|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Taxonomic Classification | Study Location | Minimum  Conductivities  *(µS/cm)* | Maximum  Conductivities  *(µS/cm)* | n= |
| Amphibian | Field | ≤10.0 – 1,531.8 | 124.0 - 100,000.0 | 14 |
| Amphibian | Lab | ≤0.14 – 1,531.8 | 16.5 – 9,900.0 | 12 |
| Crustacean | Field | ≤6.0 – 645.0 | 63.0 – 30,000 | 43 |
| Crustacean | Lab | ≤30.6 – 15,470.6 | 903.0 - 543767.0 | 24 |
| Fish | Field | ≤1.2 – 326,000 | 5.2 – 390,600.0 | 43 |
| Fish | Lab | ≤0.3 – 1,914.7 | 0.8 – 107,222.2 | 37 |
| Insect | Field | ≤0.3 – 21,900 | 2.0 – 682,000.0 | 131 |
| Insect | Lab | ≤15.3 – 153,174.6 | 313.0 - 505476.2 | 39 |
| Mollusca | Field | ≤6.0 – 2,297.6 | 25.8 - 30000.0 | 23 |
| Mollusca | Lab | ≤30.6 – 29,103.6 | 190.0 – 50,400 | 20 |
| Non-insect,  non-arthropod | Field | ≤6.0 – 2,297.6 | 25.8 – 42,400.0 | 22 |
| Non-insect,  non-arthropod | Lab | ≤30.6 – 5,500.0 | 7,000 – 76,000.0 | 9 |
| Zooplankton | Field | 0.0 | 31540.0 | 27 |
| Zooplankton | Lab | 0.0 | 67000.0 | 20 |

Amphibians

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Ion | Top threats | Minimum concentrations  *(ppm)* | Maximum concentrations  *(ppm)* | References |
|  |  | 0.0-0.35 | 35.6-121.4 | 17, 35, 68, 43, 192 |
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|  | Mining |  |  |  |
|  | Road Salts |  |  |  |
|  | Urbanization |  |  |  |
|  | Mechanistic |  |  |  |
|  | Mining |  |  |  |
|  | Mining |  |  |  |
|  | Road Salts |  |  |  |
|  | Urbanization |  |  |  |
|  | Mechanistic |  |  |  |
|  | Mining |  |  |  |
|  | Mining |  |  |  |
|  | Road Salts |  |  |  |
|  | Urbanization |  |  |  |
|  | Mechanistic |  |  |  |
|  | Mining |  |  |  |
|  | Mining |  |  |  |
|  | Road Salts |  |  |  |
|  | Urbanization |  |  |  |
|  | Mechanistic |  |  |  |
|  | Mining |  |  |  |