REPUBLIC SERVICES

**US Ecology Michigan, Inc. (Detroit North)**

(Permit No. 923-27210-IU)

**Reporting Month:**

November 2025

| Parameter | Daily Maximum | Monthly Average | Units | NC110625 11/06/25 | NG106825 11/06/25 | NG111125 11/11/25 | NC111125 11/11/25 | NC111825 11/18/25 | NC112525 11/25/25 | Monthly Average |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Antimony | 0.249 | 0.206 | mg/L | 0.0074 | | | 0.169 | 0.0954 | 0.0931 | 0.0912 |
| Total Arsenic | 0.162 | 0.104 | mg/L | 0.0120 | | | ND | ND | ND | 0.0030 |
| Total Cadmium | 0.474 | 0.0962 | mg/L | ND | | | ND | ND | ND | 0.0000 |
| Total Chromium | 0.947 | 0.487 | mg/L | ND | | | ND | ND | ND | 0.0000 |
| Total Cobalt | 0.192 | 0.124 | mg/L | ND | | | ND | ND | ND | 0.0000 |
| Total Copper | 0.405 | 0.301 | mg/L | 0.0218 | | | ND | ND | 0.113 | 0.0337 |
| Total Lead | 0.222 | 0.172 | mg/L | ND | | | ND | ND | ND | 0.0000 |
| Total Nickel | 3.95 | 1.45 | mg/L | 0.00709 | | | ND | ND | ND | 0.0018 |
| Total Silver | 0.12 | 0.0351 | mg/L | ND | | | ND | ND | ND | 0.0000 |
| Total Tin | 0.409 | 0.12 | mg/L | ND | | | ND | ND | ND | 0.0000 |
| Total Titanium | 0.0947 | 0.0618 | mg/L | ND | | | ND | ND | 0.0662 | 0.0166 |
| Total Vanadium | 0.218 | 0.0662 | mg/L | ND | | | ND | ND | ND | 0.0000 |
| Total Zinc | 2.87 | 0.641 | mg/L | ND | | | ND | ND | ND | 0.0000 |
| Total Mercury | 0.0002 | 0.000739 | mg/L | ND | | | ND | ND | ND | 0.0000 |
| 2,4,6-Trichlorophenol | 0.155 | 0.106 | mg/L | ND | | | ND | ND | ND | 0.0000 |
| o-Cresol (2 Methlyphenol) | 1.92 | 0.561 | mg/L | 0.0125 | | | 0.00243 | ND | ND | 0.0037 |
| p-Cresol (4 Methlyphenol)* | 0.698 | 0.205 | mg/L | ND | | | 0.0780 | 0.0192 | ND | 0.0243 |
| Carbazole | 0.392 | 0.233 | mg/L | ND | | | ND | ND | ND | 0.0000 |
| Bis(2-ethylhexyl)phthalate | 0.267 | 0.158 | mg/L | ND | | | ND | ND | ND | 0.0000 |
| Fluoranthene | 0.787 | 0.393 | mg/L | ND | | | ND | ND | ND | 0.0000 |
| n-Decane | 5.79 | 3.31 | mg/L | ND | | | ND | ND | ND | 0.0000 |
| n-Octadecane | 1.22 | 0.925 | mg/L | ND | | | ND | ND | ND | 0.0000 |
| Perfluorooctane Sulfonic acid | 65 | --- | ng/L | | 18.0 | | | | | |
| Cyanide (Available) | 1.5 | --- | mg/L | | 0.0124 | ND | | | | |
| Fats, Oil and Grease | 1500 | --- | mg/L | | ND | ND | | | | |
| Total Suspended Solids | 10000 | --- | mg/L | 22.3 | | | 79.4 | | | |
| Biological Oxygen Demand | 10000 | --- | mg/L | 20.8 | | | 31.5 | | | |
| Phosphorus | 125 | --- | mg/L | 0.109 | | | 0.220 | | | |
| Total PCB | Non-detect | --- | mg/L | | | | | | | |
| 2-Chlorophenol | 8.0 | --- | mg/L | | | | | | | |
| 4-Chlorophenol | 8.0 | --- | mg/L | | | | | | | |
| 4-Chloro-3-Methyl Phenol | 3.0 | --- | mg/L | | | | | | | |
| 2,4-Dichlorophenol | 6.0 | --- | mg/L | | | | | | | |
| 2,4-DinitrophenoL | 30.0 | --- | mg/L | | | | | | | |
| Phenol Alcohol | 86 | --- | mg/L | | | | | | | |

**Key:**

NC = North Composite

NG = North Grab

ND = non-detect

* ALS reports as m- & p-cresol

**Exceedance**

***Italize*** = demonstration of compliance sample