

**Table 1**  
**Sample Details**

Citation - MPU PW Flow-Line Leak - CIT.CO.0620.01

ECMC Remediation ID: 23666



| Sample ID  | Time Collected | Sample Date | Depth (ft. bgs) | Location Description   | Latitude | Longitude  | Color/Lithology                           |
|------------|----------------|-------------|-----------------|------------------------|----------|------------|---|
| SB01 @ 3'  | 805            | 8/21/2024   | 3               | Center of reclaim area | 38.88054 | -102.74341 | brown silty clay, small pockets of white  |
| SB01 @ 5'  | 810            | 8/21/2024   | 5               |                        |          |            | brown silty clay, small pockets of white  |
| SB01 @ 7'  | 815            | 8/21/2024   | 7               |                        |          |            | brown silty clay, small pockets of white  |
| SB02 @ 3'  | 905            | 8/21/2024   | 3               | N edge of reclaim area | 38.88056 | -102.74343 | brown sandy clay, small pockets of white  |
| SB02 @ 5'  | 910            | 8/21/2024   | 5               |                        |          |            | brown clayey sand                         |
| SB02 @ 7'  | 915            | 8/21/2024   | 7               |                        |          |            | brown clayey sand                         |
| SB03 @ 3'  | 930            | 8/21/2024   | 3               | ~75' E of SB01         | 38.88049 | -102.74313 | reddish-brown sand                        |
| SB03 @ 5'  | 935            | 8/21/2024   | 5               |                        |          |            | greyish-brown clay                        |
| SB03 @ 7'  | 940            | 8/21/2024   | 7               |                        |          |            | greyish-brown clay                        |
| SB04 @ 3'  | 955            | 8/21/2024   | 3               | ~50' S of SB01         | 38.88042 | -102.74339 | greyish-brown sandy clay                  |
| SB04 @ 5'  | 1000           | 8/21/2024   | 5               |                        |          |            | greyish-brown sandy clay                  |
| SB04 @ 7'  | 1005           | 8/21/2024   | 7               |                        |          |            | greyish-brown sandy clay                  |
| SB05 @ 3'  | 1050           | 8/21/2024   | 3               | ~75' W of SB01         | 38.88045 | -102.74364 | greyish-brown sandy clay                  |
| SB05 @ 5'  | 1055           | 8/21/2024   | 5               |                        |          |            | brown sandy clay                          |
| SB05 @ 7'  | 1100           | 8/21/2024   | 7               |                        |          |            | brown sandy clay                          |
| BKG04 @ 1' | 1120           | 8/21/2024   | 1               | ~245' SE of SB01       | 38.88026 | -102.74265 | dark brown sand                           |
| BKG04 @ 3' | 1125           | 8/21/2024   | 3               |                        |          |            | light brown sand                          |
| BKG04 @ 5' | 1130           | 8/21/2024   | 5               |                        |          |            | brown clayey sand, small pockets of white |
| BKG04 @ 7' | 1135           | 8/21/2024   | 7               |                        |          |            | brown clayey sand, small pockets of white |

**Notes:**

ft. bgs - Feet below ground surface

## Table 2

### Soil Suitability Constituents

Citation - MPU PW Flow-Line Leak - CIT.CO.0620.01

ECMC Remediation ID: 23666



| Sample ID  | Depth   | Sample Date | Location Description   | EC       | SAR   | Boron |
|--|---------|-------------|------------------------|----------|-------|-------|
|  | ft. bgs |             |                        | mmhos/cm | ratio | mg/L  |
| ECMC Table 915-1 Soil Suitability Concentrations |         |             |                        | < 4      | < 6   | 2     |
| Site Specific Background Levels                  |         |             |                        | < 4      | 31.3  | 3.36  |
| SB01 @ 3'  | 3       | 8/21/2024   | Center of reclaim area | 29.7     | 60.9  | 3.59  |
| SB01 @ 5'  | 5       | 8/21/2024   | Center of reclaim area | 15.9     | 38.7  | <2.00 |
| SB01 @ 7'  | 7       | 8/21/2024   | Center of reclaim area | 17.9     | 39.2  | <2.00 |
| SB02 @ 3'  | 3       | 8/21/2024   | N edge of reclaim area | 11.5     | 16.5  | <2.00 |
| SB02 @ 5'  | 5       | 8/21/2024   | N edge of reclaim area | 3.73     | 30.3  | <2.00 |
| SB02 @ 7'  | 7       | 8/21/2024   | N edge of reclaim area | 8.02     | 35.5  | 2.98  |
| SB03 @ 3'  | 3       | 8/21/2024   | ~75' E of SB01         | 7.04     | 21.9  | 2.47  |
| SB03 @ 5'  | 5       | 8/21/2024   | ~75' E of SB01         | 1.81     | 9.58  | 2.18  |
| SB03 @ 7'  | 7       | 8/21/2024   | ~75' E of SB01         | 7.28     | 10.8  | <2.00 |
| SB04 @ 3'  | 3       | 8/21/2024   | ~50' S of SB01         | 9.87     | 17.2  | 3.35  |
| SB04 @ 5'  | 5       | 8/21/2024   | ~50' S of SB01         | 9.01     | 15.6  | 5.84  |
| SB04 @ 7'  | 7       | 8/21/2024   | ~50' S of SB01         | 3.99     | 16.4  | 3.79  |
| SB05 @ 3'  | 3       | 8/21/2024   | ~75' W of SB01         | 12.8     | 26.8  | 3.55  |
| SB05 @ 5'  | 5       | 8/21/2024   | ~75' W of SB01         | 9.98     | 25.5  | 3.47  |
| SB05 @ 7'  | 7       | 8/21/2024   | ~75' W of SB01         | 11.9     | 28.0  | 2.13  |
| BKG04 @ 1'                                       | 1       | 8/21/2024   | ~245' SE of SB01       | 0.179    | 0.339 | <2.00 |
| BKG04 @ 3'                                       | 3       | 8/21/2024   | ~245' SE of SB01       | 0.589    | 2.20  | <2.00 |
| BKG04 @ 5'                                       | 5       | 8/21/2024   | ~245' SE of SB01       | 1.34     | 3.54  | <2.00 |
| BKG04 @ 7'                                       | 7       | 8/21/2024   | ~245' SE of SB01       | 2.42     | 10.5  | 3.36  |

**Notes:**

ft. bgs - Feet below ground surface

EC = Electrical Conductivity

SAR = Sodium Adsorption Ratio

mmhos/cm - Millimhos per centimeter

mg/L - Milligrams per liter

**BOLD** = Constituent Concentration is in exceedance of ECMC Table 915-1 allowable limit.

**BOLD** = Constituent Concentration is in exceedance of ECMC Table 915-1 allowable limit but within site-specific background levels.