|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Taxonomic Classification | Study Location | Minimum  Conductivity  *(µS/cm)* | Maximum  Conductivity  *(µS/cm)* | n= |
| Amphibian | Field | 0.0 | 100000.0 | 14 |
| Amphibian | Lab | 0.0 | 45952.4 | 12 |
| Crustacean | Field | 0.0 | 30634.9 | 43 |
| Crustacean | Lab | 0.0 | 543767.0 | 24 |
| Fish | Field | 1.2 | 390600.0 | 43 |
| Fish | Lab | 0.0 | 107222.2 | 37 |
| Insect | Field | 0.0 | 682000.0 | 131 |
| Insect | Lab | 0.0 | 505476.2 | 39 |
| Mollusca | Field | 0.0 | 30000.0 | 23 |
| Mollusca | Lab | 0.0 | 61269.8 | 20 |
| Non-insect, non-arthropod | Field | 0.0 | 42400.0 | 22 |
| Non-insect, non-arthropod | Lab | 30.6 | 76000.0 | 9 |
| Zooplankton | Field | 0.0 | 31540.0 | 27 |
| Zooplankton | Lab | 0.0 | 67000.0 | 20 |

Amphibians

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Threat | Salt | Minimum concentrations  *(ppm)* | Maximum concentrations  *(ppm)* | References |
| Agriculture | NH4+ | 0.0-0.35 | 35.6-121.4 | 17, 35, 68, 43, 192 |
|  | Cl- |  |  |  |
|  | NO3- |  |  |  |
|  | Ca2+ |  |  |  |
|  | Mg3+ |  |  |  |
| Mining | NH4+ |  |  |  |
|  | Cl- |  |  |  |
|  | NO3- |  |  |  |
|  | Ca2+ |  |  |  |
|  | Mg3+ |  |  |  |
| Road salts | NH4+ |  |  |  |
|  | Cl- |  |  |  |
|  | NO3- |  |  |  |
|  | Ca2+ |  |  |  |
|  | Mg3+ |  |  |  |
| Urbanization | NH4+ |  |  |  |
|  | Cl- |  |  |  |
|  | NO3- |  |  |  |
|  | Ca2+ |  |  |  |
|  | Mg3+ |  |  |  |
| Mechanistic | NH4+ |  |  |  |
|  | Cl- |  |  |  |
|  | NO3- |  |  |  |
|  | Ca2+ |  |  |  |
|  | Mg3+ |  |  |  |

Amphibians

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Salt | Top threats | Minimum concentrations  *(ppm)* | Maximum concentrations  *(ppm)* | References |
| Ca2+ | Agriculture | 0.0-0.35 | 35.6-121.4 | 17, 35, 68, 43, 192 |
|  | Mining |  |  |  |
|  | Road Salts |  |  |  |
|  | Urbanization |  |  |  |
|  | Mechanistic |  |  |  |
| Cl- | Mining |  |  |  |
|  | Road Salts |  |  |  |
|  | Urbanization |  |  |  |
|  | Mechanistic |  |  |  |
|  | Mining |  |  |  |
| NO3- | Mining |  |  |  |
|  | Road Salts |  |  |  |
|  | Urbanization |  |  |  |
|  | Mechanistic |  |  |  |
|  | Mining |  |  |  |
| Ca2+ | Mining |  |  |  |
|  | Road Salts |  |  |  |
|  | Urbanization |  |  |  |
|  | Mechanistic |  |  |  |
|  | Mining |  |  |  |
| Mg3+ | Mining |  |  |  |
|  | Road Salts |  |  |  |
|  | Urbanization |  |  |  |
|  | Mechanistic |  |  |  |
|  | Mining |  |  |  |