

| Peck Tank Battery Results - Table 915-1 | | | 5/13/2025 | | | | | | | | | | | | | | |
|---------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------|---------|---------------------------|---------|---------------------------|-------------|-------------|---------------------------|---------------------------|---------------------------|
| CLEANUP CONCENTRATIONS | Sample Point | | SP-1 | SP-3 | SP-4 | SP-7 | SP-11 | SP-11 | SP-11 | SP-12 | SP-12 | SP-13 | SP-13 | SP-13 | BG-1 | BG-2 | BG-3 |
| | Depth | | 5' | 4' | 5' | 5' | 1' | 4' | 5' | 1' | 4' | 1' | 4' | 5' | 5' | 5' | 5' |
| Contaminant of Concern | Concentrations | | 38.528729, -103.042121 | 38.528781, -103.042068 | 38.528816, -103.042225 | 38.528791, -103.042222 | 38.528721, -103.042141 | | | 38.528762, -103.042099 | | 38.528818, -103.042266 | | | 38.528624, -103.042243 | 38.528857, -103.042329 | 38.528797, -103.041903 |
| Soil TPH (total volatile [C6-C10] and extractable [C10-C36] hydrocarbons) | 500mg/kg | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| PID READING | | | 0.5 ppm | 0.5 ppm | 0.0 ppm | 0.0 ppm | 1.0 ppm | 1.0 ppm | 1.0 ppm | 1.8 ppm | 1.0 ppm | 0.3 ppm | 0.1 ppm | 0.1 ppm | 0.0 ppm | 0.0 ppm | 0.0 ppm |
| Soil Suitability for Reclamation | | | | | | | | | | | | | | | | | |
| Electrical conductivity (EC) (by saturated paste method) | <4mmhos/cm | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Sodium adsorption ratio (SAR) (by saturated paste method) | <6 | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| pH (by saturated paste method) | 6-8.3 | | 7.87 | 7.98 | 8.17 | 8.29 | 7.95 | 8.01 | 8.07 | 7.83 | 7.84 | 8.26 | 8.32 | 8.43 | 8.07 | 8.3 | 8.36 |
| boron (hot water soluble soil extract) | 2mg/l | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Organic Compounds in Groundwater | | | | | | | | | | | | | | | | | |
| benzene | 5µg/l | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| toluene | 560 to 1,000µg/l | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| ethylbenzene | 700µg/l | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| xylene (sum of o-, m- and p- isomers = total xylenes) | 1,400 to 10,000µg/l | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| naphthalene | 140µg/l | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,2,4-trimethylbenzene | 67µg/l | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,3,5-trimethylbenzene | 67µg/l | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Groundwater Inorganic Parameters | | | | | | | | | | | | | | | | | |
| total dissolved solids (TDS) | <1.25 X local background | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| chloride ion | 250mg/l or <1.25 X local background | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| sulfate ion | 250mg/l or <1.25 X local background | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Soils | Residential Soil Screening Level Concentrations (mg/kg) | Protection of Groundwater Soil Screening Level Concentrations (mg/kg) | SP-1 | SP-3 | SP-4 | SP-7 | SP-11 | SP-11 | SP-11 | SP-12 | SP-12 | SP-13 | SP-13 | SP-13 | BG-1 | BG-2 | BG-3 |
| | Depth | | 5' | 4' | 5' | 5' | 1' | 4' | 5' | 1' | 4' | 1' | 4' | 5' | 5' | 5' | 5' |
| Organic Compounds in Soils | | | | | | | | | | | | | | | | | |
| benzene | 1.2 | 0.0026 (M) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| toluene | 490 | 0.69 (M) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| ethylbenzene | 5.8 | 0.78 (M) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| xylene (sum of o-, m- and p- isomers = total xylenes) | 58 | 9.9 (M) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,2,4-trimethylbenzene | 30 | 0.0081 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,3,5-trimethylbenzene | 27 | 0.0087 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| acenaphthene | 360 | 0.55 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| anthracene | 1800 | 5.8 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| benz(a)anthracene | 1.1 | 0.011 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| benzo(b)fluoranthene | 1.1 | 0.3 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| benzo(k)fluoranthene | 11 | 2.9 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| benzo(a)pyrene | 0.11 | 0.24 (M) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| chrysene | 110 | 9 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| dibenzo(a,h)anthracene | 0.11 | 0.096 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| fluoranthene | 240 | 8.9 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| fluorene | 240 | 0.54 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| indeno(1,2,3-cd)pyrene | 1.1 | 0.98 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1-methylnaphthalene | 18 | 0.006 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-methylnaphthalene | 24 | 0.019 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| naphthalene | 2 | 0.0038 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| pyrene | 180 | 1.3 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Metals in Soils | | | | | | | | | | | | | | | | | |
| arsenic | 0.68 | 0.29 (M) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| barium | 15000 | 82 (M) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| cadmium | 71 | 0.38 (M) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| chromium (VI) | 0.3 | 0.00067 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| copper | 3100 | 46 (M) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| lead | 400 | 14 (M) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| nickel | 1500 | 26 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| selenium | 390 | 0.26 (M) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| silver | 390 | 0.8 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| zinc | 23000 | 370 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |

The letter "(R)" following a protection of Groundwater soil screening level indicates the concentration is derived from a risk-based approach. The letter "(M)" following a protection of Groundwater soil screening level indicates the concentration is derived from the drinking water MCL.

Quantifier "J" indicated analyte is present at an estimated concentration between the MDL and Reporting Limit.

Quantifier "U" indicates analyzed but not detected above the MDL.

Values presented in **BOLD** contained concentrations exceeding ECMC Table 915-1 Residential Soil Screening Level limits, but are within Background results.

Values presented in **BOLD** contained concentrations exceeding ECMC Table 915-1 Residential Soil Screening Level limits, and Background results.

*Arsenic is naturally occurring in Colorado. Local Clean-Up Levels are 1.25*BG

| Peck Tank Battery Results - Table 915-1 | | | 10/8/2024 | | | | | | | | | | | |
|---------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------|------------------------|---------|---------|------------------------|---------|-------------|------------------------|---------|---------|------------------------|---------|---------|
| CLEANUP CONCENTRATIONS | Sample Point Depth | | SP5 | SP5 | SP6 | SP6 | SP7 | SP7 | SP8 | SP8 | SP9 | SP9 | SP10 | SP10 |
| Contaminant of Concern | Concentrations | | 1' | 4' | 1' | 4' | 1' | 4' | 1' | 4' | 1' | 4' | 1' | 4' |
| Soil TPH (total volatile [C6-C10] and extractable [C10-C36] hydrocarbons) | 500mg/kg | | 38.528748, -103.042101 | NA | NA | 38.528783, -103.042050 | NA | NA | 38.528791, -103.042222 | NA | NA | 38.528821, -103.042110 | NA | NA |
| PID READING | | | 0.5 ppm | 0.5 ppm | 0.0 ppm | 0.0 ppm | 0.0 ppm | 0.0 ppm | 0.0 ppm | 0.0 ppm | 0.0 ppm | 0.0 ppm | 0.0 ppm | 0.0 ppm |
| Soil Suitability for Reclamation | | | | | | | | | | | | | | |
| Electrical conductivity (EC) (by saturated paste method) | <4mmhos/cm | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Sodium adsorption ratio (SAR) (by saturated paste method) | <6 | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| pH (by saturated paste method) | 6-8.3 | | 8.13 | 8.14 | 8.22 | 8.28 | 8.19 | 8.43 | 8.03 | 7.86 | 8.07 | 8.16 | 7.98 | 7.98 |
| boron (hot water soluble soil extract) | 2mg/l | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Organic Compounds in Groundwater | | | | | | | | | | | | | | |
| benzene | 5µg/l | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| toluene | 560 to 1,000µg/l | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| ethylbenzene | 700µg/l | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| xylenes (sum of o-, m- and p- isomers = total xylenes) | 1,400 to 10,000µg/l | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| naphthalene | 140µg/l | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,2,4-trimethylbenzene | 67µg/l | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,3,5-trimethylbenzene | 67µg/l | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Groundwater Inorganic Parameters | | | | | | | | | | | | | | |
| total dissolved solids (TDS) | <1.25 X local background | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| chloride ion | 250mg/l or <1.25 X local background | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| sulfate ion | 250mg/l or <1.25 X local background | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Soils | Residential Soil Screening Level Concentrations (mg/kg) | Protection of Groundwater Soil Screening Level Concentrations (mg/kg) | SP5 | SP5 | SP6 | SP6 | SP7 | SP7 | SP8 | SP8 | SP9 | SP9 | SP10 | SP10 |
| | Depth | | 1' | 4' | 1' | 4' | 1' | 4' | 1' | 4' | 1' | 4' | 1' | 4' |
| Organic Compounds in Soils | | | | | | | | | | | | | | |
| benzene | 1.2 | 0.0026 (M) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| toluene | 490 | 0.69 (M) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| ethylbenzene | 5.8 | 0.78 (M) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| xylenes (sum of o-, m- and p- isomers = total xylenes) | 58 | 9.9 (M) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,2,4-trimethylbenzene | 30 | 0.0081 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,3,5-trimethylbenzene | 27 | 0.0087 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| acenaphthene | 360 | 0.55 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| anthracene | 1800 | 5.8 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| benz(a)anthracene | 1.1 | 0.011 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| benzo(b)fluoranthene | 1.1 | 0.3 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| benzo(k)fluoranthene | 11 | 2.9 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| benzo(a)pyrene | 0.11 | 0.24 (M) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| chrysene | 110 | 9 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| dibenzo(a,h)anthracene | 0.11 | 0.096 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| fluoranthene | 240 | 8.9 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| fluorene | 240 | 0.54 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| indeno(1,2,3-cd)pyrene | 1.1 | 0.98 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1-methylnaphthalene | 18 | 0.006 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-methylnaphthalene | 24 | 0.019 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| naphthalene | 2 | 0.0038 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| pyrene | 180 | 1.3 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Metals in Soils | | | | | | | | | | | | | | |
| arsenic | 0.68 | 0.29 (M) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| barium | 15000 | 82 (M) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| cadmium | 71 | 0.38 (M) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| chromium (VI) | 0.3 | 0.00067 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| copper | 3100 | 46 (M) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| lead | 400 | 14 (M) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| nickel | 1500 | 26 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| selenium | 390 | 0.26 (M) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| silver | 390 | 0.8 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| zinc | 23000 | 370 (R) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |

The letter "(R)" following a protection of Groundwater soil screening level indicates the concentration is derived from a risk-based approach. The letter "(M)" following a protection of Groundwater soil screening level indicates the concentration is derived from the drinking water MCL.

Quantifier "J" indicated analyte is present at an estimated concentration between the MDL and Reporting Limit.
Quantifier "U" indicates analyzed but not detected above the MDL.
Values presented in **BOLD** contained concentrations exceeding ECOMC Table 915-1 Residential Soil Screening Level limits, but are within Background results.
Values presented in **BOLD** contained concentrations exceeding ECOMC Table 915-1 Residential Soil Screening Level limits, and Background results.
*Arsenic is naturally occurring in Colorado. Local Clean-Up Levels are 1.25*BG

| Peck Tank Battery Results - Table 915-1 | | | 2/29/2024 | | | | | |
|---------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------|---------------------------|-------------|---------------------------|-------------|--------------------------|-------------|
| CLEANUP CONCENTRATIONS | Sample Point | | BG1 | BG1 | BG2 | BG2 | BG3 | BG3 |
| | Depth | | 1' | 4' | 1' | 4' | 1' | 4' |
| Contaminant of Concern | Concentrations | | 38.528625, -103.042244 | | 38.528856, -103.042328 | | 38.528714, -103.04145 | |
| Soil TPH (total volatile [C6-C10] and extractable [C10-C36] hydrocarbons) | 500mg/kg | | NA | NA | NA | NA | NA | NA |
| PID READING | | | 0.1 ppm | 0.0 ppm | 0.0 ppm | 0.0 ppm | 0.0 ppm | 0.0 ppm |
| Soil Suitability for Reclamation | | | | | | | | |
| Electrical conductivity (EC) (by saturated paste method) | <4mmhos/cm | | 0.779 | 0.219 | 0.437 | 0.349 | 1.37 | 1.78 |
| Sodium adsorption ratio (SAR) (by saturated paste method) | <6 | | NA | NA | NA | NA | NA | NA |
| pH (by saturated paste method) | 6-8.3 | | 7.89 | 8.33 | 8.05 | 8.48 | 7.82 | 7.93 |
| boron (hot water soluble soil extract) | 2mg/l | | 0.484 | 0.168 | 0.392 | 1.16 | 0.369 | 0.634 |
| Organic Compounds in Groundwater | | | | | | | | |
| benzene | 5µg/l | | NA | NA | NA | NA | NA | NA |
| toluene | 560 to 1,000µg/l | | NA | NA | NA | NA | NA | NA |
| ethylbenzene | 700µg/l | | NA | NA | NA | NA | NA | NA |
| xylenes (sum of o-, m- and p- isomers = total xylenes) | 1,400 to 10,000µg/l | | NA | NA | NA | NA | NA | NA |
| naphthalene | 140µg/l | | NA | NA | NA | NA | NA | NA |
| 1,2,4-trimethylbenzene | 67µg/l | | NA | NA | NA | NA | NA | NA |
| 1,3,5-trimethylbenzene | 67µg/l | | NA | NA | NA | NA | NA | NA |
| Groundwater Inorganic Parameters | | | | | | | | |
| total dissolved solids (TDS) | <1.25 X local background | | NA | NA | NA | NA | NA | NA |
| chloride ion | 250mg/l or <1.25 X local background | | NA | NA | NA | NA | NA | NA |
| sulfate ion | 250mg/l or <1.25 X local background | | NA | NA | NA | NA | NA | NA |
| Soils | Residential Soil Screening Level Concentrations (mg/kg) | Protection of Groundwater Soil Screening Level Concentrations (mg/kg) | BG1 | BG1 | BG2 | BG2 | BG3 | BG3 |
| | Depth | | 1' | 4' | 1' | 4' | 1' | 4' |
| Organic Compounds in Soils | | | | | | | | |
| benzene | 1.2 | 0.0026 (M) | NA | NA | NA | NA | NA | NA |
| toluene | 490 | 0.69 (M) | NA | NA | NA | NA | NA | NA |
| ethylbenzene | 5.8 | 0.78 (M) | NA | NA | NA | NA | NA | NA |
| xylenes (sum of o-, m- and p- isomers = total xylenes) | 58 | 9.9 (M) | NA | NA | NA | NA | NA | NA |
| 1,2,4-trimethylbenzene | 30 | 0.0081 (R) | NA | NA | NA | NA | NA | NA |
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| chrysene | 110 | 9 (R) | NA | NA | NA | NA | NA | NA |
| dibenzo(a,h)anthracene | 0.11 | 0.096 (R) | NA | NA | NA | NA | NA | NA |
| fluoranthene | 240 | 8.9 (R) | NA | NA | NA | NA | NA | NA |
| fluorene | 240 | 0.54 (R) | NA | NA | NA | NA | NA | NA |
| indeno(1,2,3-cd)pyrene | 1.1 | 0.98 (R) | NA | NA | NA | NA | NA | NA |
| 1-methylnaphthalene | 18 | 0.006 (R) | NA | NA | NA | NA | NA | NA |
| 2-methylnaphthalene | 24 | 0.019 (R) | NA | NA | NA | NA | NA | NA |
| naphthalene | 2 | 0.0038 (R) | NA | NA | NA | NA | NA | NA |
| pyrene | 180 | 1.3 (R) | NA | NA | NA | NA | NA | NA |
| Metals in Soils | | | | | | | | |
| arsenic | 0.68 | 0.29 (M) | 7.6 | 5.01 | 8.51 | 6.58 | 8.82 | 7.95 |
| barium | 15000 | 82 (M) | NA | NA | NA | NA | NA | NA |
| cadmium | 71 | 0.38 (M) | NA | NA | NA | NA | NA | NA |
| chromium (VI) | 0.3 | 0.00067 (R) | NA | NA | NA | NA | NA | NA |
| copper | 3100 | 46 (M) | NA | NA | NA | NA | NA | NA |
| lead | 400 | 14 (M) | NA | NA | NA | NA | NA | NA |
| nickel | 1500 | 26 (R) | NA | NA | NA | NA | NA | NA |
| selenium | 390 | 0.26 (M) | NA | NA | NA | NA | NA | NA |
| silver | 390 | 0.8 (R) | NA | NA | NA | NA | NA | NA |
| zinc | 23000 | 370 (R) | NA | NA | NA | NA | NA | NA |

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Values presented in **BOLD** contained concentrations exceeding ECMC Table 915-1 Residential Soil Screening Level limits, and Background results.

*Arsenic is naturally occurring in Colorado. Local Clean-Up Levels are 1.25*BG = 11.03 mg/kg

Table 915-1 Peck Tank Battery Results

10/25/2023

| CLEANUP CONCENTRATIONS | | SP 1 0'-1' | SP 1 4' | SP2 0'-1' | SP 3 0'-1' | SP 4 0'-1' | SP 5 0'-1' (Background) |
|---------------------------------------------------------------------------|-------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| Contaminant of Concern | Concentrations | 38.528729; -103.042121 | 38.528729; -103.042121 | 38.528761; -103.041349 | 38.528781; -103.042068 | 38.528893; -103.042381 | 38.528582; -103.042009 |
| Soil TPH (total volatile [C6-C10] and extractable [C10-C36] hydrocarbons) | 500mg/kg | ERO 8.3 J GRO U | ERO 6.1 J GRO U | ERO 9.4 J GRO U | ERO 3.8 J GRO U | ERO 8.4 J GRO U | ERO 6.0 J GRO U |
| PID READING | | 0.0 ppm | 0.1 ppm | 0.2 ppm | 0.1 ppm | 0.1 ppm | 0.2 ppm |
| Soil Suitability for Reclamation | | | | | | | |
| Electrical conductivity (EC) (by saturated paste method) | <4mmhos/cm | 1.7 | 1.5 | 0.72 | 0.68 | 1.5 | 0.56 |
| Sodium adsorption ratio (SAR) (by saturated paste method) | <6 | 0.32 | 1.2 | 0.40 | 0.29 | 0.25 | 0.099 |
| pH (by saturated paste method) | 6-8.3 | 9.53 | 9.37 | 7.57 | 10.5 | 10.8 | 7.74 |
| boron (hot water soluble soil extract) | 2mg/l | 0.61 | 0.77 | 0.83 | 0.67 | 0.97 | 0.75 |
| Organic Compounds in Groundwater | | | | | | | |
| benzene | 5µg/l | NA | NA | NA | NA | NA | NA |
| toluene | 560 to 1,000µg/l | NA | NA | NA | NA | NA | NA |
| ethylbenzene | 700µg/l | NA | NA | NA | NA | NA | NA |
| xylenes (sum of o-, m- and p- isomers = total xylenes) | 1,400 to 10,000µg/l | NA | NA | NA | NA | NA | NA |
| naphthalene | 140µg/l | NA | NA | NA | NA | NA | NA |
| 1,2,4-trimethylbenzene | 67µg/l | NA | NA | NA | NA | NA | NA |
| 1,3,5-trimethylbenzene | 67µg/l | NA | NA | NA | NA | NA | NA |
| Groundwater Inorganic Parameters | | | | | | | |
| total dissolved solids (TDS) | <1.25 X local background | NA | NA | NA | NA | NA | NA |
| chloride ion | 250mg/l or <1.25 X local background | NA | NA | NA | NA | NA | NA |
| sulfate ion | 250mg/l or <1.25 X local background | NA | NA | NA | NA | NA | NA |

| Soils | Residential Soil Screening Level Concentrations (mg/kg) | Protection of Groundwater Soil Screening Level Concentrations (mg/kg) | | | | | | |
|--------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------|------------|------------|------------|------------|------------|------------|
| Organic Compounds in Soils | | | | | | | | |
| benzene | 1.2 | 0.0026 (M) | U | U | U | U | U | U |
| toluene | 490 | 0.69 (M) | U | U | U | U | U | U |
| ethylbenzene | 5.8 | 0.78 (M) | U | U | U | U | U | U |
| xylenes (sum of o-, m- and p- isomers = total xylenes) | 58 | 9.9 (M) | U | U | U | U | U | U |
| 1,2,4-trimethylbenzene | 30 | 0.0081 (R) | U | U | U | U | U | U |
| 1,3,5-trimethylbenzene | 27 | 0.0087 (R) | U | U | U | U | U | U |
| acenaphthene | 360 | 0.55 (R) | U | U | U | U | U | U |
| anthracene | 1800 | 5.8 (R) | U | U | U | U | U | U |
| benz(a)anthracene | 1.1 | 0.011 (R) | U | U | U | U | U | U |
| benzo(b)fluoranthene | 1.1 | 0.3 (R) | U | U | U | U | U | U |
| benzo(k)fluoranthene | 11 | 2.9 (R) | U | U | U | U | U | U |
| benzo(a)pyrene | 0.11 | 0.24 (M) | U | U | U | U | U | U |
| chrysene | 110 | 9 (R) | U | U | U | U | U | U |
| dibenzo(a,h)anthracene | 0.11 | 0.096 (R) | U | U | U | U | U | U |
| fluoranthene | 240 | 8.9 (R) | U | U | U | U | U | U |
| fluorene | 240 | 0.54 (R) | U | U | U | U | U | U |
| indeno(1,2,3-cd)pyrene | 1.1 | 0.98 (R) | U | U | U | U | U | U |
| 1-methylnaphthalene | 18 | 0.006 (R) | U | U | U | U | U | U |
| 2-methylnaphthalene | 24 | 0.019 (R) | U | U | U | U | U | U |
| naphthalene | 2 | 0.0038 (R) | U | U | U | U | U | U |
| pyrene | 180 | 1.3 (R) | U | U | U | U | U | U |
| Metals in Soils | | | | | | | | |
| arsenic | 0.68 | 0.29 (M) | 5.9 | 4.6 | 4.9 | 5.2 | 4.9 | 4.9 |
| barium | 15000 | 82 (M) | 170 | 320 | 170 | 160 | 130 | 160 |
| cadmium | 71 | 0.38 (M) | 0.15 | 0.087 J | 0.12 | 0.13 J | 0.15 J | 0.14 |
| chromium (VI) | 0.3 | 0.00067 (R) | U | U | U | U | U | U |
| copper | 3100 | 46 (M) | 11 | 9.3 | 9.6 | 9.6 | 10 | 10 |
| lead | 400 | 14 (M) | 12 | 12 | 13 | 11 | 11 | 12 |
| nickel | 1500 | 26 (R) | 11 | 10 | 9.4 | 9.6 | 10 | 10 |
| selenium | 390 | 0.26 (M) | 0.45 | U | 0.36 | 0.36 J | 0.44 J | 0.40 |
| silver | 390 | 0.8 (R) | 0.054 J | U | 0.046 J | U | U | 0.045 J |
| zinc | 23000 | 370 (R) | 34 | 32 | 35 | 30 | 33 | 31 |

The letter "(R)" following a protection of Groundwater soil screening level indicates the concentration is derived from a risk-based approach. The letter "(M)" following a protection of Groundwater soil screening level indicates the Quantifier "J" indicated analyte is present at an estimated concentration between the MDL and Reporting Limit. Quantifier "U" indicates analyzed but not detected above the MDL. Values presented in **BOLD** contained concentrations exceeding ECMC Table 915-1 Residential Soil Screening Level limits, but are within Background results. Values presented in **BOLD** contained concentrations exceeding ECMC Table 915-1 Residential Soil Screening Level limits, and Background results. *Arsenic is naturally occurring in Colorado. Local Clean-Up Levels are 1.25*BG (4.9 kg/mg) = 6.125 mg/kg