-02                         | I           |  |             |                                      |              | Systhane                                     | 88671-89-0 |                                       |                                      |  | 9.1E+02                         |                                 | 9.1E+02                              |               |
|   |             |   |             | 3.0E-02                         | H           |  |             |                                      |              | TCMTB  | 21564-17-0 |                                       |                                      |  | 1.1E+03                         |                                 | 1.1E+03                              |               |
|   |             |   |             | 7.0E-02                         | I           |  |             |                                      |              | Tebuthiuron                                  | 34014-18-1 |                                       |                                      |  | 2.6E+03                         |                                 | 2.6E+03                              |               |
|   |             |   |             | 2.0E-02                         | H           |  |             |                                      |              | Temephos                                     | 3383-96-8  |                                       |                                      |  | 7.3E+02                         |                                 | 7.3E+02                              |               |
|   |             |   |             | 1.3E-02                         | I           |  |             |                                      |              | Terbacil                                     | 5902-51-2  |                                       |                                      |  | 4.7E+02                         |                                 | 4.7E+02                              |               |
|   |             |   |             | 2.5E-05                         | H           |  |             |                                      |              | Terbufos                                     | 13071-79-9 |                                       |                                      |  | 9.1E-01                         |                                 | 9.1E-01                              |               |
|   |             |   |             | 1.0E-03                         | I           |  |             |                                      |              | Terbutryn                                    | 886-50-0   |                                       |                                      |  | 3.7E+01                         |                                 | 3.7E+01                              |               |
|   |             |   |             | 1.0E-04                         | I           |  |             |                                      |              | Tetrabromodiphenyl ether, 2,2',4,4'-(BDE-47) | 5436-43-1  |                                       |                                      |  | 3.7E+00                         |                                 | 3.7E+00                              |               |
|   |             |   |             | 3.0E-04                         | I           |  |             |                                      |              | Tetrachlorobenzene, 1,2,4,5-                 | 95-94-3    |                                       |                                      |  | 1.1E+01                         |                                 | 1.1E+01                              |               |
| 2.6E-02   | I           | 7.4E-06                                   | I           | 3.0E-02                         | I           |  |             |                                      | V            | Tetrachloroethane, 1,1,1,2-                  | 630-20-6   | 2.6E+00                               | 6.6E-01                              | 5.2E-01                                | 1.1E+03                         |                                 | 1.1E+03                              |               |
| 2.0E-01   | I           | 5.8E-05                                   | C           | 2.0E-02                         | I           |  |             |                                      | V            | Tetrachloroethane, 1,1,2,2-                  | 79-34-5    | 3.4E-01                               | 8.4E-02                              | 6.7E-02                                | 7.3E+02                         |                                 | 7.3E+02                              |               |
| 5.4E-01   | C           | 5.9E-06                                   | C           | 1.0E-02                         | I           | 2.7E-01                                  | A           | V                                    |              | Tetrachloroethylene                          | 127-18-4   | 1.2E-01                               | 8.2E-01                              | 1.1E-01                                | 3.7E+02                         | 5.7E+02                         | 2.2E+02                              | 5.0E+00       |
|   |             |   |             |                                 |             |  |             |                                      |              | Tetrachlorophenol, 2,3,4,6-                  | 58-90-2    |                                       |                                      |  | 1.1E+03                         |                                 | 1.1E+03                              |               |
| 2.0E+01   | H           |   |             | 5.0E-04                         | I           |  |             |                                      |              | Tetrachlorotoluene, p- alpha, alpha-         | 5216-25-1  | 3.4E-03                               |                                      | 3.4E-03                                |                                 |                                 |                                      |               |
|   |             |   |             |                                 |             |  |             |                                      |              | Tetraethyl Dithiopyrophosphate               | 3689-24-5  |                                       |                                      |  | 1.8E+01                         |                                 | 1.8E+01                              |               |
|   |             |   |             | 8.0E+01                         | I           | V  |             |                                      |              | Tetrafluoroethane, 1,1,1,2-                  | 811-97-2   |                                       |                                      |  |                                 | 1.7E+05                         | 1.7E+05                              |               |

Regional Screening Level (RSL) Tapwater Supporting Table November 2010

| Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1 |             |   |             |                                 |             |  |             |                                      |                                       |   |            |                                     |                                      |  |                                |                                 |                                      |               |
|---|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------------------------------|---------------------------------------|---|------------|-------------------------------------|--------------------------------------|--|--------------------------------|---------------------------------|--------------------------------------|---------------|
| Toxicity and Chemical-specific Information  |             |   |             |                                 |             |  | Contaminant |                                      | Carcinogenic Target Risk (TR) = 1E-06 |   |            | Noncancer Hazard Index (HI) = 1     |                                      |  |                                |                                 |                                      |               |
| SFO<br>(mg/kg-day) <sup>-1</sup>  | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>u<br>t<br>i<br>l<br>e | muta-<br>gen                          | Analyte                                 | CAS No.    | Ingestion SL<br>TR=1.0E-6<br>(ug/L) | Inhalation SL<br>TR=1.0E-6<br>(ug/L) | Carcinogenic SL<br>TR=1.0E-6<br>(ug/L) | Ingestion SL<br>HQ=1<br>(ug/L) | Inhalation SL<br>HQ=1<br>(ug/L) | Noncarcinogenic SL<br>HI=1<br>(ug/L) | MCL<br>(ug/L) |
|   |             |   |             | 4.0E-03                         |             |  |             |                                      |                                       | Tetryl (Trinitrophenylmethylnitramine)  | 479-45-8   |                                     |                                      |  | 1.5E+02                        |                                 | 1.5E+02                              |               |
|   |             |   |             |                                 |             |  |             |                                      |                                       | Thallium (Soluble Salts)                | 7440-28-0  |                                     |                                      |  |                                |                                 |                                      | 2.0E+00       |
|   |             |   |             | 1.0E-02                         |             |  |             |                                      |                                       | Thiobencarb                             | 28249-77-6 |                                     |                                      |  | 3.7E+02                        |                                 | 3.7E+02                              |               |
|   |             |   |             | 7.0E-02                         |             |  |             |                                      |                                       | Thiodiglycol                            | 111-48-8   |                                     |                                      |  | 2.6E+03                        |                                 | 2.6E+03                              |               |
|   |             |   |             | 3.0E-04                         |             |  |             |                                      |                                       | Thiofanox                               | 39196-18-4 |                                     |                                      |  | 1.1E+01                        |                                 | 1.1E+01                              |               |
|   |             |   |             | 8.0E-02                         |             |  |             |                                      |                                       | Thiophanate, Methyl                     | 23564-05-8 |                                     |                                      |  | 2.9E+03                        |                                 | 2.9E+03                              |               |
|   |             |   |             | 5.0E-03                         |             |  |             |                                      |                                       | Thiram                                  | 137-26-8   |                                     |                                      |  | 1.8E+02                        |                                 | 1.8E+02                              |               |
|   |             |   |             | 6.0E-01                         |             |  |             |                                      |                                       | Tin                                     | 7440-31-5  |                                     |                                      |  | 2.2E+04                        |                                 | 2.2E+04                              |               |
|   |             |   |             |                                 |             | 1.0E-04                                  |             |                                      |                                       | Titanium Tetrachloride                  | 7550-45-0  |                                     |                                      |  |                                |                                 |                                      |               |
| 1.9E-01   |             |   |             | 8.0E-02                         |             | 5.0E+00                                  |             |                                      |                                       | Toluene                                 | 108-88-3   |                                     |                                      |  | 2.9E+03                        | 1.0E+04                         | 2.3E+03                              | 1.0E+03       |
|   |             |   |             |                                 |             |  |             |                                      |                                       | Toluidine, p-                           | 106-49-0   | 3.5E-01                             |                                      | 3.5E-01                                |                                |                                 |                                      |               |
| 1.1E+00   |             |   |             |                                 |             |  |             |                                      |                                       | Toxaphene                               | 8001-35-2  | 6.1E-02                             |                                      | 6.1E-02                                |                                |                                 |                                      | 3.0E+00       |
|   |             |   |             | 7.5E-03                         |             |  |             |                                      |                                       | Tralomethrin                            | 66841-25-6 |                                     |                                      |  | 2.7E+02                        |                                 | 2.7E+02                              |               |
|   |             |   |             | 3.0E-04                         |             |  |             |                                      |                                       | Tri-n-butyltin                          | 688-73-3   |                                     |                                      |  | 1.1E+01                        |                                 | 1.1E+01                              |               |
|   |             |   |             | 1.3E-02                         |             |  |             |                                      |                                       | Triallate                               | 2303-17-5  |                                     |                                      |  | 4.7E+02                        |                                 | 4.7E+02                              |               |
|   |             |   |             | 1.0E-02                         |             |  |             |                                      |                                       | Triasulfuron                            | 82097-50-5 |                                     |                                      |  | 3.7E+02                        |                                 | 3.7E+02                              |               |
|   |             |   |             | 5.0E-03                         |             |  |             |                                      |                                       | Tribromobenzene, 1,2,4-                 | 615-54-3   |                                     |                                      |  | 1.8E+02                        |                                 | 1.8E+02                              |               |
| 9.2E-03   |             |   |             | 2.0E-01                         |             |  |             |                                      |                                       | Tributyl Phosphate                      | 126-73-8   | 7.3E+00                             |                                      | 7.3E+00                                | 7.3E+03                        |                                 | 7.3E+03                              |               |
|   |             |   |             | 3.0E-04                         |             |  |             |                                      |                                       | Tributyltin Compounds                   | NA         |                                     |                                      |  | 1.1E+01                        |                                 | 1.1E+01                              |               |
|   |             |   |             | 3.0E-04                         |             |  |             |                                      |                                       | Tributyltin Oxide                       | 56-35-9    |                                     |                                      |  | 1.1E+01                        |                                 | 1.1E+01                              |               |
|   |             |   |             | 3.0E+01                         |             | 3.0E+01                                  |             |                                      |                                       | Trichloro-1,2,2-trifluoroethane, 1,1,2- | 76-13-1    |                                     |                                      |  | 1.1E+06                        | 6.3E+04                         | 5.9E+04                              |               |
| 2.9E-02   |             |   |             |                                 |             |  |             |                                      |                                       | Trichloroacetic Acid                    | 76-03-9    |                                     |                                      |  |                                |                                 |                                      | 6.0E+01       |
|   |             |   |             |                                 |             |  |             |                                      |                                       | Trichloroaniline HCl, 2,4,6-            | 33663-50-2 | 2.3E+00                             |                                      | 2.3E+00                                |                                |                                 |                                      |               |
| 3.4E-02   |             |   |             |                                 |             |  |             |                                      |                                       | Trichloroaniline, 2,4,6-                | 634-93-5   | 2.0E+00                             |                                      | 2.0E+00                                |                                |                                 |                                      |               |
|   |             |   |             | 8.0E-04                         |             |  |             |                                      |                                       | Trichlorobenzene, 1,2,3-                | 87-61-6    |                                     |                                      |  | 2.9E+01                        |                                 | 2.9E+01                              |               |
| 2.9E-02   |             |   |             | 1.0E-02                         |             | 2.0E-03                                  |             |                                      |                                       | Trichlorobenzene, 1,2,4-                | 120-82-1   | 2.3E+00                             |                                      | 2.3E+00                                | 3.7E+02                        | 4.2E+00                         | 4.1E+00                              | 7.0E+01       |
|   |             |   |             | 2.0E+00                         |             | 5.0E+00                                  |             |                                      |                                       | Trichloroethane, 1,1,1-                 | 71-55-6    |                                     |                                      |  | 7.3E+04                        | 1.0E+04                         | 9.1E+03                              | 2.0E+02       |
| 5.7E-02   |             |   |             | 4.0E-03                         |             |  |             |                                      |                                       | Trichloroethane, 1,1,2-                 | 79-00-5    | 1.2E+00                             | 3.0E-01                              | 2.4E-01                                | 1.5E+02                        |                                 | 1.5E+02                              | 5.0E+00       |
| 5.9E-03   |             |   |             |                                 |             |  |             |                                      |                                       | Trichloroethylene                       | 79-01-6    | 1.1E+01                             | 2.4E+00                              | 2.0E+00                                |                                |                                 |                                      | 5.0E+00       |
|   |             |   |             | 3.0E-01                         |             | 7.0E-01                                  |             |                                      |                                       | Trichlorofluoromethane                  | 75-69-4    |                                     |                                      |  | 1.1E+04                        | 1.5E+03                         | 1.3E+03                              |               |
| 1.1E-02   |             |   |             | 1.0E-01                         |             |  |             |                                      |                                       | Trichlorophenol, 2,4,5-                 | 95-95-4    |                                     |                                      |  | 3.7E+03                        |                                 | 3.7E+03                              |               |
|   |             |   |             | 1.0E-03                         |             |  |             |                                      |                                       | Trichlorophenol, 2,4,6-                 | 88-06-2    | 6.1E+00                             |                                      | 6.1E+00                                | 3.7E+01                        |                                 | 3.7E+01                              |               |
|   |             |   |             | 1.0E-02                         |             |  |             |                                      |                                       | Trichlorophenoxyacetic Acid, 2,4,5-     | 93-76-5    |                                     |                                      |  | 3.7E+02                        |                                 | 3.7E+02                              |               |
|   |             |   |             | 8.0E-03                         |             |  |             |                                      |                                       | Trichlorophenoxypropionic acid, -2,4,5  | 93-72-1    |                                     |                                      |  | 2.9E+02                        |                                 | 2.9E+02                              | 5.0E+01       |
|   |             |   |             | 5.0E-03                         |             |  |             |                                      |                                       | Trichloropropane, 1,1,2-                | 598-77-6   |                                     |                                      |  | 1.8E+02                        |                                 | 1.8E+02                              |               |
| 3.0E+01   |             |   |             | 4.0E-03                         |             | 3.0E-04                                  |             |                                      |                                       | Trichloropropane, 1,2,3-                | 96-18-4    | 7.2E-04                             |                                      | 7.2E-04                                | 1.5E+02                        | 6.3E-01                         | 6.2E-01                              |               |
|   |             |   |             | 3.0E-03                         |             | 3.0E-04                                  |             |                                      |                                       | Trichloropropene, 1,2,3-                | 96-19-5    |                                     |                                      |  | 1.1E+02                        | 6.3E-01                         | 6.2E-01                              |               |
|   |             |   |             | 3.0E-03                         |             |  |             |                                      |                                       | Tridiphane                              | 58138-08-2 |                                     |                                      |  | 1.1E+02                        |                                 | 1.1E+02                              |               |
| 7.7E-03   |             |   |             |                                 |             | 7.0E-03                                  |             |                                      |                                       | Triethylamine                           | 121-44-8   |                                     |                                      |  |                                | 1.5E+01                         | 1.5E+01                              |               |
| 3.7E-02   |             |   |             |                                 |             |  |             |                                      |                                       | Trifluralin                             | 1582-09-8  | 8.7E+00                             |                                      | 8.7E+00                                | 2.7E+02                        |                                 | 2.7E+02                              |               |
|   |             |   |             |                                 |             |  |             |                                      |                                       | Trimethyl Phosphate                     | 512-56-1   | 1.8E+00                             |                                      | 1.8E+00                                |                                |                                 |                                      |               |
|   |             |   |             |                                 |             |  |             |                                      |                                       | Trimethylbenzene, 1,2,4-                | 95-63-6    |                                     |                                      |  |                                | 1.5E+01                         | 1.5E+01                              |               |
|   |             |   |             | 1.0E-02                         |             |  |             |                                      |                                       | Trimethylbenzene, 1,3,5-                | 108-67-8   |                                     |                                      |  | 3.7E+02                        |                                 | 3.7E+02                              |               |
|   |             |   |             | 3.0E-02                         |             |  |             |                                      |                                       | Trinitrobenzene, 1,3,5-                 | 99-35-4    |                                     |                                      |  | 1.1E+03                        |                                 | 1.1E+03                              |               |
| 3.0E-02   |             |   |             | 5.0E-04                         |             |  |             |                                      |                                       | Trinitrotoluene, 2,4,6-                 | 118-96-7   | 2.2E+00                             |                                      | 2.2E+00                                | 1.8E+01                        |                                 | 1.8E+01                              |               |
|   |             |   |             | 2.0E-02                         |             |  |             |                                      |                                       | Triphenylphosphine Oxide                | 791-28-6   |                                     |                                      |  | 7.3E+02                        |                                 | 7.3E+02                              |               |
|   |             |   |             | 2.0E-02                         |             |  |             |                                      |                                       | Tris(1,3-Dichloro-2-propyl) Phosphate   | 13674-87-8 |                                     |                                      |  | 7.3E+02                        |                                 | 7.3E+02                              |               |
| 2.0E-02   |             |   |             | 7.0E-03                         |             |  |             |                                      |                                       | Tris(2-chloroethyl)phosphate            | 115-96-8   | 3.4E+00                             |                                      | 3.4E+00                                | 2.6E+02                        |                                 | 2.6E+02                              |               |
| 3.2E-03   |             |   |             | 1.0E-01                         |             |  |             |                                      |                                       | Tris(2-ethylhexyl)phosphate             | 78-42-2    | 2.1E+01                             |                                      | 2.1E+01                                | 3.7E+03                        |                                 | 3.7E+03                              |               |

Regional Screening Level (RSL) Tapwater Supporting Table November 2010

| Toxicity and Chemical-specific Information |             |   |             |                                 |             |  |             |                                      |                                 | Contaminant             |            | Carcinogenic Target Risk (TR) = 1E-06 |                                      |  | Noncancer Hazard Index (HI) = 1 |                                 |                                      |               |
|--|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------------------------------|---------------------------------|-------------------------|------------|---------------------------------------|--------------------------------------|--|---------------------------------|---------------------------------|--------------------------------------|---------------|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>u<br>t<br>i<br>l<br>e | m<br>u<br>t<br>a<br>g<br>e<br>n | Analyte                 | CAS No.    | Ingestion SL<br>TR=1.0E-6<br>(ug/L)   | Inhalation SL<br>TR=1.0E-6<br>(ug/L) | Carcinogenic SL<br>TR=1.0E-6<br>(ug/L) | Ingestion SL<br>HQ=1<br>(ug/L)  | Inhalation SL<br>HQ=1<br>(ug/L) | Noncarcinogenic SL<br>HI=1<br>(ug/L) | MCL<br>(ug/L) |
|  |             |   |             | 3.0E-03                         | I           | 3.0E-04                                  | A           |                                      |                                 | Uranium (Soluble Salts) | NA         |                                       |                                      |  | 1.1E+02                         |                                 | 1.1E+02                              | 3.0E+01       |
| 1.0E+00                                    | C           | 2.9E-04                                   | C           |                                 |             |  |             |                                      |                                 | Urethane                | 51-79-6    | 6.7E-02                               |                                      | 6.7E-02                                |                                 |                                 |                                      |               |
|  |             | 8.3E-03                                   | P           | 9.0E-03                         | I           | 7.0E-06                                  | P           |                                      |                                 | Vanadium Pentoxide      | 1314-62-1  |                                       |                                      |  | 3.3E+02                         |                                 | 3.3E+02                              |               |
|  |             |   |             | 2.0E-02                         | H           |  |             |                                      |                                 | Vanadium Sulfate        | 36907-42-3 |                                       |                                      |  | 7.3E+02                         |                                 | 7.3E+02                              |               |
|  |             |   |             | 5.0E-03                         | S           |  |             |                                      |                                 | Vanadium and Compounds  | NA         |                                       |                                      |  | 1.8E+02                         |                                 | 1.8E+02                              |               |
|  |             |   |             | 7.0E-05                         | P           | 1.0E-04                                  | A           |                                      |                                 | Vanadium, Metallic      | 7440-62-2  |                                       |                                      |  | 2.6E+00                         |                                 | 2.6E+00                              |               |
|  |             |   |             | 1.0E-03                         | I           |  |             |                                      |                                 | Vernolate               | 1929-77-7  |                                       |                                      |  | 3.7E+01                         |                                 | 3.7E+01                              |               |
|  |             |   |             | 2.5E-02                         | I           |  |             |                                      |                                 | Vinclozolin             | 50471-44-8 |                                       |                                      |  | 9.1E+02                         |                                 | 9.1E+02                              |               |
|  |             |   |             | 1.0E+00                         | H           | 2.0E-01                                  | I V         |                                      |                                 | Vinyl Acetate           | 108-05-4   |                                       |                                      |  | 3.7E+04                         | 4.2E+02                         | 4.1E+02                              |               |
|  |             | 3.2E-05                                   | H           |                                 |             | 3.0E-03                                  | I V         |                                      |                                 | Vinyl Bromide           | 593-60-2   |                                       | 1.5E-01                              | 1.5E-01                                |                                 | 6.3E+00                         | 6.3E+00                              |               |
| 7.2E-01                                    | I           | 4.4E-06                                   | I           | 3.0E-03                         | I           | 1.0E-01                                  | I V M       |                                      |                                 | Vinyl Chloride          | 75-01-4    | 1.7E-02                               | 3.2E-01                              | 1.6E-02                                | 1.1E+02                         | 2.1E+02                         | 7.2E+01                              | 2.0E+00       |
|  |             |   |             | 3.0E-04                         | I           |  |             |                                      |                                 | Warfarin                | 81-81-2    |                                       |                                      |  | 1.1E+01                         |                                 | 1.1E+01                              |               |
|  |             |   |             | 2.0E-01                         | I           | 1.0E-01                                  | I V         |                                      |                                 | Xylene, Mixture         | 1330-20-7  |                                       |                                      |  | 7.3E+03                         | 2.1E+02                         | 2.0E+02                              | 1.0E+04       |
|  |             |   |             | 2.0E-01                         | S           | 7.0E-01                                  | C V         |                                      |                                 | Xylene, p-              | 106-42-3   |                                       |                                      |  | 7.3E+03                         | 1.5E+03                         | 1.2E+03                              |               |
|  |             |   |             | 2.0E-01                         | S           | 7.0E-01                                  | C V         |                                      |                                 | Xylene, m-              | 108-38-3   |                                       |                                      |  | 7.3E+03                         | 1.5E+03                         | 1.2E+03                              |               |
|  |             |   |             | 2.0E-01                         | S           | 7.0E-01                                  | C V         |                                      |                                 | Xylene, o-              | 95-47-6    |                                       |                                      |  | 7.3E+03                         | 1.5E+03                         | 1.2E+03                              |               |
|  |             |   |             | 3.0E-01                         | I           |  |             |                                      |                                 | Zinc (Metallic)         | 7440-66-6  |                                       |                                      |  | 1.1E+04                         |                                 | 1.1E+04                              |               |
|  |             |   |             | 3.0E-04                         | I           |  |             |                                      |                                 | Zinc Phosphide          | 1314-84-7  |                                       |                                      |  | 1.1E+01                         |                                 | 1.1E+01                              |               |
|  |             |   |             | 5.0E-02                         | I           |  |             |                                      |                                 | Zineb                   | 12122-67-7 |                                       |                                      |  | 1.8E+03                         |                                 | 1.8E+03                              |               |

Regional Screening Level (RSL) Soil to Groundwater Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |   |             |                                 |             |  |             |                                      |              | Contaminant                 |            | Carcinogenic Target Risk |         |         | Noncancer Hazard Index |         |         | Protection of Ground Water SSLs |                              |                             |
|--|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------------------------------|--------------|-----------------------------|------------|--------------------------|---------|---------|------------------------|---------|---------|---------------------------------|------------------------------|-----------------------------|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte                     | CAS No.    | ingc                     | inhc    | prgc    | ingn                   | inhn    | prgn    | MCL<br>(ug/L)                   | Risk-based<br>SSL<br>(mg/kg) | MCL-based<br>SSL<br>(mg/kg) |
| 1.8E-02                                    | C           | 5.1E-06                                   | C           | 1.5E-01                         | I           |  |             |                                      |              | ALAR                        | 1596-84-5  | 3.7E+00                  |         | 3.7E+00 | 5.5E+03                |         | 5.5E+03 |                                 | 8.2E-04                      |                             |
| 8.7E-03                                    | I           |   |             | 4.0E-03                         | I           |  |             |                                      |              | Acephate                    | 30560-19-1 | 7.7E+00                  |         | 7.7E+00 | 1.5E+02                |         | 1.5E+02 |                                 | 1.7E-03                      |                             |
|  |             | 2.2E-06                                   | I           |                                 |             | 9.0E-03                                  | I           | V                                    |              | Acetaldehyde                | 75-07-0    |                          | 2.2E+00 | 2.2E+00 |                        | 1.9E+01 | 1.9E+01 |                                 | 4.5E-04                      |                             |
|  |             |   |             | 2.0E-02                         | I           |  |             |                                      |              | Acetochlor                  | 34256-82-1 |                          |         |         | 7.3E+02                |         | 7.3E+02 |                                 | 5.8E-01                      |                             |
|  |             |   |             | 9.0E-01                         | I           | 3.1E+01                                  | A           | V                                    |              | Acetone                     | 67-64-1    |                          |         |         | 3.3E+04                | 6.4E+04 | 2.2E+04 |                                 | 4.5E+00                      |                             |
|  |             |   |             | 3.0E-03                         | P           | 6.0E-02                                  | P           | V                                    |              | Acetone Cyanohydrin         | 75-86-5    |                          |         |         | 1.1E+02                | 1.3E+02 | 5.8E+01 |                                 | 1.2E-02                      |                             |
|  |             |   |             |                                 |             | 6.0E-02                                  | I           | V                                    |              | Acetonitrile                | 75-05-8    |                          |         |         |                        | 1.3E+02 | 1.3E+02 |                                 | 2.6E-02                      |                             |
| 3.8E+00                                    | C           | 1.3E-03                                   | C           | 1.0E-01                         | I           |  |             | V                                    |              | Acetophenone                | 98-86-2    |                          |         |         | 3.7E+03                |         | 3.7E+03 |                                 | 1.1E+00                      |                             |
|  |             |   |             |                                 |             |  |             |                                      |              | Acetylaminofluorene, 2-     | 53-96-3    | 1.8E-02                  |         | 1.8E-02 |                        |         |         |                                 | 8.2E-05                      |                             |
|  |             |   |             | 5.0E-04                         | I           | 2.0E-05                                  | I           | V                                    |              | Acrolein                    | 107-02-8   |                          |         |         | 1.8E+01                | 4.2E-02 | 4.2E-02 |                                 | 8.4E-06                      |                             |
| 5.0E-01                                    | I           | 1.0E-04                                   | I           | 2.0E-03                         | I           | 6.0E-03                                  | I           |                                      | M            | Acrylamide                  | 79-06-1    | 4.3E-02                  |         | 4.3E-02 | 7.3E+01                |         | 7.3E+01 |                                 | 9.1E-06                      |                             |
|  |             |   |             | 5.0E-01                         | I           | 1.0E-03                                  | I           |                                      |              | Acrylic Acid                | 79-10-7    |                          |         |         | 1.8E+04                |         | 1.8E+04 |                                 | 3.7E+00                      |                             |
| 5.4E-01                                    | I           | 6.8E-05                                   | I           | 4.0E-02                         | A           | 2.0E-03                                  | I           | V                                    |              | Acrylonitrile               | 107-13-1   | 1.2E-01                  | 7.2E-02 | 4.5E-02 | 1.5E+03                | 4.2E+00 | 4.2E+00 |                                 | 9.9E-06                      |                             |
| 5.6E-02                                    | C           |   |             | 1.0E-02                         | I           | 6.0E-03                                  | P           |                                      |              | Adiponitrile                | 111-69-3   |                          |         |         |                        |         |         | 2.0E+00                         | 9.9E-04                      | 1.6E-03                     |
|  |             |   |             |                                 |             |  |             |                                      |              | Alachlor                    | 15972-60-8 | 1.2E+00                  |         | 1.2E+00 | 3.7E+02                |         | 3.7E+02 |                                 |                              |                             |
|  |             |   |             | 1.0E-03                         | I           |  |             |                                      |              | Aldicarb                    | 116-06-3   |                          |         |         | 3.7E+01                |         | 3.7E+01 |                                 | 9.1E-03                      |                             |
| 1.7E+01                                    | I           | 4.9E-03                                   | I           | 1.0E-03                         | I           |  |             |                                      |              | Aldicarb Sulfone            | 1646-88-4  |                          |         |         | 3.7E+01                |         | 3.7E+01 |                                 | 8.0E-03                      |                             |
|  |             |   |             | 3.0E-05                         | I           |  |             |                                      |              | Aldrin                      | 309-00-2   | 4.0E-03                  |         | 4.0E-03 | 1.1E+00                |         | 1.1E+00 |                                 | 6.5E-04                      |                             |
|  |             |   |             | 2.5E-01                         | I           |  |             |                                      |              | Allyl                       | 74223-64-6 |                          |         |         | 9.1E+03                |         | 9.1E+03 |                                 | 3.5E+00                      |                             |
| 2.1E-02                                    | C           | 6.0E-06                                   | C           | 5.0E-03                         | I           | 1.0E-04                                  | X           |                                      |              | Allyl Alcohol               | 107-18-6   |                          |         |         | 1.8E+02                |         | 1.8E+02 |                                 | 3.7E-02                      |                             |
|  |             |   |             |                                 |             | 1.0E-03                                  | I           | V                                    |              | Allyl Chloride              | 107-05-1   | 3.2E+00                  | 8.1E-01 | 6.5E-01 |                        | 2.1E+00 | 2.1E+00 |                                 | 2.1E-04                      |                             |
|  |             |   |             | 1.0E+00                         | P           | 5.0E-03                                  | P           |                                      |              | Aluminum                    | 7429-90-5  |                          |         |         | 3.7E+04                |         | 3.7E+04 |                                 | 5.5E+04                      |                             |
|  |             |   |             | 4.0E-04                         | I           |  |             |                                      |              | Aluminum Phosphide          | 20859-73-8 |                          |         |         | 1.5E+01                |         | 1.5E+01 |                                 |                              |                             |
|  |             |   |             | 3.0E-04                         | I           |  |             |                                      |              | Amdro                       | 67485-29-4 |                          |         |         | 1.1E+01                |         | 1.1E+01 |                                 | 3.9E+03                      |                             |
| 2.1E+01                                    | C           | 6.0E-03                                   | C           | 9.0E-03                         | I           |  |             |                                      |              | Ametryn                     | 834-12-8   |                          |         |         | 3.3E+02                |         | 3.3E+02 |                                 | 3.5E-01                      |                             |
|  |             |   |             | 8.0E-02                         | P           |  |             |                                      |              | Aminobiphenyl, 4-           | 92-67-1    | 3.2E-03                  |         | 3.2E-03 |                        |         |         |                                 | 1.6E-05                      |                             |
|  |             |   |             |                                 |             |  |             |                                      |              | Aminophenol, m-             | 591-27-5   |                          |         |         | 2.9E+03                |         | 2.9E+03 |                                 | 1.1E+00                      |                             |
|  |             |   |             | 2.0E-02                         | P           |  |             |                                      |              | Aminophenol, p-             | 123-30-8   |                          |         |         | 7.3E+02                |         | 7.3E+02 |                                 | 2.8E-01                      |                             |
|  |             |   |             | 2.5E-03                         | I           |  |             |                                      |              | Amitraz                     | 33089-61-1 |                          |         |         | 9.1E+01                |         | 9.1E+01 |                                 | 4.7E+01                      |                             |
|  |             |   |             |                                 |             | 1.0E-01                                  | I           |                                      |              | Ammonia                     | 7664-41-7  |                          |         |         |                        |         |         |                                 |                              |                             |
| 5.7E-03                                    | I           | 1.6E-06                                   | C           | 7.0E-04                         | I           |  |             |                                      |              | Ammonium Perchlorate        | 7790-98-9  |                          |         |         | 2.6E+01                |         | 2.6E+01 |                                 |                              |                             |
|  |             |   |             | 2.0E-01                         | I           |  |             |                                      |              | Ammonium Sulfamate          | 7773-06-0  |                          |         |         | 7.3E+03                |         | 7.3E+03 |                                 |                              |                             |
|  |             |   |             | 7.0E-03                         | P           | 1.0E-03                                  | I           |                                      |              | Aniline                     | 62-53-3    | 1.2E+01                  |         | 1.2E+01 | 2.6E+02                |         | 2.6E+02 |                                 | 4.0E-03                      |                             |
|  |             |   |             | 4.0E-04                         | I           |  |             |                                      |              | Antimony (metallic)         | 7440-36-0  |                          |         |         | 1.5E+01                |         | 1.5E+01 | 6.0E+00                         | 6.6E-01                      | 2.7E-01                     |
|  |             |   |             | 5.0E-04                         | H           |  |             |                                      |              | Antimony Pentoxide          | 1314-60-9  |                          |         |         | 1.8E+01                |         | 1.8E+01 |                                 |                              |                             |
|  |             |   |             | 9.0E-04                         | H           |  |             |                                      |              | Antimony Potassium Tartrate | 11071-15-1 |                          |         |         | 3.3E+01                |         | 3.3E+01 |                                 |                              |                             |
|  |             |   |             | 4.0E-04                         | H           |  |             |                                      |              | Antimony Tetroxide          | 1332-81-6  |                          |         |         | 1.5E+01                |         | 1.5E+01 |                                 |                              |                             |
|  |             |   |             |                                 |             | 2.0E-04                                  | I           |                                      |              | Antimony Trioxide           | 1309-64-4  |                          |         |         |                        |         |         |                                 |                              |                             |
|  |             |   |             | 1.3E-02                         | I           |  |             |                                      |              | Apollo                      | 74115-24-5 |                          |         |         | 4.7E+02                |         | 4.7E+02 |                                 | 2.9E+01                      |                             |
| 2.5E-02                                    | I           | 7.1E-06                                   | I           | 5.0E-02                         | H           |  |             |                                      |              | Aramite                     | 140-57-8   | 2.7E+00                  |         | 2.7E+00 | 1.8E+03                |         | 1.8E+03 |                                 | 3.0E-02                      |                             |
| 1.5E+00                                    | I           | 4.3E-03                                   | I           | 3.0E-04                         | I           | 1.5E-05                                  | C           |                                      |              | Arsenic, Inorganic          | 7440-38-2  | 4.5E-02                  |         | 4.5E-02 | 1.1E+01                |         | 1.1E+01 | 1.0E+01                         | 1.3E-03                      | 2.9E-01                     |
|  |             |   |             | 3.5E-06                         | C           | 5.0E-05                                  | I           |                                      |              | Arsine                      | 7784-42-1  |                          |         |         | 1.3E-01                |         | 1.3E-01 |                                 |                              |                             |
|  |             |   |             | 9.0E-03                         | I           |  |             |                                      |              | Assure                      | 76578-14-8 |                          |         |         | 3.3E+02                |         | 3.3E+02 |                                 | 5.1E+00                      |                             |
|  |             |   |             | 5.0E-02                         | I           |  |             |                                      |              | Asulam                      | 3337-71-1  |                          |         |         | 1.8E+03                |         | 1.8E+03 |                                 | 4.7E-01                      |                             |
| 2.3E-01                                    | C           |   |             | 3.5E-02                         | I           |  |             |                                      |              | Atrazine                    | 1912-24-9  | 2.9E-01                  |         | 2.9E-01 | 1.3E+03                |         | 1.3E+03 | 3.0E+00                         | 1.9E-04                      | 1.9E-03                     |
| 8.8E-01                                    | C           | 2.5E-04                                   | C           |                                 |             |  |             |                                      |              | Auramine                    | 492-80-8   | 7.6E-02                  |         | 7.6E-02 |                        |         |         |                                 | 7.0E-04                      |                             |
|  |             |   |             | 4.0E-04                         | I           |  |             |                                      |              | Avermectin B1               | 65195-55-3 |                          |         |         | 1.5E+01                |         | 1.5E+01 |                                 | 2.6E+01                      |                             |
| 1.1E-01                                    | I           | 3.1E-05                                   | I           |                                 |             |  |             | V                                    |              | Azobenzene                  | 103-33-3   | 6.1E-01                  | 1.6E-01 | 1.2E-01 |                        |         |         |                                 | 9.6E-04                      |                             |
|  |             |   |             | 2.0E-01                         | I           | 5.0E-04                                  | H           |                                      |              | Barium                      | 7440-39-3  |                          |         |         | 7.3E+03                |         | 7.3E+03 | 2.0E+03                         | 3.0E+02                      | 8.2E+01                     |
|  |             |   |             | 4.0E-03                         | I           |  |             |                                      |              | Baygon                      | 114-26-1   |                          |         |         | 1.5E+02                |         | 1.5E+02 |                                 | 4.7E-02                      |                             |

Regional Screening Level (RSL) Soil to Groundwater Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |   |             |                                 |             |  |             |                                      |              | Contaminant                       |            | Carcinogenic Target Risk |         |         | Noncancer Hazard Index |         |         | Protection of Ground Water SSLs |                              |                             |
|--|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------------------------------|--------------|-----------------------------------|------------|--------------------------|---------|---------|------------------------|---------|---------|---------------------------------|------------------------------|-----------------------------|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte                           | CAS No.    | ingc                     | inhc    | prgc    | ingn                   | inhn    | prgn    | MCL<br>(ug/L)                   | Risk-based<br>SSL<br>(mg/kg) | MCL-based<br>SSL<br>(mg/kg) |
|  |             |   |             | 3.0E-02                         | I           |  |             |                                      |              | Bayleton                          | 43121-43-3 |                          |         |         | 1.1E+03                | 1.1E+03 |         |                                 | 8.7E-01                      |                             |
|  |             |   |             | 2.5E-02                         | I           |  |             |                                      |              | Baythroid                         | 68359-37-5 |                          |         |         | 9.1E+02                | 9.1E+02 |         |                                 | 2.4E+02                      |                             |
|  |             |   |             | 3.0E-01                         | I           |  |             |                                      |              | Benefin                           | 1861-40-1  |                          |         |         | 1.1E+04                | 1.1E+04 |         |                                 | 3.6E+02                      |                             |
|  |             |   |             | 5.0E-02                         | I           |  |             |                                      |              | Benomyl                           | 17804-35-2 |                          |         |         | 1.8E+03                | 1.8E+03 |         |                                 | 1.6E+00                      |                             |
|  |             |   |             | 3.0E-02                         | I           |  |             |                                      |              | Bentazon                          | 25057-89-0 |                          |         |         | 1.1E+03                | 1.1E+03 |         |                                 | 2.4E-01                      |                             |
| 5.5E-02                                    | I           | 7.8E-06                                   | I           | 1.0E-01                         | I           |  |             |                                      | V            | Benzaldehyde                      | 100-52-7   |                          |         |         | 3.7E+03                | 3.7E+03 |         | 5.0E+00                         | 8.1E-01                      |                             |
|  |             |   |             | 4.0E-03                         | I           | 3.0E-02                                  | I           | V                                    |              | Benzene                           | 71-43-2    | 1.2E+00                  | 6.2E-01 | 4.1E-01 | 1.5E+02                | 6.3E+01 | 4.4E+01 |                                 | 2.1E-04                      | 2.6E-03                     |
|  |             |   |             | 1.0E-05                         | H           |  |             |                                      | V            | Benzenethiol                      | 108-98-5   |                          |         |         | 3.7E-01                | 3.7E-01 |         |                                 | 2.4E-04                      |                             |
| 2.3E+02                                    | I           | 6.7E-02                                   | I           | 3.0E-03                         | I           |  |             |                                      | M            | Benzidine                         | 92-87-5    | 9.4E-05                  |         | 9.4E-05 | 1.1E+02                | 1.1E+02 |         |                                 | 2.4E-07                      |                             |
|  |             |   |             | 4.0E+00                         | I           |  |             |                                      |              | Benzoic Acid                      | 65-85-0    |                          |         |         | 1.5E+05                | 1.5E+05 |         |                                 | 3.4E+01                      |                             |
| 1.3E+01                                    | I           |   |             |                                 |             |  |             |                                      | V            | Benzotrifluoride                  | 98-07-7    | 5.2E-03                  |         | 5.2E-03 |                        |         |         |                                 | 1.1E-05                      |                             |
| 1.7E-01                                    | I           | 4.9E-05                                   | C           | 1.0E-01                         | P           | 2.0E-03                                  | P           | 1.0E-03                              | P            | Benzyl Alcohol                    | 100-51-6   |                          |         |         | 3.7E+03                | 3.7E+03 |         |                                 | 8.9E-01                      |                             |
|  |             |   |             | 2.0E-03                         | P           | 1.0E-03                                  | P           | V                                    |              | Benzyl Chloride                   | 100-44-7   | 4.0E-01                  | 9.9E-02 | 7.9E-02 | 7.3E+01                | 2.1E+00 | 2.0E+00 |                                 | 8.7E-05                      |                             |
|  |             | 2.4E-03                                   | I           | 2.0E-03                         | I           | 2.0E-05                                  | I           |                                      |              | Beryllium and compounds           | 7440-41-7  |                          |         |         | 7.3E+01                | 7.3E+01 | 4.0E+00 |                                 | 5.8E+01                      | 3.2E+00                     |
|  |             |   |             | 1.0E-04                         | I           |  |             |                                      |              | Bidrin                            | 141-66-2   |                          |         |         | 3.7E+00                | 3.7E+00 |         |                                 | 8.5E-04                      |                             |
|  |             |   |             | 9.0E-03                         | P           |  |             |                                      |              | BifenoX                           | 42576-02-3 |                          |         |         | 3.3E+02                | 3.3E+02 |         |                                 | 2.5E+00                      |                             |
|  |             |   |             | 1.5E-02                         | I           |  |             |                                      |              | Biphenthrin                       | 82657-04-3 |                          |         |         | 5.5E+02                | 5.5E+02 |         |                                 | 2.5E+03                      |                             |
| 7.0E-02                                    | H           | 1.0E-05                                   | H           | 5.0E-02                         | I           |  |             |                                      | V            | Biphenyl, 1,1'-                   | 92-52-4    |                          |         |         | 1.8E+03                | 1.8E+03 |         |                                 | 1.9E+01                      |                             |
|  |             |   |             | 4.0E-02                         | I           |  |             |                                      | V            | Bis(2-chloro-1-methylethyl) ether | 108-60-1   | 9.6E-01                  | 4.9E-01 | 3.2E-01 | 1.5E+03                | 1.5E+03 |         |                                 | 1.2E-04                      |                             |
|  |             |   |             | 3.0E-03                         | P           |  |             |                                      | V            | Bis(2-chloroethoxy)methane        | 111-91-1   |                          |         |         | 1.1E+02                | 1.1E+02 |         |                                 | 2.5E-02                      |                             |
| 1.1E+00                                    | I           | 3.3E-04                                   | I           |                                 |             |  |             |                                      | V            | Bis(2-chloroethyl)ether           | 111-44-4   | 6.1E-02                  | 1.5E-02 | 1.2E-02 |                        |         |         |                                 | 3.1E-06                      |                             |
| 1.4E-02                                    | I           | 2.4E-06                                   | C           | 2.0E-02                         | I           |  |             |                                      |              | Bis(2-ethylhexyl)phthalate        | 117-81-7   | 4.8E+00                  |         | 4.8E+00 | 7.3E+02                | 7.3E+02 | 6.0E+00 |                                 | 1.1E+00                      | 1.4E+00                     |
| 2.2E+02                                    | I           | 6.2E-02                                   | I           |                                 |             |  |             |                                      | V            | Bis(chloromethyl)ether            | 542-88-1   | 3.1E-04                  | 7.8E-05 | 6.2E-05 |                        |         |         |                                 | 1.5E-08                      |                             |
|  |             |   |             | 5.0E-02                         | I           |  |             |                                      |              | Bisphenol A                       | 80-05-7    |                          |         |         | 1.8E+03                | 1.8E+03 |         |                                 | 1.4E+02                      |                             |
|  |             |   |             | 2.0E-01                         | I           | 2.0E-02                                  | H           |                                      |              | Boron And Borates Only            | 7440-42-8  |                          |         |         | 7.3E+03                | 7.3E+03 |         |                                 | 2.3E+01                      |                             |
|  |             |   |             | 4.0E-02                         | C           | 1.3E-02                                  | C           |                                      |              | Boron Trifluoride                 | 7637-07-2  |                          |         |         | 1.5E+03                | 1.5E+03 |         |                                 |                              |                             |
| 7.0E-01                                    | I           |   |             | 4.0E-03                         | I           |  |             |                                      | V            | Bromate                           | 15541-45-4 | 9.6E-02                  |         | 9.6E-02 | 1.5E+02                | 1.5E+02 |         | 1.0E+01                         | 7.4E-04                      | 7.7E-02                     |
| 2.0E+00                                    | X           | 6.0E-04                                   | X           |                                 |             |  |             |                                      | V            | Bromo-2-chloroethane, 1-          | 107-04-0   | 3.4E-02                  | 8.1E-03 | 6.5E-03 |                        |         |         |                                 | 1.8E-06                      |                             |
|  |             |   |             | 8.0E-03                         | I           | 6.0E-02                                  | I           | V                                    |              | Bromobenzene                      | 108-86-1   |                          |         |         | 2.9E+02                | 1.3E+02 | 8.8E+01 |                                 | 5.9E-02                      |                             |
| 6.2E-02                                    | I           | 3.7E-05                                   | C           | 2.0E-02                         | I           |  |             |                                      | V            | Bromodichloromethane              | 75-27-4    | 1.1E+00                  | 1.3E-01 | 1.2E-01 | 7.3E+02                | 7.3E+02 | 8.0E+01 |                                 | 3.2E-05                      | 2.2E-02                     |
| 7.9E-03                                    | I           | 1.1E-06                                   | I           | 2.0E-02                         | I           |  |             |                                      |              | Bromoform                         | 75-25-2    | 8.5E+00                  |         | 8.5E+00 | 7.3E+02                | 7.3E+02 | 8.0E+01 |                                 | 2.3E-03                      | 2.1E-02                     |
|  |             |   |             | 1.4E-03                         | I           | 5.0E-03                                  | I           | V                                    |              | Bromomethane                      | 74-83-9    |                          |         |         | 5.1E+01                | 1.0E+01 | 8.7E+00 |                                 | 2.2E-03                      |                             |
|  |             |   |             | 5.0E-03                         | H           |  |             |                                      |              | Bromophos                         | 2104-96-3  |                          |         |         | 1.8E+02                | 1.8E+02 |         |                                 | 7.7E-01                      |                             |
|  |             |   |             | 2.0E-02                         | I           |  |             |                                      |              | Bromoxynil                        | 1689-84-5  |                          |         |         | 7.3E+02                | 7.3E+02 |         |                                 | 6.3E-01                      |                             |
|  |             |   |             | 2.0E-02                         | I           |  |             |                                      | V            | Bromoxynil Octanoate              | 1689-99-2  |                          |         |         | 7.3E+02                | 7.3E+02 |         |                                 | 6.4E+00                      |                             |
| 3.4E+00                                    | C           | 3.0E-05                                   | I           |                                 |             | 2.0E-03                                  | I           | V                                    |              | Butadiene, 1,3-                   | 106-99-0   | 2.0E-02                  | 1.6E-01 | 1.8E-02 |                        | 4.2E+00 | 4.2E+00 |                                 | 9.7E-06                      |                             |
|  |             |   |             | 1.0E-01                         | I           |  |             |                                      |              | Butanol, N-                       | 71-36-3    |                          |         |         | 3.7E+03                | 3.7E+03 |         |                                 | 7.6E-01                      |                             |
| 1.9E-03                                    | P           |   |             | 2.0E-01                         | I           |  |             |                                      |              | Butyl Benzyl Phthlate             | 85-68-7    | 3.5E+01                  |         | 3.5E+01 | 7.3E+03                | 7.3E+03 |         |                                 | 5.1E-01                      |                             |
|  |             |   |             | 2.0E+00                         | P           | 3.0E+01                                  | P           |                                      |              | Butyl alcohol, sec-               | 78-92-2    |                          |         |         | 7.3E+04                | 7.3E+04 |         |                                 | 1.5E+01                      |                             |
|  |             |   |             | 5.0E-02                         | I           |  |             |                                      |              | Butylate                          | 2008-41-5  |                          |         |         | 1.8E+03                | 1.8E+03 |         |                                 | 1.8E+00                      |                             |
| 2.0E-04                                    | C           | 5.7E-08                                   | C           |                                 |             |  |             |                                      |              | Butylated hydroxyanisole          | 25013-16-5 | 3.4E+02                  |         | 3.4E+02 |                        |         |         |                                 | 6.3E-01                      |                             |
|  |             |   |             | 1.0E+00                         | I           |  |             |                                      |              | Butylphthalyl Butylglycolate      | 85-70-1    |                          |         |         | 3.7E+04                | 3.7E+04 |         |                                 | 8.3E+02                      |                             |
|  |             |   |             | 2.0E-02                         | A           |  |             |                                      |              | Cacodylic Acid                    | 75-60-5    |                          |         |         | 7.3E+02                | 7.3E+02 |         |                                 |                              |                             |
|  |             | 1.8E-03                                   | I           | 1.0E-03                         | I           | 1.0E-05                                  | A           |                                      |              | Cadmium (Diet)                    | 7440-43-9  |                          |         |         |                        |         |         |                                 |                              |                             |
|  |             | 1.8E-03                                   | I           | 5.0E-04                         | I           | 1.0E-05                                  | A           |                                      |              | Cadmium (Water)                   | 7440-43-9  |                          |         |         | 1.8E+01                | 1.8E+01 | 5.0E+00 |                                 | 1.4E+00                      | 3.8E-01                     |
|  |             |   |             | 5.0E-01                         | I           |  |             |                                      |              | Caprolactam                       | 105-60-2   |                          |         |         | 1.8E+04                | 1.8E+04 |         |                                 | 4.5E+00                      |                             |
| 1.5E-01                                    | C           | 4.3E-05                                   | C           | 2.0E-03                         | I           |  |             |                                      |              | Captafol                          | 2425-06-1  | 4.5E-01                  |         | 4.5E-01 | 7.3E+01                | 7.3E+01 |         |                                 | 7.9E-04                      |                             |
| 2.3E-03                                    | C           | 6.6E-07                                   | C           | 1.3E-01                         | I           |  |             |                                      |              | Captan                            | 133-06-2   | 2.9E+01                  |         | 2.9E+01 | 4.7E+03                | 4.7E+03 |         |                                 | 2.1E-02                      |                             |
|  |             |   |             | 1.0E-01                         | I           |  |             |                                      |              | Carbaryl                          | 63-25-2    |                          |         |         | 3.7E+03                | 3.7E+03 |         |                                 | 3.3E+00                      |                             |
|  |             |   |             | 5.0E-03                         | I           |  |             |                                      |              | Carbofuran                        | 1563-66-2  |                          |         |         | 1.8E+02                | 1.8E+02 | 4.0E+01 |                                 | 7.1E-02                      | 1.6E-02                     |

Regional Screening Level (RSL) Soil to Groundwater Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |   |             |                                 |             |  | Contaminant |  | Carcinogenic Target Risk |   |  | Noncancer Hazard Index |         |                    | Protection of Ground Water SSLs |                               |                               |                               |                               |                             |
|--|-------------|---|-------------|---------------------------------|-------------|--|-------------|--|--------------------------|---|--|------------------------|---------|--------------------|---------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-----------------------------|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>u<br>t<br>a<br>b<br>i<br>l<br>i<br>t<br>y | muta-<br>gen             | Analyte   | CAS No.                                | ingc                   | inhc    | prgc               | ingn                            | inhn                          | prgn                          | MCL<br>(ug/L)                 | Risk-based<br>SSL<br>(mg/kg)  | MCL-based<br>SSL<br>(mg/kg) |
| 7.0E-02                                    | I           | 6.0E-06                                   | I           | 1.0E-01<br>4.0E-03              | I           | 7.0E-01<br>1.0E-01                       | I           | V  |                          | Carbon Disulfide<br>Carbon Tetrachloride  | 75-15-0<br>56-23-5                     | 9.6E-01                | 8.1E-01 | 4.4E-01            | 3.7E+03<br>1.5E+02              | 1.5E+03<br>2.1E+02            | 1.0E+03<br>8.6E+01            | 5.0E+00                       | 3.1E-01<br>1.7E-04            | 1.9E-03                     |
|  |             |   |             | 1.0E-02<br>1.0E-01              | I           |  |             |  |                          | Carbosulfan<br>Carboxin<br>Ceric oxide  | 55285-14-8<br>5234-68-4<br>1306-38-3   |                        |         |                    | 3.7E+02<br>3.7E+03              | 3.7E+02<br>3.7E+03            |                               | 8.8E+00<br>2.0E+00            |                               |                             |
| 4.0E-01                                    | H           |   |             | 1.0E-01<br>1.5E-02              | I           |  |             |  |                          | Chloral Hydrate<br>Chloramben<br>Chloranil  | 302-17-0<br>133-90-4<br>118-75-2       | 1.7E-01                |         | 1.7E-01            | 3.7E+03<br>5.5E+02              | 3.7E+03<br>5.5E+02            |                               | 7.4E-01<br>1.3E-01<br>1.4E-04 |                               |                             |
| 3.5E-01<br>1.0E+01                         | I<br>I      | 1.0E-04<br>4.6E-03                        | I<br>C      | 5.0E-04<br>3.0E-04<br>7.0E-04   | I<br>I<br>A | 7.0E-04                                  | I           |  |                          | Chlordane<br>Chlordecone (Kepone)<br>Chlorfenvinphos                                | 12789-03-6<br>143-50-0<br>470-90-6     | 1.9E-01<br>6.7E-03     |         | 1.9E-01<br>6.7E-03 | 1.8E+01<br>1.1E+01<br>2.6E+01   | 1.8E+01<br>1.1E+01<br>2.6E+01 | 2.0E+00                       | 1.3E-02<br>2.4E-04<br>7.0E-02 | 1.4E-01                       |                             |
|  |             |   |             | 2.0E-02<br>1.0E-01<br>3.0E-02   | I<br>I<br>I |  |             |  |                          | Chlorimuron, Ethyl-<br>Chlorine<br>Chlorine Dioxide                                 | 90982-32-4<br>7782-50-5<br>10049-04-4  |                        |         |                    | 7.3E+02<br>3.7E+03<br>1.1E+03   | 7.3E+02<br>3.7E+03<br>1.1E+03 |                               | 2.5E-01<br>1.8E+00            |                               |                             |
|  |             |   |             | 3.0E-02                         | I           |  |             |  |                          | Chlorite (Sodium Salt)<br>Chloro-1,1-difluoroethane, 1-<br>Chloro-1,3-butadiene, 2- | 7758-19-2<br>75-68-3<br>126-99-8       |                        |         |                    | 1.1E+03<br>1.0E+05<br>7.3E+02   | 1.1E+03<br>1.0E+05<br>4.2E+01 | 1.0E+03<br>1.0E+05<br>3.9E+01 | 5.2E+01<br>8.5E-06            |                               |                             |
| 4.6E-01<br>2.7E-01                         | H<br>X      |   |             | 2.0E-03                         | H           |  |             |  |                          | Chloro-2-methylaniline HCl, 4-<br>Chloroacetaldehyde, 2-<br>Chloroacetic Acid       | 3165-93-3<br>107-20-0<br>79-11-8       | 1.5E-01<br>2.5E-01     |         | 1.5E-01<br>2.5E-01 |                                 |                               | 7.3E+01<br>7.3E+01            | 6.0E+01                       | 8.3E-05<br>5.0E-05<br>1.5E-02 | 1.2E-02                     |
| 2.0E-01                                    | P           |   |             | 4.0E-03<br>2.0E-02              | I<br>I      | 3.0E-05<br>5.0E-02                       | I           | P<br>V   |                          | Chloroacetophenone, 2-<br>Chloroaniline, p-<br>Chlorobenzene                        | 532-27-4<br>106-47-8<br>108-90-7       | 3.4E-01                |         | 3.4E-01            | 1.5E+02<br>7.3E+02              | 1.5E+02<br>1.0E+02            | 1.5E+02<br>9.1E+01            | 1.0E+02                       | 1.4E-04<br>6.2E-02            | 6.8E-02                     |
| 1.1E-01                                    | C           | 3.1E-05                                   | C           | 2.0E-02<br>3.0E-02<br>3.0E-03   | I<br>X<br>P |  |             |  |                          | Chlorobenzilate<br>Chlorobenzoic Acid, p-<br>Chlorobenzotrifluoride, 4-             | 510-15-6<br>74-11-3<br>98-56-6         | 6.1E-01                |         | 6.1E-01            | 7.3E+02<br>1.1E+03<br>1.1E+02   | 7.3E+02<br>1.1E+03<br>6.3E+02 | 9.3E+01                       | 2.0E-03<br>2.8E-01<br>3.3E-01 |                               |                             |
| 3.1E-02                                    | C           | 2.3E-05                                   | I           | 4.0E-02<br>1.0E-02              | P<br>I      | 5.0E+01<br>9.8E-02                       | I<br>A      | V<br>V   |                          | Chlorobutane, 1-<br>Chlorodifluoromethane<br>Chloroform                             | 109-69-3<br>75-45-6<br>67-66-3         | 2.2E+00                | 2.1E-01 | 1.9E-01            | 3.7E+02<br>1.5E+03              | 2.0E+02<br>1.0E+05            | 1.3E+02<br>1.0E+05            | 8.0E+01                       | 5.9E-01<br>4.3E+01<br>5.3E-05 | 2.2E-02                     |
| 2.4E+00                                    | C           | 6.9E-04                                   | C           | 8.0E-02                         | I           | 9.0E-02                                  | I           | V  |                          | Chloromethane<br>Chloromethyl Methyl Ether<br>Chloronaphthalene, Beta-              | 74-87-3<br>107-30-2<br>91-58-7         | 2.8E-02                | 7.1E-03 | 5.6E-03            |                                 | 1.9E+02<br>2.9E+03            | 1.9E+02<br>2.9E+03            |                               | 4.9E-02<br>1.2E-06<br>1.5E+01 |                             |
| 3.0E-01<br>6.3E-03                         | P<br>P      |   |             | 3.0E-03<br>1.0E-03<br>5.0E-03   | P<br>P<br>I | 1.0E-05<br>6.0E-04                       | X<br>P      |  |                          | Chloronitrobenzene, o-<br>Chloronitrobenzene, p-<br>Chlorophenol, 2-                | 88-73-3<br>100-00-5<br>95-57-8         | 2.2E-01<br>1.1E+01     |         | 2.2E-01<br>1.1E+01 | 1.1E+02<br>3.7E+01<br>1.8E+02   | 1.1E+02<br>3.7E+01<br>1.8E+02 |                               | 2.1E-04<br>9.9E-03<br>1.5E-01 |                               |                             |
| 3.1E-03                                    | C           | 8.9E-07                                   | C           | 1.5E-02<br>2.0E-02              | I<br>I      | 4.0E-04                                  | C           | V  |                          | Chloropicrin<br>Chlorothalonil<br>Chlorotoluene, o-                                 | 76-06-2<br>1897-45-6<br>95-49-8        | 2.2E+01                |         | 2.2E+01            | 5.5E+02<br>7.3E+02              | 5.5E+02<br>7.3E+02            | 8.3E-01<br>8.3E-01            | 2.5E-04<br>4.9E-02<br>7.1E-01 |                               |                             |
| 2.4E+02                                    | C           | 6.9E-02                                   | C           | 7.0E-02<br>2.0E-01              | P<br>I      |  |             | V  |                          | Chlorotoluene, p-<br>Chlorozotocin<br>Chlorpropham                                  | 106-43-4<br>54749-90-5<br>101-21-3     | 2.8E-04                |         | 2.8E-04            | 2.6E+03<br>7.3E+03              | 2.6E+03<br>7.3E+03            |                               | 2.5E+00<br>6.2E-08<br>6.6E+00 |                               |                             |
|  |             |   |             | 3.0E-03<br>1.0E-02<br>5.0E-02   | I<br>H<br>I |  |             |  |                          | Chlorpyrifos<br>Chlorpyrifos Methyl<br>Chlorsulfuron                                | 2921-88-2<br>5598-13-0<br>64902-72-3   |                        |         |                    | 1.1E+02<br>3.7E+02<br>1.8E+03   | 1.1E+02<br>3.7E+02<br>1.8E+03 |                               | 1.6E+00<br>1.7E+00<br>1.5E+00 |                               |                             |
| 5.0E-01                                    | J           | 8.4E-02                                   | S           | 8.0E-04<br>1.5E+00<br>3.0E-03   | H<br>I<br>I |  |             |  | M                        | Chlorthiophos<br>Chromium(III), Insoluble Salts<br>Chromium(VI)                     | 60238-56-4<br>16065-83-1<br>18540-29-9 | 4.3E-02                |         | 4.3E-02            | 2.9E+01<br>5.5E+04<br>1.1E+02   | 2.9E+01<br>5.5E+04<br>1.1E+02 |                               | 7.5E-01<br>9.9E+07<br>8.3E-04 |                               |                             |
|  |             | 9.0E-03<br>6.2E-04                        | P<br>I      | 3.0E-04                         | P           | 6.0E-06                                  | P           |  | M                        | Chromium, Total<br>Cobalt<br>Coke Oven Emissions                                    | 7440-47-3<br>7440-48-4<br>8007-45-2    |                        |         |                    | 1.1E+01<br>1.1E+01              |                               | 1.0E+02                       | 4.9E-01                       | 1.8E+05                       |                             |

Regional Screening Level (RSL) Soil to Groundwater Supporting Table November 2010

| Toxicity and Chemical-specific Information |             |   |             |                                 |             |  |             |                                      |                                 | Contaminant   |            | Carcinogenic Target Risk |         |         | Noncancer Hazard Index |         |         | Protection of Ground Water SSLs |                              |                             |
|--|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------------------------------|---------------------------------|---|------------|--------------------------|---------|---------|------------------------|---------|---------|---------------------------------|------------------------------|-----------------------------|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | m<br>u<br>t<br>a<br>g<br>e<br>n | Analyte   | CAS No.    | ingc                     | inhc    | prgc    | ingn                   | inhn    | prgn    | MCL<br>(ug/L)                   | Risk-based<br>SSL<br>(mg/kg) | MCL-based<br>SSL<br>(mg/kg) |
|  |             |   |             | 4.0E-02                         | H           |  |             |                                      |                                 | Copper  | 7440-50-8  |                          |         |         | 1.5E+03                | 1.5E+03 | 1.3E+03 | 5.1E+01                         | 4.6E+01                      |                             |
|  |             |   |             | 5.0E-02                         | I           | 6.0E-01                                  | C           |                                      |                                 | Cresol, m-  | 108-39-4   |                          |         |         | 1.8E+03                | 1.8E+03 |         | 1.5E+00                         |                              |                             |
|  |             |   |             | 5.0E-02                         | I           | 6.0E-01                                  | C           |                                      |                                 | Cresol, o-  | 95-48-7    |                          |         |         | 1.8E+03                | 1.8E+03 |         | 1.5E+00                         |                              |                             |
|  |             |   |             | 5.0E-03                         | H           | 6.0E-01                                  | C           |                                      |                                 | Cresol, p-  | 106-44-5   |                          |         |         | 1.8E+02                | 1.8E+02 |         | 1.5E-01                         |                              |                             |
|  |             |   |             | 1.0E-01                         | X           |  |             |                                      |                                 | Cresol, p-chloro-m-   | 59-50-7    |                          |         |         | 3.7E+03                | 3.7E+03 |         | 4.3E+00                         |                              |                             |
|  |             |   |             | 1.0E-01                         | A           | 6.0E-01                                  | C           | V                                    |                                 | Cresols   | 1319-77-3  |                          |         |         | 3.7E+03                | 1.3E+03 | 9.3E+02 | 7.6E-01                         |                              |                             |
| 1.9E+00                                    | H           |   |             | 1.0E-01                         | I           | 4.0E-01                                  | I           | V                                    |                                 | Crotonaldehyde, trans-                                      | 123-73-9   | 3.5E-02                  |         | 3.5E-02 |                        |         |         |                                 | 7.2E-06                      |                             |
|  |             |   |             |                                 |             |  |             |                                      |                                 | Cumene  | 98-82-8    |                          |         |         | 3.7E+03                | 8.3E+02 | 6.8E+02 | 1.1E+00                         |                              |                             |
| 2.2E-01                                    | C           | 6.3E-05                                   | C           |                                 |             |  |             |                                      |                                 | Cupferron   | 135-20-6   | 3.1E-01                  |         | 3.1E-01 |                        |         |         | 5.3E-04                         |                              |                             |
| 8.4E-01                                    | H           |   |             | 2.0E-03                         | H           |  |             |                                      |                                 | Cyanazine   | 21725-46-2 | 8.0E-02                  |         | 8.0E-02 | 7.3E+01                | 7.3E+01 |         | 3.7E-05                         |                              |                             |
|  |             |   |             | 4.0E-02                         | I           |  |             |                                      |                                 | ~Calcium Cyanide  | 592-01-8   |                          |         |         | 1.5E+03                | 1.5E+03 |         |                                 |                              |                             |
|  |             |   |             | 5.0E-03                         | I           |  |             |                                      |                                 | ~Copper Cyanide   | 544-92-3   |                          |         |         | 1.8E+02                | 1.8E+02 |         |                                 |                              |                             |
|  |             |   |             | 2.0E-02                         | I           |  |             | V                                    |                                 | ~Cyanide (CN-)  | 57-12-5    |                          |         |         | 7.3E+02                | 7.3E+02 | 2.0E+02 | 7.4E+00                         | 2.0E+00                      |                             |
|  |             |   |             | 4.0E-02                         | I           |  |             | V                                    |                                 | ~Cyanogen   | 460-19-5   |                          |         |         | 1.5E+03                | 1.5E+03 |         | 3.3E-01                         |                              |                             |
|  |             |   |             | 9.0E-02                         | I           |  |             | V                                    |                                 | ~Cyanogen Bromide   | 506-68-3   |                          |         |         | 3.3E+03                | 3.3E+03 |         | 9.8E-01                         |                              |                             |
|  |             |   |             | 5.0E-02                         | I           |  |             | V                                    |                                 | ~Cyanogen Chloride  | 506-77-4   |                          |         |         | 1.8E+03                | 1.8E+03 |         | 3.9E-01                         |                              |                             |
|  |             |   |             | 6.0E-04                         | I           | 8.0E-04                                  | I           | V                                    |                                 | ~Hydrogen Cyanide   | 74-90-8    |                          |         |         | 2.2E+01                | 1.7E+00 | 1.6E+00 | 3.2E-04                         |                              |                             |
|  |             |   |             | 5.0E-02                         | I           |  |             |                                      |                                 | ~Potassium Cyanide  | 151-50-8   |                          |         |         | 1.8E+03                | 1.8E+03 |         |                                 |                              |                             |
|  |             |   |             | 2.0E-01                         | I           |  |             |                                      |                                 | ~Potassium Silver Cyanide                                   | 506-61-6   |                          |         |         | 7.3E+03                | 7.3E+03 |         |                                 |                              |                             |
|  |             |   |             | 1.0E-01                         | I           |  |             |                                      |                                 | ~Silver Cyanide   | 506-64-9   |                          |         |         | 3.7E+03                | 3.7E+03 |         |                                 |                              |                             |
|  |             |   |             | 4.0E-02                         | I           |  |             |                                      |                                 | ~Sodium Cyanide   | 143-33-9   |                          |         |         | 1.5E+03                | 1.5E+03 | 2.0E+02 | 1.5E-03                         |                              |                             |
|  |             |   |             | 2.0E-04                         | P           |  |             | V                                    |                                 | ~Thiocyanate  | 463-56-9   |                          |         |         | 7.3E+00                | 7.3E+00 |         |                                 |                              |                             |
|  |             |   |             | 5.0E-02                         | I           |  |             |                                      |                                 | ~Zinc Cyanide   | 557-21-1   |                          |         |         | 1.8E+03                | 1.8E+03 |         |                                 |                              |                             |
|  |             |   |             | 6.0E+00                         | I           | V  |             |                                      |                                 | Cyclohexane   | 110-82-7   |                          |         |         | 1.3E+04                | 1.3E+04 |         | 1.3E+01                         |                              |                             |
| 2.3E-02                                    | H           |   |             | 5.0E+00                         | I           |  |             |                                      |                                 | Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-                 | 87-84-3    | 2.9E+00                  |         | 2.9E+00 |                        |         |         | 1.7E-02                         |                              |                             |
|  |             |   |             |                                 |             |  |             |                                      |                                 | Cyclohexanone   | 108-94-1   |                          |         |         | 1.8E+05                | 1.8E+05 |         | 4.3E+01                         |                              |                             |
|  |             |   |             | 2.0E-01                         | I           |  |             |                                      |                                 | Cyclohexylamine   | 108-91-8   |                          |         |         | 7.3E+03                | 7.3E+03 |         | 1.9E+00                         |                              |                             |
|  |             |   |             | 5.0E-03                         | I           |  |             |                                      |                                 | Cyhalothrin/karate  | 68085-85-8 |                          |         |         | 1.8E+02                | 1.8E+02 |         | 1.2E+02                         |                              |                             |
|  |             |   |             | 1.0E-02                         | I           |  |             |                                      |                                 | Cypermethrin  | 52315-07-8 |                          |         |         | 3.7E+02                | 3.7E+02 |         | 5.8E+01                         |                              |                             |
|  |             |   |             | 7.5E-03                         | I           |  |             |                                      |                                 | Cyromazine  | 66215-27-8 |                          |         |         | 2.7E+02                | 2.7E+02 |         | 7.0E-02                         |                              |                             |
| 2.4E-01                                    | I           | 6.9E-05                                   | C           |                                 |             |  |             |                                      |                                 | DDD   | 72-54-8    | 2.8E-01                  |         | 2.8E-01 |                        |         |         | 6.6E-02                         |                              |                             |
| 3.4E-01                                    | I           | 9.7E-05                                   | C           |                                 |             |  |             |                                      |                                 | DDE, p,p'-  | 72-55-9    | 2.0E-01                  |         | 2.0E-01 |                        |         |         | 4.7E-02                         |                              |                             |
| 3.4E-01                                    | I           | 9.7E-05                                   | I           | 5.0E-04                         | I           |  |             |                                      |                                 | DDT   | 50-29-3    | 2.0E-01                  |         | 2.0E-01 | 1.8E+01                | 1.8E+01 |         | 6.7E-02                         |                              |                             |
|  |             |   |             | 1.0E-02                         | I           |  |             |                                      |                                 | Dacthal   | 1861-32-1  |                          |         |         | 3.7E+02                | 3.7E+02 |         | 4.5E-01                         |                              |                             |
|  |             |   |             | 3.0E-02                         | I           |  |             |                                      |                                 | Dalapon   | 75-99-0    |                          |         |         | 1.1E+03                | 1.1E+03 | 2.0E+02 | 2.3E-01                         | 4.1E-02                      |                             |
| 7.0E-04                                    | I           |   |             | 7.0E-03                         | I           |  |             |                                      |                                 | Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'-(BDE-209) | 1163-19-5  | 9.6E+01                  |         | 9.6E+01 | 2.6E+02                | 2.6E+02 |         | 5.3E+01                         |                              |                             |
|  |             |   |             | 4.0E-05                         | I           |  |             |                                      |                                 | Demeton   | 8065-48-3  |                          |         |         | 1.5E+00                | 1.5E+00 |         |                                 |                              |                             |
| 1.2E-03                                    | I           |   |             | 6.0E-01                         | I           |  |             |                                      |                                 | Di(2-ethylhexyl)adipate                                     | 103-23-1   | 5.6E+01                  |         | 5.6E+01 | 2.2E+04                | 2.2E+04 | 4.0E+02 | 4.0E+00                         | 2.9E+01                      |                             |
| 6.1E-02                                    | H           |   |             | 7.0E-04                         | A           |  |             |                                      |                                 | Diallate  | 2303-16-4  | 1.1E+00                  |         | 1.1E+00 |                        |         |         | 1.6E-03                         |                              |                             |
|  |             |   |             | 2.0E-04                         | P           | 2.0E-04                                  | I           | V                                    | M                               | Diazinon  | 333-41-5   |                          |         |         | 2.6E+01                | 2.6E+01 |         | 1.6E-01                         |                              |                             |
| 8.0E-01                                    | P           | 6.0E-03                                   | P           |                                 |             |  |             |                                      |                                 | Dibromo-3-chloropropane, 1,2-                               | 96-12-8    | 2.7E-02                  | 3.2E-04 | 3.2E-04 | 7.3E+00                | 4.2E-01 | 3.9E-01 | 2.0E-01                         | 1.4E-07                      | 8.6E-05                     |
|  |             |   |             | 1.0E-02                         | I           |  |             |                                      |                                 | Dibromobenzene, 1,4-  | 106-37-6   |                          |         |         | 3.7E+02                | 3.7E+02 |         | 3.5E-01                         |                              |                             |
| 8.4E-02                                    | I           | 2.7E-05                                   | C           | 2.0E-02                         | I           |  |             | V                                    |                                 | Dibromochloromethane  | 124-48-1   | 8.0E-01                  | 1.8E-01 | 1.5E-01 | 7.3E+02                | 7.3E+02 | 8.0E+01 | 3.9E-05                         | 2.1E-02                      |                             |
| 2.0E+00                                    | I           | 6.0E-04                                   | I           | 9.0E-03                         | I           | 9.0E-03                                  | I           | V                                    |                                 | Dibromoethane, 1,2-   | 106-93-4   | 3.4E-02                  | 8.1E-03 | 6.5E-03 | 3.3E+02                | 1.9E+01 | 1.8E+01 | 5.0E-02                         | 1.8E-06                      | 1.4E-05                     |
|  |             |   |             | 1.0E-02                         | H           | 4.0E-03                                  | X           | V                                    |                                 | Dibromomethane (Methylene Bromide)                          | 74-95-3    |                          |         |         | 3.7E+02                | 8.3E+00 | 8.2E+00 | 2.0E-03                         |                              |                             |
|  |             |   |             | 1.0E-01                         | I           |  |             |                                      |                                 | Dibutyl Phthalate   | 84-74-2    |                          |         |         | 3.7E+03                | 3.7E+03 |         | 9.2E+00                         |                              |                             |
|  |             |   |             | 3.0E-04                         | P           |  |             |                                      |                                 | Dibutyltin Compounds  | NA         |                          |         |         | 1.1E+01                | 1.1E+01 |         |                                 |                              |                             |
|  |             |   |             | 3.0E-02                         | I           |  |             |                                      |                                 | Dicamba   | 1918-00-9  |                          |         |         | 1.1E+03                | 1.1E+03 |         | 2.8E-01                         |                              |                             |
| 4.2E-03                                    | P           |   |             |                                 |             |  |             | V                                    |                                 | Dichloro-2-butene, 1,4-                                     | 764-41-0   |                          | 1.2E-03 | 1.2E-03 |                        |         |         | 5.4E-07                         |                              |                             |



Regional Screening Level (RSL) Soil to Groundwater Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |   |             |                                 |             |  | Contaminant |  | Carcinogenic Target Risk |  |                                     | Noncancer Hazard Index        |                    |                    | Protection of Ground Water SSLs |                               |                               |                               |                               |                             |  |
|--|-------------|---|-------------|---------------------------------|-------------|--|-------------|--|--------------------------|--|-------------------------------------|-------------------------------|--------------------|--------------------|---------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-----------------------------|--|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>u<br>t<br>a<br>b<br>i<br>l<br>i<br>t<br>y | muta-<br>gen             | Analyte  | CAS No.                             | ingc                          | inhc               | prgc               | ingn                            | inhn                          | prgn                          | MCL<br>(ug/L)                 | Risk-based<br>SSL<br>(mg/kg)  | MCL-based<br>SSL<br>(mg/kg) |  |
|  |             | 4.2E-03                                   | P           |                                 |             |  |             |  | V                        | Dichloro-2-butene, cis-1,4-  | 1476-11-5                           |                               | 1.2E-03            | 1.2E-03            |                                 |                               |                               |                               |                               | 5.4E-07                     |  |
| 5.0E-02                                    | I           | 4.2E-03                                   | P           | 4.0E-03<br>9.0E-02              | I           | 2.0E-01                                  | H           | V  |                          | Dichloro-2-butene, trans-1,4-<br>Dichloroacetic Acid<br>Dichlorobenzene, 1,2-                  | 110-57-6<br>79-43-6<br>95-50-1      | 1.3E+00                       |                    | 1.3E+00            | 1.5E+02<br>3.3E+03              | 1.5E+02<br>4.2E+02            | 3.7E+02                       | 6.0E+01<br>6.0E+02            | 5.4E-07<br>2.8E-04<br>3.6E-01 | 1.2E-02<br>5.8E-01          |  |
| 5.4E-03<br>4.5E-01                         | C<br>I      | 1.1E-05<br>3.4E-04                        | C           | 7.0E-02<br>9.0E-03              | A<br>X      | 8.0E-01                                  | I           | V  |                          | Dichlorobenzene, 1,4-<br>Dichlorobenzidine, 3,3'-<br>Dichlorobenzophenone, 4,4'-               | 106-46-7<br>91-94-1<br>90-98-2      | 1.2E+01<br>1.5E-01            | 4.4E-01            | 4.3E-01<br>1.5E-01 | 2.6E+03<br>1.7E+03              | 1.0E+03                       | 7.5E+01                       | 7.5E+01                       | 4.1E-04<br>9.8E-04<br>2.0E+00 | 7.2E-02                     |  |
| 5.7E-03<br>9.1E-02                         | C<br>I      | 1.6E-06<br>2.6E-05                        | C<br>I      | 2.0E-01<br>2.0E-02              | P<br>A      | 2.0E-01                                  | H<br>A      | V  |                          | Dichlorodifluoromethane<br>Dichloroethane, 1,1-<br>Dichloroethane, 1,2-                        | 75-71-8<br>75-34-3<br>107-06-2      | 1.2E+01<br>7.4E-01            | 3.0E+00<br>1.9E-01 | 2.4E+00<br>1.5E-01 | 7.3E+03<br>7.3E+02              | 5.1E+03<br>6.4E+02            | 3.9E+02<br>6.4E+02            | 5.0E+00                       | 6.1E-01<br>6.9E-04<br>4.2E-05 | 1.4E-03                     |  |
|  |             |   |             | 5.0E-02<br>9.0E-03<br>2.0E-03   | I<br>H<br>I | 2.0E-01                                  | I<br>V<br>V |  |                          | Dichloroethylene, 1,1-<br>Dichloroethylene, 1,2- (Mixed Isomers)<br>Dichloroethylene, 1,2-cis- | 75-35-4<br>540-59-0<br>156-59-2     |                               |                    |                    | 1.8E+03<br>3.3E+02<br>7.3E+01   | 4.2E+02<br>3.4E+02<br>7.3E+01 | 3.4E+02<br>3.3E+02<br>7.3E+01 | 7.0E+00<br>7.0E+01            | 1.2E-01<br>9.7E-02<br>2.1E-02 | 2.5E-03                     |  |
|  |             |   |             | 2.0E-02<br>3.0E-03<br>1.0E-02   | I<br>I<br>I | 6.0E-02                                  | P<br>V      |  |                          | Dichloroethylene, 1,2-trans-<br>Dichlorophenol, 2,4-<br>Dichlorophenoxy Acetic Acid, 2,4-      | 156-60-5<br>120-83-2<br>94-75-7     |                               |                    |                    | 7.3E+02<br>1.1E+02<br>3.7E+02   | 1.3E+02<br>1.1E+02<br>3.7E+02 | 1.1E+02<br>3.3E+02<br>7.0E+01 | 1.0E+02<br>7.0E+01            | 3.1E-02<br>1.3E-01<br>9.5E-02 | 2.9E-02<br>1.8E-02          |  |
| 3.6E-02                                    | C           | 1.0E-05                                   | C           | 8.0E-03<br>9.0E-02<br>2.0E-02   | I<br>A<br>P | 4.0E-03                                  | I<br>V      |  |                          | Dichlorophenoxybutyric Acid, 4-(2,4-<br>Dichloropropane, 1,2-<br>Dichloropropane, 1,3-         | 94-82-6<br>78-87-5<br>142-28-9      | 1.9E+00                       | 4.9E-01            | 3.9E-01            | 2.9E+02<br>3.3E+03<br>7.3E+02   | 2.9E+02<br>8.3E+00<br>7.3E+02 | 2.9E+02<br>8.3E+00<br>7.3E+02 | 5.0E+00                       | 1.2E-01<br>1.3E-04<br>2.5E-01 | 1.7E-03                     |  |
| 1.0E-01<br>2.9E-01                         | I<br>I      | 4.0E-06<br>8.3E-05                        | I<br>C      | 3.0E-03<br>3.0E-02<br>5.0E-04   | I<br>I<br>I | 2.0E-02                                  | I<br>V      |  |                          | Dichloropropanol, 2,3-<br>Dichloropropene, 1,3-<br>Dichlorvos                                  | 616-23-9<br>542-75-6<br>62-73-7     | 6.7E-01<br>2.3E-01            | 1.2E+00            | 4.3E-01            | 1.1E+03<br>4.2E+01<br>1.8E+01   | 4.0E+01<br>1.8E+01            | 1.1E+02<br>1.8E+01            | 1.1E+02<br>1.8E+01            | 2.3E-02<br>1.5E-04<br>7.1E-05 |                             |  |
| 1.6E+01                                    | I           | 4.6E-03<br>3.0E-04                        | I<br>C      | 8.0E-03<br>5.0E-05              | P<br>I      | 7.0E-03                                  | P<br>V      |  |                          | Dicyclopentadiene<br>Dieldrin<br>Diesel Engine Exhaust   | 77-73-6<br>60-57-1<br>NA            | 4.2E-03                       |                    | 4.2E-03            | 2.9E+02<br>1.5E+01              | 1.4E+01                       | 1.8E+00                       | 1.8E+00                       | 4.8E-02<br>1.7E-04            |                             |  |
|  |             |   |             | 3.0E-03                         | C           |  |             |  |                          | Diethanolamine   | 111-42-2                            |                               |                    |                    |                                 |                               |                               |                               | 1.2E+01                       |                             |  |
|  |             |   |             | 8.0E-01<br>3.0E-02              | I<br>P      | 1.0E-04                                  | P           |  |                          | Diethyl Phthalate<br>Diethylene Glycol Monobutyl Ether   | 84-66-2<br>112-34-5                 |                               |                    |                    | 2.9E+04<br>1.1E+03              | 2.9E+04<br>1.1E+03            |                               |                               | 2.4E-01                       |                             |  |
| 3.5E+02                                    | C           | 1.0E-01                                   | C           | 6.0E-02<br>1.0E-03              | P<br>P      | 3.0E-04                                  | P           |  |                          | Diethylene Glycol Monoethyl Ether<br>Diethylformamide<br>Diethylstilbestrol                    | 111-90-0<br>617-84-5<br>56-53-1     | 1.9E-04                       |                    | 1.9E-04            | 2.2E+03<br>3.7E+01              | 2.2E+03<br>3.7E+01            |                               |                               | 4.4E-01<br>7.5E-03<br>1.1E-04 |                             |  |
|  |             |   |             | 8.0E-02<br>2.0E-02              | I<br>I      | 4.0E+01                                  | I<br>V      |  |                          | Difenzoquat<br>Diflubenzuron<br>Difluoroethane, 1,1-   | 43222-48-6<br>35367-38-5<br>75-37-6 |                               |                    |                    | 2.9E+03<br>7.3E+02              | 2.9E+03<br>7.3E+02            | 8.3E+04<br>8.3E+04            |                               | 8.2E-01<br>2.8E+01            |                             |  |
| 4.4E-02                                    | C           | 1.3E-05                                   | C           |                                 |             | 4.0E-01                                  | P<br>V      |  |                          | Dihydrosafrole<br>Diisopropyl Ether<br>Diisopropyl Methylphosphonate                           | 94-58-6<br>108-20-3<br>1445-75-6    | 1.5E+00                       |                    | 1.5E+00            |                                 | 8.3E+02<br>8.3E+02            | 8.3E+02                       |                               | 1.9E-03<br>2.1E-01<br>8.3E-01 |                             |  |
| 1.4E-02                                    | H           |   |             | 2.0E-02<br>2.0E-04              | I<br>I      |  |             |  |                          | Dimethipin<br>Dimethoate<br>Dimethoxybenzidine, 3,3'-  | 55290-64-7<br>60-51-5<br>119-90-4   | 4.8E+00                       |                    | 4.8E+00            | 7.3E+02<br>7.3E+00              | 7.3E+02<br>7.3E+00            |                               |                               | 1.6E-01<br>1.6E-03<br>5.8E-03 |                             |  |
| 1.7E-03<br>4.6E+00<br>5.8E-01              | P<br>C<br>H | 1.3E-03                                   | C           | 6.0E-02                         | P           |  |             |  |                          | Dimethyl methylphosphonate<br>Dimethylamino azobenzene [p-]<br>Dimethylaniline HCl, 2,4-       | 756-79-6<br>60-11-7<br>21436-96-4   | 4.0E+01<br>1.5E-02<br>1.2E-01 | 4.0E+01<br>1.5E-02 | 2.2E+03<br>1.2E-01 | 2.2E+03                         |                               |                               |                               | 8.3E-03<br>6.2E-05<br>6.6E-05 |                             |  |
| 7.5E-01<br>1.1E+01                         | H<br>P      |   |             | 2.0E-03                         | I           |  | V           |  |                          | Dimethylaniline, 2,4-<br>Dimethylaniline, N,N-<br>Dimethylbenzidine, 3,3'-                     | 95-68-1<br>121-69-7<br>119-93-7     | 9.0E-02<br>6.1E-03            | 9.0E-02            |                    | 7.3E+01<br>7.3E+01              | 7.3E+01                       |                               | 5.1E-05<br>2.6E-02<br>4.0E-05 |                               |                             |  |
| 5.5E+02                                    | C           | 1.6E-01                                   | C           | 1.0E-01<br>1.0E-04              | P<br>X      | 3.0E-02                                  | I<br>X      |  |                          | Dimethylformamide<br>Dimethylhydrazine, 1,1-<br>Dimethylhydrazine, 1,2-                        | 68-12-2<br>57-14-7<br>540-73-8      | 1.2E-04                       |                    | 1.2E-04            | 3.7E+03<br>3.7E+00              | 3.7E+03<br>3.7E+00            |                               |                               | 7.4E-01<br>8.2E-04<br>2.8E-08 |                             |  |
|  |             |   |             | 2.0E-02                         | I           |  |             |  |                          | Dimethylphenol, 2,4-   | 105-67-9                            |                               |                    |                    | 7.3E+02                         | 7.3E+02                       |                               |                               | 8.6E-01                       |                             |  |

Regional Screening Level (RSL) Soil to Groundwater Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |   |             |                                 |             |  |             | Contaminant                               |   | Carcinogenic Target Risk            |                    |         | Noncancer Hazard Index |                               |                               | Protection of Ground Water SSLs |               |                               |                             |
|--|-------------|---|-------------|---------------------------------|-------------|--|-------------|---|---|-------------------------------------|--------------------|---------|------------------------|-------------------------------|-------------------------------|---------------------------------|---------------|-------------------------------|-----------------------------|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>u<br>t<br>a<br>g<br>e<br>n | Analyte   | CAS No.                             | ingc               | inhc    | prgc                   | ingn                          | inhn                          | prgn                            | MCL<br>(ug/L) | Risk-based<br>SSL<br>(mg/kg)  | MCL-based<br>SSL<br>(mg/kg) |
|  |             |   |             | 6.0E-04<br>1.0E-03              | I<br>I      |  |             |   | Dimethylphenol, 2,6-<br>Dimethylphenol, 3,4-                                      | 576-26-1<br>95-65-8                 |                    |         |                        | 2.2E+01<br>3.7E+01            | 2.2E+01<br>3.7E+01            |                                 |               | 2.6E-02<br>4.3E-02            |                             |
| 4.5E-02                                    | C           | 1.3E-05                                   | C           | 1.0E-01<br>8.0E-05              | I<br>X      |  |             | V   | Dimethylterephthalate<br>Dimethylvinylchloride<br>Dinitro-o-cresol, 4,6-          | 120-61-6<br>513-37-1<br>534-52-1    | 1.5E+00            |         | 1.5E+00                | 3.7E+03<br>3.7E+03<br>2.9E+00 | 3.7E+03<br>3.7E+03<br>2.9E+00 |                                 |               | 9.6E-01<br>9.2E-04<br>5.0E-03 |                             |
|  |             |   |             | 2.0E-03<br>1.0E-04<br>1.0E-04   | I<br>P<br>I |  |             |   | Dinitro-o-cyclohexyl Phenol, 4,6-<br>Dinitrobenzene, 1,2-<br>Dinitrobenzene, 1,3- | 131-89-5<br>528-29-0<br>99-65-0     |                    |         |                        | 7.3E+01<br>3.7E+00<br>3.7E+00 | 7.3E+01<br>3.7E+00<br>3.7E+00 |                                 |               | 2.4E+00<br>3.3E-03<br>3.3E-03 |                             |
| 6.8E-01                                    | I           |   |             | 1.0E-04<br>2.0E-03              | P<br>I      |  |             |   | Dinitrobenzene, 1,4-<br>Dinitrophenol, 2,4-<br>Dinitrotoluene Mixture, 2,4/2,6-   | 100-25-4<br>51-28-5<br>25321-14-6   | 9.9E-02            |         | 9.9E-02                | 3.7E+00<br>7.3E+01<br>7.3E+01 | 3.7E+00<br>7.3E+01<br>7.3E+01 |                                 |               | 3.3E-03<br>8.2E-02<br>1.4E-04 |                             |
| 3.1E-01                                    | C           | 8.9E-05                                   | C           | 2.0E-03<br>1.0E-03<br>2.0E-03   | I<br>P<br>S |  |             |   | Dinitrotoluene, 2,4-<br>Dinitrotoluene, 2,6-<br>Dinitrotoluene, 2-Amino-4,6-      | 121-14-2<br>606-20-2<br>35572-78-2  | 2.2E-01            |         | 2.2E-01                | 7.3E+01<br>3.7E+01<br>7.3E+01 | 7.3E+01<br>3.7E+01<br>7.3E+01 |                                 |               | 2.9E-04<br>5.0E-02<br>5.6E-02 |                             |
| 1.0E-01                                    | I           | 7.7E-06                                   | C           | 2.0E-03<br>1.0E-03<br>3.0E-02   | S<br>I<br>I |  |             | A   | Dinitrotoluene, 4-Amino-2,6-<br>Dinoseb<br>Dioxane, 1,4-                          | 19406-51-0<br>88-85-7<br>123-91-1   | 6.7E-01            |         | 6.7E-01                | 7.3E+01<br>3.7E+01<br>1.1E+03 | 7.3E+01<br>3.7E+01<br>1.1E+03 | 7.0E+00                         |               | 5.6E-02<br>3.2E-01<br>1.4E-04 | 6.2E-02                     |
| 6.2E+03<br>1.3E+05                         | I<br>C      | 1.3E+00<br>3.8E+01                        | I<br>C      | 1.0E-09<br>4.0E-08              | A<br>C      |  |             |   | <b>Dioxins</b><br>~Hexachlorodibenzo-p-dioxin, Mixture<br>~TCDD, 2,3,7,8-         | NA<br>1746-01-6                     | 1.1E-05<br>5.2E-07 |         | 1.1E-05<br>5.2E-07     |                               |                               |                                 | 3.0E-05       | 9.0E-06<br>2.6E-07            | 1.5E-05                     |
|  |             |   |             | 3.0E-02<br>8.0E-04<br>2.5E-02   | I<br>X<br>I |  |             |   | Diphenamid<br>Diphenyl Sulfone<br>Diphenylamine                                   | 957-51-7<br>127-63-9<br>122-39-4    |                    |         |                        | 1.1E+03<br>2.9E+01<br>9.1E+02 | 1.1E+03<br>2.9E+01<br>9.1E+02 |                                 |               | 1.1E+01<br>7.1E-02<br>1.7E+00 |                             |
| 8.0E-01<br>7.4E+00                         | I<br>C      | 2.2E-04<br>2.1E-03                        | I<br>C      | 2.2E-03                         | I           |  |             |   | Diphenylhydrazine, 1,2-<br>Diquat<br>Direct Black 38                              | 122-66-7<br>85-00-7<br>1937-37-7    | 8.4E-02<br>9.1E-03 |         | 8.4E-02<br>9.1E-03     |                               |                               | 8.0E+01<br>8.0E+01              | 2.0E+01       | 2.7E-04<br>1.5E+00<br>4.4E+00 | 3.7E-01                     |
| 7.4E+00<br>6.7E+00                         | C<br>C      | 2.1E-03<br>1.9E-03                        | C<br>C      | 4.0E-05                         | I           |  |             |   | Direct Blue 6<br>Direct Brown 95<br>Disulfoton                                    | 2602-46-2<br>16071-86-6<br>298-04-4 | 9.1E-03<br>1.0E-02 |         | 9.1E-03<br>1.0E-02     |                               |                               | 1.5E+00<br>1.5E+00              |               | 1.4E+01<br>2.7E-03            |                             |
|  |             |   |             | 1.0E-02<br>2.0E-03<br>4.0E-03   | I<br>I<br>I |  |             |   | Dithiane, 1,4-<br>Diuron<br>Dodine  | 505-29-3<br>330-54-1<br>2439-10-3   |                    |         |                        | 3.7E+02<br>7.3E+01<br>1.5E+02 | 3.7E+02<br>7.3E+01<br>1.5E+02 |                                 |               | 1.8E-01<br>3.1E-02<br>7.5E-01 |                             |
|  |             |   |             | 2.5E-02<br>6.0E-03<br>2.0E-02   | I<br>I<br>I |  |             | V   | EPTC<br>Endosulfan<br>Endothall   | 759-94-4<br>115-29-7<br>145-73-3    |                    |         |                        | 9.1E+02<br>2.2E+02<br>7.3E+02 | 9.1E+02<br>2.2E+02<br>7.3E+02 | 1.0E+02                         |               | 4.8E-01<br>3.0E+00<br>1.7E-01 | 2.4E-02                     |
| 9.9E-03                                    | I           | 1.2E-06                                   | I           | 3.0E-04<br>6.0E-03<br>2.0E-02   | I<br>P<br>I |  |             | V   | Endrin<br>Epichlorohydrin<br>Epoxybutane, 1,2-                                    | 72-20-8<br>106-89-8<br>106-88-7     | 6.8E+00            | 4.1E+00 | 2.5E+00                | 1.1E+01<br>2.2E+02<br>4.2E+01 | 1.1E+01<br>2.1E+00<br>4.2E+01 | 2.0E+00                         |               | 4.4E-01<br>4.5E-04<br>9.2E-03 | 8.1E-02                     |
|  |             |   |             | 5.0E-03<br>5.0E-04<br>3.0E-01   | I<br>I<br>H |  |             | C   | Ethephon<br>Ethion<br>Ethoxyethanol Acetate, 2-                                   | 16672-87-0<br>563-12-2<br>111-15-9  |                    |         |                        | 1.8E+02<br>1.8E+01<br>1.1E+04 | 1.8E+02<br>1.8E+01<br>1.1E+04 |                                 |               | 3.8E-02<br>3.6E-02<br>2.3E+00 |                             |
| 4.8E-02                                    | H           |   |             | 4.0E-01<br>9.0E-01              | H<br>I      |  |             | V   | Ethoxyethanol, 2-<br>Ethyl Acetate<br>Ethyl Acrylate                              | 110-80-5<br>141-78-6<br>140-88-5    | 1.4E+00            |         | 1.4E+00                |                               |                               | 1.5E+04<br>3.3E+04<br>3.3E+04   |               | 2.9E+00<br>7.0E+00<br>3.1E-04 |                             |
|  |             |   |             | 2.0E-01<br>9.0E-02              | I<br>H      |  |             | V   | Ethyl Chloride<br>Ethyl Ether<br>Ethyl Methacrylate                               | 75-00-3<br>60-29-7<br>97-63-2       |                    |         |                        | 2.1E+04<br>7.3E+03<br>3.3E+03 | 2.1E+04<br>7.3E+03<br>3.3E+03 |                                 |               | 5.9E+00<br>1.6E+00<br>7.7E-01 |                             |
| 1.1E-02                                    | C           | 2.5E-06                                   | C           | 1.0E-05<br>1.0E-01<br>3.0E-02   | I<br>I<br>P |  |             | V   | Ethyl-p-nitrophenyl Phosphonate<br>Ethylbenzene<br>Ethylene Cyanohydrin           | 2104-64-5<br>100-41-4<br>109-78-4   | 6.1E+00            | 1.9E+00 | 1.5E+00                | 3.7E-01<br>3.7E+03<br>1.1E+03 | 3.7E-01<br>2.1E+03<br>1.1E+03 | 1.3E+03                         | 7.0E+02       | 1.1E-02<br>1.7E-03<br>2.2E-01 | 7.8E-01                     |

Regional Screening Level (RSL) Soil to Groundwater Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |   |             |                                 |             |  | Contaminant |   | Carcinogenic Target Risk                           |             |         | Noncancer Hazard Index |         |         | Protection of Ground Water SSLs |         |               |                              |                             |
|--|-------------|---|-------------|---------------------------------|-------------|--|-------------|---|--|-------------|---------|------------------------|---------|---------|---------------------------------|---------|---------------|------------------------------|-----------------------------|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>u<br>t<br>a<br>g<br>e<br>n | Analyte  | CAS No.     | ingc    | inhc                   | prgc    | ingn    | inhn                            | prgn    | MCL<br>(ug/L) | Risk-based<br>SSL<br>(mg/kg) | MCL-based<br>SSL<br>(mg/kg) |
|  |             |   |             | 9.0E-02                         |             | P  |             |   | Ethylene Diamine                                   | 107-15-3    |         |                        |         | 3.3E+03 |                                 | 3.3E+03 |               | 7.5E-01                      |                             |
|  |             |   |             | 2.0E+00                         | I           | 4.0E-01                                  |             | C   | Ethylene Glycol                                    | 107-21-1    |         |                        |         | 7.3E+04 |                                 | 7.3E+04 |               | 1.5E+01                      |                             |
|  |             |   |             | 1.0E-01                         | I           | 1.6E+00                                  |             | I   | Ethylene Glycol Monobutyl Ether                    | 111-76-2    |         |                        |         | 3.7E+03 |                                 | 3.7E+03 |               | 7.5E-01                      |                             |
| 3.1E-01                                    | C           | 8.8E-05                                   | C           |                                 |             | 3.0E-02                                  |             | C V                                       | Ethylene Oxide                                     | 75-21-8     | 2.2E-01 | 5.5E-02                | 4.4E-02 |         | 6.3E+01                         | 6.3E+01 |               | 9.1E-06                      |                             |
| 4.5E-02                                    | C           | 1.3E-05                                   | C           | 8.0E-05                         |             | I  |             |   | Ethylene Thiourea                                  | 96-45-7     | 1.5E+00 |                        | 1.5E+00 | 2.9E+00 |                                 | 2.9E+00 |               | 3.4E-04                      |                             |
| 6.5E+01                                    | C           | 1.9E-02                                   | C           |                                 |             |  |             |   | Ethyleneimine                                      | 151-56-4    | 1.0E-03 |                        | 1.0E-03 |         |                                 |         |               | 2.3E-07                      |                             |
|  |             |   |             | 3.0E+00                         |             | I  |             |   | Ethylphthalyl Ethyl Glycolate                      | 84-72-0     |         |                        |         | 1.1E+05 |                                 | 1.1E+05 |               | 2.5E+02                      |                             |
|  |             |   |             | 8.0E-03                         |             | I  |             |   | Express  | 101200-48-0 |         |                        |         | 2.9E+02 |                                 | 2.9E+02 |               | 1.1E-01                      |                             |
|  |             |   |             | 2.5E-04                         |             | I  |             |   | Fenamiphos   | 22224-92-6  |         |                        |         | 9.1E+00 |                                 | 9.1E+00 |               | 9.1E-03                      |                             |
|  |             |   |             | 2.5E-02                         |             | I  |             |   | Fenpropathrin                                      | 39515-41-8  |         |                        |         | 9.1E+02 |                                 | 9.1E+02 |               | 4.1E+01                      |                             |
|  |             |   |             | 1.3E-02                         |             | I  |             |   | Fluometuron  | 2164-17-2   |         |                        |         | 4.7E+02 |                                 | 4.7E+02 |               | 3.7E-01                      |                             |
|  |             |   |             | 4.0E-02                         | C           | 1.3E-02                                  |             | C   | Fluoride   | 16984-48-8  |         |                        |         | 1.5E+03 |                                 | 1.5E+03 |               |                              |                             |
|  |             |   |             | 6.0E-02                         |             | I  | 1.3E-02     | C   | Fluorine (Soluble Fluoride)                        | 7782-41-4   |         |                        |         | 2.2E+03 |                                 | 2.2E+03 | 4.0E+03       | 3.3E+02                      | 6.0E+02                     |
|  |             |   |             | 8.0E-02                         |             | I  |             |   | Fluridone  | 59756-60-4  |         |                        |         | 2.9E+03 |                                 | 2.9E+03 |               | 3.3E+02                      |                             |
|  |             |   |             | 2.0E-02                         |             | I  |             |   | Flurprimidol                                       | 56425-91-3  |         |                        |         | 7.3E+02 |                                 | 7.3E+02 |               | 3.3E+00                      |                             |
|  |             |   |             | 6.0E-02                         |             | I  |             |   | Flutolanil   | 66332-96-5  |         |                        |         | 2.2E+03 |                                 | 2.2E+03 |               | 1.2E+01                      |                             |
| 3.5E-03                                    | I           |   |             | 1.0E-02                         |             | I  |             |   | Fluvalinate  | 69409-94-5  |         |                        |         | 3.7E+02 |                                 | 3.7E+02 |               | 5.3E+02                      |                             |
|  |             |   |             | 1.0E-01                         |             | I  |             |   | Folpet   | 133-07-3    | 1.9E+01 |                        | 1.9E+01 | 3.7E+03 |                                 | 3.7E+03 |               | 4.5E-03                      |                             |
| 1.9E-01                                    | I           |   |             |                                 |             |  |             |   | Fomesafen  | 72178-02-0  | 3.5E-01 |                        | 3.5E-01 |         |                                 |         |               | 1.2E-03                      |                             |
|  |             |   |             | 2.0E-03                         |             | I  |             |   | Fonofos  | 944-22-9    |         |                        |         | 7.3E+01 |                                 | 7.3E+01 |               | 1.4E-01                      |                             |
|  |             | 1.3E-05                                   | I           | 2.0E-01                         |             | I  | 9.8E-03     | A   | Formaldehyde                                       | 50-00-0     |         |                        |         | 7.3E+03 |                                 | 7.3E+03 |               | 1.5E+00                      |                             |
|  |             |   |             | 2.0E+00                         | H           | 3.0E-03                                  |             | P   | Formic Acid  | 64-18-6     |         |                        |         | 7.3E+04 |                                 | 7.3E+04 |               | 1.5E+01                      |                             |
|  |             |   |             | 3.0E+00                         |             | I  |             |   | Fosetyl-AL   | 39148-24-8  |         |                        |         | 1.1E+05 |                                 | 1.1E+05 |               |                              |                             |
|  |             |   |             |                                 |             |  |             |   | <b>Furans</b>                                      |             |         |                        |         |         |                                 |         |               |                              |                             |
|  |             |   |             | 1.0E-03                         | X           |  |             | V   | ~Dibenzofuran                                      | 132-64-9    |         |                        |         | 3.7E+01 |                                 | 3.7E+01 |               | 6.8E-01                      |                             |
| 3.8E+00                                    | H           |   |             | 1.0E-03                         |             | I  |             | V   | ~Furan   | 110-00-9    |         |                        |         | 3.7E+01 |                                 | 3.7E+01 |               | 1.4E-02                      |                             |
|  |             |   |             |                                 |             |  |             |   | Furazolidone                                       | 67-45-8     | 1.8E-02 |                        | 1.8E-02 |         |                                 |         |               | 3.4E-05                      |                             |
|  |             |   |             | 3.0E-03                         |             | I  | 5.0E-02     | H   | Furfural   | 98-01-1     |         |                        |         | 1.1E+02 |                                 | 1.1E+02 |               | 2.3E-02                      |                             |
| 1.5E+00                                    | C           | 4.3E-04                                   | C           |                                 |             |  |             |   | Furium   | 531-82-8    | 4.5E-02 |                        | 4.5E-02 |         |                                 |         |               | 6.1E-05                      |                             |
| 3.0E-02                                    | I           | 8.6E-06                                   | C           |                                 |             |  |             |   | Furmecyclox  | 60568-05-0  | 2.2E+00 |                        | 2.2E+00 |         |                                 |         |               | 2.4E-03                      |                             |
|  |             |   |             | 4.0E-04                         |             | I  |             |   | Glufosinate, Ammonium                              | 77182-82-2  |         |                        |         | 1.5E+01 |                                 | 1.5E+01 |               | 3.2E-03                      |                             |
|  |             |   |             |                                 |             |  | 8.0E-05     | C   | Glutaraldehyde                                     | 111-30-8    |         |                        |         |         |                                 |         |               |                              |                             |
|  |             |   |             | 4.0E-04                         |             | I  | 1.0E-03     | H   | Glycidyl   | 765-34-4    |         |                        |         | 1.5E+01 |                                 | 1.5E+01 |               | 2.9E-03                      |                             |
|  |             |   |             | 1.0E-01                         |             | I  |             |   | Glyphosate   | 1071-83-6   |         |                        |         | 3.7E+03 |                                 | 3.7E+03 | 7.0E+02       | 7.4E-01                      | 1.4E-01                     |
|  |             |   |             | 3.0E-03                         |             | I  |             |   | Goal   | 42874-03-3  |         |                        |         | 1.1E+02 |                                 | 1.1E+02 |               | 8.8E+00                      |                             |
|  |             |   |             | 3.0E-03                         | A           | 1.0E-02                                  |             | A   | Guthion  | 86-50-0     |         |                        |         | 1.1E+02 |                                 | 1.1E+02 |               | 3.3E-02                      |                             |
|  |             |   |             | 5.0E-05                         |             | I  |             |   | Haloxyfop, Methyl                                  | 69806-40-2  |         |                        |         | 1.8E+00 |                                 | 1.8E+00 |               | 2.0E-02                      |                             |
| 4.5E+00                                    | I           | 1.3E-03                                   | I           | 1.3E-02                         |             | I  |             |   | Harmony  | 79277-27-3  |         |                        |         | 4.7E+02 |                                 | 4.7E+02 |               | 1.4E-01                      |                             |
|  |             |   |             | 5.0E-04                         |             | I  |             |   | Heptachlor   | 76-44-8     | 1.5E-02 |                        | 1.5E-02 | 1.8E+01 |                                 | 1.8E+01 | 4.0E-01       | 1.2E-03                      | 3.3E-02                     |
| 9.1E+00                                    | I           | 2.6E-03                                   | I           | 1.3E-05                         |             | I  |             |   | Heptachlor Epoxide                                 | 1024-57-3   | 7.4E-03 |                        | 7.4E-03 | 4.7E-01 |                                 | 4.7E-01 | 2.0E-01       | 1.5E-04                      | 4.1E-03                     |
|  |             |   |             | 2.0E-03                         |             | I  |             |   | Hexabromobenzene                                   | 87-82-1     |         |                        |         | 7.3E+01 |                                 | 7.3E+01 |               | 4.2E-01                      |                             |
|  |             |   |             | 2.0E-04                         |             | I  |             |   | Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153) | 68631-49-2  |         |                        |         | 7.3E+00 |                                 | 7.3E+00 |               |                              |                             |
| 1.6E+00                                    | I           | 4.6E-04                                   | I           | 8.0E-04                         |             | I  |             |   | Hexachlorobenzene                                  | 118-74-1    | 4.2E-02 |                        | 4.2E-02 | 2.9E+01 |                                 | 2.9E+01 | 1.0E+00       | 5.3E-04                      | 1.3E-02                     |
| 7.8E-02                                    | I           | 2.2E-05                                   | I           | 1.0E-03                         |             | P  |             |   | Hexachlorobutadiene                                | 87-68-3     | 8.6E-01 |                        | 8.6E-01 | 3.7E+01 |                                 | 3.7E+01 |               | 1.7E-03                      |                             |
| 6.3E+00                                    | I           | 1.8E-03                                   | I           | 8.0E-03                         |             | A  |             |   | Hexachlorocyclohexane, Alpha-                      | 319-84-6    | 1.1E-02 |                        | 1.1E-02 | 2.9E+02 |                                 | 2.9E+02 |               | 6.2E-05                      |                             |
| 1.8E+00                                    | I           | 5.3E-04                                   | I           |                                 |             |  |             |   | Hexachlorocyclohexane, Beta-                       | 319-85-7    | 3.7E-02 |                        | 3.7E-02 |         |                                 |         |               | 2.2E-04                      |                             |
| 1.1E+00                                    | C           | 3.1E-04                                   | C           | 3.0E-04                         |             | I  |             |   | Hexachlorocyclohexane, Gamma- (Lindane)            | 58-89-9     | 6.1E-02 |                        | 6.1E-02 | 1.1E+01 |                                 | 1.1E+01 | 2.0E-01       | 3.6E-04                      | 1.2E-03                     |
| 1.8E+00                                    | I           | 5.1E-04                                   | I           |                                 |             |  |             |   | Hexachlorocyclohexane, Technical                   | 608-73-1    | 3.7E-02 |                        | 3.7E-02 |         |                                 |         |               | 2.2E-04                      |                             |
|  |             |   |             | 6.0E-03                         |             | I  | 2.0E-04     | I   | Hexachlorocyclopentadiene                          | 77-47-4     |         |                        |         | 2.2E+02 |                                 | 2.2E+02 | 5.0E+01       | 6.8E-01                      | 1.6E-01                     |
| 1.4E-02                                    | I           | 4.0E-06                                   | I           | 1.0E-03                         |             | I  |             |   | Hexachloroethane                                   | 67-72-1     | 4.8E+00 |                        | 4.8E+00 | 3.7E+01 |                                 | 3.7E+01 |               | 2.9E-03                      |                             |

Regional Screening Level (RSL) Soil to Groundwater Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |   |             |                                 |             |  | Contaminant |                                      | Carcinogenic Target Risk |   |            | Noncancer Hazard Index |      |         | Protection of Ground Water SSLs |         |         |               |                              |                             |
|--|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------------------------------|--------------------------|---|------------|------------------------|------|---------|---------------------------------|---------|---------|---------------|------------------------------|-----------------------------|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | muta-<br>gen             | Analyte                                       | CAS No.    | ingc                   | inhc | prgc    | ingn                            | inhn    | prgn    | MCL<br>(ug/L) | Risk-based<br>SSL<br>(mg/kg) | MCL-based<br>SSL<br>(mg/kg) |
|  |             |   |             | 3.0E-04                         | I           |  |             |                                      |                          | Hexachlorophene                               | 70-30-4    |                        |      |         | 1.1E+01                         | 1.1E+01 |         |               | 1.5E+01                      |                             |
| 1.1E-01                                    | I           |   |             | 3.0E-03                         | I           |  |             |                                      |                          | Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) | 121-82-4   | 6.1E-01                |      | 6.1E-01 | 1.1E+02                         | 1.1E+02 |         |               | 2.3E-04                      |                             |
|  |             |   |             | 6.0E-02                         | H           | 1.0E-05                                  | I           | V                                    |                          | Hexamethylene Diisocyanate, 1,6-              | 822-06-0   |                        |      |         | 2.1E-02                         | 2.1E-02 |         |               | 2.1E-04                      |                             |
|  |             |   |             | 6.0E-02                         | H           | 7.0E-01                                  | I           | V                                    |                          | Hexane, N-                                    | 110-54-3   |                        |      |         | 2.2E+03                         | 1.5E+03 | 8.8E+02 |               | 6.2E+00                      |                             |
|  |             |   |             | 2.0E+00                         | P           |  |             |                                      |                          | Hexanedioic Acid                              | 124-04-9   |                        |      |         | 7.3E+04                         | 7.3E+04 |         |               | 1.8E+01                      |                             |
|  |             |   |             | 5.0E-03                         | I           | 3.0E-02                                  | I           | V                                    |                          | Hexanone, 2-                                  | 591-78-6   |                        |      |         | 1.8E+02                         | 6.3E+01 | 4.7E+01 |               | 1.1E-02                      |                             |
|  |             |   |             | 3.3E-02                         | I           |  |             |                                      |                          | Hexazinone                                    | 51235-04-2 |                        |      |         | 1.2E+03                         | 1.2E+03 |         |               | 5.5E-01                      |                             |
| 3.0E+00                                    | I           | 4.9E-03                                   | I           |                                 |             | 3.0E-05                                  | P           |                                      |                          | Hydrazine                                     | 302-01-2   | 2.2E-02                |      | 2.2E-02 |                                 |         |         |               |                              |                             |
| 3.0E+00                                    | I           | 4.9E-03                                   | I           |                                 |             |  |             |                                      |                          | Hydrazine Sulfate                             | 10034-93-2 | 2.2E-02                |      | 2.2E-02 |                                 |         |         |               |                              |                             |
|  |             |   |             |                                 |             | 2.0E-02                                  | I           |                                      |                          | Hydrogen Chloride                             | 7647-01-0  |                        |      |         |                                 |         |         |               |                              |                             |
|  |             |   |             | 4.0E-02                         | C           | 1.4E-02                                  | C           |                                      |                          | Hydrogen Fluoride                             | 7664-39-3  |                        |      |         | 1.5E+03                         | 1.5E+03 |         |               |                              |                             |
| 6.0E-02                                    | P           |   |             | 4.0E-02                         | P           | 2.0E-03                                  | I           |                                      |                          | Hydrogen Sulfide                              | 7783-06-4  |                        |      |         |                                 |         |         |               |                              |                             |
|  |             |   |             | 4.0E-02                         | P           |  |             |                                      |                          | Hydroquinone                                  | 123-31-9   | 1.1E+00                |      | 1.1E+00 | 1.5E+03                         | 1.5E+03 |         |               | 7.6E-04                      |                             |
|  |             |   |             | 1.3E-02                         | I           |  |             |                                      |                          | Imazalil                                      | 35554-44-0 |                        |      |         | 4.7E+02                         | 4.7E+02 |         |               | 8.2E+00                      |                             |
|  |             |   |             | 2.5E-01                         | I           |  |             |                                      |                          | Imazaquin                                     | 81335-37-7 |                        |      |         | 9.1E+03                         | 9.1E+03 |         |               | 4.5E+01                      |                             |
|  |             |   |             | 1.0E-02                         | A           |  |             |                                      |                          | Iodine  | 7553-56-2  |                        |      |         | 3.7E+02                         | 3.7E+02 |         |               |                              |                             |
|  |             |   |             | 4.0E-02                         | I           |  |             |                                      |                          | Iprodione                                     | 36734-19-7 |                        |      |         | 1.5E+03                         | 1.5E+03 |         |               | 4.5E-01                      |                             |
|  |             |   |             | 7.0E-01                         | P           |  |             |                                      |                          | Iron  | 7439-89-6  |                        |      |         | 2.6E+04                         | 2.6E+04 |         |               | 6.4E+02                      |                             |
|  |             |   |             | 3.0E-01                         | I           |  |             | V                                    |                          | Isobutyl Alcohol                              | 78-83-1    |                        |      |         | 1.1E+04                         | 1.1E+04 |         |               | 2.3E+00                      |                             |
| 9.5E-04                                    | I           |   |             | 2.0E-01                         | I           | 2.0E+00                                  | C           |                                      |                          | Isophorone                                    | 78-59-1    | 7.1E+01                |      | 7.1E+01 | 7.3E+03                         | 7.3E+03 |         |               | 2.3E-02                      |                             |
|  |             |   |             | 1.5E-02                         | I           |  |             |                                      |                          | Isopropalin                                   | 33820-53-0 |                        |      |         | 5.5E+02                         | 5.5E+02 |         |               | 1.3E+01                      |                             |
|  |             |   |             |                                 |             | 7.0E+00                                  | C           |                                      |                          | Isopropanol                                   | 67-63-0    |                        |      |         |                                 |         |         |               |                              |                             |
|  |             |   |             | 1.0E-01                         | I           |  |             |                                      |                          | Isopropyl Methyl Phosphonic Acid              | 1832-54-8  |                        |      |         | 3.7E+03                         | 3.7E+03 |         |               | 7.9E-01                      |                             |
|  |             |   |             | 5.0E-02                         | I           |  |             |                                      |                          | Isoxaben                                      | 82558-50-7 |                        |      |         | 1.8E+03                         | 1.8E+03 |         |               | 5.0E+00                      |                             |
|  |             |   |             |                                 |             | 3.0E-01                                  | A           | V                                    |                          | JP-7  | NA         |                        |      |         | 6.3E+02                         | 6.3E+02 |         |               |                              |                             |
|  |             |   |             | 7.5E-02                         | I           |  |             |                                      |                          | Kerb  | 23950-58-5 |                        |      |         | 2.7E+03                         | 2.7E+03 |         |               | 2.8E+00                      |                             |
|  |             |   |             | 2.0E-03                         | I           |  |             |                                      |                          | Lactofen                                      | 77501-63-4 |                        |      |         | 7.3E+01                         | 7.3E+01 |         |               | 3.4E+00                      |                             |
|  |             |   |             |                                 |             |  |             |                                      |                          | <b>Lead Compounds</b>                         |            |                        |      |         |                                 |         |         |               |                              |                             |
| 2.8E-01                                    | C           | 8.0E-05                                   | C           |                                 |             |  |             |                                      |                          | ~Lead acetate                                 | 301-04-2   | 2.4E-01                |      | 2.4E-01 |                                 |         |         |               |                              |                             |
| 3.8E-02                                    | C           | 1.1E-05                                   | C           |                                 |             |  |             |                                      |                          | ~Lead and Compounds                           | 7439-92-1  |                        |      |         |                                 |         |         | 1.5E+01       | 1.4E+01                      |                             |
|  |             |   |             |                                 |             |  |             |                                      |                          | ~Lead subacetate                              | 1335-32-6  | 1.8E+00                |      | 1.8E+00 |                                 |         |         |               |                              |                             |
|  |             |   |             | 1.0E-07                         | I           |  |             |                                      |                          | ~Tetraethyl Lead                              | 78-00-2    |                        |      |         | 3.7E-03                         | 3.7E-03 |         |               | 1.3E-05                      |                             |
|  |             |   |             | 2.0E-03                         | I           |  |             |                                      |                          | Linuron                                       | 330-55-2   |                        |      |         | 7.3E+01                         | 7.3E+01 |         |               | 6.4E-02                      |                             |
|  |             |   |             | 2.0E-03                         | P           |  |             |                                      |                          | Lithium                                       | 7439-93-2  |                        |      |         | 7.3E+01                         | 7.3E+01 |         |               | 2.2E+01                      |                             |
|  |             |   |             | 7.0E-04                         | I           |  |             |                                      |                          | Lithium Perchlorate                           | 7791-03-9  |                        |      |         | 2.6E+01                         | 2.6E+01 |         |               |                              |                             |
|  |             |   |             | 2.0E-01                         | I           |  |             |                                      |                          | Londax  | 83055-99-6 |                        |      |         | 7.3E+03                         | 7.3E+03 |         |               | 1.9E+00                      |                             |
|  |             |   |             | 5.0E-04                         | I           |  |             |                                      |                          | MCPA  | 94-74-6    |                        |      |         | 1.8E+01                         | 1.8E+01 |         |               | 4.7E-03                      |                             |
|  |             |   |             | 1.0E-02                         | I           |  |             |                                      |                          | MCPB  | 94-81-5    |                        |      |         | 3.7E+02                         | 3.7E+02 |         |               | 1.4E-01                      |                             |
|  |             |   |             | 1.0E-03                         | I           |  |             |                                      |                          | MCPP  | 93-65-2    |                        |      |         | 3.7E+01                         | 3.7E+01 |         |               | 1.1E-02                      |                             |
|  |             |   |             | 2.0E-02                         | I           |  |             |                                      |                          | Malathion                                     | 121-75-5   |                        |      |         | 7.3E+02                         | 7.3E+02 |         |               | 1.9E-01                      |                             |
|  |             |   |             | 1.0E-01                         | I           | 7.0E-04                                  | C           |                                      |                          | Maleic Anhydride                              | 108-31-6   |                        |      |         | 3.7E+03                         | 3.7E+03 |         |               | 7.4E-01                      |                             |
|  |             |   |             | 5.0E-01                         | I           |  |             |                                      |                          | Maleic Hydzazide                              | 123-33-1   |                        |      |         | 1.8E+04                         | 1.8E+04 |         |               | 3.8E+00                      |                             |
|  |             |   |             | 1.0E-04                         | P           |  |             |                                      |                          | Malononitrile                                 | 109-77-3   |                        |      |         | 3.7E+00                         | 3.7E+00 |         |               | 7.5E-04                      |                             |
|  |             |   |             | 3.0E-02                         | H           |  |             |                                      |                          | Mancozeb                                      | 8018-01-7  |                        |      |         | 1.1E+03                         | 1.1E+03 |         |               | 1.5E+00                      |                             |
|  |             |   |             | 5.0E-03                         | I           |  |             |                                      |                          | Maneb   | 12427-38-2 |                        |      |         | 1.8E+02                         | 1.8E+02 |         |               | 2.6E-01                      |                             |
|  |             |   |             | 1.4E-01                         | I           | 5.0E-05                                  | I           |                                      |                          | Manganese (Diet)                              | 7439-96-5  |                        |      |         |                                 |         |         |               |                              |                             |
|  |             |   |             | 2.4E-02                         | S           | 5.0E-05                                  | I           |                                      |                          | Manganese (Non-diet)                          | 7439-96-5  |                        |      |         | 8.8E+02                         | 8.8E+02 |         |               | 5.7E+01                      |                             |
|  |             |   |             | 9.0E-05                         | H           |  |             |                                      |                          | Mephosfolan                                   | 950-10-7   |                        |      |         | 3.3E+00                         | 3.3E+00 |         |               | 4.8E-03                      |                             |
|  |             |   |             | 3.0E-02                         | I           |  |             |                                      |                          | Mepiquat Chloride                             | 24307-26-4 |                        |      |         | 1.1E+03                         | 1.1E+03 |         |               | 3.6E-01                      |                             |
|  |             |   |             |                                 |             |  |             |                                      |                          | <b>Mercury Compounds</b>                      |            |                        |      |         |                                 |         |         |               |                              |                             |

Regional Screening Level (RSL) Soil to Groundwater Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |   |             |                                 |             | Contaminant                              |                    | Carcinogenic Target Risk             |              |   | Noncancer Hazard Index              |                               |                               | Protection of Ground Water SSLs |                               |                               |                               |                               |                              |                             |
|--|-------------|---|-------------|---------------------------------|-------------|--|--------------------|--------------------------------------|--------------|---|-------------------------------------|-------------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y        | v<br>o<br>l<br>u<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte   | CAS No.                             | ingc                          | inhc                          | prgc                            | ingn                          | inhn                          | prgn                          | MCL<br>(ug/L)                 | Risk-based<br>SSL<br>(mg/kg) | MCL-based<br>SSL<br>(mg/kg) |
|  |             |   |             | 3.0E-04<br>1.6E-04              | I<br>C      | 3.0E-05<br>3.0E-04                       | C<br>I             |                                      |              | ~Mercuric Chloride (and other Mercury salts)<br>~Mercury (elemental)                                      | 7487-94-7<br>7439-97-6              |                               |                               |                                 | 1.1E+01<br>5.8E+00            | 1.1E+01<br>6.3E-01            | 2.0E+00<br>5.7E-01            | 2.0E+00                       | 3.0E-02                      | 1.0E-01                     |
|  |             |   |             | 1.0E-04<br>8.0E-05<br>3.0E-05   | I<br>I<br>I |  |                    |                                      |              | ~Methyl Mercury<br>~Phenylmercuric Acetate<br>Merphos   | 22967-92-6<br>62-38-4<br>150-50-5   |                               |                               |                                 | 3.7E+00<br>2.9E+00<br>1.1E+00 | 3.7E+00<br>2.9E+00<br>1.1E+00 |                               | 9.1E-04<br>1.1E-01            |                              |                             |
|  |             |   |             | 3.0E-05<br>6.0E-02<br>1.0E-04   | I<br>I<br>I |  |                    |                                      |              | Merphos Oxide<br>Metalaxyl<br>Methacrylonitrile   | 78-48-8<br>57837-19-1<br>126-98-7   |                               |                               |                                 | 1.1E+00<br>2.2E+03<br>3.7E+00 | 1.1E+00<br>2.2E+03<br>1.5E+00 | 1.1E+00                       | 5.4E-03<br>6.1E-01<br>2.4E-04 |                              |                             |
|  |             |   |             | 5.0E-05<br>5.0E-01<br>1.0E-03   | I<br>I<br>I |  | 4.0E+00            | C                                    |              | Methamidophos<br>Methanol<br>Methidathion   | 10265-92-6<br>67-56-1<br>950-37-8   |                               |                               |                                 | 1.8E+00<br>1.8E+04<br>3.7E+01 | 1.8E+00<br>1.8E+04<br>3.7E+01 |                               | 3.8E-04<br>3.7E+00<br>8.9E-03 |                              |                             |
| 4.9E-02                                    | C           | 1.4E-05                                   | C           | 2.5E-02<br>5.0E-03              | I<br>I      |  |                    |                                      |              | Methomyl<br>Methoxy-5-nitroaniline, 2-<br>Methoxychlor  | 16752-77-5<br>99-59-2<br>72-43-5    | 1.4E+00                       |                               | 1.4E+00                         | 9.1E+02<br>1.8E+02            | 9.1E+02<br>1.8E+02            | 4.0E+01                       | 2.0E-01<br>4.7E-04<br>9.9E+00 | 2.2E+00                      |                             |
|  |             |   |             | 2.0E-03<br>3.0E-03<br>1.0E+00   | H<br>P<br>H | 9.0E-02<br>2.0E-02                       | C<br>I             |                                      |              | Methoxyethanol Acetate, 2-<br>Methoxyethanol, 2-<br>Methyl Acetate  | 110-49-6<br>109-86-4<br>79-20-9     |                               |                               |                                 | 7.3E+01<br>1.1E+02<br>3.7E+04 | 7.3E+01<br>1.1E+02<br>3.7E+04 |                               | 1.5E-02<br>2.2E-02<br>7.5E+00 |                              |                             |
|  |             |   |             | 3.0E-02<br>6.0E-01<br>8.0E-02   | H<br>I<br>H |  | 5.0E+00<br>3.0E+00 | V<br>I<br>V                          |              | Methyl Acrylate<br>Methyl Ethyl Ketone (2-Butanone)<br>Methyl Isobutyl Ketone (4-methyl-2-pentanone)      | 96-33-3<br>78-93-3<br>108-10-1      |                               |                               |                                 | 1.1E+03<br>2.2E+04<br>2.9E+03 | 1.1E+03<br>1.0E+04<br>6.3E+03 | 1.1E+03<br>7.1E+03<br>2.0E+03 | 2.3E-01<br>1.5E+00<br>4.5E-01 |                              |                             |
|  |             |   |             | 1.4E+00<br>2.5E-04              | I<br>I      | 1.0E-03<br>7.0E-01                       | C<br>I<br>V        |                                      |              | Methyl Isocyanate<br>Methyl Methacrylate<br>Methyl Parathion  | 624-83-9<br>80-62-6<br>298-00-0     |                               |                               |                                 | 5.1E+04<br>9.1E+00            | 1.5E+03<br>9.1E+00            | 1.4E+03<br>9.1E+00            | 3.1E-01<br>1.5E-02            |                              |                             |
| 9.9E-02                                    | C           | 2.8E-05                                   | C           | 6.0E-02<br>6.0E-03              | X<br>H      |  | 4.0E-02            | H<br>V                               |              | Methyl Phosphonic Acid<br>Methyl Styrene (Mixed Isomers)<br>Methyl methanesulfonate                       | 993-13-5<br>25013-15-4<br>66-27-3   | 6.8E-01                       |                               | 6.8E-01                         | 2.2E+03<br>2.2E+02            | 2.2E+03<br>8.3E+01            | 2.2E+03<br>6.0E+01            | 4.4E-01<br>9.7E-02<br>1.4E-04 |                              |                             |
| 1.8E-03<br>3.3E-02<br>8.3E+00              | C<br>H<br>C | 2.6E-07<br>2.4E-03                        | C<br>C      |                                 |             | 3.0E+00                                  | I<br>V             |                                      |              | Methyl tert-Butyl Ether (MTBE)<br>Methyl-5-Nitroaniline, 2-<br>Methyl-N-nitro-N-nitrosoguanidine, N-      | 1634-04-4<br>99-55-8<br>70-25-7     | 3.7E+01<br>2.0E+00<br>8.1E-03 | 1.9E+01<br>2.0E+00<br>8.1E-03 |                                 | 6.3E+03<br>2.0E+00<br>8.1E-03 | 6.3E+03                       | 2.8E-03<br>1.1E-03<br>2.8E-06 |                               |                              |                             |
| 1.3E-01<br>2.2E+01                         | C<br>C      | 3.7E-05<br>6.3E-03                        | C<br>C      | 1.0E-02                         | A           |  |                    |                                      |              | Methylaniline Hydrochloride, 2-<br>Methylarsonic acid<br>Methylcholanthrene, 3-                           | 636-21-5<br>124-58-3<br>56-49-5     | 5.2E-01<br>3.1E-03            |                               | 5.2E-01<br>3.1E-03              | 3.7E+02<br>3.7E+02            |                               | 2.2E-04<br>5.9E-03            |                               |                              |                             |
| 7.5E-03<br>1.0E-01<br>4.6E-02              | I<br>P<br>I | 4.7E-07<br>4.3E-04<br>1.3E-05             | I<br>C<br>C | 6.0E-02<br>2.0E-03              | I<br>P      | 1.0E+00                                  | A<br>V             |                                      | M            | Methylene Chloride<br>Methylene-bis(2-chloroaniline), 4,4'-<br>Methylene-bis(N,N-dimethyl) Aniline, 4,4'- | 75-09-2<br>101-14-4<br>101-61-1     | 9.0E+00<br>2.2E-01<br>1.5E+00 | 1.0E+01<br>2.2E-01<br>1.5E+00 | 4.8E+00<br>7.3E+01<br>1.5E+00   | 2.2E+03<br>7.3E+01<br>7.3E+01 | 2.2E+03<br>7.3E+01<br>7.3E+01 | 5.0E+00                       | 1.2E-03<br>2.5E-03<br>8.1E-03 | 1.3E-03                      |                             |
| 1.6E+00                                    | C           | 4.6E-04                                   | C           |                                 |             | 2.0E-02<br>6.0E-04                       | C<br>I             |                                      |              | Methylenediphenyl Diisocyanate<br>Methylstyrene, Alpha-   | 101-77-9<br>101-68-8<br>98-83-9     | 4.2E-02                       |                               | 4.2E-02                         |                               |                               | 2.6E+03<br>2.6E+03            | 4.1E+00                       |                              |                             |
|  |             |   |             | 1.5E-01<br>2.5E-02<br>4.5E-06   | I<br>I<br>X |  |                    |                                      |              | Metolachlor<br>Metribuzin<br>Midrange Aliphatic Hydrocarbon Streams                                       | 51218-45-2<br>21087-64-9<br>NA      |                               |                               |                                 | 5.5E+03<br>9.1E+02<br>1.1E+00 | 5.5E+03<br>9.1E+02<br>1.1E+00 | 3.7E+02<br>2.1E+02<br>1.3E+02 | 6.4E+00<br>2.8E-01            |                              |                             |
| 1.8E+01                                    | C           | 5.1E-03                                   | C           | 3.0E+00<br>2.0E-04<br>2.0E-03   | P<br>I<br>I |  |                    |                                      |              | Mineral oils<br>Mirex<br>Molinate   | 8012-95-1<br>2385-85-5<br>2212-67-1 | 3.7E-03                       |                               | 3.7E-03                         | 1.1E+05<br>7.3E+00<br>7.3E+01 | 1.1E+05<br>7.3E+00<br>7.3E+01 | 4.3E+03<br>2.7E-03<br>4.1E-02 |                               |                              |                             |
|  |             |   |             | 5.0E-03<br>1.0E-01<br>2.0E-03   | I<br>I<br>P |  |                    |                                      |              | Molybdenum<br>Monochloramine<br>Monomethylaniline   | 7439-98-7<br>10599-90-3<br>100-61-8 |                               |                               |                                 | 1.8E+02<br>3.7E+03<br>7.3E+01 | 1.8E+02<br>3.7E+03<br>7.3E+01 |                               | 3.7E+00<br>2.7E-02            |                              |                             |
|  |             |   |             | 3.0E-04<br>2.0E-03<br>3.0E-02   | X<br>I<br>X |  |                    |                                      |              | N,N'-Diphenyl-1,4-benzenediamine<br>Naled<br>Naphtha, High Flash Aromatic (HFAN)                          | 74-31-7<br>300-76-5<br>64724-95-6   |                               |                               |                                 | 1.1E+01<br>7.3E+01<br>1.1E+03 | 1.1E+01<br>7.3E+01<br>2.1E+02 | 1.8E+02                       | 1.1E+00<br>3.3E-02            |                              |                             |

Regional Screening Level (RSL) Soil to Groundwater Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |   |             |                                 |             |  |             |                                      |              | Contaminant  |            | Carcinogenic Target Risk |         |         | Noncancer Hazard Index |         |         | Protection of Ground Water SSLs |                              |                             |
|--|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------------------------------|--------------|--|------------|--------------------------|---------|---------|------------------------|---------|---------|---------------------------------|------------------------------|-----------------------------|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>u<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte  | CAS No.    | ingc                     | inhc    | prgc    | ingn                   | inhn    | prgn    | MCL<br>(ug/L)                   | Risk-based<br>SSL<br>(mg/kg) | MCL-based<br>SSL<br>(mg/kg) |
| 1.8E+00                                    | C           | 0.0E+00                                   | C           | 1.0E-01                         | I           | 5.0E-02                                  | C           |                                      |              | Naphthylamine, 2-                                  | 91-59-8    | 3.7E-02                  |         | 3.7E-02 |                        |         |         |                                 | 1.9E-04                      |                             |
|  |             |   |             | 5.0E-02                         | C           | 5.0E-05                                  | C           |                                      |              | Napropamide  | 15299-99-7 |                          |         |         | 3.7E+03                |         | 3.7E+03 |                                 | 2.4E+01                      |                             |
|  |             |   |             | 5.0E-02                         | C           | 1.0E-04                                  | C           |                                      |              | Nickel Carbonyl                                    | 13463-39-3 |                          |         |         | 1.8E+03                |         | 1.8E+03 |                                 |                              |                             |
|  |             | 2.4E-04                                   | I           | 5.0E-02                         | C           | 5.0E-05                                  | C           |                                      |              | Nickel Oxide                                       | 1313-99-1  |                          |         |         | 1.8E+03                |         | 1.8E+03 |                                 |                              |                             |
|  |             | 2.6E-04                                   | C           | 2.0E-02                         | I           | 9.0E-05                                  | A           |                                      |              | Nickel Refinery Dust                               | NA         |                          |         |         | 1.8E+03                |         | 1.8E+03 |                                 |                              |                             |
|  |             |   |             | 2.0E-02                         | I           | 9.0E-05                                  | A           |                                      |              | Nickel Soluble Salts                               | 7440-02-0  |                          |         |         | 7.3E+02                |         | 7.3E+02 |                                 | 4.8E+01                      |                             |
| 1.7E+00                                    | C           | 4.8E-04                                   | I           | 5.0E-02                         | C           | 5.0E-05                                  | C           |                                      |              | Nickel Subsulfide                                  | 12035-72-2 | 4.0E-02                  |         | 4.0E-02 | 1.8E+03                |         | 1.8E+03 |                                 |                              |                             |
|  |             |   |             | 1.6E+00                         | I           |  |             |                                      |              | Nitrate  | 14797-55-8 |                          |         |         | 5.8E+04                |         | 5.8E+04 | 1.0E+04                         |                              |                             |
|  |             |   |             | 1.0E-01                         | I           |  |             |                                      |              | Nitrite  | 14797-65-0 |                          |         |         | 3.7E+03                |         | 3.7E+03 | 1.0E+03                         |                              |                             |
| 2.0E-02                                    | P           |   |             | 1.0E-02                         | X           | 5.0E-05                                  | X           |                                      |              | Nitroaniline, 2-                                   | 88-74-4    |                          |         |         | 3.7E+02                |         | 3.7E+02 |                                 | 1.5E-01                      |                             |
|  |             | 4.0E-05                                   | I           | 4.0E-03                         | P           | 6.0E-03                                  | P           |                                      |              | Nitroaniline, 4-                                   | 100-01-6   | 3.4E+00                  |         | 3.4E+00 | 1.5E+02                |         | 1.5E+02 |                                 | 1.4E-03                      |                             |
|  |             |   |             | 2.0E-03                         | I           | 9.0E-03                                  | I           | V                                    |              | Nitrobenzene                                       | 98-95-3    |                          | 1.2E-01 | 1.2E-01 | 7.3E+01                | 1.9E+01 | 1.5E+01 |                                 | 7.9E-05                      |                             |
|  |             |   |             | 3.0E+03                         | P           |  |             |                                      |              | Nitrocellulose                                     | 9004-70-0  |                          |         |         | 1.1E+08                |         | 1.1E+08 |                                 | 2.4E+04                      |                             |
| 1.3E+00                                    | C           | 3.7E-04                                   | C           | 7.0E-02                         | H           |  |             |                                      |              | Nitrofurantoin                                     | 67-20-9    |                          |         |         | 2.6E+03                |         | 2.6E+03 |                                 | 1.1E+00                      |                             |
|  |             |   |             | 1.0E-04                         | P           |  |             |                                      |              | Nitrofurazone                                      | 59-87-0    | 5.2E-02                  |         | 5.2E-02 |                        |         |         |                                 | 4.7E-05                      |                             |
| 1.7E-02                                    | P           |   |             | 1.0E-01                         | I           |  |             |                                      |              | Nitroglycerin                                      | 55-63-0    | 4.0E+00                  |         | 4.0E+00 | 3.7E+00                |         | 3.7E+00 |                                 | 1.6E-03                      |                             |
|  |             | 9.0E-06                                   | P           | 2.0E-02                         | P           | V  |             |                                      |              | Nitroguanidine                                     | 556-88-7   |                          |         |         | 3.7E+03                |         | 3.7E+03 |                                 | 8.8E-01                      |                             |
|  |             |   |             | 2.0E-02                         | I           | V  |             |                                      |              | Nitromethane                                       | 75-52-5    |                          | 5.4E-01 | 5.4E-01 | 4.2E+01                | 4.2E+01 |         |                                 | 1.2E-04                      |                             |
| 2.7E+01                                    | C           | 7.7E-03                                   | C           |                                 |             |  |             |                                      |              | Nitropropane, 2-                                   | 79-46-9    |                          | 1.8E-03 | 1.8E-03 | 4.2E+01                | 4.2E+01 |         |                                 | 4.7E-07                      |                             |
| 1.2E+02                                    | C           | 3.4E-02                                   | C           |                                 |             |  |             |                                      |              | Nitroso-N-ethylurea, N-                            | 759-73-9   | 2.5E-03                  |         | 2.5E-03 |                        |         |         |                                 | 6.0E-07                      |                             |
|  |             |   |             |                                 |             |  |             |                                      |              | Nitroso-N-methylurea, N-                           | 684-93-5   | 5.6E-04                  |         | 5.6E-04 |                        |         |         |                                 | 1.2E-07                      |                             |
| 5.4E+00                                    | I           | 1.6E-03                                   | I           |                                 |             |  |             | V                                    |              | Nitroso-di-N-butylamine, N-                        | 924-16-3   | 1.2E-02                  | 3.0E-03 | 2.4E-03 |                        |         |         |                                 | 5.0E-06                      |                             |
| 7.0E+00                                    | I           | 2.0E-03                                   | C           |                                 |             |  |             |                                      |              | Nitroso-di-N-propylamine, N-                       | 621-64-7   | 9.6E-03                  |         | 9.6E-03 |                        |         |         |                                 | 7.2E-06                      |                             |
| 2.8E+00                                    | I           | 8.0E-04                                   | C           |                                 |             |  |             |                                      |              | Nitrosodiethanolamine, N-                          | 1116-54-7  | 2.4E-02                  |         | 2.4E-02 |                        |         |         |                                 | 4.9E-06                      |                             |
| 1.5E+02                                    | I           | 4.3E-02                                   | I           |                                 |             |  |             |                                      | M            | Nitrosodiethylamine, N-                            | 55-18-5    | 1.4E-04                  |         | 1.4E-04 |                        |         |         |                                 | 5.3E-08                      |                             |
| 5.1E+01                                    | I           | 1.4E-02                                   | I           | 8.0E-06                         | P           | 4.0E-05                                  | X           |                                      | M            | Nitrosodimethylamine, N-                           | 62-75-9    | 4.2E-04                  |         | 4.2E-04 | 2.9E-01                |         | 2.9E-01 |                                 | 1.0E-07                      |                             |
| 4.9E-03                                    | I           | 2.6E-06                                   | C           |                                 |             |  |             |                                      |              | Nitrosodiphenylamine, N-                           | 86-30-6    | 1.4E+01                  |         | 1.4E+01 |                        |         |         |                                 | 7.5E-02                      |                             |
| 2.2E+01                                    | I           | 6.3E-03                                   | C           |                                 |             |  |             |                                      |              | Nitrosomethylethylamine, N-                        | 10595-95-6 | 3.1E-03                  |         | 3.1E-03 |                        |         |         |                                 | 8.8E-07                      |                             |
| 6.7E+00                                    | C           | 1.9E-03                                   | C           |                                 |             |  |             |                                      |              | Nitrosomorpholine [N-]                             | 59-89-2    | 1.0E-02                  |         | 1.0E-02 |                        |         |         |                                 | 2.5E-06                      |                             |
| 9.4E+00                                    | C           | 2.7E-03                                   | C           |                                 |             |  |             |                                      |              | Nitrosopiperidine [N-]                             | 100-75-4   | 7.2E-03                  |         | 7.2E-03 |                        |         |         |                                 | 3.8E-06                      |                             |
| 2.1E+00                                    | I           | 6.1E-04                                   | I           |                                 |             |  |             |                                      |              | Nitrosopyrrolidine, N-                             | 930-55-2   | 3.2E-02                  |         | 3.2E-02 |                        |         |         |                                 | 1.2E-05                      |                             |
|  |             |   |             | 1.0E-04                         | X           |  |             |                                      |              | Nitrotoluene, m-                                   | 99-08-1    |                          |         |         | 3.7E+00                |         | 3.7E+00 |                                 | 3.4E-03                      |                             |
| 2.2E-01                                    | P           |   |             | 9.0E-04                         | P           |  |             | V                                    |              | Nitrotoluene, o-                                   | 88-72-2    | 3.1E-01                  |         | 3.1E-01 | 3.3E+01                |         | 3.3E+01 |                                 | 2.9E-04                      |                             |
| 1.6E-02                                    | P           |   |             | 4.0E-03                         | P           |  |             |                                      |              | Nitrotoluene, p-                                   | 99-99-0    | 4.2E+00                  |         | 4.2E+00 | 1.5E+02                |         | 1.5E+02 |                                 | 3.9E-03                      |                             |
|  |             |   |             | 3.0E-04                         | X           | 2.0E-01                                  | P           | V                                    |              | Nonane, n-   | 111-84-2   |                          |         |         | 1.1E+01                | 4.2E+02 | 1.1E+01 |                                 | 1.5E-01                      |                             |
|  |             |   |             | 4.0E-02                         | I           |  |             |                                      |              | Norflurazon  | 27314-13-2 |                          |         |         | 1.5E+03                |         | 1.5E+03 |                                 | 9.4E+00                      |                             |
|  |             |   |             | 7.0E-04                         | I           |  |             |                                      |              | Nustar   | 85509-19-9 |                          |         |         | 2.6E+01                |         | 2.6E+01 |                                 | 4.1E+00                      |                             |
|  |             |   |             | 3.0E-03                         | I           |  |             |                                      |              | Octabromodiphenyl Ether                            | 32536-52-0 |                          |         |         | 1.1E+02                |         | 1.1E+02 |                                 | 2.2E+01                      |                             |
|  |             |   |             | 5.0E-02                         | I           |  |             |                                      |              | Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMx)   | 2691-41-0  |                          |         |         | 1.8E+03                |         | 1.8E+03 |                                 | 2.3E+00                      |                             |
|  |             |   |             | 2.0E-03                         | H           |  |             |                                      |              | Octamethylpyrophosphoramidate                      | 152-16-9   |                          |         |         | 7.3E+01                |         | 7.3E+01 |                                 | 1.8E-02                      |                             |
|  |             |   |             | 5.0E-02                         | I           |  |             |                                      |              | Oryzalin   | 19044-88-3 |                          |         |         | 1.8E+03                |         | 1.8E+03 |                                 | 3.4E+00                      |                             |
|  |             |   |             | 5.0E-03                         | I           |  |             |                                      |              | Oxadiazon  | 19666-30-9 |                          |         |         | 1.8E+02                |         | 1.8E+02 |                                 | 1.9E+00                      |                             |
|  |             |   |             | 2.5E-02                         | I           |  |             |                                      |              | Oxamyl   | 23135-22-0 |                          |         |         | 9.1E+02                |         | 9.1E+02 | 2.0E+02                         | 2.0E-01                      | 4.4E-02                     |
|  |             |   |             | 1.3E-02                         | I           |  |             |                                      |              | Paclitaxel   | 76738-62-0 |                          |         |         | 4.7E+02                |         | 4.7E+02 |                                 | 9.7E-01                      |                             |
|  |             |   |             | 4.5E-03                         | I           |  |             |                                      |              | Paraquat Dichloride                                | 1910-42-5  |                          |         |         | 1.6E+02                |         | 1.6E+02 |                                 | 2.3E+00                      |                             |
|  |             |   |             | 6.0E-03                         | H           |  |             |                                      |              | Parathion  | 56-38-2    |                          |         |         | 2.2E+02                |         | 2.2E+02 |                                 | 1.1E+00                      |                             |
|  |             |   |             | 5.0E-02                         | H           |  |             |                                      |              | Pebulate   | 1114-71-2  |                          |         |         | 1.8E+03                |         | 1.8E+03 |                                 | 1.5E+00                      |                             |
|  |             |   |             | 4.0E-02                         | I           |  |             |                                      |              | Pendimethalin                                      | 40487-42-1 |                          |         |         | 1.5E+03                |         | 1.5E+03 |                                 | 1.7E+01                      |                             |
|  |             |   |             | 2.0E-03                         | I           |  |             |                                      |              | Pentabromodiphenyl Ether                           | 32534-81-9 |                          |         |         | 7.3E+01                |         | 7.3E+01 |                                 | 3.2E+00                      |                             |
|  |             |   |             | 1.0E-04                         | I           |  |             |                                      |              | Pentabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-99) | 60348-60-9 |                          |         |         | 3.7E+00                |         | 3.7E+00 |                                 | 1.6E-01                      |                             |



Regional Screening Level (RSL) Soil to Groundwater Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |   |             |                                 |             |  |             |                                      |              | Contaminant                                      |            | Carcinogenic Target Risk |         |         | Noncancer Hazard Index |         |            | Protection of Ground Water SSLs |                              |                             |
|--|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------------------------------|--------------|--|------------|--------------------------|---------|---------|------------------------|---------|------------|---------------------------------|------------------------------|-----------------------------|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>u<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte  | CAS No.    | ingc                     | inhc    | prgc    | ingn                   | inhn    | prgn       | MCL<br>(ug/L)                   | Risk-based<br>SSL<br>(mg/kg) | MCL-based<br>SSL<br>(mg/kg) |
|  |             |   |             | 8.0E-04                         | I           |  |             |                                      |              | Pentachlorobenzene                               | 608-93-5   |                          |         |         | 2.9E+01                | 2.9E+01 |            |                                 | 2.2E-01                      |                             |
| 9.0E-02                                    | P           |   |             |                                 |             |  |             |                                      |              | Pentachloroethane                                | 76-01-7    | 7.5E-01                  |         | 7.5E-01 |                        |         |            |                                 | 3.6E-04                      |                             |
| 2.6E-01                                    | H           |   |             | 3.0E-03                         | I           |  |             |                                      |              | Pentachloronitrobenzene                          | 82-68-8    | 2.6E-01                  |         | 2.6E-01 | 1.1E+02                | 1.1E+02 |            |                                 | 3.2E-03                      |                             |
| 4.0E-01                                    | I           | 5.1E-06                                   | C           | 5.0E-03                         | I           |  |             |                                      |              | Pentachlorophenol                                | 87-86-5    | 1.7E-01                  |         | 1.7E-01 | 1.8E+02                | 1.8E+02 | 1.0E+00    |                                 | 1.7E-03                      | 1.0E-02                     |
|  |             |   |             |                                 |             | 1.0E+00                                  | P           | V                                    |              | Pentane, n-                                      | 109-66-0   |                          |         |         | 2.1E+03                | 2.1E+03 |            |                                 | 1.0E+01                      |                             |
|  |             |   |             | 7.0E-04                         | I           |  |             |                                      |              | Perchlorate and Perchlorate Salts                | 14797-73-0 |                          |         |         | 2.6E+01                | 2.6E+01 | 1.5E+01(F) |                                 |                              |                             |
|  |             |   |             | 5.0E-02                         | I           |  |             |                                      |              | Permethrin                                       | 52645-53-1 |                          |         |         | 1.8E+03                | 1.8E+03 |            |                                 | 4.3E+02                      |                             |
| 2.2E-03                                    | C           | 6.3E-07                                   | C           |                                 |             |  |             |                                      |              | Phenacetin                                       | 62-44-2    | 3.1E+01                  |         | 3.1E+01 |                        |         |            |                                 | 8.6E-03                      |                             |
|  |             |   |             | 2.5E-01                         | I           |  |             |                                      |              | Phenmedipham                                     | 13684-63-4 |                          |         |         | 9.1E+03                | 9.1E+03 |            |                                 | 4.9E+01                      |                             |
|  |             |   |             | 3.0E-01                         | I           | 2.0E-01                                  | C           |                                      |              | Phenol   | 108-95-2   |                          |         |         | 1.1E+04                | 1.1E+04 |            |                                 | 6.3E+00                      |                             |
| 4.7E-02                                    | H           |   |             | 6.0E-03                         | I           |  |             |                                      |              | Phenylenediamine, m-                             | 108-45-2   |                          |         |         | 2.2E+02                | 2.2E+02 |            |                                 | 5.9E-02                      |                             |
|  |             |   |             | 1.9E-01                         | H           |  |             |                                      |              | Phenylenediamine, o-                             | 95-54-5    | 1.4E+00                  |         | 1.4E+00 |                        |         |            |                                 | 3.8E-04                      |                             |
|  |             |   |             |                                 |             |  |             |                                      |              | Phenylenediamine, p-                             | 106-50-3   |                          |         |         | 6.9E+03                | 6.9E+03 |            |                                 | 1.9E+00                      |                             |
| 1.9E-03                                    | H           |   |             | 2.0E-04                         | H           |  |             |                                      |              | Phenylphenol, 2-                                 | 90-43-7    | 3.5E+01                  |         | 3.5E+01 |                        |         |            |                                 | 4.7E-01                      |                             |
|  |             |   |             |                                 |             | 3.0E-04                                  | I           | V                                    |              | Phorate  | 298-02-2   |                          |         |         | 7.3E+00                | 7.3E+00 |            |                                 | 8.2E-03                      |                             |
|  |             |   |             | 2.0E-02                         | I           |  |             |                                      |              | Phosgene   | 75-44-5    |                          |         |         |                        |         |            |                                 |                              |                             |
|  |             |   |             | 3.0E-04                         | I           | 3.0E-04                                  | I           |                                      |              | Phosmet  | 732-11-6   |                          |         |         | 7.3E+02                | 7.3E+02 |            |                                 | 1.6E-01                      |                             |
|  |             |   |             | 1.0E-02                         | I           |  |             |                                      |              | Phosphine  | 7803-51-2  |                          |         |         | 1.1E+01                | 1.1E+01 |            |                                 |                              |                             |
|  |             |   |             | 1.0E-02                         | I           |  |             |                                      |              | Phosphoric Acid                                  | 7664-38-2  |                          |         |         |                        |         |            |                                 |                              |                             |
|  |             |   |             | 2.0E-05                         | I           |  |             |                                      |              | Phosphorus, White                                | 7723-14-0  |                          |         |         | 7.3E-01                | 7.3E-01 |            |                                 | 2.7E-03                      |                             |
|  |             |   |             | 1.0E+00                         | H           |  |             |                                      |              | Phthalic Acid, P-                                | 100-21-0   |                          |         |         | 3.7E+04                | 3.7E+04 |            |                                 | 1.3E+01                      |                             |
|  |             |   |             | 2.0E+00                         | I           | 2.0E-02                                  | C           |                                      |              | Phthalic Anhydride                               | 85-44-9    |                          |         |         | 7.3E+04                | 7.3E+04 |            |                                 | 1.6E+01                      |                             |
|  |             |   |             | 7.0E-02                         | I           |  |             |                                      |              | Picloram   | 1918-02-1  |                          |         |         | 2.6E+03                | 2.6E+03 | 5.0E+02    |                                 | 7.1E-01                      | 1.4E-01                     |
|  |             |   |             | 1.0E-04                         | X           |  |             |                                      |              | Picramic Acid (2-Amino-4,6-dinitrophenol)        | 96-91-3    |                          |         |         | 3.7E+00                | 3.7E+00 |            |                                 | 2.4E-03                      |                             |
|  |             |   |             | 1.0E-02                         | I           |  |             |                                      |              | Pirimiphos, Methyl                               | 29232-93-7 |                          |         |         | 3.7E+02                | 3.7E+02 |            |                                 | 3.5E-01                      |                             |
| 3.0E+01                                    | C           | 8.6E-03                                   | C           | 7.0E-06                         | H           |  |             |                                      |              | Polybrominated Biphenyls                         | 59536-65-1 | 2.2E-03                  |         | 2.2E-03 | 2.6E-01                | 2.6E-01 |            |                                 |                              |                             |
|  |             |   |             |                                 |             |  |             |                                      |              | <b>Polychlorinated Biphenyls (PCBs)</b>          |            |                          |         |         |                        |         |            |                                 |                              |                             |
| 7.0E-02                                    | S           | 2.0E-05                                   | S           | 7.0E-05                         | I           |  |             |                                      |              | ~Aroclor 1016                                    | 12674-11-2 | 9.6E-01                  |         | 9.6E-01 | 2.6E+00                | 2.6E+00 |            |                                 | 9.2E-02                      |                             |
| 2.0E+00                                    | S           | 5.7E-04                                   | S           |                                 |             |  |             |                                      | V            | ~Aroclor 1221                                    | 11104-28-2 | 3.4E-02                  | 8.5E-03 | 6.8E-03 |                        |         |            |                                 | 1.2E-04                      |                             |
| 2.0E+00                                    | S           | 5.7E-04                                   | S           |                                 |             |  |             |                                      | V            | ~Aroclor 1232                                    | 11141-16-5 | 3.4E-02                  | 8.5E-03 | 6.8E-03 |                        |         |            |                                 | 1.2E-04                      |                             |
| 2.0E+00                                    | S           | 5.7E-04                                   | S           |                                 |             |  |             |                                      |              | ~Aroclor 1242                                    | 53469-21-9 | 3.4E-02                  |         | 3.4E-02 |                        |         |            |                                 | 5.3E-03                      |                             |
| 2.0E+00                                    | S           | 5.7E-04                                   | S           |                                 |             |  |             |                                      |              | ~Aroclor 1248                                    | 12672-29-6 | 3.4E-02                  |         | 3.4E-02 |                        |         |            |                                 | 5.2E-03                      |                             |
| 2.0E+00                                    | S           | 5.7E-04                                   | S           | 2.0E-05                         | I           |  |             |                                      |              | ~Aroclor 1254                                    | 11097-69-1 | 3.4E-02                  |         | 3.4E-02 | 7.3E-01                | 7.3E-01 |            |                                 | 8.8E-03                      |                             |
| 2.0E+00                                    | S           | 5.7E-04                                   | S           |                                 |             |  |             |                                      |              | ~Aroclor 1260                                    | 11096-82-5 | 3.4E-02                  |         | 3.4E-02 |                        |         |            |                                 | 2.4E-02                      |                             |
| 3.9E+00                                    | E           | 1.1E-03                                   | E           | 3.3E-05                         | E           | 1.3E-03                                  | E           |                                      |              | ~Heptachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 189) | 39635-31-9 | 1.7E-02                  |         | 1.7E-02 | 1.2E+00                | 1.2E+00 |            |                                 | 1.2E-02                      |                             |
| 3.9E+00                                    | E           | 1.1E-03                                   | E           | 3.3E-05                         | E           | 1.3E-03                                  | E           |                                      |              | ~Hexachlorobiphenyl, 2,3',4,4',5,5'-(PCB 167)    | 52663-72-6 | 1.7E-02                  |         | 1.7E-02 | 1.2E+00                | 1.2E+00 |            |                                 | 7.2E-03                      |                             |
| 3.9E+00                                    | E           | 1.1E-03                                   | E           | 3.3E-05                         | E           | 1.3E-03                                  | E           |                                      |              | ~Hexachlorobiphenyl, 2,3,3',4,4',5'-(PCB 157)    | 69782-90-7 | 1.7E-02                  |         | 1.7E-02 | 1.2E+00                | 1.2E+00 |            |                                 | 7.4E-03                      |                             |
| 3.9E+00                                    | E           | 1.1E-03                                   | E           | 3.3E-05                         | E           | 1.3E-03                                  | E           |                                      |              | ~Hexachlorobiphenyl, 2,3,3',4,4',5'-(PCB 156)    | 38380-08-4 | 1.7E-02                  |         | 1.7E-02 | 1.2E+00                | 1.2E+00 |            |                                 | 7.4E-03                      |                             |
| 3.9E+03                                    | E           | 1.1E+00                                   | E           | 3.3E-08                         | E           | 1.3E-06                                  | E           |                                      |              | ~Hexachlorobiphenyl, 3,3',4,4',5,5'-(PCB 169)    | 32774-16-6 | 1.7E-05                  |         | 1.7E-05 | 1.2E-03                | 1.2E-03 |            |                                 | 7.2E-06                      |                             |
| 3.9E+00                                    | E           | 1.1E-03                                   | E           | 3.3E-05                         | E           | 1.3E-03                                  | E           |                                      |              | ~Pentachlorobiphenyl, 2',3,4,4',5'-(PCB 123)     | 65510-44-3 | 1.7E-02                  |         | 1.7E-02 | 1.2E+00                | 1.2E+00 |            |                                 | 4.5E-03                      |                             |
| 3.9E+00                                    | E           | 1.1E-03                                   | E           | 3.3E-05                         | E           | 1.3E-03                                  | E           |                                      |              | ~Pentachlorobiphenyl, 2,3',4,4',5'-(PCB 118)     | 31508-00-6 | 1.7E-02                  |         | 1.7E-02 | 1.2E+00                | 1.2E+00 |            |                                 | 4.4E-03                      |                             |
| 3.9E+00                                    | E           | 1.1E-03                                   | E           | 3.3E-05                         | E           | 1.3E-03                                  | E           |                                      |              | ~Pentachlorobiphenyl, 2,3,3',4,4'-(PCB 105)      | 32598-14-4 | 1.7E-02                  |         | 1.7E-02 | 1.2E+00                | 1.2E+00 |            |                                 | 4.5E-03                      |                             |
| 3.9E+00                                    | E           | 1.1E-03                                   | E           | 3.3E-05                         | E           | 1.3E-03                                  | E           |                                      |              | ~Pentachlorobiphenyl, 2,3,4,4',5'-(PCB 114)      | 74472-37-0 | 1.7E-02                  |         | 1.7E-02 | 1.2E+00                | 1.2E+00 |            |                                 | 4.5E-03                      |                             |
| 1.3E+04                                    | E           | 3.8E+00                                   | E           | 1.0E-08                         | E           | 4.0E-07                                  | E           |                                      |              | ~Pentachlorobiphenyl, 3,3',4,4',5'-(PCB 126)     | 57465-28-8 | 5.2E-06                  |         | 5.2E-06 | 3.7E-04                | 3.7E-04 |            |                                 | 1.3E-06                      |                             |
| 2.0E+00                                    | I           | 5.7E-04                                   | I           |                                 |             |  |             |                                      |              | ~Polychlorinated Biphenyls (high risk)           | 1336-36-3  |                          |         |         |                        |         |            |                                 |                              |                             |
| 4.0E-01                                    | I           | 1.0E-04                                   | I           |                                 |             |  |             |                                      |              | ~Polychlorinated Biphenyls (low risk)            | 1336-36-3  | 1.7E-01                  |         | 1.7E-01 |                        |         |            | 5.0E-01                         | 2.6E-02                      | 7.8E-02                     |
| 7.0E-02                                    | I           | 2.0E-05                                   | I           |                                 |             |  |             |                                      |              | ~Polychlorinated Biphenyls (lowest risk)         | 1336-36-3  |                          |         |         |                        |         |            |                                 |                              |                             |
| 1.3E+01                                    | E           | 3.8E-03                                   | E           | 1.0E-05                         | E           | 4.0E-04                                  | E           |                                      |              | ~Tetrachlorobiphenyl, 3,3',4,4'-(PCB 77)         | 32598-13-3 | 5.2E-03                  |         | 5.2E-03 | 3.7E-01                | 3.7E-01 |            |                                 | 8.1E-04                      |                             |
| 3.9E+01                                    | E           | 1.1E-02                                   | E           | 3.3E-06                         | E           | 1.3E-04                                  | E           |                                      |              | ~Tetrachlorobiphenyl, 3,4,4',5'-(PCB 81)         | 70362-50-4 | 1.7E-03                  |         | 1.7E-03 | 1.2E-01                | 1.2E-01 |            |                                 | 2.7E-04                      |                             |
|  |             |   |             | 6.0E-04                         | I           |  |             |                                      |              | Polymeric Methylene Diphenyl Diisocyanate (PMDI) | 9016-87-9  |                          |         |         |                        |         |            |                                 |                              |                             |



Regional Screening Level (RSL) Soil to Groundwater Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information      |             |   |             |                                 |             |  | Contaminant |   | Carcinogenic Target Risk          |            |         | Noncancer Hazard Index |         |         | Protection of Ground Water SSLs |         |               |                              |                             |
|---|-------------|---|-------------|---------------------------------|-------------|--|-------------|---|-----------------------------------|------------|---------|------------------------|---------|---------|---------------------------------|---------|---------------|------------------------------|-----------------------------|
| SFO<br>(mg/kg-day) <sup>-1</sup>                | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>u<br>t<br>a<br>g<br>e<br>n | Analyte                           | CAS No.    | ingc    | inhc                   | prgc    | ingn    | inhn                            | prgn    | MCL<br>(ug/L) | Risk-based<br>SSL<br>(mg/kg) | MCL-based<br>SSL<br>(mg/kg) |
| <b>Polynuclear Aromatic Hydrocarbons (PAHs)</b> |             |   |             |                                 |             |  |             |   |                                   |            |         |                        |         |         |                                 |         |               |                              |                             |
|   |             |   |             | 6.0E-02                         | I           |  |             | V   | ~Acenaphthene                     | 83-32-9    |         |                        |         | 2.2E+03 | 2.2E+03                         |         |               | 2.2E+01                      |                             |
|   |             |   |             | 3.0E-01                         | I           |  |             | V   | ~Anthracene                       | 120-12-7   |         |                        |         | 1.1E+04 | 1.1E+04                         |         |               | 3.6E+02                      |                             |
| 7.3E-01   | E           | 1.1E-04                                   | C           |                                 |             |  |             |   | ~Benz[a]anthracene                | 56-55-3    | 2.9E-02 |                        | 2.9E-02 |         |                                 |         |               | 1.0E-02                      |                             |
| 1.2E+00   | C           | 1.1E-04                                   | C           |                                 |             |  |             |   | ~Benzo[j]fluoranthene             | 205-82-3   | 5.6E-02 |                        | 5.6E-02 |         |                                 |         |               | 6.7E-02                      |                             |
| 7.3E+00   | I           | 1.1E-03                                   | C           |                                 |             |  |             |   | ~Benzo[a]pyrene                   | 50-32-8    | 2.9E-03 |                        | 2.9E-03 |         |                                 |         | 2.0E-01       | 3.5E-03                      | 2.4E-01                     |
| 7.3E-01   | E           | 1.1E-04                                   | C           |                                 |             |  |             |   | ~Benzo[b]fluoranthene             | 205-99-2   | 2.9E-02 |                        | 2.9E-02 |         |                                 |         |               | 3.5E-02                      |                             |
| 7.3E-02   | E           | 1.1E-04                                   | C           |                                 |             |  |             |   | ~Benzo[k]fluoranthene             | 207-08-9   | 2.9E-01 |                        | 2.9E-01 |         |                                 |         |               | 3.5E-01                      |                             |
| 7.3E-03   | E           | 1.1E-05                                   | C           |                                 |             |  |             |   | ~Chrysene                         | 218-01-9   | 2.9E+00 |                        | 2.9E+00 |         |                                 |         |               | 1.1E+00                      |                             |
| 7.3E+00   | E           | 1.2E-03                                   | C           |                                 |             |  |             |   | ~Dibenz[a,h]anthracene            | 53-70-3    | 2.9E-03 |                        | 2.9E-03 |         |                                 |         |               | 1.1E-02                      |                             |
| 1.2E+01   | C           | 1.1E-03                                   | C           |                                 |             |  |             |   | ~Dibenzo(a,e)pyrene               | 192-65-4   | 5.6E-03 |                        | 5.6E-03 |         |                                 |         |               | 7.3E-02                      |                             |
| 2.5E+02   | C           | 7.1E-02                                   | C           |                                 |             |  |             |   | ~Dimethylbenz(a)anthracene, 7,12- | 57-97-6    | 2.7E-04 |                        | 2.7E-04 |         |                                 |         |               | 2.7E-04                      |                             |
|   |             |   |             | 4.0E-02                         | I           |  |             |   | ~Fluoranthene                     | 206-44-0   |         |                        |         | 1.5E+03 | 1.5E+03                         |         |               | 1.6E+02                      |                             |
|   |             |   |             | 4.0E-02                         | I           |  |             | V   | ~Fluorene                         | 86-73-7    |         |                        |         | 1.5E+03 | 1.5E+03                         |         |               | 2.7E+01                      |                             |
| 7.3E-01   | E           | 1.1E-04                                   | C           |                                 |             |  |             |   | ~Indeno[1,2,3-cd]pyrene           | 193-39-5   | 2.9E-02 |                        | 2.9E-02 |         |                                 |         |               | 1.2E-01                      |                             |
| 2.9E-02   | P           |   |             | 7.0E-02                         | A           |  |             | V   | ~Methylnaphthalene, 1-            | 90-12-0    | 2.3E+00 |                        | 2.3E+00 | 2.6E+03 | 2.6E+03                         |         |               | 1.2E-02                      |                             |
|   |             |   |             | 4.0E-03                         | I           |  |             | V   | ~Methylnaphthalene, 2-            | 91-57-6    |         |                        |         | 1.5E+02 | 1.5E+02                         |         |               | 7.5E-01                      |                             |
|   |             | 3.4E-05                                   | C           | 2.0E-02                         | I           | 3.0E-03                                  | I           | V   | ~Naphthalene                      | 91-20-3    |         | 1.4E-01                | 1.4E-01 | 7.3E+02 | 6.3E+00                         | 6.2E+00 |               | 4.7E-04                      |                             |
| 1.2E+00   | C           | 1.1E-04                                   | C           |                                 |             |  |             |   | ~Nitropyrene, 4-                  | 57835-92-4 | 5.6E-02 |                        | 5.6E-02 |         |                                 |         |               | 9.7E-03                      |                             |
|   |             |   |             | 3.0E-02                         | I           |  |             | V   | ~Pyrene                           | 129-00-0   |         |                        |         | 1.1E+03 | 1.1E+03                         |         |               | 1.2E+02                      |                             |
|   |             |   |             | 7.0E-04                         | I           |  |             |   | Potassium Perchlorate             | 7778-74-7  |         |                        |         | 2.6E+01 | 2.6E+01                         |         |               | 2.3E-03                      |                             |
| 1.5E-01   | I           |   |             | 9.0E-03                         | I           |  |             |   | Prochloraz                        | 67747-09-5 | 4.5E-01 |                        | 4.5E-01 | 3.3E+02 | 3.3E+02                         |         |               | 1.3E+01                      |                             |
|   |             |   |             | 6.0E-03                         | H           |  |             |   | Profluralin                       | 26399-36-0 |         |                        |         | 2.2E+02 | 2.2E+02                         |         |               | 1.3E+01                      |                             |
|   |             |   |             | 1.5E-02                         | I           |  |             |   | Prometon                          | 1610-18-0  |         |                        |         | 5.5E+02 | 5.5E+02                         |         |               | 2.6E-01                      |                             |
|   |             |   |             | 4.0E-03                         | I           |  |             |   | Prometryn                         | 7287-19-6  |         |                        |         | 1.5E+02 | 1.5E+02                         |         |               | 2.2E-01                      |                             |
|   |             |   |             | 1.3E-02                         | I           |  |             |   | Propachlor                        | 1918-16-7  |         |                        |         | 4.7E+02 | 4.7E+02                         |         |               | 2.9E-01                      |                             |
|   |             |   |             | 5.0E-03                         | I           |  |             |   | Propanil                          | 709-98-8   |         |                        |         | 1.8E+02 | 1.8E+02                         |         |               | 1.0E-01                      |                             |
|   |             |   |             | 2.0E-02                         | I           |  |             |   | Propargite                        | 2312-35-8  |         |                        |         | 7.3E+02 | 7.3E+02                         |         |               | 5.4E+01                      |                             |
|   |             |   |             | 2.0E-03                         | I           |  |             |   | Propargyl Alcohol                 | 107-19-7   |         |                        |         | 7.3E+01 | 7.3E+01                         |         |               | 1.5E-02                      |                             |
|   |             |   |             | 2.0E-02                         | I           |  |             |   | Propazine                         | 139-40-2   |         |                        |         | 7.3E+02 | 7.3E+02                         |         |               | 6.5E-01                      |                             |
|   |             |   |             | 2.0E-02                         | I           |  |             |   | Propham                           | 122-42-9   |         |                        |         | 7.3E+02 | 7.3E+02                         |         |               | 4.7E-01                      |                             |
|   |             |   |             | 1.3E-02                         | I           |  |             |   | Propiconazole                     | 60207-90-1 |         |                        |         | 4.7E+02 | 4.7E+02                         |         |               | 1.6E+00                      |                             |
|   |             |   |             |                                 |             | 8.0E-03                                  | I           | V   | Propionaldehyde                   | 123-38-6   |         |                        |         | 1.7E+01 | 1.7E+01                         |         |               | 3.4E-03                      |                             |
|   |             |   |             | 1.0E-01                         | X           | 1.0E+00                                  | X           | V   | Propyl benzene                    | 103-65-1   |         |                        |         | 3.7E+03 | 2.1E+03                         | 1.3E+03 |               | 2.5E+00                      |                             |
|   |             |   |             | 3.0E+00                         | C           |  |             |   | Propylene                         | 115-07-1   |         |                        |         |         |                                 |         |               |                              |                             |
|   |             |   |             | 2.0E+01                         | P           |  |             |   | Propylene Glycol                  | 57-55-6    |         |                        |         | 7.3E+05 | 7.3E+05                         |         |               | 1.5E+02                      |                             |
|   |             |   |             |                                 |             | 2.7E-04                                  | A           | V   | Propylene Glycol Dinitrate        | 6423-43-4  |         |                        |         | 5.7E-01 | 5.7E-01                         |         |               | 1.8E-04                      |                             |
|   |             |   |             | 7.0E-01                         | H           |  |             |   | Propylene Glycol Monoethyl Ether  | 1569-02-4  |         |                        |         | 2.6E+04 | 2.6E+04                         |         |               | 5.2E+00                      |                             |
|   |             |   |             | 7.0E-01                         | H           | 2.0E+00                                  | I           |   | Propylene Glycol Monomethyl Ether | 107-98-2   |         |                        |         | 2.6E+04 | 2.6E+04                         |         |               | 5.2E+00                      |                             |
| 2.4E-01   | I           | 3.7E-06                                   | I           |                                 |             | 3.0E-02                                  | I           | V   | Propylene Oxide                   | 75-56-9    | 2.8E-01 | 1.3E+00                | 2.3E-01 |         | 6.3E+01                         | 6.3E+01 |               | 4.9E-05                      |                             |
|   |             |   |             | 2.5E-01                         | I           |  |             |   | Pursuit                           | 81335-77-5 |         |                        |         | 9.1E+03 | 9.1E+03                         |         |               | 8.0E+00                      |                             |
|   |             |   |             | 2.5E-02                         | I           |  |             |   | Pydrin                            | 51630-58-1 |         |                        |         | 9.1E+02 | 9.1E+02                         |         |               | 5.8E+02                      |                             |
|   |             |   |             | 1.0E-03                         | I           |  |             | V   | Pyridine                          | 110-86-1   |         |                        |         | 3.7E+01 | 3.7E+01                         |         |               | 1.3E-02                      |                             |
|   |             |   |             | 5.0E-04                         | I           |  |             |   | Quinalphos                        | 13593-03-8 |         |                        |         | 1.8E+01 | 1.8E+01                         |         |               | 1.6E-01                      |                             |
| 3.0E+00   | I           |   |             |                                 |             | 3.0E-02                                  | A           |   | Quinoline                         | 91-22-5    | 2.2E-02 |                        | 2.2E-02 |         |                                 |         |               | 7.4E-05                      |                             |
|   |             |   |             | 3.0E-02                         | I           |  |             |   | Refractory Ceramic Fibers         | NA         |         |                        |         |         |                                 |         |               |                              |                             |
|   |             |   |             | 5.0E-02                         | H           |  |             |   | Resmethrin                        | 10453-86-8 |         |                        |         | 1.1E+03 | 1.1E+03                         |         |               | 6.8E+02                      |                             |
|   |             |   |             | 4.0E-03                         | I           |  |             |   | Ronnel                            | 299-84-3   |         |                        |         | 1.8E+03 | 1.8E+03                         |         |               | 1.7E+01                      |                             |
| 2.2E-01   | C           | 6.3E-05                                   | C           |                                 |             |  |             |   | Rotenone                          | 83-79-4    |         |                        |         | 1.5E+02 | 1.5E+02                         |         |               | 7.6E+01                      |                             |
|   |             |   |             |                                 |             |  |             |   | Safrole                           | 94-59-7    | 3.1E-01 |                        | 3.1E-01 |         |                                 |         |               | 1.9E-04                      |                             |

Regional Screening Level (RSL) Soil to Groundwater Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |   |             |                                 |             |  | Contaminant |   | Carcinogenic Target Risk   |                        |         | Noncancer Hazard Index |         |         | Protection of Ground Water SSLs |         |               |                              |                             |
|--|-------------|---|-------------|---------------------------------|-------------|--|-------------|---|--|------------------------|---------|------------------------|---------|---------|---------------------------------|---------|---------------|------------------------------|-----------------------------|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>u<br>t<br>a<br>g<br>e<br>n | Analyte  | CAS No.                | ingc    | inhc                   | prgc    | ingn    | inhn                            | prgn    | MCL<br>(ug/L) | Risk-based<br>SSL<br>(mg/kg) | MCL-based<br>SSL<br>(mg/kg) |
|  |             |   |             | 2.5E-02                         | I           |  |             |   | Savey  | 78587-05-0             |         |                        |         | 9.1E+02 |                                 | 9.1E+02 |               | 4.1E+00                      |                             |
|  |             |   |             | 5.0E-03                         | I           |  |             |   | Selenious Acid   | 7783-00-8              |         |                        |         | 1.8E+02 |                                 | 1.8E+02 |               |                              |                             |
|  |             |   |             | 5.0E-03                         | I           | 2.0E-02                                  | C           |   | Selenium   | 7782-49-2              |         |                        |         | 1.8E+02 |                                 | 1.8E+02 | 5.0E+01       | 9.5E-01                      | 2.6E-01                     |
|  |             |   |             | 5.0E-03                         | C           | 2.0E-02                                  | C           |   | Selenium Sulfide   | 7446-34-6              |         |                        |         | 1.8E+02 |                                 | 1.8E+02 |               |                              |                             |
|  |             |   |             | 9.0E-02                         | I           |  |             |   | Sethoxydim   | 74051-80-2             |         |                        |         | 3.3E+03 |                                 | 3.3E+03 |               | 2.9E+01                      |                             |
|  |             |   |             |                                 |             | 3.0E-03                                  | C           |   | Silica (crystalline, respirable)                                       | 7631-86-9              |         |                        |         |         |                                 |         |               |                              |                             |
| 1.2E-01                                    | H           |   |             | 5.0E-03                         | I           |  |             |   | Silver   | 7440-22-4              |         |                        |         | 1.8E+02 |                                 | 1.8E+02 |               | 1.6E+00                      |                             |
|  |             |   |             | 5.0E-03                         | I           |  |             |   | Simazine   | 122-34-9               | 5.6E-01 |                        | 5.6E-01 | 1.8E+02 |                                 | 1.8E+02 | 4.0E+00       | 2.8E-04                      | 2.0E-03                     |
|  |             |   |             | 1.3E-02                         | I           |  |             |   | Sodium Acifluorfen   | 62476-59-9             |         |                        |         | 4.7E+02 |                                 | 4.7E+02 |               | 3.8E+00                      |                             |
|  |             |   |             | 4.0E-03                         | I           |  |             |   | Sodium Azide   | 26628-22-8             |         |                        |         | 1.5E+02 |                                 | 1.5E+02 |               |                              |                             |
| 2.7E-01                                    | H           |   |             | 3.0E-02                         | I           |  |             |   | Sodium Diethyldithiocarbamate  | 148-18-5               | 2.5E-01 |                        | 2.5E-01 | 1.1E+03 |                                 | 1.1E+03 |               |                              |                             |
|  |             |   |             | 5.0E-02                         | A           | 1.3E-02                                  | C           |   | Sodium Fluoride  | 7681-49-4              |         |                        |         | 1.8E+03 |                                 | 1.8E+03 |               |                              |                             |
|  |             |   |             | 2.0E-05                         | I           |  |             |   | Sodium Fluoroacetate   | 62-74-8                |         |                        |         | 7.3E-01 |                                 | 7.3E-01 |               | 1.5E-04                      |                             |
|  |             |   |             | 1.0E-03                         | H           |  |             |   | Sodium Metavanadate  | 13718-26-8             |         |                        |         | 3.7E+01 |                                 | 3.7E+01 |               |                              |                             |
|  |             |   |             | 7.0E-04                         | I           |  |             |   | Sodium Perchlorate   | 7601-89-0              |         |                        |         | 2.6E+01 |                                 | 2.6E+01 |               |                              |                             |
| 2.4E-02                                    | H           |   |             | 3.0E-02                         | I           |  |             |   | Stirofos (Tetrachlorovinphos)  | 961-11-5               | 2.8E+00 |                        | 2.8E+00 | 1.1E+03 |                                 | 1.1E+03 |               | 8.3E-03                      |                             |
|  |             |   |             | 6.0E-01                         | I           |  |             |   | Strontium, Stable  | 7440-24-6              |         |                        |         | 2.2E+04 |                                 | 2.2E+04 |               | 7.7E+02                      |                             |
|  |             |   |             | 3.0E-04                         | I           |  |             |   | Strychnine   | 57-24-9                |         |                        |         | 1.1E+01 |                                 | 1.1E+01 |               | 1.2E-01                      |                             |
|  |             |   |             | 2.0E-01                         | I           | 1.0E+00                                  | I           | V   | Styrene  | 100-42-5               |         |                        |         | 7.3E+03 | 2.1E+03                         | 1.6E+03 | 1.0E+02       | 1.8E+00                      | 1.1E-01                     |
|  |             |   |             | 8.0E-04                         | P           |  |             |   | Sulfonylbis(4-chlorobenzene), 1,1'-                                    | 80-07-9                |         |                        |         | 2.9E+01 |                                 | 2.9E+01 |               | 1.7E-01                      |                             |
|  |             |   |             |                                 |             | 1.0E-03                                  | C           |   | Sulfuric Acid  | 7664-93-9              |         |                        |         |         |                                 |         |               |                              |                             |
|  |             |   |             | 2.5E-02                         | I           |  |             |   | Sythane  | 88671-89-0             |         |                        |         | 9.1E+02 |                                 | 9.1E+02 |               | 1.1E+01                      |                             |
|  |             |   |             | 3.0E-02                         | H           |  |             |   | TCMTB  | 21564-17-0             |         |                        |         | 1.1E+03 |                                 | 1.1E+03 |               | 7.6E+00                      |                             |
|  |             |   |             | 7.0E-02                         | I           |  |             |   | Tebuthiuron  | 34014-18-1             |         |                        |         | 2.6E+03 |                                 | 2.6E+03 |               | 7.3E-01                      |                             |
|  |             |   |             | 2.0E-02                         | H           |  |             |   | Temephos   | 3383-96-8              |         |                        |         | 7.3E+02 |                                 | 7.3E+02 |               | 1.4E+02                      |                             |
|  |             |   |             | 1.3E-02                         | I           |  |             |   | Terbacil   | 5902-51-2              |         |                        |         | 4.7E+02 |                                 | 4.7E+02 |               | 1.4E-01                      |                             |
|  |             |   |             | 2.5E-05                         | H           |  |             |   | Terbufos   | 13071-79-9             |         |                        |         | 9.1E-01 |                                 | 9.1E-01 |               | 2.0E-03                      |                             |
|  |             |   |             | 1.0E-03                         | I           |  |             |   | Terbutryn  | 886-50-0               |         |                        |         | 3.7E+01 |                                 | 3.7E+01 |               | 5.2E-02                      |                             |
|  |             |   |             | 1.0E-04                         | I           |  |             |   | Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)                          | 5436-43-1              |         |                        |         | 3.7E+00 |                                 | 3.7E+00 |               | 9.7E-02                      |                             |
|  |             |   |             | 3.0E-04                         | I           |  |             |   | Tetrachlorobenzene, 1,2,4,5-   | 95-94-3                |         |                        |         | 1.1E+01 |                                 | 1.1E+01 |               | 5.1E-02                      |                             |
| 2.6E-02                                    | I           | 7.4E-06                                   | I           | 3.0E-02                         | I           |  |             |   | Tetrachloroethane, 1,1,1,2-  | 630-20-6               | 2.6E+00 | 6.6E-01                | 5.2E-01 | 1.1E+03 |                                 | 1.1E+03 |               | 2.0E-04                      |                             |
| 2.0E-01                                    | I           | 5.8E-05                                   | C           | 2.0E-02                         | I           |  |             |   | Tetrachloroethane, 1,1,2,2-  | 79-34-5                | 3.4E-01 | 8.4E-02                | 6.7E-02 | 7.3E+02 |                                 | 7.3E+02 |               | 2.6E-05                      |                             |
| 5.4E-01                                    | C           | 5.9E-06                                   | C           | 1.0E-02                         | I           | 2.7E-01                                  | A           | V   | Tetrachloroethylene  | 127-18-4               | 1.2E-01 | 8.2E-01                | 1.1E-01 | 3.7E+02 | 5.7E+02                         | 2.2E+02 | 5.0E+00       | 4.9E-05                      | 2.3E-03                     |
|  |             |   |             | 3.0E-02                         | I           |  |             |   | Tetrachlorophenol, 2,3,4,6-  | 58-90-2                |         |                        |         | 1.1E+03 |                                 | 1.1E+03 |               | 6.7E+00                      |                             |
| 2.0E+01                                    | H           |   |             | 5.0E-04                         | I           |  |             |   | Tetrachlorotoluene, p- alpha, alpha-<br>Tetraethyl Dithiopyrophosphate | 5216-25-1<br>3689-24-5 | 3.4E-03 |                        | 3.4E-03 | 1.8E+01 |                                 | 1.8E+01 |               | 1.1E-05<br>1.3E-02           |                             |
|  |             |   |             |                                 |             | 8.0E+01                                  | I           | V   | Tetrafluoroethane, 1,1,1,2-  | 811-97-2               |         |                        |         | 1.7E+05 |                                 | 1.7E+05 |               | 9.3E+01                      |                             |
|  |             |   |             | 4.0E-03                         | P           |  |             |   | Tetryl (Trinitrophenylmethylnitramine)                                 | 479-45-8               |         |                        |         | 1.5E+02 |                                 | 1.5E+02 |               | 1.4E+00                      |                             |
|  |             |   |             |                                 |             |  |             |   | Thallium (Soluble Salts)   | 7440-28-0              |         |                        |         |         |                                 |         | 2.0E+00       |                              | 1.4E-01                     |
|  |             |   |             | 1.0E-02                         | I           |  |             |   | Thiobencarb  | 28249-77-6             |         |                        |         | 3.7E+02 |                                 | 3.7E+02 |               | 1.3E+00                      |                             |
|  |             |   |             | 7.0E-02                         | X           |  |             |   | Thiodiglycol   | 111-48-8               |         |                        |         | 2.6E+03 |                                 | 2.6E+03 |               | 5.2E-01                      |                             |
|  |             |   |             | 3.0E-04                         | H           |  |             |   | Thiofanox  | 39196-18-4             |         |                        |         | 1.1E+01 |                                 | 1.1E+01 |               | 3.8E-03                      |                             |
|  |             |   |             | 8.0E-02                         | I           |  |             |   | Thiophanate, Methyl  | 23564-05-8             |         |                        |         | 2.9E+03 |                                 | 2.9E+03 |               | 2.5E+00                      |                             |
|  |             |   |             | 5.0E-03                         | I           |  |             |   | Thiram   | 137-26-8               |         |                        |         | 1.8E+02 |                                 | 1.8E+02 |               | 2.6E-01                      |                             |
|  |             |   |             | 6.0E-01                         | H           |  |             |   | Tin  | 7440-31-5              |         |                        |         | 2.2E+04 |                                 | 2.2E+04 |               | 5.5E+03                      |                             |
|  |             |   |             |                                 |             | 1.0E-04                                  | A           |   | Titanium Tetrachloride   | 7550-45-0              |         |                        |         | 2.9E+03 | 1.0E+04                         | 2.3E+03 | 1.0E+03       | 1.6E+00                      | 6.9E-01                     |
| 1.9E-01                                    | H           |   |             | 8.0E-02                         | I           | 5.0E+00                                  | I           | V   | Toluene  | 108-88-3               |         |                        |         |         |                                 |         |               | 1.5E-04                      |                             |
|  |             |   |             |                                 |             |  |             |   | Toluidine, p-  | 106-49-0               | 3.5E-01 |                        | 3.5E-01 |         |                                 |         |               |                              |                             |
| 1.1E+00                                    | I           | 3.2E-04                                   | I           |                                 |             |  |             |   | Toxaphene  | 8001-35-2              | 6.1E-02 |                        | 6.1E-02 |         |                                 |         | 3.0E+00       | 9.4E-03                      | 4.6E-01                     |
|  |             |   |             | 7.5E-03                         | I           |  |             |   | Tralometrin  | 66841-25-6             |         |                        |         | 2.7E+02 |                                 | 2.7E+02 |               | 1.0E+02                      |                             |

Regional Screening Level (RSL) Soil to Groundwater Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |   |             |                                 |             |  |             |                                      |              | Contaminant                  |   | Carcinogenic Target Risk |           |         | Noncancer Hazard Index |         |         | Protection of Ground Water SSLs |                              |                             |         |         |
|--|-------------|---|-------------|---------------------------------|-------------|--|-------------|--------------------------------------|--------------|------------------------------|---|--------------------------|-----------|---------|------------------------|---------|---------|---------------------------------|------------------------------|-----------------------------|---------|---------|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>a<br>t<br>i<br>l<br>e | muta-<br>gen | Analyte                      | CAS No.                                 | ingc                     | inhc      | prgc    | ingn                   | inhn    | prgn    | MCL<br>(ug/L)                   | Risk-based<br>SSL<br>(mg/kg) | MCL-based<br>SSL<br>(mg/kg) |         |         |
|  |             |   |             | 3.0E-04                         |             | A  |             |                                      |              | Tri-n-butyltin               | 688-73-3                                |                          |           |         | 1.1E+01                | 1.1E+01 |         |                                 | 2.4E-01                      |                             |         |         |
|  |             |   |             | 1.3E-02                         |             | I  |             |                                      |              | Triallate                    | 2303-17-5                               |                          |           |         | 4.7E+02                | 4.7E+02 |         |                                 | 1.1E+00                      |                             |         |         |
|  |             |   |             | 1.0E-02                         |             | I  |             |                                      |              | Triasulfuron                 | 82097-50-5                              |                          |           |         | 3.7E+02                | 3.7E+02 |         |                                 | 3.8E-01                      |                             |         |         |
|  |             |   |             | 5.0E-03                         |             | I  |             |                                      |              | Tribromobenzene, 1,2,4-      | 615-54-3                                |                          |           |         | 1.8E+02                | 1.8E+02 |         |                                 | 2.6E-01                      |                             |         |         |
| 9.2E-03                                    |             | P   |             | 2.0E-01                         |             | P  |             |                                      |              | Tributyl Phosphate           | 126-73-8                                | 7.3E+00                  |           | 7.3E+00 | 7.3E+03                | 7.3E+03 |         |                                 | 3.6E-02                      |                             |         |         |
|  |             |   |             | 3.0E-04                         |             | P  |             |                                      |              | Tributyltin Compounds        | NA                                      |                          |           |         | 1.1E+01                | 1.1E+01 |         |                                 |                              |                             |         |         |
|  |             |   |             | 3.0E-04                         |             | I  |             |                                      |              | Tributyltin Oxide            | 56-35-9                                 |                          |           |         | 1.1E+01                | 1.1E+01 |         |                                 | 5.7E+02                      |                             |         |         |
|  |             |   |             | 3.0E+01                         |             | I  | 3.0E+01     |                                      | H            | V                            | Trichloro-1,2,2-trifluoroethane, 1,1,2- | 76-13-1                  |           |         |                        | 1.1E+06 | 6.3E+04 | 5.9E+04                         |                              | 1.5E+02                     |         |         |
| 2.9E-02                                    |             | H   |             |                                 |             |  |             |                                      |              | Trichloroacetic Acid         | 76-03-9                                 |                          |           |         |                        |         |         | 6.0E+01                         |                              | 1.2E-02                     |         |         |
|  |             |   |             |                                 |             |  |             |                                      |              | Trichloroaniline HCl, 2,4,6- | 33663-50-2                              | 2.3E+00                  |           | 2.3E+00 |                        |         |         |                                 |                              | 6.4E-03                     |         |         |
|  |             |   |             |                                 |             |  |             |                                      |              | Trichloroaniline, 2,4,6-     | 634-93-5                                | 2.0E+00                  |           | 2.0E+00 |                        |         |         |                                 |                              | 1.8E-02                     |         |         |
|  |             |   |             | 8.0E-04                         |             | X  |             |                                      |              | V                            | Trichlorobenzene, 1,2,3-                | 87-61-6                  |           |         |                        | 2.9E+01 | 2.9E+01 |                                 |                              | 8.7E-02                     |         |         |
| 2.9E-02                                    |             | P   |             | 1.0E-02                         |             | I  | 2.0E-03     |                                      | P            | V                            | Trichlorobenzene, 1,2,4-                | 120-82-1                 | 2.3E+00   |         | 2.3E+00                | 3.7E+02 | 4.2E+00 | 4.1E+00                         | 7.0E+01                      | 6.8E-03                     | 2.0E-01 |         |
|  |             |   |             | 2.0E+00                         |             | I  | 5.0E+00     |                                      | I            | V                            | Trichloroethane, 1,1,1-                 | 71-55-6                  |           |         |                        | 7.3E+04 | 1.0E+04 | 9.1E+03                         | 2.0E+02                      | 3.2E+00                     | 7.0E-02 |         |
| 5.7E-02                                    |             | I   | 1.6E-05     |                                 |             | I  | 4.0E-03     |                                      |              | V                            | Trichloroethane, 1,1,2-                 | 79-00-5                  | 1.2E+00   | 3.0E-01 | 2.4E-01                | 1.5E+02 | 1.5E+02 |                                 | 5.0E+00                      | 7.8E-05                     | 1.6E-03 |         |
| 5.9E-03                                    |             | C   | 2.0E-06     |                                 |             | C  |             |                                      |              | V                            | Trichloroethylene                       | 79-01-6                  | 1.1E+01   | 2.4E+00 | 2.0E+00                |         |         | 5.0E+00                         | 7.2E-04                      | 1.8E-03                     |         |         |
|  |             |   |             | 3.0E-01                         |             | I  | 7.0E-01     |                                      | H            | V                            | Trichlorofluoromethane                  | 75-69-4                  |           |         |                        | 1.1E+04 | 1.5E+03 | 1.3E+03                         |                              | 8.3E-01                     |         |         |
| 1.1E-02                                    |             | I   | 3.1E-06     |                                 |             | I  | 1.0E-01     |                                      |              |                              | Trichlorophenol, 2,4,5-                 | 95-95-4                  |           |         |                        | 3.7E+03 | 3.7E+03 |                                 | 1.4E+01                      |                             |         |         |
|  |             |   |             | 1.0E-02                         |             | I  | 1.0E-03     |                                      |              |                              | Trichlorophenol, 2,4,6-                 | 88-06-2                  | 6.1E+00   |         | 6.1E+00                | 3.7E+01 | 3.7E+01 |                                 | 2.3E-02                      |                             |         |         |
|  |             |   |             | 1.0E-02                         |             | I  |             |                                      |              |                              | Trichlorophenoxyacetic Acid, 2,4,5-     | 93-76-5                  |           |         |                        | 3.7E+02 | 3.7E+02 |                                 | 1.5E-01                      |                             |         |         |
|  |             |   |             | 8.0E-03                         |             | I  |             |                                      |              |                              | Trichlorophenoxypropionic acid, -2,4,5  | 93-72-1                  |           |         |                        | 2.9E+02 | 2.9E+02 | 5.0E+01                         | 1.6E-01                      | 2.8E-02                     |         |         |
|  |             |   |             | 5.0E-03                         |             | I  |             |                                      |              | V                            | Trichloropropane, 1,1,2-                | 598-77-6                 |           |         |                        | 1.8E+02 | 1.8E+02 |                                 | 7.1E-02                      |                             |         |         |
| 3.0E+01                                    |             | I   |             | 4.0E-03                         |             | I  | 3.0E-04     |                                      | I            | V                            | M                                       | Trichloropropane, 1,2,3- | 96-18-4   | 7.2E-04 |                        | 7.2E-04 | 1.5E+02 | 6.3E-01                         | 6.2E-01                      | 3.1E-07                     |         |         |
|  |             |   |             | 3.0E-03                         |             | X  | 3.0E-04     |                                      | P            | V                            | Trichloropropene, 1,2,3-                | 96-19-5                  |           |         |                        | 1.1E+02 | 6.3E-01 | 6.2E-01                         | 3.1E-04                      |                             |         |         |
|  |             |   |             | 3.0E-03                         |             | I  |             |                                      |              |                              | Tridiphane                              | 58138-08-2               |           |         |                        | 1.1E+02 | 1.1E+02 |                                 | 7.8E-01                      |                             |         |         |
| 7.7E-03                                    |             | I   |             |                                 |             |  | 7.0E-03     |                                      | I            | V                            | Triethylamine                           | 121-44-8                 |           |         |                        | 1.5E+01 | 1.5E+01 |                                 | 4.4E-03                      |                             |         |         |
| 3.7E-02                                    |             | H   |             | 7.5E-03                         |             | I  |             |                                      |              |                              | Trifluralin                             | 1582-09-8                | 8.7E+00   |         | 8.7E+00                | 2.7E+02 | 2.7E+02 |                                 | 2.9E-01                      |                             |         |         |
|  |             |   |             |                                 |             |  |             |                                      |              |                              | Trimethyl Phosphate                     | 512-56-1                 | 1.8E+00   |         | 1.8E+00                |         |         |                                 | 4.0E-04                      |                             |         |         |
|  |             |   |             |                                 |             |  | 7.0E-03     |                                      | P            | V                            | Trimethylbenzene, 1,2,4-                | 95-63-6                  |           |         |                        | 1.5E+01 | 1.5E+01 |                                 | 2.1E-02                      |                             |         |         |
|  |             |   |             | 1.0E-02                         |             | X  |             |                                      |              | V                            | Trimethylbenzene, 1,3,5-                | 108-67-8                 |           |         |                        | 3.7E+02 | 3.7E+02 |                                 | 5.2E-01                      |                             |         |         |
|  |             |   |             | 3.0E-02                         |             | I  |             |                                      |              |                              | Trinitrobenzene, 1,3,5-                 | 99-35-4                  |           |         |                        | 1.1E+03 | 1.1E+03 |                                 | 3.9E+00                      |                             |         |         |
| 3.0E-02                                    |             | I   |             | 5.0E-04                         |             | I  |             |                                      |              |                              | Trinitrotoluene, 2,4,6-                 | 118-96-7                 | 2.2E+00   |         | 2.2E+00                | 1.8E+01 | 1.8E+01 |                                 | 1.3E-02                      |                             |         |         |
|  |             |   |             | 2.0E-02                         |             | P  |             |                                      |              |                              | Triphenylphosphine Oxide                | 791-28-6                 |           |         |                        | 7.3E+02 | 7.3E+02 |                                 | 3.0E+00                      |                             |         |         |
|  |             |   |             | 2.0E-02                         |             | A  |             |                                      |              |                              | Tris(1,3-Dichloro-2-propyl) Phosphate   | 13674-87-8               |           |         |                        | 7.3E+02 | 7.3E+02 |                                 | 1.6E+01                      |                             |         |         |
| 2.0E-02                                    |             | P   |             | 7.0E-03                         |             | P  |             |                                      |              |                              | Tris(2-chloroethyl)phosphate            | 115-96-8                 | 3.4E+00   |         | 3.4E+00                | 2.6E+02 | 2.6E+02 |                                 | 3.3E-03                      |                             |         |         |
| 3.2E-03                                    |             | P   |             | 1.0E-01                         |             | P  |             |                                      |              |                              | Tris(2-ethylhexyl)phosphate             | 78-42-2                  | 2.1E+01   |         | 2.1E+01                | 3.7E+03 | 3.7E+03 |                                 | 1.0E+02                      |                             |         |         |
|  |             |   |             | 3.0E-03                         |             | I  | 3.0E-04     |                                      | A            |                              | Uranium (Soluble Salts)                 | NA                       |           |         |                        | 1.1E+02 | 1.1E+02 | 3.0E+01                         | 4.9E+01                      | 1.4E+01                     |         |         |
| 1.0E+00                                    |             | C   | 2.9E-04     |                                 |             | C  |             |                                      |              |                              | Urethane                                | 51-79-6                  | 6.7E-02   |         | 6.7E-02                |         |         |                                 | 1.5E-05                      |                             |         |         |
|  |             |   | 8.3E-03     |                                 |             | P  | 9.0E-03     |                                      | I            | 7.0E-06                      | P                                       | Vanadium Pentoxide       | 1314-62-1 |         |                        |         | 3.3E+02 | 3.3E+02                         |                              |                             |         |         |
|  |             |   |             | 2.0E-02                         |             | H  |             |                                      |              |                              | Vanadium Sulfate                        | 36907-42-3               |           |         |                        | 7.3E+02 | 7.3E+02 |                                 |                              |                             |         |         |
|  |             |   |             | 5.0E-03                         |             | S  |             |                                      |              |                              | Vanadium and Compounds                  | NA                       |           |         |                        | 1.8E+02 | 1.8E+02 |                                 | 1.8E+02                      |                             |         |         |
|  |             |   |             | 7.0E-05                         |             | P  | 1.0E-04     |                                      | A            |                              | Vanadium, Metallic                      | 7440-62-2                |           |         |                        | 2.6E+00 | 2.6E+00 |                                 | 2.6E+00                      |                             |         |         |
|  |             |   |             | 1.0E-03                         |             | I  |             |                                      |              |                              | Vernolate                               | 1929-77-7                |           |         |                        | 3.7E+01 | 3.7E+01 |                                 | 2.9E-02                      |                             |         |         |
|  |             |   |             | 2.5E-02                         |             | I  |             |                                      |              |                              | Vinclozolin                             | 50471-44-8               |           |         |                        | 9.1E+02 | 9.1E+02 |                                 | 7.0E-01                      |                             |         |         |
|  |             |   |             | 1.0E+00                         |             | H  | 2.0E-01     |                                      | I            | V                            | Vinyl Acetate                           | 108-05-4                 |           |         |                        | 3.7E+04 | 4.2E+02 | 4.1E+02                         | 8.8E-02                      |                             |         |         |
|  |             |   | 3.2E-05     |                                 |             | H  | 3.0E-03     |                                      | I            | V                            | Vinyl Bromide                           | 593-60-2                 | 1.5E-01   | 1.5E-01 |                        | 6.3E+00 | 6.3E+00 |                                 | 4.4E-05                      |                             |         |         |
| 7.2E-01                                    |             | I   | 4.4E-06     |                                 |             | I  | 3.0E-03     |                                      | I            | V                            | M                                       | Vinyl Chloride           | 75-01-4   | 1.7E-02 | 3.2E-01                | 1.6E-02 | 1.1E+02 | 2.1E+02                         | 7.2E+01                      | 2.0E+00                     | 5.6E-06 | 6.9E-04 |
|  |             |   |             | 3.0E-04                         |             | I  |             |                                      |              |                              | Warfarin                                | 81-81-2                  |           |         |                        | 1.1E+01 | 1.1E+01 |                                 | 1.2E-02                      |                             |         |         |
|  |             |   |             | 2.0E-01                         |             | I  | 1.0E-01     |                                      | I            | V                            | Xylene, Mixture                         | 1330-20-7                |           |         |                        | 7.3E+03 | 2.1E+02 | 2.0E+02                         | 1.0E+04                      | 2.0E-01                     | 9.8E+00 |         |
|  |             |   |             | 2.0E-01                         |             | S  | 7.0E-01     |                                      | C            | V                            | Xylene, P-                              | 106-42-3                 |           |         |                        | 7.3E+03 | 1.5E+03 | 1.2E+03                         |                              | 1.2E+00                     |         |         |

Regional Screening Level (RSL) Soil to Groundwater Supporting Table November 2010

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; \* = where: n SL < 100X c SL; \*\* = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

| Toxicity and Chemical-specific Information |             |   |             |                                 |             |  | Contaminant |   | Carcinogenic Target Risk        |                 |            | Noncancer Hazard Index |      |      | Protection of Ground Water SSLs |         |         |               |                              |                             |
|--|-------------|---|-------------|---------------------------------|-------------|--|-------------|---|---------------------------------|-----------------|------------|------------------------|------|------|---------------------------------|---------|---------|---------------|------------------------------|-----------------------------|
| SFO<br>(mg/kg-day) <sup>-1</sup>           | k<br>e<br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>-1</sup> | k<br>e<br>y | RfD <sub>o</sub><br>(mg/kg-day) | k<br>e<br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k<br>e<br>y | v<br>o<br>l<br>u<br>t<br>a<br>b<br>l<br>e | m<br>u<br>t<br>a<br>g<br>e<br>n | Analyte         | CAS No.    | ingc                   | inhc | prgc | ingn                            | inhn    | prgn    | MCL<br>(ug/L) | Risk-based<br>SSL<br>(mg/kg) | MCL-based<br>SSL<br>(mg/kg) |
|  |             |   |             | 2.0E-01                         | S           | 7.0E-01                                  | C           | V   |                                 | Xylene, m-      | 108-38-3   |                        |      |      | 7.3E+03                         | 1.5E+03 | 1.2E+03 |               | 1.2E+00                      |                             |
|  |             |   |             | 2.0E-01                         | S           | 7.0E-01                                  | C           | V   |                                 | Xylene, o-      | 95-47-6    |                        |      |      | 7.3E+03                         | 1.5E+03 | 1.2E+03 |               | 1.2E+00                      |                             |
|  |             |   |             | 3.0E-01                         | I           |  |             |   |                                 | Zinc (Metallic) | 7440-66-6  |                        |      |      | 1.1E+04                         |         | 1.1E+04 |               | 6.8E+02                      |                             |
|  |             |   |             | 3.0E-04                         | I           |  |             |   |                                 | Zinc Phosphide  | 1314-84-7  |                        |      |      | 1.1E+01                         |         | 1.1E+01 |               |                              |                             |
|  |             |   |             | 5.0E-02                         | I           |  |             |   |                                 | Zineb           | 12122-67-7 |                        |      |      | 1.8E+03                         |         | 1.8E+03 |               | 5.3E+00                      |                             |

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table November 2010

| Contaminant                 |            | Molecular Weight |                  | Henry's Law Constants        |                                   |  | Density                         |             | Diffusivity in Air          |            | Diffusivity in Water        |            | Organic Carbon Partition |                 | Water Solubility |                  |
|-----------------------------|------------|------------------|------------------|------------------------------|-----------------------------------|--|---------------------------------|-------------|-----------------------------|------------|-----------------------------|------------|--------------------------|-----------------|------------------|------------------|
| Analyte                     | CAS No.    | MW               | MW Ref           | H <sup>+</sup><br>(unitless) | HLC<br>(atm-m <sup>3</sup> /mole) | H <sup>+</sup> and HLC Ref                   | Density<br>(g/cm <sup>3</sup> ) | Density Ref | Dia<br>(cm <sup>2</sup> /s) | Dia Ref    | Diw<br>(cm <sup>2</sup> /s) | Diw Ref    | Koc<br>(L/kg)            | Koc Ref         | S<br>(mg/L)      | S Ref            |
| ALAR                        | 1596-84-5  | 160.17           | EPI Dermwin v2.0 | 1.7294E-08                   | 4.23E-10                          | EPI HenryWin v3.2                            |                                 |             |                             |            |                             |            | 10                       | EPI KOCWIN v2.0 | 100000           | EPI WATERNT v.01 |
| Acephate                    | 30560-19-1 | 183.16           | EPI Dermwin v2.0 | 2.048E-11                    | 5.01E-13                          | EPI HenryWin v3.2                            | 1.35                            | CRC 89th Ed |                             |            |                             |            | 10                       | EPI KOCWIN v2.0 | 818000           | EPI WATERNT v.01 |
| Acetaldehyde                | 75-07-0    | 44.05            | EPI Dermwin v2.0 | 0.0027269                    | 0.0000667                         | EPI HenryWin v3.2                            | 0.7834                          | CRC 89th Ed | 0.12771                     | USEPA 2001 | 0.0000135                   | USEPA 2001 | 1                        | EPI KOCWIN v2.0 | 1000000          | EPI WATERNT v.01 |
| Acetochlor                  | 34256-82-1 | 269.77           | EPI Dermwin v2.0 | 9.1169E-07                   | 2.23E-08                          | EPI HenryWin v3.2                            |                                 |             |                             |            |                             |            | 298.4                    | EPI KOCWIN v2.0 | 223              | EPI WATERNT v.01 |
| Acetone                     | 67-64-1    | 58.08            | EPI Dermwin v2.0 | 0.0014309                    | 0.000035                          | EPI HenryWin v3.2                            | 0.7845                          | CRC 89th Ed | 0.105923                    | USEPA 2001 | 0.0000115                   | USEPA 2001 | 2.364                    | EPI KOCWIN v2.0 | 1000000          | EPI WATERNT v.01 |
| Acetone Cyanohydrin         | 75-86-5    | 85.11            | EPI Dermwin v2.0 | 0.0005315                    | 0.000013                          | EPI HenryWin v3.2                            | 0.932                           | CRC 89th Ed | 0.085946                    | USEPA 2001 | 0.0000101                   | USEPA 2001 | 1                        | EPI KOCWIN v2.0 | 1000000          | EPI WATERNT v.01 |
| Acetonitrile                | 75-05-8    | 41.05            | EPI Dermwin v2.0 | 0.0014105                    | 0.0000345                         | EPI HenryWin v3.2                            | 0.7857                          | CRC 89th Ed | 0.134                       | USEPA 2001 | 0.0000141                   | USEPA 2001 | 4.67                     | EPI KOCWIN v2.0 | 1000000          | EPI WATERNT v.01 |
| Acetophenone                | 98-86-2    | 120.15           | EPI Dermwin v2.0 | 0.0004252                    | 0.0000104                         | EPI HenryWin v3.2                            | 1.0281                          | CRC 89th Ed | 0.065222                    | USEPA 2001 | 8.7229E-06                  | USEPA 2001 | 51.85                    | EPI KOCWIN v2.0 | 6130             | EPI WATERNT v.01 |
| Acetylaminofluorene, 2-     | 53-96-3    | 223.28           | EPI Dermwin v2.0 | 7.8496E-09                   | 1.92E-10                          | EPI HenryWin v3.2                            |                                 |             |                             |            |                             |            | 2206                     | EPI KOCWIN v2.0 | 8.4607           | EPI WATERNT v.01 |
| Acrolein                    | 107-02-8   | 56.06            | EPI Dermwin v2.0 | 0.0049877                    | 0.000122                          | EPI HenryWin v3.2                            | 0.84                            | CRC 89th Ed | 0.111693                    | USEPA 2001 | 0.0000122                   | USEPA 2001 | 1                        | EPI KOCWIN v2.0 | 212000           | EPI WATERNT v.01 |
| Acrylamide                  | 79-06-1    | 71.08            | EPI Dermwin v2.0 | 6.9501E-08                   | 1.7E-09                           | EPI HenryWin v3.2                            |                                 |             |                             |            |                             |            | 5.694                    | EPI KOCWIN v2.0 | 390000           | EPI WATERNT v.01 |
| Acrylic Acid                | 79-10-7    | 72.06            | EPI Dermwin v2.0 | 0.0000151                    | 0.00000037                        | EPI HenryWin v3.2                            | 1.0511                          | CRC 89th Ed | 0.102722                    | EPA 2002   | 0.0000012                   | EPA 2002   | 1.44                     | EPI KOCWIN v2.0 | 1000000          | EPI WATERNT v.01 |
| Acrylonitrile               | 107-13-1   | 53.06            | EPI Dermwin v2.0 | 0.0056419                    | 0.000138                          | EPI HenryWin v3.2                            | 0.8007                          | CRC 89th Ed | 0.11369                     | USEPA 2001 | 0.0000123                   | USEPA 2001 | 8.511                    | EPI KOCWIN v2.0 | 74500            | EPI WATERNT v.01 |
| Adiponitrile                | 111-69-3   | 108.14           | EPI Dermwin v2.0 | 4.9469E-08                   | 1.21E-09                          | EPI HenryWin v3.2                            | 0.9676                          | CRC 89th Ed | 0.070778                    | EPA 2002   | 8.9598E-06                  | EPA 2002   | 20.18                    | EPI KOCWIN v2.0 | 80000            | EPI WATERNT v.01 |
| Alachlor                    | 15972-60-8 | 269.77           | EPI Dermwin v2.0 | 3.4015E-07                   | 8.32E-09                          | EPI HenryWin v3.2                            | 1.133                           | CRC 89th Ed |                             |            |                             |            | 312.3                    | EPI KOCWIN v2.0 | 240              | EPI WATERNT v.01 |
| Aldicarb                    | 116-06-3   | 190.26           | EPI Dermwin v2.0 | 5.8872E-08                   | 1.44E-09                          | EPI HenryWin v3.2                            | 1.195                           | CRC 89th Ed |                             |            |                             |            | 24.64                    | EPI KOCWIN v2.0 | 6030             | EPI WATERNT v.01 |
| Aldicarb Sulfone            | 1646-88-4  | 222.26           | EPI Dermwin v2.0 | 1.3778E-07                   | 3.37E-09                          | EPI HenryWin v3.2                            |                                 |             |                             |            |                             |            | 10                       | EPI KOCWIN v2.0 | 10000            | EPI WATERNT v.01 |
| Aldrin                      | 309-00-2   | 364.92           | EPI Dermwin v2.0 | 0.0017989                    | 0.000044                          | EPI HenryWin v3.2                            | 2.4                             | CRC 89th Ed |                             |            |                             |            | 82020                    | EPI KOCWIN v2.0 | 0.017            | EPI WATERNT v.01 |
| Allyl                       | 74223-64-6 | 381.37           | EPI Dermwin v2.0 | 5.397E-15                    | 1.32E-16                          | EPI HenryWin v3.2                            |                                 |             |                             |            |                             |            | 92.5                     | EPI KOCWIN v2.0 | 9500             | EPI WATERNT v.01 |
| Allyl Alcohol               | 107-18-6   | 58.08            | EPI Dermwin v2.0 | 0.000204                     | 0.00000499                        | EPI HenryWin v3.2                            | 0.854                           | CRC 89th Ed | 0.109755                    | EPA 2002   | 0.0000121                   | EPA 2002   | 1.904                    | EPI KOCWIN v2.0 | 1000000          | EPI WATERNT v.01 |
| Allyl Chloride              | 107-05-1   | 76.53            | EPI Dermwin v2.0 | 0.4497138                    | 0.011                             | EPI HenryWin v3.2                            | 0.9376                          | CRC 89th Ed | 0.093607                    | USEPA 2001 | 0.0000108                   | USEPA 2001 | 39.6                     | EPI KOCWIN v2.0 | 3370             | EPI WATERNT v.01 |
| Aluminum                    | 7429-90-5  | 30.01            | EPI Dermwin v2.0 |                              |                                   |  | 2.7                             | CRC 89th Ed |                             |            |                             |            |                          |                 | 0                | CRC 89th Ed      |
| Aluminum Phosphide          | 20859-73-8 | 57.96            | EPI Dermwin v2.0 |                              |                                   |  | 2.4                             | CRC 89th Ed |                             |            |                             |            |                          |                 | 0                | CRC 89th Ed      |
| Amdro                       | 67485-29-4 | 494.49           | EPI Dermwin v2.0 | 0.0000899                    | 0.0000022                         | EPI HenryWin v3.2                            |                                 |             |                             |            |                             |            | 179700000                | EPI KOCWIN v2.0 | 0.006            | EPI WATERNT v.01 |
| Ametryn                     | 834-12-8   | 227.33           | EPI Dermwin v2.0 | 9.9346E-08                   | 2.43E-09                          | EPI HenryWin v3.2                            |                                 |             |                             |            |                             |            | 428.2                    | EPI KOCWIN v2.0 | 209              | EPI WATERNT v.01 |
| Aminobiphenyl, 4-           | 92-67-1    | 169.23           | EPI Dermwin v2.0 | 7.0728E-06                   | 0.000000173                       | EPI HenryWin v3.2                            |                                 |             |                             |            |                             |            | 2471                     | EPI KOCWIN v2.0 | 128.81           | EPI WATERNT v.01 |
| Aminophenol, m-             | 591-27-5   | 109.13           | EPI Dermwin v2.0 | 1.0957E-08                   | 2.68E-10                          | EPI HenryWin v3.2                            |                                 |             |                             |            |                             |            | 90.2                     | EPI KOCWIN v2.0 | 27000            | EPI WATERNT v.01 |
| Aminophenol, p-             | 123-30-8   | 109.13           | EPI Dermwin v2.0 | 1.4677E-08                   | 3.59E-10                          | EPI HenryWin v3.2                            |                                 |             |                             |            |                             |            | 90.2                     | EPI KOCWIN v2.0 | 16000            | EPI WATERNT v.01 |
| Amitraz                     | 33089-61-1 | 293.42           | EPI Dermwin v2.0 | 0.0004035                    | 0.00000987                        | EPI HenryWin v3.2                            | 1.128                           | CRC 89th Ed |                             |            |                             |            | 257300                   | EPI KOCWIN v2.0 | 1                | EPI WATERNT v.01 |
| Ammonia                     | 7764-41-7  | 17.03            | EPI Dermwin v2.0 | 0.0006582                    |                                   | HLC from PHYPROP converted to H <sup>+</sup> | 0.696                           | CRC 89th Ed |                             |            |                             |            |                          |                 | 482000           | CRC 89th Ed      |
| Ammonium Perchlorate        | 7790-98-9  | 117.49           | EPI Dermwin v2.0 |                              |                                   |  | 1.95                            | CRC 89th Ed |                             |            |                             |            |                          |                 | 200000           | EPI WATERNT v.01 |
| Ammonium Sulfamate          | 7773-06-0  | 97.09            | EPI Dermwin v2.0 |                              |                                   |  |                                 |             |                             |            |                             |            |                          |                 | 147000           | EPI WATERNT v.01 |
| Aniline                     | 62-53-3    | 93.13            | EPI Dermwin v2.0 | 0.0000826                    | 0.00000202                        | EPI HenryWin v3.2                            | 1.0217                          | CRC 89th Ed | 0.083011                    | EPA 2002   | 0.0000101                   | EPA 2002   | 70.23                    | EPI KOCWIN v2.0 | 36000            | EPI WATERNT v.01 |
| Antimony (metallic)         | 7440-36-0  | 124.78           | EPI Dermwin v2.0 |                              |                                   |  | 6.68                            | CRC 89th Ed |                             |            |                             |            |                          |                 | 0                | CRC 89th Ed      |
| Antimony Pentoxide          | 1314-60-9  | 323.52           | EPI              |                              |                                   |  | 3.78                            | CRC 89th Ed |                             |            |                             |            |                          |                 | 3000             | CRC 89th Ed      |
| Antimony Potassium Tartrate | 11071-15-1 | 613.83           | EPI Dermwin v2.0 |                              |                                   |  |                                 |             |                             |            |                             |            |                          |                 | 52600            | EPI WATERNT v.01 |
| Antimony Tetroxide          | 1332-81-6  | 307.52           | EPI Dermwin v2.0 |                              |                                   |  | 6.64                            | CRC 89th Ed |                             |            |                             |            |                          |                 |                  | CRC 89th Ed      |
| Antimony Trioxide           | 1309-64-4  | 291.52           | EPI Dermwin v2.0 |                              |                                   |  | 5.58                            | CRC 89th Ed |                             |            |                             |            |                          |                 | 1                | EPI WATERNT v.01 |
| Apollo                      | 74115-24-5 | 303.15           | EPI Dermwin v2.0 | 1.5944E-08                   | 3.9E-10                           | EPI HenryWin v3.2                            |                                 |             |                             |            |                             |            | 30210                    | EPI KOCWIN v2.0 |                  |                  |
| Aramite                     | 140-57-8   | 334.86           | EPI Dermwin v2.0 | 7.7678E-06                   | 0.00000019                        | EPI HenryWin v3.2                            | 1.143                           | CRC 89th Ed |                             |            |                             |            | 5550                     | EPI KOCWIN v2.0 | 2.5922           | EPI WATERNT v.01 |
| Arsenic, Inorganic          | 7440-38-2  | 77.95            | EPI Dermwin v2.0 |                              |                                   |  | 5.75                            | CRC 89th Ed |                             |            |                             |            |                          |                 | 0                | CRC 89th Ed      |
| Arsine                      | 7784-42-1  | 77.95            | EPI Dermwin v2.0 |                              |                                   |  | 3.186                           | CRC 89th Ed |                             |            |                             |            |                          |                 | 957.6            | CRC 89th Ed      |
| Assure                      | 76578-14-8 | 372.81           | EPI Dermwin v2.0 | 4.3336E-07                   | 1.06E-08                          | EPI HenryWin v3.2                            |                                 |             |                             |            |                             |            | 7736                     | EPI KOCWIN v2.0 | 0.3              | EPI WATERNT v.01 |
| Asulam                      | 3337-71-1  | 230.24           | EPI Dermwin v2.0 | 6.991E-11                    | 1.71E-12                          | EPI HenryWin v3.2                            |                                 |             |                             |            |                             |            | 27.8                     | EPI KOCWIN v2.0 | 5000             | EPI WATERNT v.01 |
| Atrazine                    | 1912-24-9  | 215.69           | EPI Dermwin v2.0 | 9.6484E-08                   | 2.36E-09                          | EPI HenryWin v3.2                            |                                 |             |                             |            |                             |            | 224.5                    | EPI KOCWIN v2.0 | 34.7             | EPI WATERNT v.01 |
| Auramine                    | 492-80-8   | 267.38           | EPI Dermwin v2.0 | 1.4881E-07                   | 3.64E-09                          | EPI HenryWin v3.2                            |                                 |             |                             |            |                             |            | 4456                     | EPI KOCWIN v2.0 | 10000            | EPI WATERNT v.01 |
| Avermectin B1               | 65195-55-3 | 875.12           | EPI Dermwin v2.0 | 5.397E-26                    | 1.32E-27                          | EPI HenryWin v3.2                            |                                 |             |                             |            |                             |            | 876700                   | EPI KOCWIN v2.0 | 1.4194           | EPI WATERNT v.01 |
| Azobenzene                  | 103-33-3   | 182.23           | EPI Dermwin v2.0 | 0.0005519                    | 0.0000135                         | EPI HenryWin v3.2                            | 1.09                            | Merk        | 0.034319                    | USEPA 2001 | 7.0365E-06                  | USEPA 2001 | 3759                     | EPI KOCWIN v2.0 | 6.4              | EPI WATERNT v.01 |
| Barium                      | 7440-39-3  | 137.33           | EPI Dermwin v2.0 |                              |                                   |  | 3.62                            | CRC 89th Ed |                             |            |                             |            |                          |                 | 0                | CRC 89th Ed      |
| Baygon                      | 114-26-1   | 209.25           | EPI Dermwin v2.0 | 5.8463E-08                   | 1.43E-09                          | EPI HenryWin v3.2                            | 1.12                            | CRC 89th Ed |                             |            |                             |            | 59.95                    | EPI KOCWIN v2.0 | 1860             | EPI WATERNT v.01 |
| Bayleton                    | 43121-43-3 | 293.76           | EPI Dermwin v2.0 | 3.3156E-09                   | 8.11E-11                          | EPI HenryWin v3.2                            | 1.22                            | CRC 89th Ed |                             |            |                             |            | 298.5                    | EPI KOCWIN v2.0 | 71.5             | EPI WATERNT v.01 |
| Baythroid                   | 68359-37-5 | 434.3            | EPI Dermwin v2.0 | 1.1856E-06                   | 0.000000029                       | EPI HenryWin v3.2                            |                                 |             |                             |            |                             |            | 130600                   | EPI KOCWIN v2.0 | 0.003            | EPI WATERNT v.01 |
| Benefin                     | 1861-40-1  | 335.29           | EPI Dermwin v2.0 | 0.011897                     | 0.000291                          | EPI HenryWin v3.2                            |                                 |             |                             |            |                             |            | 16390                    | EPI KOCWIN v2.0 | 0.1              | EPI WATERNT v.01 |
| Benomyl                     | 17804-35-2 | 290.32           | EPI Dermwin v2.0 | 2.016E-10                    | 4.93E-12                          | EPI HenryWin v3.2                            |                                 |             |                             |            |                             |            | 336.2                    | EPI KOCWIN v2.0 | 3.8              | EPI WATERNT v.01 |
| Bentazon                    | 25057-89-0 | 240.28           | EPI Dermwin v2.0 | 8.9125E-08                   | 2.18E-09                          | EPI HenryWin v3.2                            |                                 |             |                             |            |                             |            | 10                       | EPI KOCWIN v2.0 | 500              | EPI WATERNT v.01 |
| Benzaldehyde                | 100-52-7   | 106.13           | EPI Dermwin v2.0 | 0.0010916                    | 0.0000267                         | EPI HenryWin v3.2                            | 1.0401                          | CRC 89th Ed | 0.074393                    | USEPA 2001 | 9.4627E-06                  | USEPA 2001 | 11.09                    | EPI KOCWIN v2.0 | 6950             | EPI WATERNT v.01 |
| Benzene                     | 71-43-2    | 78.11            | EPI Dermwin v2.0 | 0.2269011                    | 0.00555                           | EPI HenryWin v3.2                            | 0.8765                          | CRC 89th Ed | 0.089538                    | USEPA 2001 | 0.0000103                   | USEPA 2001 | 145.8                    | EPI KOCWIN v2.0 | 1790             | EPI WATERNT v.01 |
| Benzenthioi                 | 108-98-5   | 110.17           | EPI Dermwin v2.0 | 0.0136958                    | 0.000335                          | EPI HenryWin v3.2                            | 1.0775                          | CRC 89th Ed | 0.072863                    | USEPA 2001 | 9.4511E-06                  | USEPA 2001 | 233.9                    | EPI KOCWIN v2.0 | 835              | EPI WATERNT v.01 |
| Benzidine                   | 92-87-5    | 184.24           | EPI Dermwin v2.0 | 2.8823E-09                   | 7.05E-11                          | EPI HenryWin v3.2                            |                                 |             |                             |            |                             |            | 1190                     | EPI KOCWIN v2.0 | 322              | EPI WATERNT v.01 |
| Benzoic Acid                | 65-85-0    | 122.12           | EPI Dermwin v2.0 | 1.5576E-06                   | 3.81E-08                          | EPI HenryWin v3.2                            | 1.2659                          | CRC 89th Ed |                             |            |                             |            | 16.55                    | EPI KOCWIN v2.0 | 3400             | EPI WATERNT v.01 |
| Benztotrichloride           | 98-07-7    | 195.48           | EPI Dermwin v2.0 | 0.0106296                    | 0.00026                           | EPI HenryWin v3.2                            | 1.3723                          | CRC 89th Ed | 0.031256                    | USEPA 2001 | 7.746E-06                   | USEPA 2001 | 1001                     | EPI KOCWIN v2.0 | 53               | EPI WATERNT v.01 |
| Benzyl Alcohol              | 100-51-6   | 108.14           | EPI Dermwin v2.0 | 0.0000138                    | 0.000000337                       | EPI HenryWin v3.2                            | 1.0419                          | CRC 89th Ed | 0.073119                    | EPA 2002   | 9.3665E-06                  | EPA 2002   | 21.46                    | EPI KOCWIN v2.0 | 42900            | EPI WATERNT v.01 |
| Benzyl Chloride             | 100-44-7   | 126.59           | EPI Dermwin v2.0 | 0.0168438                    | 0.000412                          | EPI HenryWin v3.2                            | 1.1004                          | CRC 89th Ed | 0.063362                    | USEPA 2001 | 8.8057E-06                  | USEPA 2001 | 446.1                    | EPI KOCWIN v2.0 | 525              | EPI WATERNT v.01 |
| Beryllium and compounds     | 7440-41-7  | 9.01             | EPI Dermwin v2.0 |                              |                                   |  | 1.85                            | CRC 89th Ed |                             |            |                             |            |                          |                 | 0                | Lange's 15th Ed  |
| Bidrin                      | 141-66-2   | 237.19           | EPI Dermwin v2.0 | 2.0564E-09                   | 5.03E-11                          | EPI HenryWin v3.2                            | 1.216                           | CRC 8       |                             |            |                             |            |                          |                 |                  |                  |



Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table November 2010

| Contaminant                       |            | Molecular Weight |                  | Henry's Law Constants        |                                   |  | Density                         |                  | Diffusivity in Air          |            | Diffusivity in Water                   |                    | Organic Carbon Partition  |                     | Water Solubility |                  |
|-----------------------------------|------------|------------------|------------------|------------------------------|-----------------------------------|--|---------------------------------|------------------|-----------------------------|------------|--|--------------------|---------------------------|---------------------|------------------|------------------|
| Analyte                           | CAS No.    | MW               | MW Ref           | H <sup>*</sup><br>(unitless) | HLC<br>(atm-m <sup>3</sup> /mole) | H <sup>*</sup> and HLC Ref                   | Density<br>(g/cm <sup>3</sup> ) | Density Ref      | Dia<br>(cm <sup>2</sup> /s) | Dia Ref    | D <sub>w</sub><br>(cm <sup>2</sup> /s) | D <sub>w</sub> Ref | K <sub>oc</sub><br>(L/kg) | K <sub>oc</sub> Ref | S<br>(mg/L)      | S Ref            |
| ALAR                              | 1596-84-5  | 160.17           | EPI Dermwin v2.0 | 1.7294E-08                   | 4.23E-10                          | EPI HenryWin v3.2                            |                                 |                  |                             |            |  |                    | 10                        | EPI KOCWIN v2.0     | 100000           | EPI WATERNT v.01 |
| Bis(2-chloro-1-methylethyl) ether | 108-60-1   | 171.07           | EPI Dermwin v2.0 | 0.0030335                    | 0.0000742                         | EPI HenryWin v3.2                            | 1.103                           | CRC 89th Ed      | 0.039889                    | USEPA 2001 | 7.3606E-06                             | USEPA 2001         | 82.92                     | EPI KOCWIN v2.0     | 1700             | EPI WATERNT v.01 |
| Bis(2-chloroethoxy)methane        | 111-91-1   | 173.04           | EPI Dermwin v2.0 | 0.0001574                    | 0.00000385                        | EPI HenryWin v3.2                            |                                 |                  |                             |            |  |                    | 14.38                     | EPI KOCWIN v2.0     | 7800             | EPI WATERNT v.01 |
| Bis(2-chloroethyl)ether           | 111-44-4   | 143.01           | EPI Dermwin v2.0 | 0.000695                     | 0.000017                          | EPI HenryWin v3.2                            | 1.22                            | CRC 89th Ed      | 0.056719                    | USEPA 2001 | 8.707E-06                              | USEPA 2001         | 32.21                     | EPI KOCWIN v2.0     | 17200            | EPI WATERNT v.01 |
| Bis(2-ethylhexyl)phthalate        | 117-81-7   | 390.57           | EPI Dermwin v2.0 | 0.000011                     | 0.00000027                        | EPI HenryWin v3.2                            | 0.981                           | CRC 89th Ed      |                             |            |  |                    | 119600                    | EPI KOCWIN v2.0     | 0.27             | EPI WATERNT v.01 |
| Bis(chloromethyl)ether            | 542-88-1   | 114.96           | EPI Dermwin v2.0 | 0.1782502                    | 0.00436                           | EPI HenryWin v3.2                            | 1.323                           | CRC 89th Ed      | 0.0763                      | USEPA 2001 | 0.0000104                              | USEPA 2001         | 9.699                     | EPI KOCWIN v2.0     | 22000            | EPI WATERNT v.01 |
| Bisphenol A                       | 80-05-7    | 228.29           | EPI Dermwin v2.0 | 3.745E-10                    | 9.16E-12                          | EPI HenryWin v3.2                            |                                 |                  |                             |            |  |                    | 37670                     | EPI KOCWIN v2.0     | 120              | EPI WATERNT v.01 |
| Boron And Borates Only            | 7440-42-8  | 13.84            | EPI Dermwin v2.0 |                              |                                   |  | 2.34                            | CRC 89th Ed      |                             |            |  |                    |                           |                     | 0                | CRC 89th Ed      |
| Boron Trifluoride                 | 7637-07-2  | 67.81            | EPI Dermwin v2.0 |                              |                                   |  | 2.772                           | CRC 89th Ed      |                             |            |  |                    |                           |                     | 3320000          | EPI WATERNT v.01 |
| Bromate                           | 15541-45-4 | 79.9             | EPI Dermwin v2.0 |                              |                                   |  |                                 |                  |                             |            |  |                    |                           |                     |                  |                  |
| Bromo-2-chloroethane, 1-          | 107-04-0   | 143.41           | EPI Dermwin v2.0 | 0.0371627                    | 0.000909                          | EPI HenryWin v3.2                            | 1.7392                          | CRC 89th Ed      | 0.065925                    | USEPA 2001 | 0.0000108                              | USEPA 2001         | 39.6                      | EPI KOCWIN v2.0     | 6900             | EPI WATERNT v.01 |
| Bromobenzene                      | 108-86-1   | 157.01           | EPI Dermwin v2.0 | 0.1009812                    | 0.00247                           | EPI HenryWin v3.2                            | 1.495                           | CRC 89th Ed      | 0.053713                    | USEPA 2001 | 9.3004E-06                             | USEPA 2001         | 233.9                     | EPI KOCWIN v2.0     | 446              | EPI WATERNT v.01 |
| Bromodichloromethane              | 75-27-4    | 163.83           | EPI Dermwin v2.0 | 0.0866721                    | 0.00212                           | EPI HenryWin v3.2                            | 1.98                            | CRC 89th Ed      | 0.056263                    | USEPA 2001 | 0.0000107                              | USEPA 2001         | 31.82                     | EPI KOCWIN v2.0     | 3030             | EPI WATERNT v.01 |
| Bromoform                         | 75-25-2    | 252.73           | EPI Dermwin v2.0 | 0.0218724                    | 0.000535                          | EPI HenryWin v3.2                            | 2.8788                          | CRC 89th Ed      |                             |            |  |                    | 31.82                     | EPI KOCWIN v2.0     | 3100             | EPI WATERNT v.01 |
| Bromomethane                      | 74-83-9    | 94.94            | EPI Dermwin v2.0 | 0.3000818                    | 0.00734                           | EPI HenryWin v3.2                            |                                 |                  | 0.100497                    | USEPA 2001 | 0.0000135                              | USEPA 2001         | 13.22                     | EPI KOCWIN v2.0     | 1500             | EPI WATERNT v.01 |
| Bromophos                         | 2104-96-3  | 365.99           | EPI Dermwin v2.0 | 0.0008381                    | 0.000205                          | EPI HenryWin v3.2                            | 1.6755                          | CRC 89th Ed      |                             |            |  |                    | 2019                      | EPI KOCWIN v2.0     | 0.3              | EPI WATERNT v.01 |
| Bromoxynil                        | 1689-84-5  | 276.92           | EPI Dermwin v2.0 | 5.3966E-09                   | 1.32E-10                          | EPI HenryWin v3.2                            |                                 |                  |                             |            |  |                    | 330.1                     | EPI KOCWIN v2.0     | 130              | EPI WATERNT v.01 |
| Bromoxynil Octanoate              | 1689-99-2  | 403.12           | EPI Dermwin v2.0 | 0.0013042                    | 0.0000319                         | EPI HenryWin v3.2                            |                                 |                  |                             |            |  |                    | 4252                      | EPI KOCWIN v2.0     | 0.08             | EPI WATERNT v.01 |
| Butadiene, 1,3-                   | 106-99-0   | 54.09            | EPI Dermwin v2.0 | 3.0089943                    | 0.0736                            | EPI HenryWin v3.2                            | 0.6149                          | CRC 89th Ed      | 0.100351                    | USEPA 2001 | 0.0000103                              | USEPA 2001         | 39.6                      | EPI KOCWIN v2.0     | 735              | EPI WATERNT v.01 |
| Butanol, N-                       | 71-36-3    | 74.12            | EPI Dermwin v2.0 | 0.0003602                    | 0.00000881                        | EPI HenryWin v3.2                            | 0.8095                          | CRC 89th Ed      | 0.090042                    | EPA 2002   | 0.0000101                              | EPA 2002           | 3.471                     | EPI KOCWIN v2.0     | 63200            | EPI WATERNT v.01 |
| Butyl Benzyl Phthlate             | 85-68-7    | 312.37           | EPI Dermwin v2.0 | 0.0000515                    | 0.00000126                        | EPI HenryWin v3.2                            | 1.119                           | CRC 89th Ed      |                             |            |  |                    | 7155                      | EPI KOCWIN v2.0     | 2.69             | EPI WATERNT v.01 |
| Butyl alcohol, sec-               | 78-92-2    | 74.12            | EPI Dermwin v2.0 | 0.0003704                    | 0.00000906                        | EPI HenryWin v3.2                            | 0.8063                          | CRC 89th Ed      |                             |            |  |                    | 2.919                     | EPI KOCWIN v2.0     | 181000           | EPI WATERNT v.01 |
| Butylate                          | 2008-41-5  | 217.37           | EPI Dermwin v2.0 | 0.0034546                    | 0.0000845                         | EPI HenryWin v3.2                            | 0.9402                          | CRC 89th Ed      |                             |            |  |                    | 385.7                     | EPI KOCWIN v2.0     | 45               | EPI WATERNT v.01 |
| Butylated hydroxyanisole          | 25013-16-5 | 180.25           | EPI Dermwin v2.0 | 0.0000478                    | 0.00000117                        | EPI HenryWin v3.2                            |                                 |                  |                             |            |  |                    | 840.7                     | EPI KOCWIN v2.0     | 742.97           | EPI WATERNT v.01 |
| Butylphthalyl Butylglycolate      | 85-70-1    | 336.39           | EPI Dermwin v2.0 | 1.2592E-07                   | 3.08E-09                          | EPI HenryWin v3.2                            |                                 |                  |                             |            |  |                    | 11240                     | EPI KOCWIN v2.0     | 8.4709           | EPI WATERNT v.01 |
| Cacodylic Acid                    | 75-60-5    | 138              | EPI Dermwin v2.0 |                              |                                   |  |                                 |                  |                             |            |  |                    | 43.89                     | EPI KOCWIN v2.0     | 2000000          | EPI WATERNT v.01 |
| Cadmium (Diet)                    | 7440-43-9  | 112.41           | EPI Dermwin v2.0 |                              |                                   |  | 8.69                            | CRC 89th Ed      |                             |            |  |                    |                           |                     | 0                | CRC 89th Ed      |
| Cadmium (Water)                   | 7440-43-9  | 112.41           | EPI Dermwin v2.0 |                              |                                   |  | 8.69                            | CRC 89th Ed      |                             |            |  |                    |                           |                     | 0                | CRC 89th Ed      |
| Caprolactam                       | 105-60-2   | 113.16           | EPI Dermwin v2.0 | 1.0343E-06                   | 2.53E-08                          | EPI HenryWin v3.2                            |                                 |                  |                             |            |  |                    | 24.5                      | EPI KOCWIN v2.0     | 772000           | EPI WATERNT v.01 |
| Captaol                           | 2425-06-1  | 349.06           | EPI Dermwin v2.0 | 2.0114E-07                   | 4.92E-09                          | EPI HenryWin v3.2                            |                                 |                  |                             |            |  |                    | 782.7                     | EPI KOCWIN v2.0     | 1.4              | EPI WATERNT v.01 |
| Captan                            | 133-06-2   | 300.59           | EPI Dermwin v2.0 | 2.8618E-07                   | 0.000000007                       | EPI HenryWin v3.2                            | 1.74                            | CRC 89th Ed      |                             |            |  |                    | 252.2                     | EPI KOCWIN v2.0     | 5.1              | EPI WATERNT v.01 |
| Carbaryl                          | 63-25-2    | 201.23           | EPI Dermwin v2.0 | 1.3369E-07                   | 3.27E-09                          | EPI HenryWin v3.2                            | 1.228                           | CRC 89th Ed      |                             |            |  |                    | 354.8                     | EPI KOCWIN v2.0     | 110              | EPI WATERNT v.01 |
| Carbofuran                        | 1563-66-2  | 221.26           | EPI Dermwin v2.0 | 1.2633E-07                   | 3.09E-09                          | EPI HenryWin v3.2                            | 1.18                            | CRC 89th Ed      |                             |            |  |                    | 95.25                     | EPI KOCWIN v2.0     | 320              | EPI WATERNT v.01 |
| Carbon Disulfide                  | 75-15-0    | 76.13            | EPI Dermwin v2.0 | 0.5887163                    | 0.0144                            | EPI HenryWin v3.2                            | 1.2632                          | CRC 89th Ed      | 0.106447                    | USEPA 2001 | 0.000013                               | USEPA 2001         | 21.73                     | EPI KOCWIN v2.0     | 2160             | EPI WATERNT v.01 |
| Carbon Tetrachloride              | 56-23-5    | 153.82           | EPI Dermwin v2.0 | 1.1283729                    | 0.0276                            | EPI HenryWin v3.2                            | 1.594                           | CRC 89th Ed      | 0.057144                    | USEPA 2001 | 9.7849E-06                             | USEPA 2001         | 43.89                     | EPI KOCWIN v2.0     | 793              | EPI WATERNT v.01 |
| Carbosulfan                       | 55285-14-8 | 380.55           | EPI Dermwin v2.0 | 0.0000209                    | 0.000000512                       | EPI HenryWin v3.2                            | 1.056                           | CRC 89th Ed      |                             |            |  |                    | 11960                     | EPI KOCWIN v2.0     | 0.3              | EPI WATERNT v.01 |
| Carboxin                          | 5234-68-4  | 235.3            | EPI Dermwin v2.0 | 1.3083E-08                   | 3.2E-10                           | EPI HenryWin v3.2                            |                                 |                  |                             |            |  |                    | 169.4                     | EPI KOCWIN v2.0     | 147              | EPI WATERNT v.01 |
| Ceric oxide                       | 1306-38-3  | 172.11           | EPI Dermwin v2.0 |                              |                                   |  | 7.216                           | CRC 89th Ed      |                             |            |  |                    |                           |                     | 107000           | EPI WATERNT v.01 |
| Chloral Hydrate                   | 302-17-0   | 165.4            | EPI Dermwin v2.0 | 4.4563E-09                   | 1.09E-10                          | EPI HenryWin v3.2                            | 1.9081                          | CRC 89th Ed      | 0.054399                    | EPA 2002   | 0.0000104                              | EPA 2002           | 1                         | EPI KOCWIN v2.0     | 793000           | EPI WATERNT v.01 |
| Chloramben                        | 133-90-4   | 206.03           | EPI Dermwin v2.0 | 1.5822E-09                   | 3.87E-11                          | EPI HenryWin v3.2                            |                                 |                  |                             |            |  |                    | 21.37                     | EPI KOCWIN v2.0     | 700              | EPI WATERNT v.01 |
| Chloranil                         | 118-75-2   | 245.88           | EPI Dermwin v2.0 | 1.3369E-08                   | 3.27E-10                          | EPI HenryWin v3.2                            |                                 |                  |                             |            |  |                    | 308.1                     | EPI KOCWIN v2.0     | 250              | EPI WATERNT v.01 |
| Chlordane                         | 12789-03-6 | 409.78           | EPI Dermwin v2.0 | 0.0019869                    | 0.0000486                         | EPI HenryWin v3.2                            | 1.6                             | CRC 87th edition |                             |            |  |                    | 33780                     | EPI KOCWIN v2.0     | 0.056            | EPI WATERNT v.01 |
| Chlordecone (Kepone)              | 143-50-0   | 490.64           | EPI Dermwin v2.0 | 2.1995E-06                   | 5.38E-08                          | EPI HenryWin v3.2                            | 1.61                            | CRC 89th Ed      |                             |            |  |                    | 17500                     | EPI KOCWIN v2.0     | 2.7              | EPI WATERNT v.01 |
| Chlorfenvinphos                   | 470-90-6   | 359.58           | EPI Dermwin v2.0 | 1.1815E-06                   | 2.89E-08                          | EPI HenryWin v3.2                            |                                 |                  |                             |            |  |                    | 1264                      | EPI KOCWIN v2.0     | 124              | EPI WATERNT v.01 |
| Chlorimuron, Ethyl-               | 90982-32-4 | 414.82           | EPI Dermwin v2.0 | 7.441E-14                    | 1.82E-15                          | EPI HenryWin v3.2                            |                                 |                  |                             |            |  |                    | 71.79                     | EPI KOCWIN v2.0     | 1200             | EPI WATERNT v.01 |
| Chlorine                          | 7782-50-5  | 70.91            | EPI Dermwin v2.0 | 0.4783                       |                                   | HLC from PHYPROP converted to H <sup>*</sup> | 2.898                           | CRC 89th Ed      |                             |            |  |                    |                           |                     | 6300             | EPI WATERNT v.01 |
| Chlorine Dioxide                  | 10049-04-4 | 67.45            | EPI Dermwin v2.0 |                              |                                   |  | 2.757                           | CRC 89th Ed      |                             |            |  |                    |                           |                     | 112000           | CRC 89th Ed      |
| Chlorite (Sodium Salt)            | 7758-19-2  | 90.44            | EPI Dermwin v2.0 |                              |                                   |  |                                 |                  |                             |            |  |                    |                           |                     | 640000           | CRC 89th Ed      |
| Chloro-1,1-difluoroethane, 1-     | 75-68-3    | 100.5            | EPI Dermwin v2.0 | 2.4039248                    | 0.0588                            | EPI HenryWin v3.2                            | 1.107                           | CRC 89th Ed      | 0.080393                    | USEPA 2001 | 0.0000101                              | USEPA 2001         | 43.89                     | EPI KOCWIN v2.0     | 1400             | EPI WATERNT v.01 |
| Chloro-1,3-butadiene, 2-          | 126-99-8   | 88.54            | EPI Dermwin v2.0 | 2.2935405                    | 0.0561                            | EPI HenryWin v3.2                            | 0.956                           | CRC 89th Ed      | 0.084147                    | USEPA 2001 | 0.00001                                | USEPA 2001         | 60.7                      | EPI KOCWIN v2.0     | 836.92           | EPI WATERNT v.01 |
| Chloro-2-methylaniline HCl, 4-    | 3165-93-3  | 141.6            | EPI Dermwin v2.0 | 0.0000814                    | 0.00000199                        | EPI HenryWin v3.2                            |                                 |                  | 0.069938                    | USEPA 1987 | 8.1717E-06                             | USEPA 1987         | 184.5                     | EPI KOCWIN v2.0     | 1732.4           | EPI WATERNT v.01 |
| Chloroacetaldehyde, 2-            | 107-20-0   | 78.5             | EPI Dermwin v2.0 | 0.00074                      | 0.0000181                         | EPI HenryWin v3.2                            | 1.19                            | CRC 89th Ed      | 0.101505                    | USEPA 2001 | 0.0000123                              | USEPA 2001         | 1                         | EPI KOCWIN v2.0     | 266780           | EPI WATERNT v.01 |
| Chloroacetic Acid                 | 79-11-8    | 94.5             | EPI Dermwin v2.0 | 3.7858E-07                   | 9.26E-09                          | EPI HenryWin v3.2                            | 1.4043                          | CRC 89th Ed      |                             |            |  |                    | 1.44                      | EPI KOCWIN v2.0     | 858000           | EPI WATERNT v.01 |
| Chloroacetophenone, 2-            | 532-27-4   | 154.6            | EPI Dermwin v2.0 | 0.0001349                    | 0.0000033                         | EPI HenryWin v3.2                            | 1.324                           | CRC 89th Ed      | 0.052239                    | EPA 2002   | 8.7273E-06                             | EPA 2002           | 98.9                      | EPI KOCWIN v2.0     | 2484.9           | EPI WATERNT v.01 |
| Chloroaniline, p-                 | 106-47-8   | 127.57           | EPI Dermwin v2.0 | 0.0000474                    | 0.00000116                        | EPI HenryWin v3.2                            | 1.429                           | CRC 89th Ed      | 0.070385                    | EPA 2002   | 0.0000103                              | EPA 2002           | 112.7                     | EPI KOCWIN v2.0     | 3900             | EPI WATERNT v.01 |
| Chlorobenzene                     | 108-90-7   | 112.56           | EPI Dermwin v2.0 | 0.01271464                   | 0.00311                           | EPI HenryWin v3.2                            | 1.1058                          | CRC 89th Ed      | 0.072131                    | USEPA 2001 | 9.4765E-06                             | USEPA 2001         | 233.9                     | EPI KOCWIN v2.0     | 498              | EPI WATERNT v.01 |
| Chlorobenzilate                   | 510-15-6   | 325.19           | EPI Dermwin v2.0 | 2.9599E-06                   | 7.24E-08                          | EPI HenryWin v3.2                            | 1.2816                          | CRC 89th Ed      |                             |            |  |                    | 1539                      | EPI KOCWIN v2.0     | 13               | EPI WATERNT v.01 |
| Chlorobenzoic Acid, p-            | 74-11-3    | 156.57           | EPI Dermwin v2.0 | 1.5863E-06                   | 3.88E-08                          | EPI HenryWin v3.2                            |                                 |                  |                             |            |  |                    | 26.56                     | EPI KOCWIN v2.0     | 72               | EPI WATERNT v.01 |
| Chlorobenzotrifluoride, 4-        | 98-56-6    | 180.56           | EPI Dermwin v2.0 | 1.4186427                    | 0.0347                            | EPI HenryWin v3.2                            | 1.334                           | CRC 89th Ed      | 0.0385                      | USEPA 2001 | 7.9872E-06                             | USEPA 2001         | 1606                      | EPI KOCWIN v2.0     | 11723            | EPI WATERNT v.01 |
| Chlorobutane, 1-                  | 109-69-3   | 92.57            | EPI Dermwin v2.0 | 0.6827473                    | 0.0167                            | EPI HenryWin v3.2                            | 0.8857                          | CRC 89th Ed      | 0.078413                    | USEPA 2001 | 9.3274E-06                             | USEPA 2001         | 72.17                     | EPI KOCWIN v2.0     | 1100             | EPI WATERNT v.01 |
| Chlorodifluoromethane             | 75-45-6    | 86.47            | EPI Dermwin v2.0 | 1.6598528                    | 0.0406                            | EPI HenryWin v3.2                            | 1.4909                          | CRC 89th Ed      | 0.103378                    | USEPA 2001 | 0.0000133                              | USEPA 2001         | 31.82                     | EPI KOCWIN v2.0     | 2770             | EPI WATERNT v.01 |
| Chloroform                        | 67-66-3    | 119.38           | EPI Dermwin v2.0 | 0.1500409                    | 0.00367                           | EPI HenryWin v3.2                            | 1.4788                          | CRC 89th Ed      | 0.07692                     | USEPA 2001 | 0.0000109                              | USEPA 2001         | 31.82                     | EPI KOCWIN v2.0     |                  |                  |





Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table November 2010

| Contaminant                                |            | Molecular Weight |                  | Henry's Law Constants        |                                   |                            | Density                         |             | Diffusivity in Air          |            | Diffusivity in Water        |            | Organic Carbon Partition |                 | Water Solubility |                  |
|--|------------|------------------|------------------|------------------------------|-----------------------------------|----------------------------|---------------------------------|-------------|-----------------------------|------------|-----------------------------|------------|--------------------------|-----------------|------------------|------------------|
| Analyte                                    | CAS No.    | MW               | MW Ref           | H <sup>*</sup><br>(unitless) | HLC<br>(atm-m <sup>3</sup> /mole) | H <sup>*</sup> and HLC Ref | Density<br>(g/cm <sup>3</sup> ) | Density Ref | Dia<br>(cm <sup>2</sup> /s) | Dia Ref    | Diw<br>(cm <sup>2</sup> /s) | Diw Ref    | Koc<br>(L/kg)            | Koc Ref         | S<br>(mg/L)      | S Ref            |
| ALAR                                       | 1596-84-5  | 160.17           | EPI Dermwin v2.0 | 1.7294E-08                   | 4.23E-10                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 10                       | EPI KOCWIN v2.0 | 100000           | EPI WATERNT v.01 |
| Dichloroacetic Acid                        | 79-43-6    | 128.94           | EPI Dermwin v2.0 | 3.426E-07                    | 8.38E-09                          | EPI HenryWin v3.2          | 1.5634                          | CRC 89th Ed | 0.072234                    | EPA 2002   | 0.0000108                   | EPA 2002   | 2.252                    | EPI KOCWIN v2.0 | 1000000          | EPI WATERNT v.01 |
| Dichlorobenzene, 1,2-                      | 95-50-1    | 147              | EPI Dermwin v2.0 | 0.0784955                    | 0.00192                           | EPI HenryWin v3.2          | 1.3059                          | CRC 89th Ed | 0.05617                     | USEPA 2001 | 8.9213E-06                  | USEPA 2001 | 382.9                    | EPI KOCWIN v2.0 | 156              | EPI WATERNT v.01 |
| Dichlorobenzene, 1,4-                      | 106-46-7   | 147              | EPI Dermwin v2.0 | 0.0985282                    | 0.00241                           | EPI HenryWin v3.2          | 1.2475                          | CRC 89th Ed | 0.055043                    | USEPA 2001 | 8.6797E-06                  | USEPA 2001 | 375.3                    | EPI KOCWIN v2.0 | 81.3             | EPI WATERNT v.01 |
| Dichlorobenzidine, 3,3'-                   | 91-94-1    | 253.13           | EPI Dermwin v2.0 | 2.0891E-09                   | 5.11E-11                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 3190                     | EPI KOCWIN v2.0 | 3.1              | EPI WATERNT v.01 |
| Dichlorobenzophenone, 4,4'-                | 90-98-2    | 251.11           | EPI Dermwin v2.0 | 0.0000437                    | 0.00000107                        | EPI HenryWin v3.2          | 1.45                            | CRC 89th Ed |                             |            |                             |            | 2927                     | EPI KOCWIN v2.0 | 7.802            | EPI WATERNT v.01 |
| Dichlorodifluoromethane                    | 75-71-8    | 120.91           | EPI Dermwin v2.0 | 14.022895                    | 0.343                             | EPI HenryWin v3.2          |                                 |             | 0.077704                    | USEPA 1987 | 0.0791E-06                  | USEPA 1987 | 43.89                    | EPI KOCWIN v2.0 | 280              | EPI WATERNT v.01 |
| Dichloroethane, 1,1-                       | 75-34-3    | 98.96            | EPI Dermwin v2.0 | 0.2297629                    | 0.00562                           | EPI HenryWin v3.2          | 1.1757                          | CRC 89th Ed | 0.083645                    | USEPA 2001 | 0.0000106                   | USEPA 2001 | 31.82                    | EPI KOCWIN v2.0 | 540              | EPI WATERNT v.01 |
| Dichloroethane, 1,2-                       | 107-06-2   | 98.96            | EPI Dermwin v2.0 | 0.048242                     | 0.00118                           | EPI HenryWin v3.2          | 1.2454                          | CRC 89th Ed | 0.085722                    | USEPA 2001 | 0.000011                    | USEPA 2001 | 39.6                     | EPI KOCWIN v2.0 | 8600             | EPI WATERNT v.01 |
| Dichloroethylene, 1,1-                     | 75-35-4    | 96.94            | EPI Dermwin v2.0 | 1.0670482                    | 0.0261                            | EPI HenryWin v3.2          | 1.213                           | CRC 89th Ed | 0.086314                    | USEPA 2001 | 0.000011                    | USEPA 2001 | 31.82                    | EPI KOCWIN v2.0 | 2420             | EPI WATERNT v.01 |
| Dichloroethylene, 1,2- (Mixed Isomers)     | 540-59-0   | 96.94            | EPI Dermwin v2.0 | 0.1668029                    | 0.00408                           | EPI HenryWin v3.2          |                                 |             | 0.090036                    | USEPA 1987 | 0.0000105                   | USEPA 1987 | 39.6                     | EPI KOCWIN v2.0 | 3500             | EPI WATERNT v.01 |
| Dichloroethylene, 1,2-cis-                 | 156-59-2   | 96.94            | EPI Dermwin v2.0 | 0.1668029                    | 0.00408                           | EPI HenryWin v3.2          | 1.2837                          | CRC 89th Ed | 0.088409                    | USEPA 2001 | 0.0000113                   | USEPA 2001 | 39.6                     | EPI KOCWIN v2.0 | 6410             | EPI WATERNT v.01 |
| Dichloroethylene, 1,2-trans-               | 156-60-5   | 96.94            | EPI Dermwin v2.0 | 0.1668029                    | 0.00408                           | EPI HenryWin v3.2          | 1.2565                          | CRC 89th Ed | 0.087613                    | USEPA 2001 | 0.0000112                   | USEPA 2001 | 39.6                     | EPI KOCWIN v2.0 | 4520             | EPI WATERNT v.01 |
| Dichlorophenol, 2,4-                       | 120-83-2   | 163              | EPI Dermwin v2.0 | 0.0001754                    | 0.00000429                        | EPI HenryWin v3.2          |                                 |             | 0.063674                    | USEPA 1987 | 7.4398E-06                  | USEPA 1987 | 491.8                    | EPI KOCWIN v2.0 | 4500             | EPI WATERNT v.01 |
| Dichlorophenoxy Acetic Acid, 2,4-          | 94-75-7    | 221.04           | EPI Dermwin v2.0 | 1.4473E-06                   | 3.54E-08                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 29.63                    | EPI KOCWIN v2.0 | 677              | EPI WATERNT v.01 |
| Dichlorophenoxybutyric Acid, 4-(2,4-       | 94-82-6    | 249.1            | EPI Dermwin v2.0 | 2.3998E-07                   | 5.87E-09                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 98.4                     | EPI KOCWIN v2.0 | 46               | EPI WATERNT v.01 |
| Dichloropropane, 1,2-                      | 78-87-5    | 112.99           | EPI Dermwin v2.0 | 0.1152903                    | 0.00282                           | EPI HenryWin v3.2          |                                 |             | 0.081294                    | USEPA 1987 | 9.4986E-06                  | USEPA 1987 | 60.7                     | EPI KOCWIN v2.0 | 2800             | EPI WATERNT v.01 |
| Dichloropropane, 1,3-                      | 142-28-9   | 112.99           | EPI Dermwin v2.0 | 0.0399019                    | 0.000976                          | EPI HenryWin v3.2          | 1.1785                          | CRC 89th Ed | 0.073874                    | USEPA 2001 | 9.3623E-06                  | USEPA 2001 | 72.17                    | EPI KOCWIN v2.0 | 2750             | EPI WATERNT v.01 |
| Dichloropropanol, 2,3-                     | 616-23-9   | 128.99           | EPI Dermwin v2.0 | 1.48E-07                     | 3.62E-09                          | EPI HenryWin v3.2          | 1.3607                          | CRC 89th Ed |                             |            |                             |            | 5.568                    | EPI KOCWIN v2.0 | 60820            | EPI WATERNT v.01 |
| Dichloropropene, 1,3-                      | 542-75-6   | 110.97           | EPI Dermwin v2.0 | 0.1451349                    | 0.00355                           | EPI HenryWin v3.2          |                                 |             | 0.082278                    | USEPA 1987 | 9.6135E-06                  | USEPA 1987 | 72.17                    | EPI KOCWIN v2.0 | 2800             | EPI WATERNT v.01 |
| Dichlorvos                                 | 62-73-7    | 220.98           | EPI Dermwin v2.0 | 0.0000235                    | 0.000000574                       | EPI HenryWin v3.2          | 1.415                           | CRC 89th Ed |                             |            |                             |            | 53.96                    | EPI KOCWIN v2.0 | 8000             | EPI WATERNT v.01 |
| Dicyclopentadiene                          | 77-73-6    | 132.21           | EPI Dermwin v2.0 | 2.5551922                    | 0.0625                            | EPI HenryWin v3.2          |                                 |             | 0.073211                    | USEPA 1987 | 8.5541E-06                  | USEPA 1987 | 1513                     | EPI KOCWIN v2.0 | 13.687           | EPI WATERNT v.01 |
| Dieldrin                                   | 60-57-1    | 380.91           | EPI Dermwin v2.0 | 0.0004088                    | 0.00001                           | EPI HenryWin v3.2          | 1.75                            | CRC 89th Ed |                             |            |                             |            | 20090                    | EPI KOCWIN v2.0 | 0.195            | EPI WATERNT v.01 |
| Diesel Engine Exhaust                      | NA         |                  |                  |                              |                                   |                            |                                 |             |                             |            |                             |            |                          |                 |                  |                  |
| Diethanolamine                             | 111-42-2   | 105.14           | EPI Dermwin v2.0 | 1.5822E-09                   | 3.87E-11                          | EPI HenryWin v3.2          | 1.0966                          | CRC 89th Ed |                             |            |                             |            | 1                        | EPI KOCWIN v2.0 | 1000000          | EPI WATERNT v.01 |
| Diethyl Phthalate                          | 84-66-2    | 222.24           | EPI Dermwin v2.0 | 0.0000249                    | 0.00000061                        | EPI HenryWin v3.2          | 1.232                           | CRC 89th Ed |                             |            |                             |            | 104.9                    | EPI KOCWIN v2.0 | 1080             | EPI WATERNT v.01 |
| Diethylene Glycol Monobutyl Ether          | 112-34-5   | 162.23           | EPI Dermwin v2.0 | 2.9436E-07                   | 7.2E-09                           | EPI HenryWin v3.2          | 0.9553                          | CRC 89th Ed |                             |            |                             |            | 10.9                     | EPI KOCWIN v2.0 | 1000000          | EPI WATERNT v.01 |
| Diethylene Glycol Monoethyl Ether          | 111-90-0   | 134.18           | EPI Dermwin v2.0 | 9.1169E-07                   | 2.23E-08                          | EPI HenryWin v3.2          | 0.9885                          | CRC 89th Ed |                             |            |                             |            | 1                        | EPI KOCWIN v2.0 | 1000000          | EPI WATERNT v.01 |
| Diethylformamide                           | 617-84-5   | 101.15           | EPI Dermwin v2.0 | 5.3148E-06                   | 0.00000013                        | EPI HenryWin v3.2          | 0.908                           | CRC 89th Ed |                             |            |                             |            | 2.06                     | EPI KOCWIN v2.0 | 1000000          | EPI WATERNT v.01 |
| Diethylstilbestrol                         | 56-53-1    | 268.36           | EPI Dermwin v2.0 | 2.371E-10                    | 5.8E-12                           | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 274100                   | EPI KOCWIN v2.0 | 12               | EPI WATERNT v.01 |
| Difenoquat                                 | 43222-48-6 | 360.43           | EPI Dermwin v2.0 |                              |                                   |                            |                                 |             |                             |            |                             |            | 78800                    | EPI KOCWIN v2.0 | 8170000          | EPI WATERNT v.01 |
| Diffubenzuron                              | 35367-38-5 | 310.69           | EPI Dermwin v2.0 | 1.8806E-07                   | 4.6E-09                           | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 463.2                    | EPI KOCWIN v2.0 | 0.08             | EPI WATERNT v.01 |
| Diffuoroethane, 1,1-                       | 75-37-6    | 66.05            | EPI Dermwin v2.0 | 0.8299264                    | 0.0203                            | EPI HenryWin v3.2          | 0.896                           | CRC 89th Ed | 0.102316                    | USEPA 2001 | 0.0000115                   | USEPA 2001 | 31.82                    | EPI KOCWIN v2.0 | 3200             | EPI WATERNT v.01 |
| Dihydrosafrole                             | 94-58-6    | 164.21           | EPI Dermwin v2.0 | 6.7457073                    | 0.165                             | EPI HenryWin v3.2          |                                 |             | 0.063361                    | USEPA 1987 | 7.4032E-06                  | USEPA 1987 | 207.2                    | EPI KOCWIN v2.0 | 5.7277           | EPI WATERNT v.01 |
| Diisopropyl Ether                          | 108-20-3   | 102.18           | EPI Dermwin v2.0 | 0.1046607                    | 0.00256                           | EPI HenryWin v3.2          | 0.7192                          | CRC 89th Ed | 0.065423                    | USEPA 2001 | 7.7582E-06                  | USEPA 2001 | 22.79                    | EPI KOCWIN v2.0 | 8800             | EPI WATERNT v.01 |
| Diisopropyl Methylphosphonate              | 1445-75-6  | 180.19           | EPI Dermwin v2.0 | 0.0017907                    | 0.0000438                         | EPI HenryWin v3.2          |                                 |             | 0.059557                    | USEPA 1987 | 6.9588E-06                  | USEPA 1987 | 42.2                     | EPI KOCWIN v2.0 | 1500             | EPI WATERNT v.01 |
| Dimethipin                                 | 55290-64-7 | 210.26           | EPI Dermwin v2.0 | 9.403E-10                    | 2.3E-11                           | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 10                       | EPI KOCWIN v2.0 | 4600             | EPI WATERNT v.01 |
| Dimethoate                                 | 60-51-5    | 229.25           | EPI Dermwin v2.0 | 9.9346E-09                   | 2.43E-10                          | EPI HenryWin v3.2          | 1.277                           | CRC 89th Ed |                             |            |                             |            | 12.77                    | EPI KOCWIN v2.0 | 23300            | EPI WATERNT v.01 |
| Dimethoxybenzidine, 3,3'-                  | 119-90-4   | 244.3            | EPI Dermwin v2.0 | 1.9052E-09                   | 4.66E-11                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 508.8                    | EPI KOCWIN v2.0 | 60               | EPI WATERNT v.01 |
| Dimethyl methylphosphonate                 | 756-79-6   | 124.08           | EPI Dermwin v2.0 | 0.0000511                    | 0.00000125                        | EPI HenryWin v3.2          | 1.1684                          | CRC 89th Ed | 0.06658                     | EPA 2002   | 9.2386E-06                  | EPA 2002   | 5.407                    | EPI KOCWIN v2.0 | 1000000          | EPI WATERNT v.01 |
| Dimethylamino azobenzene [p-]              | 60-11-7    | 225.3            | EPI Dermwin v2.0 | 9.5666E-06                   | 0.000000234                       | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 2028                     | EPI KOCWIN v2.0 | 0.23             | EPI WATERNT v.01 |
| Dimethylamine HCl, 2,4-                    | 21436-96-4 | 121.18           | EPI Dermwin v2.0 | 0.0001022                    | 0.0000025                         | EPI HenryWin v3.2          |                                 |             | 0.077589                    | USEPA 1987 | 9.0657E-06                  | USEPA 1987 | 184.5                    | EPI KOCWIN v2.0 | 2175.5           | EPI WATERNT v.01 |
| Dimethylaniline, 2,4-                      | 95-68-1    | 121.18           | EPI Dermwin v2.0 | 0.0001022                    | 0.0000025                         | EPI HenryWin v3.2          | 0.9723                          | CRC 89th Ed | 0.063025                    | EPA 2002   | 8.3925E-06                  | EPA 2002   | 184.5                    | EPI KOCWIN v2.0 | 2175.5           | EPI WATERNT v.01 |
| Dimethylaniline, N,N-                      | 121-69-7   | 121.18           | EPI Dermwin v2.0 | 0.0023222                    | 0.0000568                         | EPI HenryWin v3.2          | 0.9557                          | CRC 89th Ed | 0.062541                    | USEPA 2001 | 8.3063E-06                  | USEPA 2001 | 78.67                    | EPI KOCWIN v2.0 | 1450             | EPI WATERNT v.01 |
| Dimethylbenzidine, 3,3'-                   | 119-93-7   | 212.3            | EPI Dermwin v2.0 | 3.3115E-09                   | 8.1E-11                           | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 3190                     | EPI KOCWIN v2.0 | 1300             | EPI WATERNT v.01 |
| Dimethylformamide                          | 68-12-2    | 73.1             | EPI Dermwin v2.0 | 3.0213E-06                   | 7.39E-08                          | EPI HenryWin v3.2          | 0.9445                          | CRC 89th Ed |                             |            |                             |            | 1                        | EPI KOCWIN v2.0 | 1000000          | EPI WATERNT v.01 |
| Dimethylhydrazine, 1,1-                    | 57-14-7    | 60.1             | EPI Dermwin v2.0 | 2.8414E-06                   | 6.95E-08                          | EPI HenryWin v3.2          | 0.791                           | CRC 89th Ed |                             |            |                             |            | 11.95                    | EPI KOCWIN v2.0 | 1000000          | EPI WATERNT v.01 |
| Dimethylhydrazine, 1,2-                    | 540-73-8   | 60.1             | EPI Dermwin v2.0 | 2.8414E-06                   | 6.95E-08                          | EPI HenryWin v3.2          | 0.8274                          | CRC 89th Ed |                             |            |                             |            | 14.87                    | EPI KOCWIN v2.0 | 1000000          | EPI WATERNT v.01 |
| Dimethylphenol, 2,4-                       | 105-67-9   | 122.17           | EPI Dermwin v2.0 | 0.0000389                    | 0.000000951                       | EPI HenryWin v3.2          | 0.965                           | CRC 89th Ed | 0.062245                    | EPA 2002   | 8.314E-06                   | EPA 2002   | 491.8                    | EPI KOCWIN v2.0 | 7870             | EPI WATERNT v.01 |
| Dimethylphenol, 2,6-                       | 576-26-1   | 122.17           | EPI Dermwin v2.0 | 0.0002719                    | 0.00000665                        | EPI HenryWin v3.2          |                                 |             | 0.077169                    | USEPA 1987 | 9.0166E-06                  | USEPA 1987 | 501.9                    | EPI KOCWIN v2.0 | 6050             | EPI WATERNT v.01 |
| Dimethylphenol, 3,4-                       | 95-65-8    | 122.17           | EPI Dermwin v2.0 | 0.000017                     | 0.000000415                       | EPI HenryWin v3.2          | 0.983                           | CRC 89th Ed | 0.062762                    | EPA 2002   | 8.4067E-06                  | EPA 2002   | 491.8                    | EPI KOCWIN v2.0 | 4760             | EPI WATERNT v.01 |
| Dimethylterephthalate                      | 120-61-6   | 194.19           | EPI Dermwin v2.0 | 0.0054783                    | 0.000134                          | EPI HenryWin v3.2          | 1.075                           | CRC 89th Ed | 0.028533                    | USEPA 2001 | 6.7171E-06                  | USEPA 2001 | 30.96                    | EPI KOCWIN v2.0 | 19               | EPI WATERNT v.01 |
| Dimethylvinylchloride                      | 513-37-1   | 90.55            | EPI Dermwin v2.0 | 3.311529                     | 0.081                             | EPI HenryWin v3.2          | 0.9186                          | CRC 89th Ed | 0.081174                    | USEPA 2001 | 9.6608E-06                  | USEPA 2001 | 60.7                     | EPI KOCWIN v2.0 | 1000             | EPI WATERNT v.01 |
| Dinitro- <i>o</i> -cresol, 4,6-            | 534-52-1   | 198.14           | EPI Dermwin v2.0 | 0.0000572                    | 0.0000014                         | EPI HenryWin v3.2          |                                 |             | 0.055904                    | USEPA 1987 | 6.5319E-06                  | USEPA 1987 | 75.4                     | EPI KOCWIN v2.0 | 198              | EPI WATERNT v.01 |
| Dinitro- <i>o</i> -cyclohexyl Phenol, 4,6- | 131-89-5   | 266.26           | EPI Dermwin v2.0 | 1.3818E-09                   | 3.38E-11                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 16540                    | EPI KOCWIN v2.0 | 15               | EPI WATERNT v.01 |
| Dinitrobenzene, 1,2-                       | 528-29-0   | 168.11           | EPI Dermwin v2.0 | 2.1791E-06                   | 5.33E-08                          | EPI HenryWin v3.2          | 1.3119                          | CRC 89th Ed | 0.044718                    | EPA 2002   | 8.2538E-06                  | EPA 2002   | 358.8                    | EPI KOCWIN v2.0 | 133              | EPI WATERNT v.01 |
| Dinitrobenzene, 1,3-                       | 99-65-0    | 168.11           | EPI Dermwin v2.0 | 2.0033E-06                   | 0.000000049                       | EPI HenryWin v3.2          | 1.5751                          | CRC 89th Ed |                             |            |                             |            | 351.6                    | EPI KOCWIN v2.0 | 533              | EPI WATERNT v.01 |
| Dinitrobenzene, 1,4-                       | 100-25-4   | 168.11           | EPI Dermwin v2.0 | 0.0000151                    | 0.00000037                        | EPI HenryWin v3.2          | 1.625                           | CRC 89th Ed | 0.049167                    | EPA 2002   | 9.3849E-06                  | EPA 2002   | 351.6                    | EPI KOCWIN v2.0 | 69               | EPI WATERNT v.01 |
| Dinitrophenol, 2,4-                        | 51-28-5    | 184.11           | EPI Dermwin v2.0 | 3.5159E-06                   | 0.000000086                       |                            |                                 |             |                             |            |                             |            |                          |                 |                  |                  |



Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table November 2010

| Contaminant                                       |            | Molecular Weight |                  | Henry's Law Constants        |                                   |                            | Density                         |             | Diffusivity in Air          |            | Diffusivity in Water        |            | Organic Carbon Partition |                 | Water Solubility |                  |
|---|------------|------------------|------------------|------------------------------|-----------------------------------|----------------------------|---------------------------------|-------------|-----------------------------|------------|-----------------------------|------------|--------------------------|-----------------|------------------|------------------|
| Analyte   | CAS No.    | MW               | MW Ref           | H <sup>*</sup><br>(unitless) | HLC<br>(atm-m <sup>3</sup> /mole) | H <sup>*</sup> and HLC Ref | Density<br>(g/cm <sup>3</sup> ) | Density Ref | Dia<br>(cm <sup>2</sup> /s) | Dia Ref    | Diw<br>(cm <sup>2</sup> /s) | Diw Ref    | Koc<br>(L/kg)            | Koc Ref         | S<br>(mg/L)      | S Ref            |
| ALAR  | 1596-84-5  | 160.17           | EPI Dermwin v2.0 | 1.7294E-08                   | 4.23E-10                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 10                       | EPI KOCWIN v2.0 | 100000           | EPI WATERNT v.01 |
| Haloxyfop, Methyl                                 | 69806-40-2 | 375.73           | EPI Dermwin v2.0 | 0.000013                     | 0.000000319                       | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 5454                     | EPI KOCWIN v2.0 | 9.3              | EPI WATERNT v.01 |
| Harmony   | 79277-27-3 | 387.39           | EPI Dermwin v2.0 | 1.668E-12                    | 4.08E-14                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 50.76                    | EPI KOCWIN v2.0 | 2240             | EPI WATERNT v.01 |
| Heptachlor  | 76-44-8    | 373.32           | EPI Dermwin v2.0 | 0.0120196                    | 0.000294                          | EPI HenryWin v3.2          | 1.57                            | CRC 89th Ed |                             |            |                             |            | 41260                    | EPI KOCWIN v2.0 | 0.18             | EPI WATERNT v.01 |
| Heptachlor Epoxide                                | 1024-57-3  | 389.32           | EPI Dermwin v2.0 | 0.0008585                    | 0.000021                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 10110                    | EPI KOCWIN v2.0 | 0.2              | EPI WATERNT v.01 |
| Hexabromobenzene                                  | 87-82-1    | 551.49           | EPI Dermwin v2.0 | 0.0011488                    | 0.0000281                         | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 2807                     | EPI KOCWIN v2.0 | 0.00016          | EPI WATERNT v.01 |
| Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153) | 68631-49-2 |                  |                  |                              |                                   |                            |                                 |             |                             |            |                             |            |                          |                 | 0.0009           | IRIS Profile     |
| Hexachlorobenzene                                 | 118-74-1   | 284.78           | EPI Dermwin v2.0 | 0.0695012                    | 0.0017                            | EPI HenryWin v3.2          | 2.044                           | CRC 89th Ed |                             |            |                             |            | 6195                     | EPI KOCWIN v2.0 | 0.0062           | EPI WATERNT v.01 |
| Hexachlorobutadiene                               | 87-68-3    | 260.76           | EPI Dermwin v2.0 | 0.4210957                    | 0.0103                            | EPI HenryWin v3.2          | 1.556                           | CRC 89th Ed |                             |            |                             |            | 845.2                    | EPI KOCWIN v2.0 | 3.2              | EPI WATERNT v.01 |
| Hexachlorocyclohexane, Alpha-                     | 319-84-6   | 290.83           | EPI Dermwin v2.0 | 0.0002101                    | 0.00000514                        | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 2807                     | EPI KOCWIN v2.0 | 2                | EPI WATERNT v.01 |
| Hexachlorocyclohexane, Beta-                      | 319-85-7   | 290.83           | EPI Dermwin v2.0 | 0.0002101                    | 0.00000514                        | EPI HenryWin v3.2          | 1.89                            | CRC 89th Ed |                             |            |                             |            | 2807                     | EPI KOCWIN v2.0 | 0.24             | EPI WATERNT v.01 |
| Hexachlorocyclohexane, Gamma-(Lindane)            | 58-89-9    | 290.83           | EPI Dermwin v2.0 | 0.0002101                    | 0.00000514                        | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 2807                     | EPI KOCWIN v2.0 | 7.3              | EPI WATERNT v.01 |
| Hexachlorocyclohexane, Technical                  | 608-73-1   | 290.83           | EPI Dermwin v2.0 | 0.0002101                    | 0.00000514                        | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 2807                     | EPI KOCWIN v2.0 | 8                | EPI WATERNT v.01 |
| Hexachlorocyclopentadiene                         | 77-47-4    | 272.77           | EPI Dermwin v2.0 | 1.103843                     | 0.027                             | EPI HenryWin v3.2          | 1.7019                          | CRC 89th Ed |                             |            |                             |            | 1404                     | EPI KOCWIN v2.0 | 1.8              | EPI WATERNT v.01 |
| Hexachloroethane                                  | 67-72-1    | 236.74           | EPI Dermwin v2.0 | 0.1590352                    | 0.00389                           | EPI HenryWin v3.2          | 2.091                           | CRC 89th Ed |                             |            |                             |            | 196.8                    | EPI KOCWIN v2.0 | 50               | EPI WATERNT v.01 |
| Hexachlorophene                                   | 70-30-4    | 406.91           | EPI Dermwin v2.0 | 2.24E-11                     | 5.48E-13                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 668600                   | EPI KOCWIN v2.0 | 140              | EPI WATERNT v.01 |
| Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)     | 121-82-4   | 222.12           | EPI Dermwin v2.0 | 8.217E-10                    | 2.01E-11                          | EPI HenryWin v3.2          | 1.82                            | CRC 89th Ed |                             |            |                             |            | 89.07                    | EPI KOCWIN v2.0 | 59.7             | EPI WATERNT v.01 |
| Hexamethylene Diisocyanate, 1,6-                  | 822-06-0   | 168.2            | EPI Dermwin v2.0 | 0.0019624                    | 0.000048                          | EPI HenryWin v3.2          | 1.0528                          | CRC 89th Ed | 0.040426                    | USEPA 2001 | 7.2308E-06                  | USEPA 2001 | 4818                     | EPI KOCWIN v2.0 | 179.03           | EPI WATERNT v.01 |
| Hexane, N-  | 110-54-3   | 86.18            | EPI Dermwin v2.0 | 73.589534                    | 1.8                               | EPI HenryWin v3.2          | 0.6606                          | CRC 89th Ed | 0.073106                    | USEPA 2001 | 8.1657E-06                  | USEPA 2001 | 131.5                    | EPI KOCWIN v2.0 | 9.5              | EPI WATERNT v.01 |
| Hexanedioic Acid                                  | 124-04-9   | 146.14           | EPI Dermwin v2.0 | 1.926E-10                    | 4.71E-12                          | EPI HenryWin v3.2          | 1.36                            | CRC 89th Ed |                             |            |                             |            | 24.34                    | EPI KOCWIN v2.0 | 30800            | EPI WATERNT v.01 |
| Hexanone, 2-                                      | 591-78-6   | 100.16           | EPI Dermwin v2.0 | 0.0038103                    | 0.0000932                         | EPI HenryWin v3.2          | 0.8113                          | CRC 89th Ed | 0.070356                    | USEPA 2001 | 8.4404E-06                  | USEPA 2001 | 14.98                    | EPI KOCWIN v2.0 | 17200            | EPI WATERNT v.01 |
| Hexazinone  | 51235-04-2 | 252.32           | EPI Dermwin v2.0 | 9.24E-11                     | 2.26E-12                          | EPI HenryWin v3.2          | 1.25                            | CRC 89th Ed |                             |            |                             |            | 129.4                    | EPI KOCWIN v2.0 | 33000            | EPI WATERNT v.01 |
| Hydrazine   | 302-01-2   | 32.05            | EPI Dermwin v2.0 |                              |                                   |                            | 1.0036                          | CRC 89th Ed |                             |            |                             |            |                          |                 | 1000000          | EPI WATERNT v.01 |
| Hydrazine Sulfate                                 | 10034-93-2 | 128.1            | EPI Dermwin v2.0 |                              |                                   |                            | 1.378                           | CRC 89th Ed |                             |            |                             |            |                          |                 | 30550            | CRC 89th Ed      |
| Hydrogen Chloride                                 | 7647-01-0  | 35.45            | EPI Dermwin v2.0 |                              |                                   |                            | 1.49                            | CRC 89th Ed |                             |            |                             |            |                          |                 | 720000           | CRC 89th Ed      |
| Hydrogen Fluoride                                 | 7664-39-3  | 20.01            | EPI Dermwin v2.0 |                              |                                   |                            | 0.818                           | CRC 89th Ed |                             |            |                             |            |                          |                 |                  | CRC 89th Ed      |
| Hydrogen Sulfide                                  | 7783-06-4  | 34.08            | EPI Dermwin v2.0 |                              |                                   |                            | 1.393                           | CRC 89th Ed |                             |            |                             |            |                          |                 | 5132             | CRC 89th Ed      |
| Hydroquinone                                      | 123-31-9   | 110.11           | EPI Dermwin v2.0 | 1.9338E-09                   | 4.73E-11                          | EPI HenryWin v3.2          | 1.33                            | CRC 89th Ed |                             |            |                             |            | 240.5                    | EPI KOCWIN v2.0 | 72000            | EPI WATERNT v.01 |
| Imazalil  | 35554-44-0 | 297.19           | EPI Dermwin v2.0 | 1.0589E-07                   | 2.59E-09                          | EPI HenryWin v3.2          | 1.243                           | CRC 89th Ed |                             |            |                             |            | 8495                     | EPI KOCWIN v2.0 | 180              | EPI WATERNT v.01 |
| Imazaquin   | 81335-37-7 | 311.34           | EPI Dermwin v2.0 | 2.825E-16                    | 6.91E-18                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 2386                     | EPI KOCWIN v2.0 | 90               | EPI WATERNT v.01 |
| Iodine  | 7553-56-2  | 253.81           | EPI Dermwin v2.0 |                              |                                   |                            | 4.933                           | CRC 89th Ed |                             |            |                             |            |                          |                 | 330              | EPI WATERNT v.01 |
| Iprodione   | 36734-19-7 | 330.17           | EPI Dermwin v2.0 | 1.2756E-07                   | 3.12E-09                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 52.52                    | EPI KOCWIN v2.0 | 13.9             | EPI WATERNT v.01 |
| Iron  | 7439-89-6  | 55.85            | EPI Dermwin v2.0 |                              |                                   |                            | 7.87                            | CRC 89th Ed |                             |            |                             |            |                          |                 | 0                | Lange's 15th Ed  |
| Isobutyl Alcohol                                  | 78-83-1    | 74.12            | EPI Dermwin v2.0 | 0.0003998                    | 0.00000978                        | EPI HenryWin v3.2          | 0.8018                          | CRC 89th Ed | 0.089671                    | EPA 2002   | 0.00001                     | EPA 2002   | 2.919                    | EPI KOCWIN v2.0 | 85000            | EPI WATERNT v.01 |
| Isophorone  | 78-59-1    | 138.21           | EPI Dermwin v2.0 | 0.0002715                    | 0.00000664                        | EPI HenryWin v3.2          | 0.9255                          | CRC 89th Ed | 0.052505                    | EPA 2002   | 7.5296E-06                  | EPA 2002   | 65.15                    | EPI KOCWIN v2.0 | 12000            | EPI WATERNT v.01 |
| Isopropalin                                       | 33820-53-0 | 309.37           | EPI Dermwin v2.0 | 0.004538                     | 0.000111                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 11430                    | EPI KOCWIN v2.0 | 0.11             | EPI WATERNT v.01 |
| Isopropanol                                       | 67-63-0    | 60.1             | EPI Dermwin v2.0 | 0.0003312                    | 0.0000081                         | EPI HenryWin v3.2          | 0.7809                          | CRC 89th Ed | 0.103223                    | EPA 2002   | 0.0000112                   | EPA 2002   | 1.53                     | EPI KOCWIN v2.0 | 1000000          | EPI WATERNT v.01 |
| Isopropyl Methyl Phosphonic Acid                  | 1832-54-8  | 138.1            | EPI Dermwin v2.0 | 2.8128E-07                   | 6.88E-09                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 7.707                    | EPI KOCWIN v2.0 | 1000000          | EPI WATERNT v.01 |
| Isosaben  | 82558-50-7 | 332.4            | EPI Dermwin v2.0 | 5.1922E-08                   | 1.27E-09                          | EPI HenryWin v3.2          |                                 |             |                             | USEPA 1987 |                             | USEPA 1987 | 1262                     | EPI KOCWIN v2.0 | 1.42             | EPI WATERNT v.01 |
| JP-7  | NA         |                  |                  |                              |                                   |                            |                                 |             |                             |            |                             |            |                          |                 |                  |                  |
| Kerb  | 23950-58-5 | 256.13           | EPI Dermwin v2.0 | 3.9943E-07                   | 9.77E-09                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 404.9                    | EPI KOCWIN v2.0 | 15               | EPI WATERNT v.01 |
| Lactofen  | 77501-63-4 | 461.78           | EPI Dermwin v2.0 | 0.0000193                    | 0.000000472                       | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 23030                    | EPI KOCWIN v2.0 | 0.1              | EPI WATERNT v.01 |
| Lead Compounds                                    |            |                  |                  |                              |                                   |                            |                                 |             |                             |            |                             |            |                          |                 |                  |                  |
| *Lead acetate                                     | 301-04-2   | 325.29           | EPI Dermwin v2.0 |                              |                                   |                            | 3.25                            | CRC 89th Ed |                             |            |                             |            | 1                        | EPI KOCWIN v2.0 | 1600             | EPI WATERNT v.01 |
| *Lead and Compounds                               | 7439-92-1  | 207.2            | EPI Dermwin v2.0 |                              |                                   |                            | 11.3                            | CRC 89th Ed |                             |            |                             |            |                          |                 | 0                | CRC 89th Ed      |
| *Lead subacetate                                  | 1335-32-6  | 805.7            | EPI Dermwin v2.0 |                              |                                   |                            |                                 |             |                             |            |                             |            | 10.37                    | EPI KOCWIN v2.0 | 62500            | EPI WATERNT v.01 |
| *Tetraethyl Lead                                  | 78-00-2    | 323.45           | EPI Dermwin v2.0 | 23.221586                    | 0.568                             | EPI HenryWin v3.2          | 1.653                           | CRC 89th Ed |                             |            |                             |            | 647.9                    | EPI KOCWIN v2.0 | 0.29             | EPI WATERNT v.01 |
| Linuron   | 330-55-2   | 249.1            | EPI Dermwin v2.0 | 2.5552E-07                   | 6.25E-09                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 339.8                    | EPI KOCWIN v2.0 | 75               | EPI WATERNT v.01 |
| Lithium   | 7439-93-2  | 6.94             | EPI Dermwin v2.0 |                              |                                   |                            | 0.534                           | CRC 89th Ed |                             |            |                             |            |                          |                 | 0                | CRC 89th Ed      |
| Lithium Perchlorate                               | 7791-03-9  | 106.39           | EPI              |                              |                                   |                            | 2.428                           | CRC 89th Ed |                             |            |                             |            |                          |                 | 587000           | CRC 89th Ed      |
| Londax  | 83055-99-6 | 410.4            | EPI Dermwin v2.0 | 1.545E-13                    | 3.78E-15                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 27.76                    | EPI KOCWIN v2.0 | 120              | EPI WATERNT v.01 |
| MCPA  | 94-74-6    | 200.62           | EPI Dermwin v2.0 | 5.4374E-08                   | 1.33E-09                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 29.63                    | EPI KOCWIN v2.0 | 630              | EPI WATERNT v.01 |
| MCPB  | 94-81-5    | 228.68           | EPI Dermwin v2.0 | 1.1079E-07                   | 2.71E-09                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 98.4                     | EPI KOCWIN v2.0 | 48               | EPI WATERNT v.01 |
| MCPP  | 93-65-2    | 214.65           | EPI Dermwin v2.0 | 3.6631E-08                   | 8.96E-10                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 48.51                    | EPI KOCWIN v2.0 | 620              | EPI WATERNT v.01 |
| Malathion   | 121-75-5   | 330.35           | EPI Dermwin v2.0 | 1.9992E-07                   | 4.89E-09                          | EPI HenryWin v3.2          | 1.2076                          | CRC 89th Ed |                             |            |                             |            | 31.27                    | EPI KOCWIN v2.0 | 143              | EPI WATERNT v.01 |
| Maleic Anhydride                                  | 108-31-6   | 98.06            | EPI Dermwin v2.0 | 0.0001607                    | 0.00000393                        | EPI HenryWin v3.2          | 1.314                           | CRC 89th Ed | 0.088395                    | EPA 2002   | 0.0000114                   | EPA 2002   | 1                        | EPI KOCWIN v2.0 | 460250           | EPI WATERNT v.01 |
| Maleic Hydrazide                                  | 123-33-1   | 112.09           | EPI Dermwin v2.0 | 1.0834E-09                   | 2.65E-11                          | EPI HenryWin v3.2          |                                 |             | 0.081729                    | USEPA 1987 | 9.5494E-06                  | USEPA 1987 | 3.303                    | EPI KOCWIN v2.0 | 4510             | EPI WATERNT v.01 |
| Malononitrile                                     | 109-77-3   | 66.06            | EPI Dermwin v2.0 | 5.3557E-06                   | 0.000000131                       | EPI HenryWin v3.2          | 1.191                           | CRC 89th Ed | 0.115073                    | EPA 2002   | 0.0000136                   | EPA 2002   | 3.334                    | EPI KOCWIN v2.0 | 133000           | EPI WATERNT v.01 |
| Mancozeb  | 8018-01-7  | 212.36           | EPI Dermwin v2.0 | 0.0000231                    | 0.000000564                       | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 607.6                    | EPI KOCWIN v2.0 | 1000000          | EPI WATERNT v.01 |
| Maneb   | 12427-38-2 | 212.36           | EPI Dermwin v2.0 | 0.0000231                    | 0.000000564                       | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 607.6                    | EPI KOCWIN v2.0 | 1000000          | EPI WATERNT v.01 |
| Manganese (Diet)                                  | 7439-96-5  | 54.94            | EPI Dermwin v2.0 |                              |                                   |                            | 7.3                             | CRC 89th Ed |                             |            |                             |            |                          |                 | 0                | Lange's 15th Ed  |
| Manganese (Non-diet)                              | 7439-96-5  | 54.94            | EPI Dermwin v2.0 |                              |                                   |                            | 7.3                             | CRC 89th Ed |                             |            |                             |            |                          |                 | 57               | EPI WATERNT v.01 |
| Mephosfolan                                       | 950-10-7   | 269.32           | EPI Dermwin v2.0 | 4.8651E-09                   | 1.19E-10                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 636.3                    | EPI KOCWIN v2.0 | 500000           | EPI WATERNT v.01 |
| Mepiquat Chloride                                 | 24307-26-4 | 149.67           | EPI Dermwin v2.0 | 1.762E-10                    | 4.31E-12                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 66.16                    | EPI KOCWIN v2.0 |                  | EPI WATERNT v.01 |
| Mercury Compounds                                 |            |                  |                  |                              |                                   |                            |                                 |             |                             |            |                             |            |                          |                 |                  |                  |
| *Mercuric Chloride (and other Mercury salts)      | 7487-94-7  | 271.5            | EPI Dermwin v2.0 |                              |                                   |                            | 5.6                             | CRC 89th Ed |                             |            |                             |            |                          |                 | 69000            | EPI WATERNT v.01 |
| *Mercury (elemental)                              | 7439-97-6  | 200.59           | EPI Dermwin v2.0 | 0.467                        | 0.0114                            | SSL                        | 13.5336                         | CRC 89th Ed | 0.0307                      | SSL        | 0.0000063                   | SSL        |                          |                 | 0.06             | EPI WATERNT v.01 |
| *Methyl Mercury                                   | 22967-92-6 | 215.63           | EPI Dermwin v2.0 |                              |                                   |                            |                                 |             |                             |            |                             |            |                          |                 |                  |                  |



Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table November 2010

| Contaminant                                   |            | Molecular Weight |                  | Henry's Law Constants        |                                   |                            | Density                         |             | Diffusivity in Air          |            | Diffusivity in Water        |            | Organic Carbon Partition |                 | Water Solubility |                  |
|---|------------|------------------|------------------|------------------------------|-----------------------------------|----------------------------|---------------------------------|-------------|-----------------------------|------------|-----------------------------|------------|--------------------------|-----------------|------------------|------------------|
| Analyte                                       | CAS No.    | MW               | MW Ref           | H <sup>+</sup><br>(unitless) | HLC<br>(atm-m <sup>3</sup> /mole) | H <sup>+</sup> and HLC Ref | Density<br>(g/cm <sup>3</sup> ) | Density Ref | Dia<br>(cm <sup>2</sup> /s) | Dia Ref    | Diw<br>(cm <sup>2</sup> /s) | Diw Ref    | Koc<br>(L/kg)            | Koc Ref         | S<br>(mg/L)      | S Ref            |
| ALAR  | 1596-84-5  | 160.17           | EPI Dermwin v2.0 | 1.7294E-08                   | 4.23E-10                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 10                       | EPI KOCWIN v2.0 | 100000           | EPI WATERNT v.01 |
| *Phenylmercuric Acetate                       | 62-38-4    | 336.74           | EPI Dermwin v2.0 | 2.314E-08                    | 5.66E-10                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 56.44                    | EPI KOCWIN v2.0 | 4370             | EPI WATERNT v.01 |
| Merphos                                       | 150-50-5   | 298.5            | EPI Dermwin v2.0 | 0.000928                     | 0.0000227                         | EPI HenryWin v3.2          | 1.02                            | CRC 89th Ed |                             |            |                             |            | 48970                    | EPI KOCWIN v2.0 | 0.0009971        | EPI WATERNT v.01 |
| Merphos Oxide                                 | 78-48-8    | 314.5            | EPI Dermwin v2.0 | 0.000012                     | 0.000000294                       | EPI HenryWin v3.2          | 1.057                           | CRC 89th Ed |                             |            |                             |            | 2350                     | EPI KOCWIN v2.0 | 2.3              | EPI WATERNT v.01 |
| Metalaxyl                                     | 57837-19-1 | 279.34           | EPI Dermwin v2.0 | 1.2061E-07                   | 2.95E-09                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 38.57                    | EPI KOCWIN v2.0 | 8400             | EPI WATERNT v.01 |
| Methacrylonitrile                             | 126-98-7   | 67.09            | EPI Dermwin v2.0 | 0.0100981                    | 0.000247                          | EPI HenryWin v3.2          | 0.8001                          | CRC 89th Ed | 0.096431                    | USEPA 2001 | 0.0000106                   | USEPA 2001 | 13.05                    | EPI KOCWIN v2.0 | 25400            | EPI WATERNT v.01 |
| Methamidophos                                 | 10265-92-6 | 141.13           | EPI Dermwin v2.0 | 3.5487E-08                   | 8.68E-10                          | EPI HenryWin v3.2          | 1.31                            | CRC 89th Ed |                             |            |                             |            | 5.407                    | EPI KOCWIN v2.0 | 1000000          | EPI WATERNT v.01 |
| Methanol                                      | 67-56-1    | 32.04            | EPI Dermwin v2.0 | 0.000186                     | 0.00000455                        | EPI HenryWin v3.2          | 0.7914                          | CRC 89th Ed | 0.158281                    | EPA 2002   | 0.0000165                   | EPA 2002   | 1                        | EPI KOCWIN v2.0 | 1000000          | EPI WATERNT v.01 |
| Methidathion                                  | 950-37-8   | 302.32           | EPI Dermwin v2.0 | 2.9313E-07                   | 7.17E-09                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 21.24                    | EPI KOCWIN v2.0 | 187              | EPI WATERNT v.01 |
| Methomyl                                      | 16752-77-5 | 162.21           | EPI Dermwin v2.0 | 8.054E-10                    | 1.97E-11                          | EPI HenryWin v3.2          | 1.2946                          | CRC 89th Ed | 0.04759                     | EPA 2002   | 8.3658E-06                  | EPA 2002   | 10                       | EPI KOCWIN v2.0 | 58000            | EPI WATERNT v.01 |
| Methoxy-5-nitroaniline, 2-                    | 99-59-2    | 168.15           | EPI Dermwin v2.0 | 6.0098E-07                   | 1.47E-08                          | EPI HenryWin v3.2          | 1.2068                          | CRC 89th Ed |                             |            |                             |            | 71.31                    | EPI KOCWIN v2.0 | 115              | EPI WATERNT v.01 |
| Methoxychlor                                  | 72-43-5    | 345.66           | EPI Dermwin v2.0 | 8.2993E-06                   | 0.00000203                        | EPI HenryWin v3.2          | 1.41                            | CRC 89th Ed |                             |            |                             |            | 26890                    | EPI KOCWIN v2.0 | 0.1              | EPI WATERNT v.01 |
| Methoxyethanol Acetate, 2-                    | 110-49-6   | 118.13           | EPI Dermwin v2.0 | 0.0000127                    | 0.000000311                       | EPI HenryWin v3.2          | 1.0074                          | CRC 89th Ed | 0.065835                    | EPA 2002   | 8.7052E-06                  | EPA 2002   | 2.492                    | EPI KOCWIN v2.0 | 1000000          | EPI WATERNT v.01 |
| Methoxyethanol, 2-                            | 109-86-4   | 76.1             | EPI Dermwin v2.0 | 0.0000135                    | 0.00000033                        | EPI HenryWin v3.2          | 0.9647                          | CRC 89th Ed | 0.095152                    | EPA 2002   | 0.000011                    | EPA 2002   | 1                        | EPI KOCWIN v2.0 | 1000000          | EPI WATERNT v.01 |
| Methyl Acetate                                | 79-20-9    | 74.08            | EPI Dermwin v2.0 | 0.0047016                    | 0.000115                          | EPI HenryWin v3.2          | 0.9342                          | CRC 89th Ed | 0.095776                    | USEPA 2001 | 0.000011                    | USEPA 2001 | 3.064                    | EPI KOCWIN v2.0 | 243000           | EPI WATERNT v.01 |
| Methyl Acrylate                               | 96-33-3    | 86.09            | EPI Dermwin v2.0 | 0.0081357                    | 0.000199                          | EPI HenryWin v3.2          | 0.9535                          | CRC 89th Ed | 0.085998                    | USEPA 2001 | 0.0000102                   | USEPA 2001 | 5.844                    | EPI KOCWIN v2.0 | 49400            | EPI WATERNT v.01 |
| Methyl Ethyl Ketone (2-Butanone)              | 78-93-3    | 72.11            | EPI Dermwin v2.0 | 0.0023262                    | 0.0000569                         | EPI HenryWin v3.2          | 0.7999                          | CRC 89th Ed | 0.091444                    | USEPA 2001 | 0.0000102                   | USEPA 2001 | 4.51                     | EPI KOCWIN v2.0 | 223000           | EPI WATERNT v.01 |
| Methyl Isobutyl Ketone (4-methyl-2-pentanone) | 108-10-1   | 100.16           | EPI Dermwin v2.0 | 0.0056419                    | 0.000138                          | EPI HenryWin v3.2          | 0.7965                          | CRC 89th Ed | 0.06978                     | USEPA 2001 | 8.3477E-06                  | USEPA 2001 | 12.6                     | EPI KOCWIN v2.0 | 19000            | EPI WATERNT v.01 |
| Methyl Isocyanate                             | 624-83-9   | 57.05            | EPI Dermwin v2.0 | 0.0378577                    | 0.000926                          | EPI HenryWin v3.2          | 0.9588                          | CRC 89th Ed | 0.116552                    | USEPA 2001 | 0.0000131                   | USEPA 2001 | 39.6                     | EPI KOCWIN v2.0 | 48330            | EPI WATERNT v.01 |
| Methyl Methacrylate                           | 80-62-6    | 100.12           | EPI Dermwin v2.0 | 0.0130417                    | 0.000319                          | EPI HenryWin v3.2          | 0.9377                          | CRC 89th Ed | 0.075045                    | USEPA 2001 | 9.2087E-06                  | USEPA 2001 | 9.14                     | EPI KOCWIN v2.0 | 15000            | EPI WATERNT v.01 |
| Methyl Parathion                              | 298-00-0   | 263.21           | EPI Dermwin v2.0 | 4.0883E-06                   | 0.0000001                         | EPI HenryWin v3.2          | 1.358                           | CRC 89th Ed |                             |            |                             |            | 729.3                    | EPI KOCWIN v2.0 | 37.7             | EPI WATERNT v.01 |
| Methyl Phosphonic Acid                        | 993-13-5   | 96.02            | EPI Dermwin v2.0 | 4.988E-10                    | 1.22E-11                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 1.407                    | EPI KOCWIN v2.0 | 20000            | EPI WATERNT v.01 |
| Methyl Styrene (Mixed Isomers)                | 25013-15-4 | 118.18           | EPI Dermwin v2.0 | 0.1042518                    | 0.00255                           | EPI HenryWin v3.2          |                                 |             | 0.078897                    | USEPA 1987 | 9.2184E-06                  | USEPA 1987 | 697.8                    | EPI KOCWIN v2.0 | 89               | EPI WATERNT v.01 |
| Methyl methanesulfonate                       | 66-27-3    | 110.13           | EPI Dermwin v2.0 | 0.0001648                    | 0.00000403                        | EPI HenryWin v3.2          | 1.2943                          | CRC 89th Ed |                             |            |                             |            | 4.332                    | EPI KOCWIN v2.0 | 837860           | EPI WATERNT v.01 |
| Methyl tert-Butyl Ether (MTBE)                | 1634-04-4  | 88.15            | EPI Dermwin v2.0 | 0.0239984                    | 0.000587                          | EPI HenryWin v3.2          | 0.7353                          | CRC 89th Ed | 0.075268                    | USEPA 2001 | 8.5905E-06                  | USEPA 2001 | 11.56                    | EPI KOCWIN v2.0 | 51000            | EPI WATERNT v.01 |
| Methyl-5-Nitroaniline, 2-                     | 99-55-8    | 152.15           | EPI Dermwin v2.0 | 7.9313E-07                   | 1.94E-08                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 178.6                    | EPI KOCWIN v2.0 | 613.11           | EPI WATERNT v.01 |
| Methyl-N-nitro-N-nitrosoguanidine, N-         | 70-25-7    | 147.09           | EPI Dermwin v2.0 | 4.988E-11                    | 1.22E-12                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 72.02                    | EPI KOCWIN v2.0 | 1000000          | EPI WATERNT v.01 |
| Methylaniline Hydrochloride, 2-               | 636-21-5   | 107.16           | EPI Dermwin v2.0 | 0.0000809                    | 0.00000198                        | EPI HenryWin v3.2          |                                 |             | 0.084217                    | USEPA 1987 | 9.8401E-06                  | USEPA 1987 | 115                      | EPI KOCWIN v2.0 | 16600            | EPI WATERNT v.01 |
| Methylarsonic acid                            | 124-58-3   | 139.97           | EPI Dermwin v2.0 |                              |                                   |                            |                                 |             |                             |            |                             |            | 43.89                    | EPI KOCWIN v2.0 | 256000           | EPI WATERNT v.01 |
| Methylcholanthrene, 3-                        | 56-49-5    | 268.36           | EPI Dermwin v2.0 | 0.0002142                    | 0.00000524                        | EPI HenryWin v3.2          | 1.28                            | CRC 89th Ed |                             |            |                             |            | 961600                   | EPI KOCWIN v2.0 | 0.0029           | EPI WATERNT v.01 |
| Methylene Chloride                            | 75-09-2    | 84.93            | EPI Dermwin v2.0 | 0.13287                      | 0.00325                           | EPI HenryWin v3.2          | 1.3266                          | CRC 89th Ed | 0.099939                    | USEPA 2001 | 0.0000125                   | USEPA 2001 | 21.73                    | EPI KOCWIN v2.0 | 13000            | EPI WATERNT v.01 |
| Methylene-bis(2-chloroaniline), 4,4'          | 101-14-4   | 267.16           | EPI Dermwin v2.0 | 4.661E-10                    | 1.14E-11                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 5698                     | EPI KOCWIN v2.0 | 13.9             | EPI WATERNT v.01 |
| Methylene-bis(N,N-dimethyl) Aniline, 4,4'     | 101-61-1   | 254.38           | EPI Dermwin v2.0 | 4.9469E-06                   | 0.00000121                        | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 2667                     | EPI KOCWIN v2.0 | 5.4926           | EPI WATERNT v.01 |
| Methylenebisbenzamide, 4,4'                   | 101-77-9   | 198.27           | EPI Dermwin v2.0 | 6.46E-10                     | 1.58E-11                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 2126                     | EPI KOCWIN v2.0 | 1000             | EPI WATERNT v.01 |
| Methylenediphenyl Diisocyanate                | 101-68-8   | 250.26           | EPI Dermwin v2.0 | 0.0000366                    | 0.000000895                       | EPI HenryWin v3.2          | 1.197                           | CRC 89th Ed |                             |            |                             |            | 284900                   | EPI KOCWIN v2.0 | 1.836            | EPI WATERNT v.01 |
| Methylstyrene, Alpha-                         | 98-83-9    | 118.18           | EPI Dermwin v2.0 | 0.1042518                    | 0.00255                           | EPI HenryWin v3.2          | 0.9106                          | CRC 89th Ed | 0.062902                    | USEPA 2001 | 8.1911E-06                  | USEPA 2001 | 697.8                    | EPI KOCWIN v2.0 | 116              | EPI WATERNT v.01 |
| Metolachlor                                   | 51218-45-2 | 283.8            | EPI Dermwin v2.0 | 3.6795E-07                   | 0.00000009                        | EPI HenryWin v3.2          | 1.12                            | CRC 89th Ed |                             |            |                             |            | 488.5                    | EPI KOCWIN v2.0 | 530              | EPI WATERNT v.01 |
| Metribuzin                                    | 21087-64-9 | 214.29           | EPI Dermwin v2.0 | 4.7833E-09                   | 1.17E-10                          | EPI HenryWin v3.2          | 1.31                            | CRC 89th Ed |                             |            |                             |            | 53.13                    | EPI KOCWIN v2.0 | 1050             | EPI WATERNT v.01 |
| Midrange Aliphatic Hydrocarbon Streams        | NA         |                  |                  |                              |                                   |                            |                                 |             |                             |            |                             |            |                          |                 |                  |                  |
| Mineral oils                                  | 8012-95-1  | 170.34           | EPI Dermwin v2.0 | 334.42355                    | 8.18                              | EPI HenryWin v3.2          |                                 |             | 0.061831                    | USEPA 1987 | 7.2245E-06                  | USEPA 1987 | 4818                     | EPI KOCWIN v2.0 | 0.0037           | EPI WATERNT v.01 |
| Mirex   | 2385-85-5  | 545.55           | EPI Dermwin v2.0 | 0.0331562                    | 0.000811                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 356600                   | EPI KOCWIN v2.0 | 0.085            | EPI WATERNT v.01 |
| Molinate                                      | 2212-67-1  | 187.3            | EPI Dermwin v2.0 | 0.0001676                    | 0.0000041                         | EPI HenryWin v3.2          | 1.063                           | CRC 89th Ed | 0.031561                    | EPA 2002   | 6.8182E-06                  | EPA 2002   | 181.9                    | EPI KOCWIN v2.0 | 970              | EPI WATERNT v.01 |
| Molybdenum                                    | 7439-98-7  | 95.94            | EPI Dermwin v2.0 |                              |                                   |                            | 10.2                            | CRC 89th Ed |                             |            |                             |            |                          |                 | 0                | CRC 89th Ed      |
| Monochloramine                                | 10599-90-3 | 51.48            | EPI Dermwin v2.0 |                              |                                   |                            |                                 |             |                             |            |                             |            |                          |                 | 0                | CRC 89th Ed      |
| Monomethylaniline                             | 100-61-8   | 107.16           | EPI Dermwin v2.0 | 0.000363                     | 0.00000888                        | EPI HenryWin v3.2          | 0.9891                          | CRC 89th Ed | 0.0721                      | EPA 2002   | 9.1284E-06                  | EPA 2002   | 82.08                    | EPI KOCWIN v2.0 | 5620             | EPI WATERNT v.01 |
| N,N'-Diphenyl-1,4-benzenediamine              | 74-31-7    | 260.34           | EPI Dermwin v2.0 | 8.381E-09                    | 2.05E-10                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 51890                    | EPI KOCWIN v2.0 | 1.5867           | EPI WATERNT v.01 |
| Naled   | 300-76-5   | 380.79           | EPI Dermwin v2.0 | 0.0026615                    | 0.0000651                         | EPI HenryWin v3.2          | 1.96                            | CRC 89th Ed |                             |            |                             |            | 126.7                    | EPI KOCWIN v2.0 | 1.5              | EPI WATERNT v.01 |
| Naphtha, High Flash Aromatic (HFAN)           | 64724-95-6 |                  |                  |                              |                                   |                            |                                 |             |                             |            |                             |            |                          |                 |                  |                  |
| Naphthylamine, 2-                             | 91-59-8    | 143.19           | EPI Dermwin v2.0 | 3.3115E-06                   | 0.000000081                       | EPI HenryWin v3.2          | 1.6414                          | CRC 89th Ed |                             |            |                             |            | 2478                     | EPI KOCWIN v2.0 | 189              | EPI WATERNT v.01 |
| Napropamide                                   | 15299-99-7 | 271.36           | EPI Dermwin v2.0 | 3.4383E-08                   | 8.41E-10                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 3218                     | EPI KOCWIN v2.0 | 73               | EPI WATERNT v.01 |
| Nickel Carbonyl                               | 13463-39-3 | 170.73           | EPI              |                              |                                   |                            | 1.31                            | CRC 89th Ed |                             |            |                             |            |                          |                 | 0                | CRC 89th Ed      |
| Nickel Oxide                                  | 1313-99-1  | 74.69            | EPI Dermwin v2.0 |                              |                                   |                            | 6.72                            | CRC 89th Ed |                             |            |                             |            |                          |                 | 0                | CRC 89th Ed      |
| Nickel Refinery Dust                          | NA         |                  |                  |                              |                                   |                            |                                 |             |                             |            |                             |            |                          |                 |                  |                  |
| Nickel Soluble Salts                          | 7440-02-0  | 58.69            | EPI Dermwin v2.0 |                              |                                   |                            | 8.9                             | CRC 89th Ed |                             |            |                             |            |                          |                 | 0                | CRC 89th Ed      |
| Nickel Subsulfide                             | 12035-72-2 | 240.21           | EPI              |                              |                                   |                            | 5.87                            | CRC 89th Ed |                             |            |                             |            |                          |                 | 0                | Lange's 15th Ed  |
| Nitrate                                       | 14797-55-8 | 62               | EPI Dermwin v2.0 |                              |                                   |                            | 1.5129                          | CRC 89th Ed |                             |            |                             |            |                          |                 |                  |                  |
| Nitrite                                       | 14797-65-0 | 47.01            | EPI Dermwin v2.0 |                              |                                   |                            |                                 |             |                             |            |                             |            |                          |                 |                  |                  |
| Nitroaniline, 2-                              | 88-74-4    | 138.13           | EPI Dermwin v2.0 | 2.4121E-06                   | 0.000000059                       | EPI HenryWin v3.2          | 0.9015                          | CRC 89th Ed |                             |            |                             |            | 111.3                    | EPI KOCWIN v2.0 | 1470             | EPI WATERNT v.01 |
| Nitroaniline, 4-                              | 100-01-6   | 138.13           | EPI Dermwin v2.0 | 5.1513E-08                   | 1.26E-09                          | EPI HenryWin v3.2          | 1.424                           | CRC 89th Ed |                             |            |                             |            | 109.1                    | EPI KOCWIN v2.0 | 728              | EPI WATERNT v.01 |
| Nitrobenzene                                  | 98-95-3    | 123.11           | EPI Dermwin v2.0 | 0.0009812                    | 0.000024                          | EPI HenryWin v3.2          | 1.2037                          | CRC 89th Ed | 0.068054                    | USEPA 2001 | 9.4495E-06                  | USEPA 2001 | 226.4                    | EPI KOCWIN v2.0 | 2090             | EPI WATERNT v.01 |
| Nitrocellulose                                | 9004-70-0  | 387.3            | EPI Dermwin v2.0 | 1.345E-21                    | 3.29E-23                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 10                       | EPI KOCWIN v2.0 | 1000000          | EPI WATERNT v.01 |
| Nitrofurantoin                                | 67-20-9    | 238.16           | EPI Dermwin v2.0 | 5.437E-11                    | 1.33E-12                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 116.8                    | EPI KOCWIN v2.0 | 79.5             | EPI WATERNT v.01 |
| Nitrofurazone                                 | 59-87-0    | 198.14           | EPI Dermwin v2.0 | 1.267E-11                    | 3.1E-13                           | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 349.7                    | EPI KOCWIN v2.0 | 210              | EPI WATERNT v.01 |
| Nitroglycerin                                 | 55-63-0    | 227.09           | EPI Dermwin v2.0 | 3.5405E-06                   | 8.66E-08                          | EPI HenryWin v3.2          | 1.5931                          | CRC 89th Ed |                             |            |                             |            | 115.8                    | EPI KOCWIN v2   |                  |                  |



Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table November 2010

| Contaminant                                     |            | Molecular Weight |                  | Henry's Law Constants     |                                |                            | Density                      |             | Diffusivity in Air       |            | Diffusivity in Water                |                    | Organic Carbon Partition |                     | Water Solubility |                  |
|---|------------|------------------|------------------|---------------------------|--------------------------------|----------------------------|------------------------------|-------------|--------------------------|------------|-------------------------------------|--------------------|--------------------------|---------------------|------------------|------------------|
| Analyte   | CAS No.    | MW               | MW Ref           | H <sup>+</sup> (unitless) | HLC (atm-m <sup>3</sup> /mole) | H <sup>+</sup> and HLC Ref | Density (g/cm <sup>3</sup> ) | Density Ref | Dia (cm <sup>2</sup> /s) | Dia Ref    | D <sub>w</sub> (cm <sup>2</sup> /s) | D <sub>w</sub> Ref | K <sub>oc</sub> (L/kg)   | K <sub>oc</sub> Ref | S (mg/L)         | S Ref            |
| ALAR  | 1596-84-5  | 160.17           | EPI Dermwin v2.0 | 1.7294E-08                | 4.23E-10                       | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 10                       | EPI KOCWIN v2.0     | 100000           | EPI WATERNT v.01 |
| *Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 156)  | 38380-08-4 | 360.88           | EPI Dermwin v2.0 | 0.0058463                 | 0.000143                       | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 213600                   | EPI KOCWIN v2.0     | 0.00533          | EPI WATERNT v.01 |
| *Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)  | 32774-16-6 | 360.88           | EPI Dermwin v2.0 | 0.0066231                 | 0.000162                       | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 209300                   | EPI KOCWIN v2.0     | 0.00051          | EPI WATERNT v.01 |
| *Pentachlorobiphenyl, 2',3,4,4',5'- (PCB 123)   | 65510-44-3 | 326.44           | EPI Dermwin v2.0 | 0.0077678                 | 0.00019                        | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 130500                   | EPI KOCWIN v2.0     | 0.016            | EPI WATERNT v.01 |
| *Pentachlorobiphenyl, 2,3',4,4',5'- (PCB 118)   | 31598-00-6 | 326.44           | EPI Dermwin v2.0 | 0.0117743                 | 0.000288                       | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 127900                   | EPI KOCWIN v2.0     | 0.0134           | EPI WATERNT v.01 |
| *Pentachlorobiphenyl, 2,3,3',4,4',5'- (PCB 105) | 32598-14-4 | 326.44           | EPI Dermwin v2.0 | 0.0115699                 | 0.000283                       | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 130500                   | EPI KOCWIN v2.0     | 0.0034           | EPI WATERNT v.01 |
| *Pentachlorobiphenyl, 2,3,4,4',5'- (PCB 114)    | 74472-37-0 | 326.44           | EPI Dermwin v2.0 | 0.0077678                 | 0.00019                        | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 130500                   | EPI KOCWIN v2.0     | 0.016            | EPI WATERNT v.01 |
| *Pentachlorobiphenyl, 3,3',4,4',5'- (PCB 126)   | 57465-28-8 | 326.44           | EPI Dermwin v2.0 | 0.0077678                 | 0.00019                        | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 127900                   | EPI KOCWIN v2.0     | 0.0073282        | EPI WATERNT v.01 |
| *Polychlorinated Biphenyls (high risk)          | 1336-36-3  | 291.99           | EPI Dermwin v2.0 | 0.0077678                 | 0.00019                        | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 78100                    | EPI KOCWIN v2.0     | 0.7              | EPI WATERNT v.01 |
| *Polychlorinated Biphenyls (low risk)           | 1336-36-3  | 291.99           | EPI Dermwin v2.0 | 0.0077678                 | 0.00019                        | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 78100                    | EPI KOCWIN v2.0     | 0.7              | EPI WATERNT v.01 |
| *Polychlorinated Biphenyls (lowest risk)        | 1336-36-3  | 291.99           | EPI Dermwin v2.0 | 0.0077678                 | 0.00019                        | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 78100                    | EPI KOCWIN v2.0     | 0.7              | EPI WATERNT v.01 |
| *Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)       | 32598-13-3 | 291.99           | EPI Dermwin v2.0 | 0.0003843                 | 0.0000094                      | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 78100                    | EPI KOCWIN v2.0     | 0.000569         | EPI WATERNT v.01 |
| *Tetrachlorobiphenyl, 3,4,4',5'- (PCB 81)       | 70362-50-4 | 291.99           | EPI Dermwin v2.0 | 0.0091169                 | 0.000223                       | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 78100                    | EPI KOCWIN v2.0     | 0.032245         | EPI WATERNT v.01 |
| Polymeric Methylenediphenyl Diisocyanate (PMDI) | 9016-87-9  | 512.53           | EPI Dermwin v2.0 | 5.397E-10                 | 1.32E-11                       | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 1000000000               | EPI KOCWIN v2.0     | 1.763E-06        | EPI WATERNT v.01 |
| Polynuclear Aromatic Hydrocarbons (PAHs)        |            |                  |                  |                           |                                |                            |                              |             |                          |            |                                     |                    |                          |                     |                  |                  |
| *Acenaphthene                                   | 83-32-9    | 154.21           | EPI Dermwin v2.0 | 0.0075225                 | 0.000184                       | EPI HenryWin v3.2          | 1.222                        | CRC 89th Ed | 0.050614                 | USEPA 2001 | 0.00000833                          | USEPA 2001         | 5027                     | EPI KOCWIN v2.0     | 3.9              | EPI WATERNT v.01 |
| *Anthracene                                     | 120-12-7   | 178.24           | EPI Dermwin v2.0 | 0.0022731                 | 0.0000556                      | EPI HenryWin v3.2          | 1.28                         | CRC 89th Ed | 0.038973                 | USEPA 2001 | 7.8523E-06                          | USEPA 2001         | 16360                    | EPI KOCWIN v2.0     | 0.0434           | EPI WATERNT v.01 |
| *Benz[a]anthracene                              | 56-55-3    | 228.3            | EPI Dermwin v2.0 | 0.0004906                 | 0.000012                       | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 176900                   | EPI KOCWIN v2.0     | 0.0094           | EPI WATERNT v.01 |
| *Benzo[fluoranthene]                            | 205-82-3   | 252.32           | EPI Dermwin v2.0 | 8.2993E-06                | 0.00000203                     | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 599400                   | EPI KOCWIN v2.0     | 0.0025           | EPI WATERNT v.01 |
| *Benzo[a]pyrene                                 | 50-32-8    | 252.32           | EPI Dermwin v2.0 | 0.0000187                 | 0.000000457                    | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 587400                   | EPI KOCWIN v2.0     | 0.00162          | EPI WATERNT v.01 |
| *Benzo[b]fluoranthene                           | 205-99-2   | 252.32           | EPI Dermwin v2.0 | 0.0000269                 | 0.000000657                    | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 599400                   | EPI KOCWIN v2.0     | 0.0015           | EPI WATERNT v.01 |
| *Benzo[k]fluoranthene                           | 207-08-9   | 252.32           | EPI Dermwin v2.0 | 0.0000239                 | 0.000000584                    | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 587400                   | EPI KOCWIN v2.0     | 0.0008           | EPI WATERNT v.01 |
| *Chrysene                                       | 218-01-9   | 228.3            | EPI Dermwin v2.0 | 0.0002138                 | 0.00000523                     | EPI HenryWin v3.2          | 1.274                        | CRC 89th Ed |                          |            |                                     |                    | 180500                   | EPI KOCWIN v2.0     | 0.002            | EPI WATERNT v.01 |
| *Dibenz[a,h]anthracene                          | 53-70-3    | 278.36           | EPI Dermwin v2.0 | 5.7645E-06                | 0.000000141                    | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 1912000                  | EPI KOCWIN v2.0     | 0.00249          | EPI WATERNT v.01 |
| *Dibenzo[a,e]pyrene                             | 192-65-4   | 302.38           | EPI Dermwin v2.0 | 5.7645E-07                | 1.41E-08                       | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 6479000                  | EPI KOCWIN v2.0     | 0.0000425        | EPI WATERNT v.01 |
| *Dimethylbenz[a]anthracene, 7,12-               | 57-97-6    | 256.35           | EPI Dermwin v2.0 | 0.0001537                 | 0.00000376                     | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 493600                   | EPI KOCWIN v2.0     | 0.061            | EPI WATERNT v.01 |
| *Fluoranthene                                   | 206-44-0   | 202.26           | EPI Dermwin v2.0 | 0.0003622                 | 0.00000886                     | EPI HenryWin v3.2          | 1.252                        | CRC 89th Ed |                          |            |                                     |                    | 55450                    | EPI KOCWIN v2.0     | 0.26             | EPI WATERNT v.01 |
| *Fluorene                                       | 86-73-7    | 166.22           | EPI Dermwin v2.0 | 0.003933                  | 0.0000962                      | EPI HenryWin v3.2          | 1.203                        | CRC 89th Ed | 0.043974                 | USEPA 2001 | 7.889E-06                           | USEPA 2001         | 9160                     | EPI KOCWIN v2.0     | 1.69             | EPI WATERNT v.01 |
| *Indeno[1,2,3-cd]pyrene                         | 193-39-5   | 276.34           | EPI Dermwin v2.0 | 0.0000142                 | 0.000000348                    | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 1951000                  | EPI KOCWIN v2.0     | 0.00019          | EPI WATERNT v.01 |
| *Methylnaphthalene, 1-                          | 90-12-0    | 142.2            | EPI Dermwin v2.0 | 0.0210139                 | 0.000514                       | EPI HenryWin v3.2          | 1.0202                       | CRC 89th Ed | 0.052771                 | USEPA 2001 | 7.8477E-06                          | USEPA 2001         | 2528                     | EPI KOCWIN v2.0     | 25.8             | EPI WATERNT v.01 |
| *Methylnaphthalene, 2-                          | 91-57-6    | 142.2            | EPI Dermwin v2.0 | 0.0211774                 | 0.000518                       | EPI HenryWin v3.2          | 1.0058                       | CRC 89th Ed | 0.052432                 | USEPA 2001 | 7.7811E-06                          | USEPA 2001         | 2478                     | EPI KOCWIN v2.0     | 24.6             | EPI WATERNT v.01 |
| *Naphthalene                                    | 91-20-3    | 128.18           | EPI Dermwin v2.0 | 0.0179886                 | 0.000044                       | EPI HenryWin v3.2          | 1.0253                       | CRC 89th Ed | 0.060499                 | USEPA 2001 | 8.377E-06                           | USEPA 2001         | 1544                     | EPI KOCWIN v2.0     | 31               | EPI WATERNT v.01 |
| *Nitropyrene, 4-                                | 57835-92-4 | 247.26           | EPI Dermwin v2.0 | 1.0016E-06                | 2.45E-08                       | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 86110                    | EPI KOCWIN v2.0     | 0.044505         | EPI WATERNT v.01 |
| *Pyrene   | 129-00-0   | 202.26           | EPI Dermwin v2.0 | 0.0004865                 | 0.0000119                      | EPI HenryWin v3.2          | 1.271                        | CRC 89th Ed | 0.027787                 | EPA 2002   | 7.2479E-06                          | EPA 2002           | 54340                    | EPI KOCWIN v2.0     | 0.135            | EPI WATERNT v.01 |
| Potassium Perchlorate                           | 7778-74-7  | 138.55           | EPI Dermwin v2.0 |                           |                                |                            | 2.52                         | CRC 89th Ed |                          |            |                                     |                    |                          |                     | 15000            | EPI WATERNT v.01 |
| Prochloraz                                      | 67747-09-5 | 376.67           | EPI Dermwin v2.0 | 6.7048E-07                | 1.64E-08                       | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 2425                     | EPI KOCWIN v2.0     | 34               | EPI WATERNT v.01 |
| Profuralin                                      | 26399-36-0 | 347.3            | EPI Dermwin v2.0 | 0.0118561                 | 0.00029                        | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 30520                    | EPI KOCWIN v2.0     | 0.1              | EPI WATERNT v.01 |
| Prometon  | 1610-18-0  | 225.3            | EPI Dermwin v2.0 | 3.7163E-08                | 9.09E-10                       | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 137.4                    | EPI KOCWIN v2.0     | 750              | EPI WATERNT v.01 |
| Prometryn                                       | 7287-19-6  | 241.36           | EPI Dermwin v2.0 | 4.8651E-07                | 1.19E-08                       | EPI HenryWin v3.2          | 1.157                        | CRC 89th Ed |                          |            |                                     |                    | 656.4                    | EPI KOCWIN v2.0     | 33               | EPI WATERNT v.01 |
| Propachlor                                      | 1918-16-7  | 211.69           | EPI Dermwin v2.0 | 0.0000147                 | 0.00000036                     | EPI HenryWin v3.2          | 1.242                        | CRC 89th Ed |                          |            |                                     |                    | 204.5                    | EPI KOCWIN v2.0     | 580              | EPI WATERNT v.01 |
| Propamil  | 709-98-8   | 218.08           | EPI Dermwin v2.0 | 6.991E-08                 | 1.71E-09                       | EPI HenryWin v3.2          | 1.25                         | CRC 89th Ed |                          |            |                                     |                    | 175.9                    | EPI KOCWIN v2.0     | 152              | EPI WATERNT v.01 |
| Propargite                                      | 2312-35-8  | 350.48           | EPI Dermwin v2.0 | 0.0000262                 | 0.00000064                     | EPI HenryWin v3.2          | 1.1                          | CRC 89th Ed |                          |            |                                     |                    | 36650                    | EPI KOCWIN v2.0     | 0.215            | EPI WATERNT v.01 |
| Propargyl Alcohol                               | 107-19-7   | 56.06            | EPI Dermwin v2.0 | 0.000047                  | 0.00000115                     | EPI HenryWin v3.2          | 0.9478                       | CRC 89th Ed | 0.117395                 | EPA 2002   | 0.0000131                           | EPA 2002           | 1.904                    | EPI KOCWIN v2.0     | 1000000          | EPI WATERNT v.01 |
| Propazine                                       | 139-40-2   | 229.71           | EPI Dermwin v2.0 | 1.8806E-07                | 4.6E-09                        | EPI HenryWin v3.2          | 1.162                        | CRC 89th Ed |                          |            |                                     |                    | 344.1                    | EPI KOCWIN v2.0     | 8.6              | EPI WATERNT v.01 |
| Prophan   | 122-42-9   | 179.22           | EPI Dermwin v2.0 | 7.5225E-06                | 0.000000184                    | EPI HenryWin v3.2          | 1.09                         | CRC 89th Ed |                          |            |                                     |                    | 218.6                    | EPI KOCWIN v2.0     | 179              | EPI WATERNT v.01 |
| Propiconazole                                   | 60207-90-1 | 342.23           | EPI Dermwin v2.0 | 7.0319E-08                | 1.72E-09                       | EPI HenryWin v3.2          | 1.27                         | CRC 89th Ed |                          |            |                                     |                    | 1556                     | EPI KOCWIN v2.0     | 110              | EPI WATERNT v.01 |
| Propionaldehyde                                 | 123-38-6   | 58.08            | EPI Dermwin v2.0 | 0.0030008                 | 0.0000734                      | EPI HenryWin v3.2          | 0.8657                       | CRC 89th Ed | 0.110378                 | USEPA 2001 | 0.0000122                           | USEPA 2001         | 1                        | EPI KOCWIN v2.0     | 306000           | EPI WATERNT v.01 |
| Propyl benzene                                  | 103-65-1   | 120.2            | EPI Dermwin v2.0 | 0.4292723                 | 0.0105                         | EPI HenryWin v3.2          | 0.8593                       | CRC 89th Ed | 0.060156                 | USEPA 2001 | 7.831E-06                           | USEPA 2001         | 813.1                    | EPI KOCWIN v2.0     | 52.2             | EPI WATERNT v.01 |
| Propylene                                       | 115-07-1   | 42.08            | EPI Dermwin v2.0 | 8.0131                    | 0.196                          | EPI HenryWin v3.2          | 0.505                        | CRC 89th Ed | 0.109699                 | USEPA 2001 | 0.0000107                           | USEPA 2001         | 21.73                    | EPI KOCWIN v2.0     | 200              | EPI WATERNT v.01 |
| Propylene Glycol                                | 57-55-6    | 76.1             | EPI Dermwin v2.0 | 5.2739E-07                | 1.29E-08                       | EPI HenryWin v3.2          | 1.0361                       | CRC 89th Ed |                          |            |                                     |                    | 1                        | EPI KOCWIN v2.0     | 1000000          | EPI WATERNT v.01 |
| Propylene Glycol Dinitrate                      | 6423-43-4  | 166.09           | EPI Dermwin v2.0 | 0.0000385                 | 0.000000942                    | EPI HenryWin v3.2          |                              |             | 0.062882                 | USEPA 1987 | 7.3472E-06                          | USEPA 1987         | 60.7                     | EPI KOCWIN v2.0     | 3261.9           | EPI WATERNT v.01 |
| Propylene Glycol Monoethyl Ether                | 1569-02-4  | 104.15           | EPI Dermwin v2.0 | 1.0016E-06                | 2.45E-08                       | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 1.303                    | EPI KOCWIN v2.0     | 789970           | EPI WATERNT v.01 |
| Propylene Glycol Monomethyl Ether               | 107-98-2   | 90.12            | EPI Dermwin v2.0 | 0.0000376                 | 0.00000092                     | EPI HenryWin v3.2          | 0.962                        | CRC 89th Ed | 0.083147                 | EPA 2002   | 9.9606E-06                          | EPA 2002           | 1                        | EPI KOCWIN v2.0     | 1000000          | EPI WATERNT v.01 |
| Propylene Oxide                                 | 75-56-9    | 58.08            | EPI Dermwin v2.0 | 0.0028455                 | 0.0000696                      | EPI HenryWin v3.2          |                              |             | 0.126688                 | USEPA 1987 | 0.0000148                           | USEPA 1987         | 5.194                    | EPI KOCWIN v2.0     | 590000           | EPI WATERNT v.01 |
| Pursuit   | 81335-77-5 | 289.34           | EPI Dermwin v2.0 | 4.252E-15                 | 1.04E-16                       | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 339.1                    | EPI KOCWIN v2.0     | 1400             | EPI WATERNT v.01 |
| Pydrin  | 51630-58-1 | 419.91           | EPI Dermwin v2.0 | 1.4105E-08                | 3.45E-08                       | EPI HenryWin v3.2          | 1.15                         | CRC 89th Ed |                          |            |                                     |                    | 317000                   | EPI KOCWIN v2.0     | 0.024            | EPI WATERNT v.01 |
| Pyridine  | 110-86-1   | 79.1             | EPI Dermwin v2.0 | 0.0004497                 | 0.000011                       | EPI HenryWin v3.2          | 0.9819                       | CRC 89th Ed | 0.09309                  | USEPA 2001 | 0.0000109                           | USEPA 2001         | 71.72                    | EPI KOCWIN v2.0     | 1000000          | EPI WATERNT v.01 |
| Quinalphos                                      | 13593-03-8 | 298.3            | EPI Dermwin v2.0 | 1.897E-06                 | 4.64E-08                       | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 4185                     | EPI KOCWIN v2.0     | 22               | EPI WATERNT v.01 |
| Quinoline                                       | 91-22-5    | 129.16           | EPI Dermwin v2.0 | 0.0000683                 | 0.00000167                     | EPI HenryWin v3.2          | 1.0977                       | CRC 89th Ed | 0.0618                   | EPA 2002   | 8.6873E-06                          | EPA 2002           | 1544                     | EPI KOCWIN v2.0     | 6110             | EPI WATERNT v.01 |
| Refractory Ceramic Fibers                       | NA         |                  |                  |                           |                                |                            |                              |             |                          |            |                                     |                    |                          |                     |                  |                  |
| Resmethrin                                      | 10453-86-8 | 338.45           | EPI Dermwin v2.0 | 5.4374E-06                | 0.000000133                    | EPI HenryWin v3.2          |                              |             |                          |            |                                     |                    | 311400                   | EPI KOCWIN v2.0     | 0.0379           | EPI WATERNT v.01 |
| Ronnel  | 299-84-3   | 321.54           | EPI Dermwin v2.0 | 0.0013083                 | 0.000032                       | EPI HenryWin v3.2          | 1.44                         | CRC 8       |                          |            |                                     |                    |                          |                     |                  |                  |



Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table November 2010

| Contaminant                                  |            | Molecular Weight |                  | Henry's Law Constants        |                                   |                            | Density                         |             | Diffusivity in Air          |            | Diffusivity in Water        |            | Organic Carbon Partition |                 | Water Solubility |                  |
|--|------------|------------------|------------------|------------------------------|-----------------------------------|----------------------------|---------------------------------|-------------|-----------------------------|------------|-----------------------------|------------|--------------------------|-----------------|------------------|------------------|
| Analyte                                      | CAS No.    | MW               | MW Ref           | H <sup>+</sup><br>(unitless) | HLC<br>(atm-m <sup>3</sup> /mole) | H <sup>+</sup> and HLC Ref | Density<br>(g/cm <sup>3</sup> ) | Density Ref | Dia<br>(cm <sup>2</sup> /s) | Dia Ref    | Diw<br>(cm <sup>2</sup> /s) | Diw Ref    | Koc<br>(L/kg)            | Koc Ref         | S<br>(mg/L)      | S Ref            |
| ALAR   | 1596-84-5  | 160.17           | EPI Dermwin v2.0 | 1.7294E-08                   | 4.23E-10                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 10                       | EPI KOCWIN v2.0 | 100000           | EPI WATERNT v.01 |
| Sethoxydim                                   | 74051-80-2 | 327.49           | EPI Dermwin v2.0 | 8.831E-10                    | 2.16E-11                          | EPI HenryWin v3.2          | 1.043                           | CRC 89th Ed |                             |            |                             |            | 4374                     | EPI KOCWIN v2.0 | 25               | EPI WATERNT v.01 |
| Silica (crystalline, respirable)             | 7631-86-9  | 60.08            | EPI Dermwin v2.0 |                              |                                   |                            |                                 |             |                             |            |                             |            |                          |                 |                  |                  |
| Silver                                       | 7440-22-4  | 107.87           | EPI Dermwin v2.0 |                              |                                   |                            | 10.5                            | CRC 89th Ed |                             |            |                             |            |                          |                 | 0                | Lange's 15th Ed  |
| Simazine                                     | 122-34-9   | 201.66           | EPI Dermwin v2.0 | 3.8512E-08                   | 9.42E-10                          | EPI HenryWin v3.2          | 1.302                           | CRC 89th Ed |                             |            |                             |            | 146.5                    | EPI KOCWIN v2.0 | 6.2              | EPI WATERNT v.01 |
| Sodium Acifluorfen                           | 62476-59-9 | 383.65           | EPI Dermwin v2.0 | 2.4734E-09                   | 6.05E-11                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 3880                     | EPI KOCWIN v2.0 | 250000           | EPI WATERNT v.01 |
| Sodium Azide                                 | 26628-22-8 | 65.01            | EPI Dermwin v2.0 |                              |                                   |                            | 1.846                           | CRC 89th Ed |                             |            |                             |            |                          |                 | 408000           | CRC 89th Ed      |
| Sodium Diethyldithiocarbamate                | 148-18-5   | 171.25           | EPI Dermwin v2.0 |                              |                                   |                            |                                 |             |                             |            |                             |            | 204.5                    | EPI KOCWIN v2.0 | 427890           | EPI WATERNT v.01 |
| Sodium Fluoride                              | 7681-49-4  | 41.99            | EPI Dermwin v2.0 |                              |                                   |                            | 2.78                            | CRC 89th Ed |                             |            |                             |            |                          |                 | 210000           | EPI WATERNT v.01 |
| Sodium Fluoroacetate                         | 62-74-8    | 100.03           | EPI Dermwin v2.0 | 0.0000446                    | 0.00000109                        | EPI HenryWin v3.2          |                                 |             | 0.088173                    | USEPA 1987 | 0.0000103                   | USEPA 1987 | 1.44                     | EPI KOCWIN v2.0 | 1110000          | EPI WATERNT v.01 |
| Sodium Metavanadate                          | 13718-26-8 | 121.93           | CRC 89th Ed      |                              |                                   |                            |                                 |             |                             |            |                             |            |                          |                 | 210000           | CRC 89th Ed      |
| Sodium Perchlorate                           | 7601-89-0  | 122.44           | EPI Dermwin v2.0 |                              |                                   |                            | 2.52                            | CRC 89th Ed |                             |            |                             |            |                          |                 | 2100000          | EPI WATERNT v.01 |
| Stirofos (Tetrachlorovinphos)                | 961-11-5   | 365.97           | EPI Dermwin v2.0 | 7.5225E-08                   | 1.84E-09                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 1375                     | EPI KOCWIN v2.0 | 11               | EPI WATERNT v.01 |
| Strontium, Stable                            | 7440-24-6  | 87.62            | EPI Dermwin v2.0 |                              |                                   |                            | 2.64                            | CRC 89th Ed |                             |            |                             |            |                          |                 | 0                | CRC 89th Ed      |
| Strychnine                                   | 57-24-9    | 334.42           | EPI Dermwin v2.0 | 2.437E-12                    | 5.96E-14                          | EPI HenryWin v3.2          | 1.36                            | CRC 89th Ed |                             |            |                             |            | 5403                     | EPI KOCWIN v2.0 | 160              | EPI WATERNT v.01 |
| Styrene                                      | 100-42-5   | 104.15           | EPI Dermwin v2.0 | 0.1124285                    | 0.00275                           | EPI HenryWin v3.2          | 0.9016                          | CRC 89th Ed | 0.071114                    | USEPA 2001 | 8.7838E-06                  | USEPA 2001 | 446.1                    | EPI KOCWIN v2.0 | 310              | EPI WATERNT v.01 |
| Sulfonylbis(4-chlorobenzene), 1,1'-          | 80-07-9    | 287.16           | EPI Dermwin v2.0 | 5.601E-06                    | 0.000000137                       | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 2855                     | EPI KOCWIN v2.0 | 0.51209          | EPI WATERNT v.01 |
| Sulfuric Acid                                | 7664-93-9  | 98.07            | EPI Dermwin v2.0 |                              |                                   |                            | 1.8302                          | CRC 89th Ed |                             |            |                             |            |                          |                 | 1000000          | EPI WATERNT v.01 |
| Systhane                                     | 88671-89-0 | 288.78           | EPI Dermwin v2.0 | 1.7498E-07                   | 4.28E-09                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 6075                     | EPI KOCWIN v2.0 | 142              | EPI WATERNT v.01 |
| TCMTB  | 21564-17-0 | 238.34           | EPI Dermwin v2.0 | 2.653E-10                    | 6.49E-12                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 3374                     | EPI KOCWIN v2.0 | 125              | EPI WATERNT v.01 |
| Tebuthiuron                                  | 34014-18-1 | 228.31           | EPI Dermwin v2.0 | 4.906E-09                    | 1.2E-10                           | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 42.35                    | EPI KOCWIN v2.0 | 2500             | EPI WATERNT v.01 |
| Temephos                                     | 3383-96-8  | 466.46           | EPI Dermwin v2.0 | 8.0131E-08                   | 1.96E-09                          | EPI HenryWin v3.2          | 1.32                            | CRC 89th Ed |                             |            |                             |            | 95060                    | EPI KOCWIN v2.0 | 0.27             | EPI WATERNT v.01 |
| Terbacil                                     | 5902-51-2  | 216.67           | EPI Dermwin v2.0 | 4.906E-09                    | 1.2E-10                           | EPI HenryWin v3.2          | 1.34                            | CRC 89th Ed |                             |            |                             |            | 50.1                     | EPI KOCWIN v2.0 | 710              | EPI WATERNT v.01 |
| Terbufos                                     | 13071-79-9 | 288.42           | EPI Dermwin v2.0 | 0.0009812                    | 0.000024                          | EPI HenryWin v3.2          | 1.105                           | CRC 89th Ed |                             |            |                             |            | 998.9                    | EPI KOCWIN v2.0 | 5.07             | EPI WATERNT v.01 |
| Terbutryn                                    | 886-50-0   | 241.36           | EPI Dermwin v2.0 | 8.7899E-07                   | 2.15E-08                          | EPI HenryWin v3.2          | 1.115                           | CRC 89th Ed |                             |            |                             |            | 607                      | EPI KOCWIN v2.0 | 25               | EPI WATERNT v.01 |
| Tetrabromodiphenyl ether, 2,2',4,4'-(BDE-47) | 5436-43-1  | 485.8            | EPI Dermwin v2.0 | 0.0003467                    | 0.00000848                        | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 13230                    | EPI KOCWIN v2.0 | 0.054234         | EPI WATERNT v.01 |
| Tetrachlorobenzene, 1,2,4,5-                 | 95-94-3    | 215.89           | EPI Dermwin v2.0 | 0.0408831                    | 0.001                             | EPI HenryWin v3.2          | 1.858                           | CRC 89th Ed |                             |            |                             |            | 2220                     | EPI KOCWIN v2.0 | 0.595            | EPI WATERNT v.01 |
| Tetrachloroethane, 1,1,1,2-                  | 630-20-6   | 167.85           | EPI Dermwin v2.0 | 0.1022077                    | 0.0025                            | EPI HenryWin v3.2          | 1.5406                          | CRC 89th Ed | 0.048176                    | USEPA 2001 | 9.0977E-06                  | USEPA 2001 | 86.03                    | EPI KOCWIN v2.0 | 1070             | EPI WATERNT v.01 |
| Tetrachloroethane, 1,1,2,2-                  | 79-34-5    | 167.85           | EPI Dermwin v2.0 | 0.0150041                    | 0.000367                          | EPI HenryWin v3.2          | 1.5953                          | CRC 89th Ed | 0.048921                    | USEPA 2001 | 9.2902E-06                  | USEPA 2001 | 94.94                    | EPI KOCWIN v2.0 | 2830             | EPI WATERNT v.01 |
| Tetrachloroethylene                          | 127-18-4   | 165.83           | EPI Dermwin v2.0 | 0.7236304                    | 0.0177                            | EPI HenryWin v3.2          | 1.623                           | CRC 89th Ed | 0.050466                    | USEPA 2001 | 9.4551E-06                  | USEPA 2001 | 94.94                    | EPI KOCWIN v2.0 | 206              | EPI WATERNT v.01 |
| Tetrachlorophenol, 2,3,4,6-                  | 58-90-2    | 231.89           | EPI Dermwin v2.0 | 0.0003614                    | 0.00000884                        | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 2969                     | EPI KOCWIN v2.0 | 23               | EPI WATERNT v.01 |
| Tetrachlorotoluene, p-alpha, alpha, alpha-   | 5216-25-1  | 229.92           | EPI Dermwin v2.0 | 0.0078904                    | 0.00193                           | EPI HenryWin v3.2          | 1.4463                          | CRC 89th Ed |                             |            |                             |            | 1606                     | EPI KOCWIN v2.0 | 6.1149           | EPI WATERNT v.01 |
| Tetraethyl Dithiopyrophosphate               | 3689-24-5  | 322.31           | EPI Dermwin v2.0 | 0.0001819                    | 0.00000445                        | EPI HenryWin v3.2          | 1.196                           | CRC 89th Ed |                             |            |                             |            | 265.6                    | EPI KOCWIN v2.0 | 30               | EPI WATERNT v.01 |
| Tetrafluoroethane, 1,1,1,2-                  | 811-97-2   | 102.03           | EPI Dermwin v2.0 | 2.0441537                    | 0.05                              | EPI HenryWin v3.2          | 1.2072                          | CRC 89th Ed | 0.082307                    | USEPA 2001 | 0.0000106                   | USEPA 2001 | 86.03                    | EPI KOCWIN v2.0 | 1089.7           | EPI WATERNT v.01 |
| Tetryl (Trinitrophenylmethylnitramine)       | 479-45-8   | 287.15           | EPI Dermwin v2.0 | 1.1079E-07                   | 2.71E-09                          | EPI HenryWin v3.2          | 1.57                            | CRC 89th Ed |                             |            |                             |            | 4605                     | EPI KOCWIN v2.0 | 74               | EPI WATERNT v.01 |
| Thallium (Soluble Salts)                     | 7440-28-0  | 204.38           | EPI Dermwin v2.0 |                              |                                   |                            | 11.8                            | CRC 89th Ed |                             |            |                             |            |                          |                 | 0                | CRC 89th Ed      |
| Thiobencarb                                  | 28249-77-6 | 257.78           | EPI Dermwin v2.0 | 0.0000109                    | 0.000000267                       | EPI HenryWin v3.2          | 1.16                            | CRC 89th Ed |                             |            |                             |            | 1628                     | EPI KOCWIN v2.0 | 28               | EPI WATERNT v.01 |
| Thiodiglycol                                 | 111-48-8   | 122.18           | EPI Dermwin v2.0 | 1.12E-11                     | 2.74E-13                          | EPI HenryWin v3.2          | 1.1793                          | CRC 89th Ed |                             |            |                             |            | 1                        | EPI KOCWIN v2.0 | 1000000          | EPI WATERNT v.01 |
| Thiofanox                                    | 39196-18-4 | 218.32           | EPI Dermwin v2.0 | 3.8389E-07                   | 9.39E-09                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 72.4                     | EPI KOCWIN v2.0 | 5200             | EPI WATERNT v.01 |
| Thiophanate, Methyl                          | 23564-05-8 | 342.39           | EPI Dermwin v2.0 | 4.9469E-08                   | 1.21E-09                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 327.4                    | EPI KOCWIN v2.0 | 26.6             | EPI WATERNT v.01 |
| Thiram                                       | 137-26-8   | 240.42           | EPI Dermwin v2.0 | 7.4407E-06                   | 0.000000182                       | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 611.4                    | EPI KOCWIN v2.0 | 30               | EPI WATERNT v.01 |
| Tin  | 7440-31-5  | 120.73           | EPI Dermwin v2.0 |                              |                                   |                            | 7.287                           | CRC 89th Ed |                             |            |                             |            |                          |                 | 0                | Lange's 15th Ed  |
| Titanium Tetrachloride                       | 7550-45-0  | 189.68           | EPI Dermwin v2.0 |                              |                                   |                            | 1.73                            | CRC 89th Ed |                             |            |                             |            |                          |                 |                  | CRC 89th Ed      |
| Toluene                                      | 108-88-3   | 92.14            | EPI Dermwin v2.0 | 0.2714636                    | 0.00664                           | EPI HenryWin v3.2          | 0.8623                          | CRC 89th Ed | 0.077805                    | USEPA 2001 | 9.2045E-06                  | USEPA 2001 | 233.9                    | EPI KOCWIN v2.0 | 526              | EPI WATERNT v.01 |
| Toluidine, p-                                | 106-49-0   | 107.16           | EPI Dermwin v2.0 | 0.0000826                    | 0.00000202                        | EPI HenryWin v3.2          | 0.9619                          | CRC 89th Ed | 0.071219                    | EPA 2002   | 8.977E-06                   | EPA 2002   | 112.7                    | EPI KOCWIN v2.0 | 6500             | EPI WATERNT v.01 |
| Toxaphene                                    | 8001-35-2  | 413.82           | EPI Dermwin v2.0 | 0.0002453                    | 0.000006                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 77200                    | EPI KOCWIN v2.0 | 0.0069682        | EPI WATERNT v.01 |
| Tralometrin                                  | 66841-25-6 | 665.02           | EPI Dermwin v2.0 | 1.6108E-08                   | 3.94E-10                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 191100                   | EPI KOCWIN v2.0 | 0.08             | EPI WATERNT v.01 |
| Tri-n-butyltin                               | 688-73-3   | 291.07           | EPI Dermwin v2.0 | 62.142273                    | 1.52                              | EPI HenryWin v3.2          | 1.103                           | CRC 89th Ed |                             |            |                             |            | 8091                     | EPI KOCWIN v2.0 | 0.82457          | EPI WATERNT v.01 |
| Triallate                                    | 2303-17-5  | 304.66           | EPI Dermwin v2.0 | 0.0004906                    | 0.000012                          | EPI HenryWin v3.2          | 1.273                           | CRC 89th Ed |                             |            |                             |            | 1008                     | EPI KOCWIN v2.0 | 4                | EPI WATERNT v.01 |
| Triasulfuron                                 | 82097-50-5 | 401.83           | EPI Dermwin v2.0 | 1.321E-11                    | 3.23E-13                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 427.2                    | EPI KOCWIN v2.0 | 32               | EPI WATERNT v.01 |
| Tribromobenzene, 1,2,4-                      | 615-54-3   | 314.8            | EPI Dermwin v2.0 | 0.0158626                    | 0.000388                          | EPI HenryWin v3.2          |                                 |             | 0.041058                    | USEPA 1987 | 4.7973E-06                  | USEPA 1987 | 614.3                    | EPI KOCWIN v2.0 | 4.9              | EPI WATERNT v.01 |
| Tributyl Phosphate                           | 126-73-8   | 266.32           | EPI Dermwin v2.0 | 0.0000576                    | 0.00000141                        | EPI HenryWin v3.2          | 0.9727                          | CRC 89th Ed |                             |            |                             |            | 2350                     | EPI KOCWIN v2.0 | 280              | EPI WATERNT v.01 |
| Tributyltin Compounds                        | NA         |                  |                  |                              |                                   |                            |                                 |             |                             |            |                             |            |                          |                 |                  |                  |
| Tributyltin Oxide                            | 56-35-9    | 596.12           | EPI Dermwin v2.0 | 0.0000123                    | 0.000000302                       | EPI HenryWin v3.2          | 1.17                            | CRC 89th Ed |                             |            |                             |            | 25930000                 | EPI KOCWIN v2.0 | 19.5             | EPI WATERNT v.01 |
| Trichloro-1,2,2-trifluoroethane, 1,1,2-      | 76-13-1    | 187.38           | EPI Dermwin v2.0 | 21.504497                    | 0.526                             | EPI HenryWin v3.2          | 1.5635                          | CRC 89th Ed | 0.037566                    | USEPA 2001 | 8.592E-06                   | USEPA 2001 | 196.8                    | EPI KOCWIN v2.0 | 170              | EPI WATERNT v.01 |
| Trichloroacetic Acid                         | 76-03-9    | 163.39           | EPI Dermwin v2.0 | 5.5192E-07                   | 1.35E-08                          | EPI HenryWin v3.2          | 1.6126                          | CRC 89th Ed |                             |            |                             |            | 3.231                    | EPI KOCWIN v2.0 | 54600            | EPI WATERNT v.01 |
| Trichloroaniline HCl, 2,4,6-                 | 33663-50-2 | 232.93           | EPI Dermwin v2.0 | 2.935E-12                    | 7.18E-14                          | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 1271                     | EPI KOCWIN v2.0 | 20.964           | EPI WATERNT v.01 |
| Trichloroaniline, 2,4,6-                     | 634-93-5   | 196.46           | EPI Dermwin v2.0 | 0.0000548                    | 0.00000134                        | EPI HenryWin v3.2          |                                 |             |                             |            |                             |            | 4440                     | EPI KOCWIN v2.0 | 40               | EPI WATERNT v.01 |
| Trichlorobenzene, 1,2,3-                     | 87-61-6    | 181.45           | EPI Dermwin v2.0 | 0.0511038                    | 0.00125                           | EPI HenryWin v3.2          | 1.4533                          | CRC 89th Ed | 0.03953                     | USEPA 2001 | 8.3836E-06                  | USEPA 2001 | 1383                     | EPI KOCWIN v2.0 | 18               | EPI WATERNT v.01 |
| Trichlorobenzene, 1,2,4-                     | 120-82-1   | 181.45           | EPI Dermwin v2.0 | 0.0508504                    | 0.00142                           | EPI HenryWin v3.2          | 1.459                           | CRC 89th Ed | 0.039599                    | USEPA 2001 | 8.4033E-06                  | USEPA 2001 | 1356                     | EPI KOCWIN v2.0 | 49               | EPI WATERNT v.01 |
| Trichloroethane, 1,1,1-                      | 71-55-6    | 133.41           | EPI Dermwin v2.0 | 0.7031889                    | 0.0172                            | EPI HenryWin v3.2          | 1.339                           | CRC 89th Ed | 0.064817                    | USEPA 2001 | 9.599E-06                   | USEPA 2001 | 43.89                    | EPI KOCWIN v2.0 | 1290             | EPI WATERNT v.01 |
| Trichloroethane, 1,1,2-                      | 79-00-5    | 133.41           | EPI Dermwin v2.0 | 0.0336877                    | 0.000824                          | EPI HenryWin v3.2          | 1.4397                          | CRC 89th Ed | 0.06689                     | USEPA 2001 | 0.00001                     | USEPA 2001 | 60.7                     | EPI KOCWIN v2.0 | 4590             | EPI WATERNT v.01 |
| Trichloroethylene                            | 79-01-6    | 131.39           | EPI Dermwin v2.0 | 0.4026983                    | 0.00985                           | EPI HenryWin v3.2          | 1.4642                          | CRC 89th Ed | 0.068662                    | USEPA 2001 | 0.0000102                   | USEPA 2001 | 60.7                     | EPI KOCWIN v2.0 | 1280             | EPI WATERNT v.01 |
| Trichlorofluoromethane                       | 75-69-4    | 137.37           | EPI Dermwin v2.0 | 3.9656582                    | 0.097                             | EPI HenryWin v3.2          | 1.4879                          | CRC 89th Ed | 0.065356                    | USEPA 2001 | 0.00001                     | USEPA 2001 | 43.89                    | EPI KOCWIN v2.0 |                  |                  |



Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table November 2010

| Contaminant                           |            | Molecular Weight |                  | Henry's Law Constants        |                                   |                            | Density                         |             | Diffusivity in Air          |            | Diffusivity in Water       |            | Organic Carbon Partition |                 | Water Solubility |                  |
|---------------------------------------|------------|------------------|------------------|------------------------------|-----------------------------------|----------------------------|---------------------------------|-------------|-----------------------------|------------|----------------------------|------------|--------------------------|-----------------|------------------|------------------|
| Analyte                               | CAS No.    | MW               | MW Ref           | H <sup>+</sup><br>(unitless) | HLC<br>(atm-m <sup>3</sup> /mole) | H <sup>+</sup> and HLC Ref | Density<br>(g/cm <sup>3</sup> ) | Density Ref | Dia<br>(cm <sup>2</sup> /s) | Dia Ref    | Dw<br>(cm <sup>2</sup> /s) | Dw Ref     | Koc<br>(L/kg)            | Koc Ref         | S<br>(mg/L)      | S Ref            |
| ALAR                                  | 1596-84-5  | 160.17           | EPI Dermwin v2.0 | 1.7294E-08                   | 4.23E-10                          | EPI HenryWin v3.2          |                                 |             |                             |            |                            |            | 10                       | EPI KOCWIN v2.0 | 100000           | EPI WATERNT v.01 |
| Trichloropropane, 1,1,2-              | 598-77-6   | 147.43           | EPI Dermwin v2.0 | 0.0129599                    | 0.000317                          | EPI HenryWin v3.2          | 1.372                           | CRC 89th Ed | 0.057158                    | USEPA 2001 | 9.1735E-06                 | USEPA 2001 | 94.94                    | EPI KOCWIN v2.0 | 1900             | EPI WATERNT v.01 |
| Trichloropropane, 1,2,3-              | 96-18-4    | 147.43           | EPI Dermwin v2.0 | 0.0140229                    | 0.000343                          | EPI HenryWin v3.2          | 1.3889                          | CRC 89th Ed | 0.057466                    | USEPA 2001 | 9.2411E-06                 | USEPA 2001 | 115.8                    | EPI KOCWIN v2.0 | 1750             | EPI WATERNT v.01 |
| Trichloropropene, 1,2,3-              | 96-19-5    | 145.42           | EPI Dermwin v2.0 | 0.7195421                    | 0.0176                            | EPI HenryWin v3.2          | 1.412                           | CRC 89th Ed | 0.059063                    | USEPA 2001 | 9.4102E-06                 | USEPA 2001 | 115.8                    | EPI KOCWIN v2.0 | 484.19           | EPI WATERNT v.01 |
| Tridiphane                            | 58138-08-2 | 320.43           | EPI Dermwin v2.0 | 0.0000168                    | 0.00000041                        | EPI HenryWin v3.2          |                                 |             |                             |            |                            |            | 3447                     | EPI KOCWIN v2.0 | 1.1696           | EPI WATERNT v.01 |
| Triethylamine                         | 121-44-8   | 101.19           | EPI Dermwin v2.0 | 0.0060916                    | 0.000149                          | EPI HenryWin v3.2          | 0.7275                          | CRC 89th Ed | 0.066363                    | USEPA 2001 | 7.8576E-06                 | USEPA 2001 | 50.81                    | EPI KOCWIN v2.0 | 68600            | EPI WATERNT v.01 |
| Trifluralin                           | 1582-09-8  | 335.29           | EPI Dermwin v2.0 | 0.004211                     | 0.000103                          | EPI HenryWin v3.2          |                                 |             |                             |            |                            |            | 16390                    | EPI KOCWIN v2.0 | 0.184            | EPI WATERNT v.01 |
| Trimethyl Phosphate                   | 512-56-1   | 140.08           | EPI Dermwin v2.0 | 2.9436E-07                   | 7.2E-09                           | EPI HenryWin v3.2          | 1.2144                          | CRC 89th Ed |                             |            |                            |            | 10.6                     | EPI KOCWIN v2.0 | 500000           | EPI WATERNT v.01 |
| Trimethylbenzene, 1,2,4-              | 95-63-6    | 120.2            | EPI Dermwin v2.0 | 0.2518397                    | 0.00616                           | EPI HenryWin v3.2          | 0.8758                          | CRC 89th Ed | 0.060675                    | USEPA 2001 | 7.9209E-06                 | USEPA 2001 | 614.3                    | EPI KOCWIN v2.0 | 57               | EPI WATERNT v.01 |
| Trimethylbenzene, 1,3,5-              | 108-67-8   | 120.2            | EPI Dermwin v2.0 | 0.3585446                    | 0.00877                           | EPI HenryWin v3.2          | 0.8615                          | CRC 89th Ed | 0.060225                    | USEPA 2001 | 7.843E-06                  | USEPA 2001 | 602.1                    | EPI KOCWIN v2.0 | 48.2             | EPI WATERNT v.01 |
| Trinitrobenzene, 1,3,5-               | 99-35-4    | 213.11           | EPI Dermwin v2.0 | 2.6574E-07                   | 6.5E-09                           | EPI HenryWin v3.2          | 1.4775                          | CRC 89th Ed |                             |            |                            |            | 1683                     | EPI KOCWIN v2.0 | 278              | EPI WATERNT v.01 |
| Trinitrotoluene, 2,4,6-               | 118-96-7   | 227.13           | EPI Dermwin v2.0 | 8.5037E-07                   | 2.08E-08                          | EPI HenryWin v3.2          | 1.654                           | CRC 89th Ed |                             |            |                            |            | 2812                     | EPI KOCWIN v2.0 | 115              | EPI WATERNT v.01 |
| Triphenylphosphine Oxide              | 791-28-6   | 278.29           | EPI Dermwin v2.0 | 2.1504E-08                   | 5.26E-10                          | EPI HenryWin v3.2          | 1.2124                          | CRC 89th Ed |                             |            |                            |            | 1954                     | EPI KOCWIN v2.0 | 204.51           | EPI WATERNT v.01 |
| Tris(1,3-Dichloro-2-propyl) Phosphate | 13674-87-8 | 430.91           | EPI Dermwin v2.0 | 1.07E-07                     | 2.61E-09                          | EPI HenryWin v3.2          |                                 |             |                             |            |                            |            | 11130                    | EPI KOCWIN v2.0 | 7                | EPI WATERNT v.01 |
| Tris(2-chloroethyl)phosphate          | 115-96-8   | 285.49           | EPI Dermwin v2.0 | 0.0001345                    | 0.00000329                        | EPI HenryWin v3.2          | 1.39                            | CRC 89th Ed |                             |            |                            |            | 388.3                    | EPI KOCWIN v2.0 | 7000             | EPI WATERNT v.01 |
| Tris(2-ethylhexyl)phosphate           | 78-42-2    | 434.65           | EPI Dermwin v2.0 | 3.2134E-06                   | 7.86E-08                          | EPI HenryWin v3.2          | 0.99                            | CRC 89th Ed |                             |            |                            |            | 2468000                  | EPI KOCWIN v2.0 | 0.6              | EPI WATERNT v.01 |
| Uranium (Soluble Salts)               | NA         |                  |                  |                              |                                   |                            | 19.1                            | CRC 89th Ed |                             |            |                            |            |                          |                 | 0                | Lange's 15th Ed  |
| Urethane                              | 51-79-6    | 89.09            | EPI Dermwin v2.0 | 2.6288E-06                   | 6.43E-08                          | EPI HenryWin v3.2          | 0.9862                          | CRC 89th Ed |                             |            |                            |            | 12.13                    | EPI KOCWIN v2.0 | 480000           | EPI WATERNT v.01 |
| Vanadium Pentoxide                    | 1314-62-1  | 181.88           | EPI Dermwin v2.0 |                              |                                   |                            | 3.35                            | CRC 89th Ed |                             |            |                            |            |                          |                 | 700              | CRC 89th Ed      |
| Vanadium Sulfate                      | 36907-42-3 | 273.11           | CRC 89th Ed      |                              |                                   |                            |                                 |             |                             |            |                            |            |                          |                 |                  |                  |
| Vanadium and Compounds                | NA         | 50.94            | CRC 89th Ed      |                              |                                   |                            | 6                               | CRC 89th Ed |                             |            |                            |            |                          |                 | 0                | CRC 89th Ed      |
| Vanadium, Metallic                    | 7440-62-2  | 50.94            | EPI Dermwin v2.0 |                              |                                   |                            | 6                               | CRC 89th Ed |                             |            |                            |            |                          |                 | 0                | CRC 89th Ed      |
| Vernolate                             | 1929-77-7  | 203.35           | EPI Dermwin v2.0 | 0.0012633                    | 0.0000309                         | EPI HenryWin v3.2          | 0.952                           | CRC 89th Ed |                             |            |                            |            | 299.1                    | EPI KOCWIN v2.0 | 90               | EPI WATERNT v.01 |
| Vinclozolin                           | 50471-44-8 | 286.12           | EPI Dermwin v2.0 | 7.1137E-07                   | 1.74E-08                          | EPI HenryWin v3.2          | 1.51                            | CRC 89th Ed |                             |            |                            |            | 283.6                    | EPI KOCWIN v2.0 | 2.6              | EPI WATERNT v.01 |
| Vinyl Acetate                         | 108-05-4   | 86.09            | EPI Dermwin v2.0 | 0.0208913                    | 0.000511                          | EPI HenryWin v3.2          | 0.9256                          | CRC 89th Ed | 0.084902                    | USEPA 2001 | 0.00001                    | USEPA 2001 | 5.583                    | EPI KOCWIN v2.0 | 20000            | EPI WATERNT v.01 |
| Vinyl Bromide                         | 593-60-2   | 106.95           | EPI Dermwin v2.0 | 0.5028618                    | 0.0123                            | EPI HenryWin v3.2          | 1.4933                          | CRC 89th Ed | 0.086224                    | USEPA 2001 | 0.0000117                  | USEPA 2001 | 21.73                    | EPI KOCWIN v2.0 | 10358            | EPI WATERNT v.01 |
| Vinyl Chloride                        | 75-01-4    | 62.5             | EPI Dermwin v2.0 | 1.1365495                    | 0.0278                            | EPI HenryWin v3.2          | 0.9106                          | CRC 89th Ed | 0.107119                    | USEPA 2001 | 0.000012                   | USEPA 2001 | 21.73                    | EPI KOCWIN v2.0 | 8800             | EPI WATERNT v.01 |
| Warfarin                              | 81-81-2    | 308.34           | EPI Dermwin v2.0 | 1.1325E-07                   | 2.77E-09                          | EPI HenryWin v3.2          |                                 |             |                             |            |                            |            | 426.1                    | EPI KOCWIN v2.0 | 17               | EPI WATERNT v.01 |
| Xylene, Mixture                       | 1330-20-7  | 106.17           | EPI Dermwin v2.0 | 0.2117743                    | 0.00518                           | EPI HenryWin v3.2          |                                 |             | 0.08474                     | USEPA 1987 | 9.9011E-06                 | USEPA 1987 | 382.9                    | EPI KOCWIN v2.0 | 106              | EPI WATERNT v.01 |
| Xylene, p-                            | 106-42-3   | 106.17           | EPI Dermwin v2.0 | 0.2820932                    | 0.0069                            | EPI HenryWin v3.2          | 0.8565                          | CRC 89th Ed | 0.068249                    | USEPA 2001 | 8.4199E-06                 | USEPA 2001 | 375.3                    | EPI KOCWIN v2.0 | 162              | EPI WATERNT v.01 |
| Xylene, m-                            | 108-38-3   | 106.17           | EPI Dermwin v2.0 | 0.2935405                    | 0.00718                           | EPI HenryWin v3.2          | 0.8598                          | CRC 89th Ed | 0.068366                    | USEPA 2001 | 8.4394E-06                 | USEPA 2001 | 375.3                    | EPI KOCWIN v2.0 | 161              | EPI WATERNT v.01 |
| Xylene, o-                            | 95-47-6    | 106.17           | EPI Dermwin v2.0 | 0.2117743                    | 0.00518                           | EPI HenryWin v3.2          | 0.8755                          | CRC 89th Ed | 0.06892                     | USEPA 2001 | 8.5315E-06                 | USEPA 2001 | 382.9                    | EPI KOCWIN v2.0 | 178              | EPI WATERNT v.01 |
| Zinc (Metallic)                       | 7440-66-6  | 67.41            | EPI Dermwin v2.0 |                              |                                   |                            | 7.134                           | CRC 89th Ed |                             |            |                            |            |                          |                 | 0                | Lange's 15th Ed  |
| Zinc Phosphide                        | 1314-84-7  | 258.18           | CRC 89th Ed      |                              |                                   |                            | 4.55                            | CRC 89th Ed |                             |            |                            |            |                          |                 | 0                | CRC 89th Ed      |
| Zineb                                 | 12122-67-7 | 275.74           | EPI Dermwin v2.0 | 6.5004E-09                   | 1.59E-10                          | EPI HenryWin v3.2          |                                 |             |                             |            |                            |            | 1345                     | EPI KOCWIN v2.0 | 10               | EPI WATERNT v.01 |

EPA 2002 = EPA 2002

EPA 1987 = Processes, Coefficients, and Models for Simulation Toxic Organics and Heavy Metals in Surface Waters. EPA/600/3-87/015. Office of Research and Development, Athens, GA.

CRC = Handbook of Chemistry and Physics

MW Other = Chemfinder, Dermwin version 1.42, or Physprop Datab

CRC Chrom III note = CRC 85th edition, (Values reported here are for chromium (III) oxide (CAS 1308-38-9) which is one of the water insoluble salts.)

CRC Chrom VI note = CRC 85th edition, (decomposes at this temp) Values reported here are for chromium (VI) oxide (CAS 1333-82-0)

EPI (Henry Win) 1 = EPI (HenryWin) Experimental value; citation not listed