

Location: O Lueking 01-30 Line Spill

Rem: 17696

Sample Date: 01/19/2026

Sample Locations

| Soil Suitability for Reclamation                       | Table 915-1 | Sample #1   | Sample #2 | Background |  |  |
|--|-------------|-------------|-----------|------------|--|--|
|  |             | AA41439     | AA41440   | AA41441    |  |  |
| Electrical Conductivity                                | <4mmhos     | 1           | 0.79      | 0.15       |  |  |
| Sodium Absorption Rate (SAR)                           | <6          | 9.46        | 4.09      | 0.1        |  |  |
| pH   | 6-8.3       | 8.1         | 8.22      | 5.88       |  |  |
| boron  | 2mg/l       | 1.59        | 0.55      | 0.1        |  |  |
|  |             |             |           |            |  |  |
| Organic Compounds in Soils                             | mg/kg       |             |           |            |  |  |
| benzene  | 1.20        | <0.015 - S  | <0.0015   | <0.015     |  |  |
| toluene  | 490.00      | <0.016 - S  | <0.0016   | <0.016     |  |  |
| ethylbenzene   | 5.80        | <0.014 - S  | <0.0014   | <0.014     |  |  |
| xylenes (sum of o-, m- and p- isomers = total xylenes) | 58.00       | <0.043 - S  | <0.0043   | <0.043     |  |  |
| 1,2,4-trimethylbenzene                                 | 30.00       | <0.016 - S  | <0.0016   | <0.016     |  |  |
| 1,3,5-trimethylbenzene                                 | 27.00       | <0.015 - S  | <0.0015   | <0.015     |  |  |
| acenaphthene   | 360.00      | ND          | ND        | ND         |  |  |
| anthracene   | 1800.00     | ND          | ND        | ND         |  |  |
| benz(a)anthracene                                      | 1.10        | <0.010      | ND        | ND         |  |  |
| benzo(b)fluoranthene                                   | 1.10        | ND          | ND        | ND         |  |  |
| benzo(k)fluoranthene                                   | 11.00       | ND          | ND        | ND         |  |  |
| benzo(a)pyrene   | 0.01        | ND          | ND        | ND         |  |  |
| chrysene   | 110.00      | ND          | ND        | ND         |  |  |
| dibenzo(a,h)anthracene                                 | 0.11        | ND          | ND        | ND         |  |  |
| fluoranthene   | 240.00      | ND          | ND        | ND         |  |  |
| fluorene   | 240.00      | ND          | ND        | ND         |  |  |
| indeno(1,2,3-cd)pyrene                                 | 1.10        | ND          | ND        | ND         |  |  |
| 1-methylnaphthalene                                    | 18.00       | ND          | ND        | ND         |  |  |
| 2-methylnaphthalene                                    | 24.00       | ND          | ND        | ND         |  |  |
| naphthalene  | 2.00        | ND          | ND        | ND         |  |  |
| pyrene   | 180.00      | ND          | ND        | ND         |  |  |
|  |             |             |           |            |  |  |
| Metals in Soils  | mg/kg       |             |           |            |  |  |
| arsenic  | 0.68        | 2.37        | 2.45      | 1.91       |  |  |
| barium   | 15000       | 52.76       | 114.81    | 43.17      |  |  |
| cadmium  | 71          | 0.09        | 0.12      | 0.13       |  |  |
| chromium (VI)  | 0.3         | 0.12        | <0.08     | 0.12       |  |  |
| copper   | 3100        | 6.91        | 7.43      | 6.78       |  |  |
| lead   | 400         | 6.32        | 5.93      | 5.94       |  |  |
| nickel   | 1500        | 3.81        | 4.45      | 3.46       |  |  |
| selenium   | 390         | 2.51        | 2.2       | 1.74       |  |  |
| silver   | 390         | <0.25 - RL1 | <0.03     | <0.03      |  |  |
| zinc   | 23000       | 27.72       | 25.73     | 32.8       |  |  |
|  |             |             |           |            |  |  |
| Contaminant of Concern                                 | mg/kg       |             |           |            |  |  |
| C <sub>6</sub> -C <sub>28</sub>                        | 500         | ND          | <100.00   | ND         |  |  |
| C <sub>28</sub> -C <sub>36</sub>                       | 500         | <100.00     | <100.00   | <100.00    |  |  |