



June 22, 2016

Mr. Jacob Evans
Noble Energy, Inc.
1625 Broadway, Suite 2200
Denver, Colorado 80202

**Assessment and Excavation Report
Dyer-USX AB #35-13
Well Head Release
40.524370 / -104.524400
SW¼ SW¼ Sec.35 T7N R64W 6PM
Weld County, Colorado
API # 05-123-24547**

Dear Mr. Evans,

Eagle Environmental Consulting, Inc. (EAGLE) is pleased to present this Field Assessment and Soil Analytical Report to Noble Energy, Inc. (Noble) for the above referenced site.

1.0 SITE BACKGROUND

EAGLE was requested by Noble to perform surface assessment activities at the Dyer-USX AB #35-13 site (site) in response to potential soil impacts associated with a well head release. Surface samples were collected prior to remediation to aid in determine the lateral extent of petroleum hydrocarbon impacts at the site.

The Dyer-USX AB #35-13 site is located within the southwest quarter of the southwest quarter of Section 35, Township 7 north, Range 64 west of the 6th Prime Meridian. The well is located at latitude: 40.524370 and longitude -104.524400 in Weld County, Colorado. A topographic site location map is included as Figure 1. An aerial site location map is included as Figure 2. The following narrative details soil assessment and remediation activities at the site.

1.1 Site Hydrogeology

Based on field observations, soil conditions observed adjacent to the Dyer-USX AB #35-13 well consisted of a sandy, clayey, silt from the surface to approximately 2 feet below ground surface (bgs), followed by a sandy clay from approximately 2 feet bgs to 5 feet bgs. At approximately 5 feet bgs, a weathered claystone was observed to approximately 9 feet bgs, underlain by a shale bedrock. Groundwater was not observed during excavation activities.

2.0 INITIAL SOIL ASSESSMENT ACTIVITIES

On May 27, 2016, EAGLE collected surface and background soil samples (SS-01 through SS-16) within the visually stained area surrounding the Dyer-USX AB #35-13 well head.

During soil sampling activities, a portion of each soil sample was placed in a sealable plastic bag for volatile organic compound (VOC) headspace analysis utilizing a field calibrated photoionization detector

(PID). Another portion of the soil sample was placed in a 2-ounce glass jar and packed in an iced cooler for laboratory analysis.

Based on location and PID analysis, soil samples SS-01 through SS-16 were submitted to Summit Scientific (Summit), under standard chain of custody (COC) procedures, for analysis of BTEX, naphthalene, TPH-GRO, and TPH-DRO following modified Environmental Protection Agency (EPA) Methods 8260c and 8015. Soil samples SS-01 through SS-16 were also analyzed for total arsenic following EPA Method 6020. The laboratory received the soil samples within the required holding time for each laboratory analysis.

Spatial location of each soil sample was recorded using a Trimble GeoXT 6000 series instrument. A site map presenting initial soil sample locations is included as Figure 3.

2.1 Soil Analytical Results

Based on soil laboratory analytical results, soil samples SS-10@0.5-1' and SS-11@0.5-1' contained concentrations of total petroleum hydrocarbons (TPH) exceeding the COGCC Table 910-1 regulatory limit of 500 milligrams per kilogram (mg/kg) (6,500 mg/kg and 14,000 mg/kg, respectively). Soil sample SS-11@0.5-1' also contained a concentration of benzene (1.7 mg/kg) exceeding the COGCC Table 910-1 regulatory limit of 0.17 mg/kg. All other soil samples collected did not contain concentrations of BTEX, naphthalene, or TPH exceeding applicable COGCC Table 910-1 regulatory limits.

Soil analytical results are summarized in Table 1 and presented in Figure 3. Soil laboratory analytical reports are included in Attachment A.

3.0 EXCAVATION ACTIVITIES

From June 6, 2016 through June 8, 2016, EAGLE supervised excavation activities to remove adsorbed petroleum hydrocarbon impacts beneath, and adjacent to, the Dyer-USX AB #35-13 wellhead. Wells Trucking provided the necessary equipment and personnel to remove and transport petroleum hydrocarbon impacted soil from the site.

Waste characterization/confirmation soil samples (SS-20 through SS-48) were collected at various locations to determine the lateral and vertical extent of petroleum hydrocarbon impacts in the soil adjacent to the well head. A portion of each soil sample was placed in a sealable plastic bag for VOC headspace analysis utilizing a field calibrated PID. Another portion of the soil sample was placed in a 2-ounce glass jar and packed in an iced cooler for laboratory analysis.

Based on location and PID analysis, selected jarred soil samples were submitted to Summit, under standard chain of custody procedures, for analysis of BTEX, naphthalene, TPH-GRO, and TPH-DRO following modified Environmental Protection Agency (EPA) Methods 8260c and 8015. Submitted soil samples were also analyzed for total arsenic following EPA Method 6020.

A total of 22 confirmation soil samples (SS-20@1.5', SS-21@1.5', SS-22@1.5', SS-26@7.5', SS-27@7.5', SS-28@7.5', SS-29@7.5', SS-30@10', SS-31@8', SS-34@10', SS-35@8', SS-36@10', SS-37@8', SS-38@10', SS-39@8', SS-40@10', SS-41@8', SS-44@8', SS-45@10', SS-46@8.5', SS-47@3', and SS-48@10') collected from the excavation were submitted for laboratory analysis. Spatial location of each soil sample was recorded utilizing a Trimble GeoXT 6000 series instrument. A site map presenting the limits of the excavation, as well as soil sample locations, is included as Figure 4. A cross section of soil samples at varying depths of the excavation is included as Figure 5.

The final limits of the Dyer-USX AB #35-13 excavation extended approximately 29 feet east to west and approximately 46 feet north to south. The excavation was advanced to a total depth of approximately 10 feet bgs. An area south of the excavation was scraped a total of 3 feet bgs. The scraped area extended approximately 100 feet northeast to southwest, by approximately 50 feet northwest to southeast.

A total of approximately 1,110 cubic yards of soil was removed during excavation activities and transported offsite for disposal at an appropriately permitted facility. Following collection of confirmatory soil samples, the excavation was backfilled with clean structural fill and compacted to grade.

3.1 Soil Analytical Results

Based on soil laboratory analytical results:

- Soil samples SS-26@7.5', SS-27@7.5', SS-28@7.5', SS-29@7.5', and SS-39@8' contained concentrations of benzene exceeding the COGCC Table 910-1 regulatory limit of 0.17 mg/kg (0.34 mg/kg, 25 mg/kg, 0.19 mg/kg, 0.62 mg/kg, and 0.49 mg/kg, respectively).
- Soil samples SS-26@7.5', SS-27@7.5', SS-29@7.5', and SS-39@8' contained concentrations of TPH exceeding the COGCC Table 910-1 regulatory limit of 500 mg/kg (550 mg/kg, 9,000 mg/kg, 860 mg/kg, and 1,330 mg/kg, respectively).
- The excavation was extended laterally and vertically to a depth of approximately 10 feet bgs to remove adsorbed petroleum hydrocarbon impacts.
- Soil samples SS-31@8', SS-34@10', SS-35@8', SS-36@10', SS-37@8', SS-38@10', SS-40@10', SS-45@10', and SS-46@8.5' were collected to confirm petroleum hydrocarbon impacts had been removed.

Soil analytical results are summarized in Table 1 and presented in Figure 4. Laboratory analytical reports for the soil samples collected during excavation activities are included in Attachment A.

3.2 Arsenic Analytical Results

All soil samples submitted for laboratory analysis were also analyzed for arsenic following EPA Method 6020. Arsenic is a naturally occurring element within certain soils observed in Colorado. During initial assessment activities, EAGLE collected soil samples outside of observed surface impacts to aid in determining background arsenic concentrations at the site. Arsenic concentrations ranged from 2.89 mg/kg (SS-08@0-0.25') to 3.89 mg/kg (SS-15@0.25-0.5').

During excavation activities, shale bedrock was observed at approximately 9 feet bgs. Shale is known to contain naturally occurring arsenic. Soil sample SS-30@10' contained an arsenic concentration of 29.7 mg/kg, but did not contain concentrations of BTEX, naphthalene, or TPH exceeding applicable COGCC Table 910-1 regulatory limits. Soil sample SS-48@10' was collected adjacent to soil sample SS-30@10' to confirm arsenic concentrations. Soil sample SS-48@10' contained an arsenic concentration of 22.2 mg/kg, but no detectable concentrations of BTEX, naphthalene, or TPH, confirming the observed arsenic is naturally occurring.

4.0 CONCLUSIONS

Based on the information presented in this report, EAGLE concludes the following:

- On May 27, 2016, EAGLE completed initial assessment activities following a release at the Dyer-USX AB #35-13 well head.
- From June 6, 2016 through June 8, 2016, EAGLE supervised excavation and soil scraping activities at the site.
- Confirmation soil samples (SS-20@1.5', SS-21@1.5', SS-22@1.5', SS-30@10', SS-31@8', SS-34@10', SS-35@8', SS-36@10', SS-37@8', SS-38@10', SS-40@10', SS-41@8', SS-44@8', SS-45@10', SS_46@8.5', SS-47@3', and SS-48@10' collected from the sidewalls and floor of the Dyer-USX AB #35-13 excavation and scraped area did not contain concentrations of BTEX, naphthalene, TPH-GRO, or TPH-DRO exceeding applicable COGCC Table 910-1 regulatory limits and/or laboratory reporting limits.
- Approximately 1,110 cubic yards of soil was removed from the site during excavation activities.

5.0 RECOMMENDATIONS

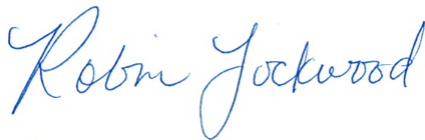
Based on the information presented in this report, EAGLE recommends the following:

- No Further Action associated with the well head release appears warranted at the Dyer-USX AB #35-13 site at this time.

EAGLE sincerely appreciates the opportunity to provide our services. If you have any questions or require further information, please contact us at (303) 433-0479.

Sincerely,

EAGLE ENVIRONMENTAL CONSULTING, INC.



Robin Lockwood
Project Scientist



Martin Eckert III
Senior Project Manager

FIGURES

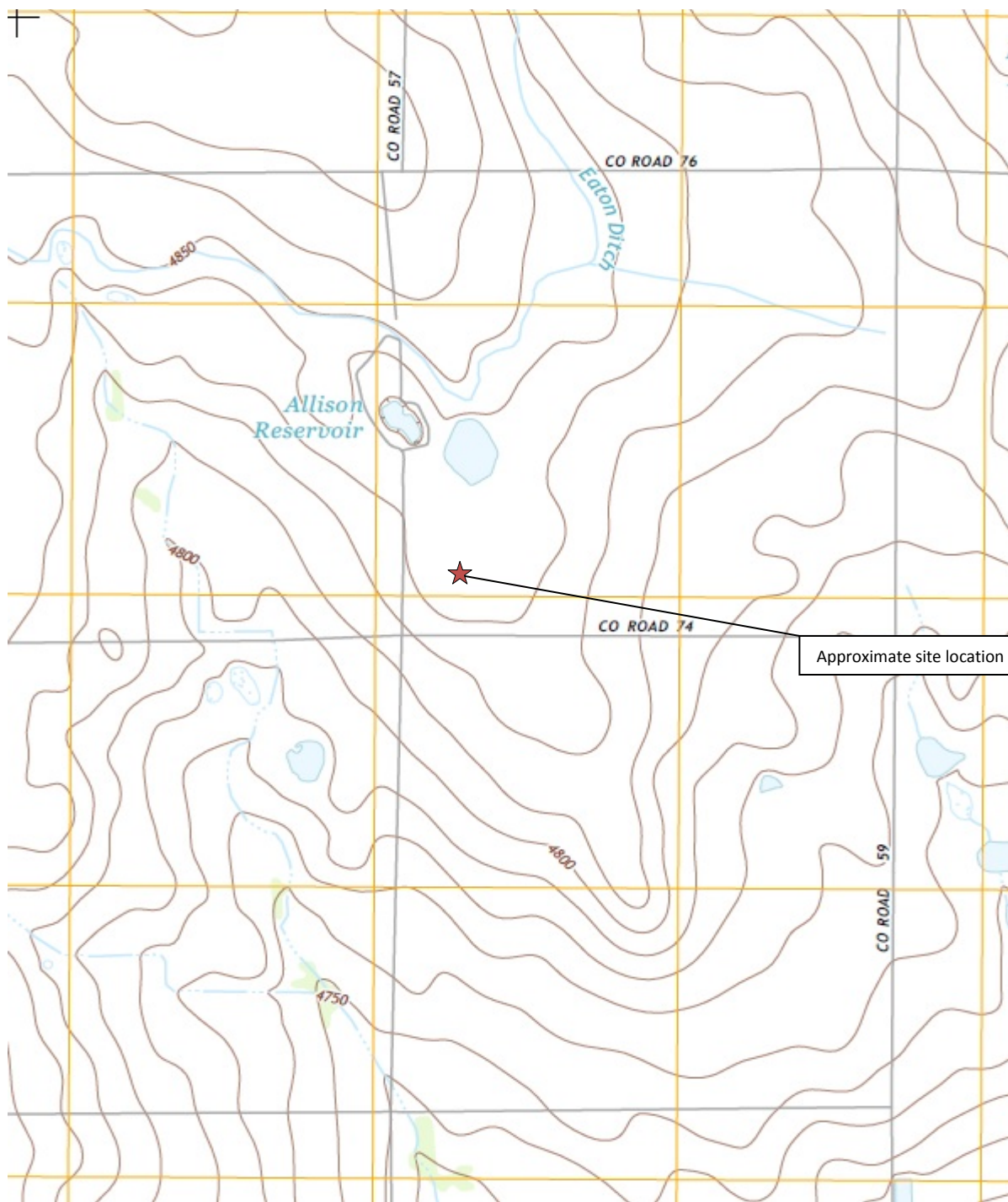
Figure 1: Topographic Site Location Map

Figure 2: Aerial Site Location Map

Figure 3: Initial Assessment Soil Analytical Map

Figure 4: Excavation Soil Analytical Map

Figure 5: Excavation Cross Section (A-A')



Topographic Site Location Map

Dyer-USX AB #35-13
Well Head Release
40.524370 / -104.524400
SW¼ SW¼ SEC.35 T7N R64W 6PM
Weld County, Colorado
API # 05-123-24547

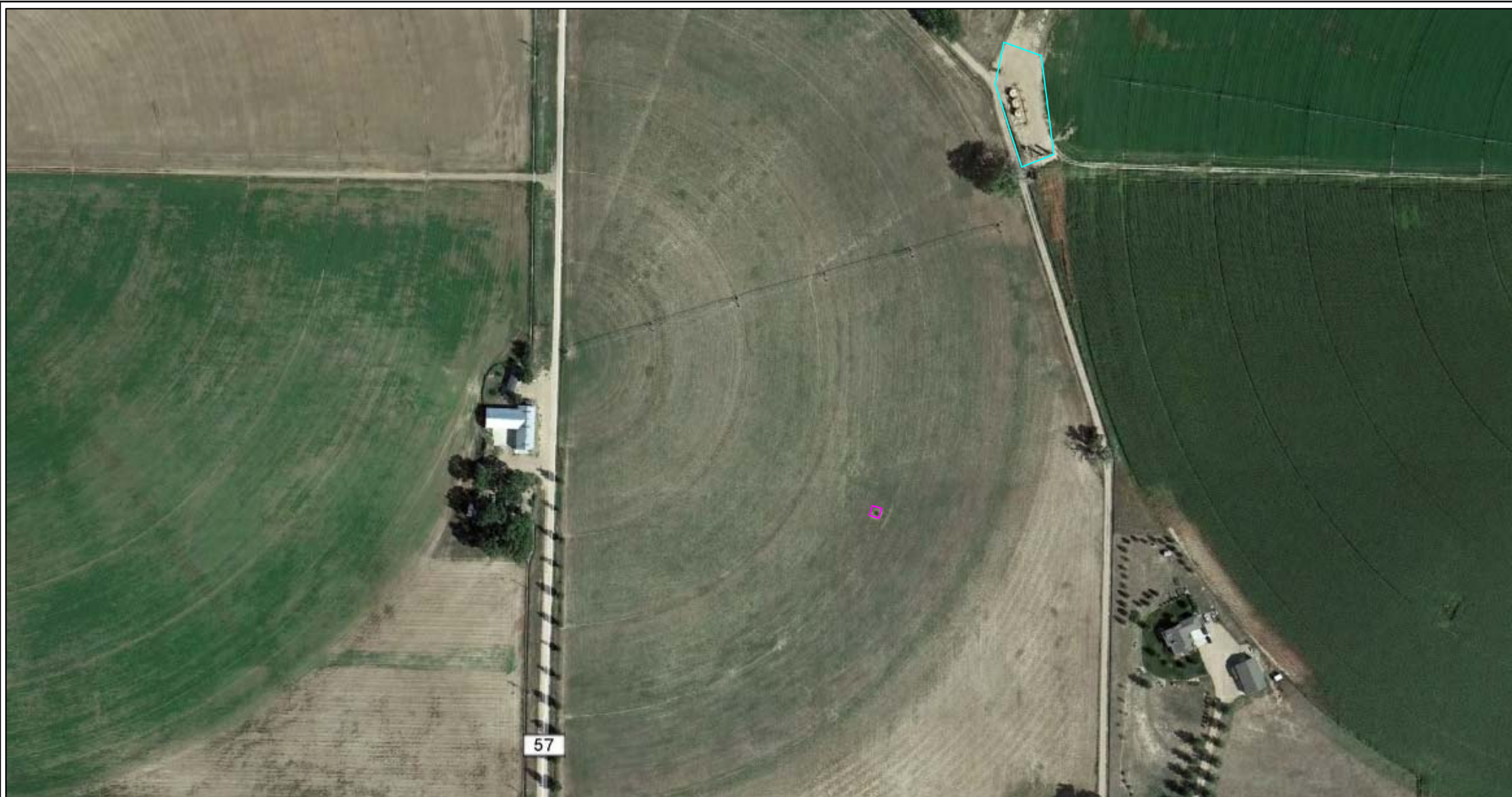


EAGLE
ENVIRONMENTAL
CONSULTING, INC.



Source: USGS 7.5 Minute Topographic
Map: Galeton, CO
Quadrangle 2013

Figure 1



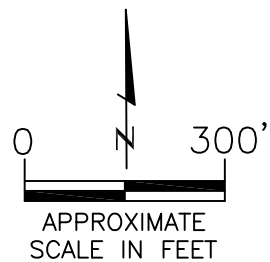
LEGEND



DYER-USX AB #35-13 TANK BATTERY



DYER-USX AB #35-13 WELL HEAD/RELEASE LOCATION



AERIAL SITE LOCATION MAP

DYER-USX AB #35-13
WELL HEAD RELEASE
40.524370 / -104.524400
SW1/4 SW1/4 SEC.35 T7N R64W 6PM
WELD COUNTY, COLORADO
API # 05-123-24547

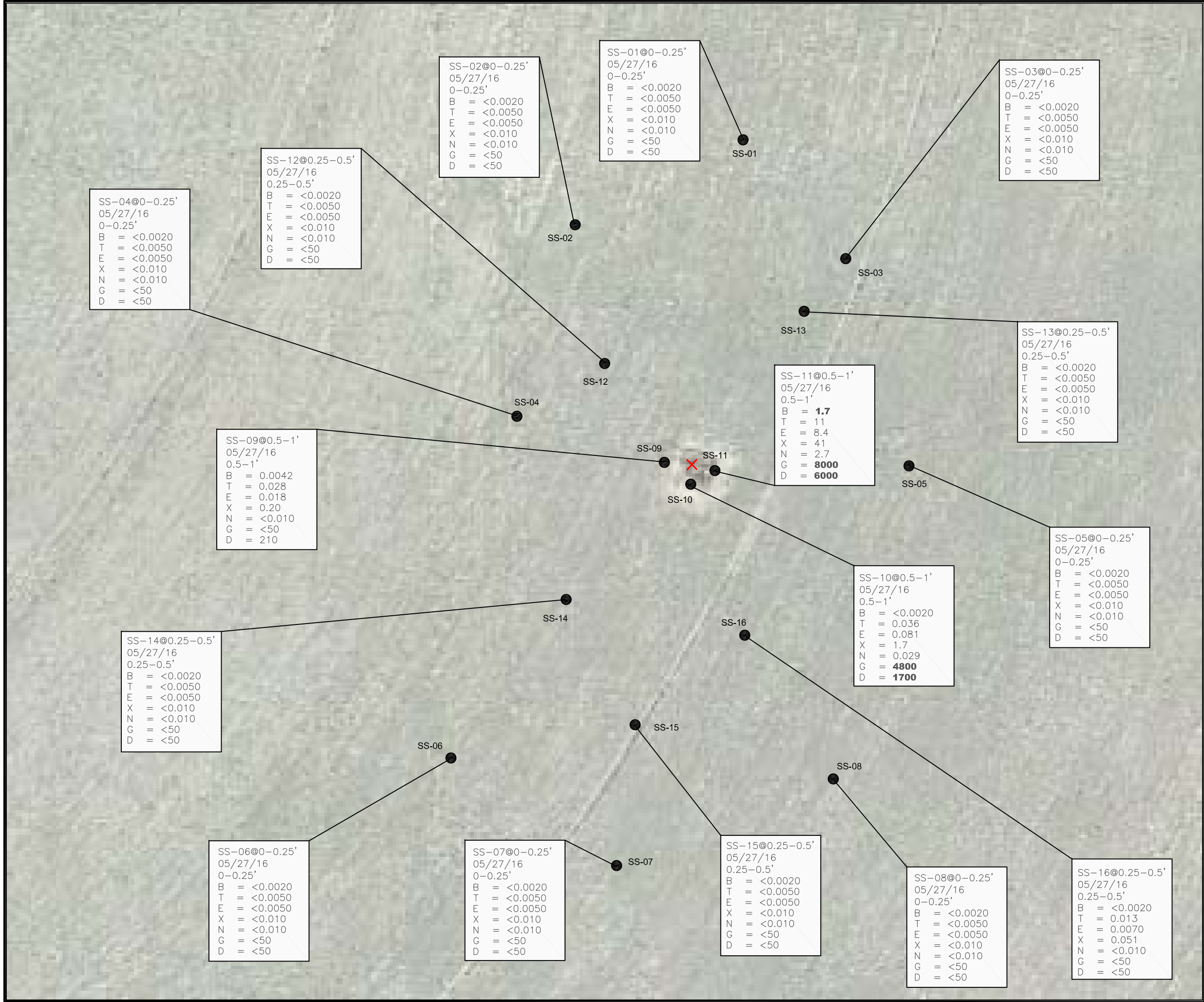
DATE:
05/20/16

FIG. NO.
2

DRAWN BY:
AMN



EAGLE
ENVIRONMENTAL
CONSULTING, INC.
4101 INCA STREET, DENVER, CO 80211
Ph: 303-433-0479 • F: 303-325-5449



LEGEND

✗ WELL HEAD/RELEASE LOCATION

● APPROXIMATE LOCATION OF SOIL SAMPLES SUBMITTED FOR LABORATORY ANALYSIS

SS-01

PARAMETERS

SAMPLE LOCATION
DATE
DEPTH (FEET)
B = BENZENE (mg/kg)
T = TOLUENE (mg/kg)
E = ETHYLBENZENE (mg/kg)
X = TOTAL XYLENES (mg/kg)
N = NAPHTHALENE (mg/kg)
G = TPH-GRO (mg/kg)
D = TPH-DRO (mg/kg)

mg/kg = MILLIGRAMS PER KILOGRAM

TPH-GRO = TOTAL PETROLEUM HYDROCARBONS – GASOLINE RANGE ORGANICS

TPH-DRO = TOTAL PETROLEUM HYDROCARBONS – DIESEL RANGE ORGANICS

NOTE:
VALUES PRESENTED WITH A LESS THAN SYMBOL (<) DID NOT CONTAIN CONCENTRATIONS AT OR ABOVE LABORATORY DETECTION LIMITS

VALUES PRESENTED IN **BOLD** TYPEFACE CONTAIN CONCENTRATIONS EXCEEDING COGCC TABLE 910-1 REGULATORY LIMITS

COGCC – COLORADO OIL AND GAS CONSERVATION COMMISSION

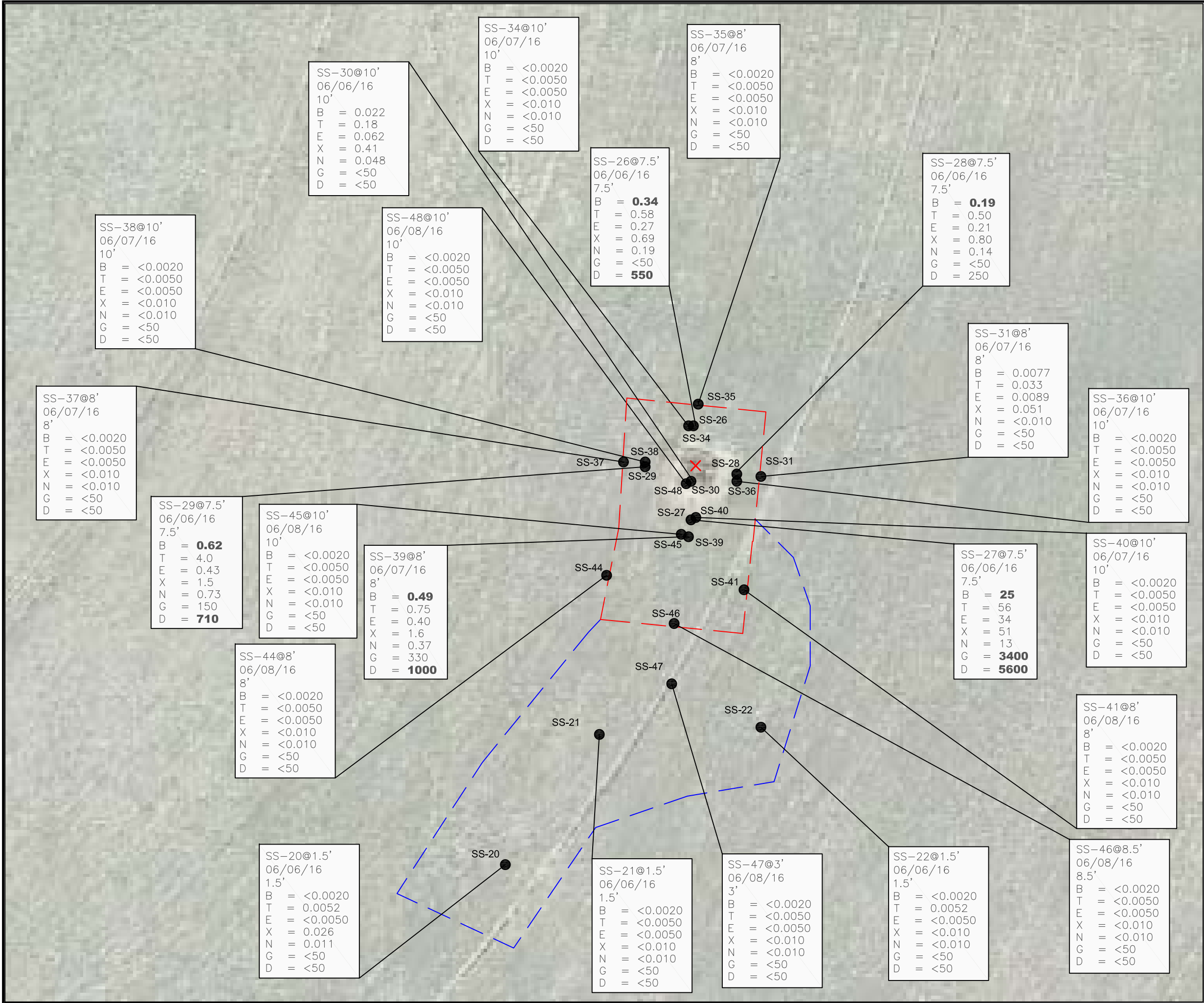
0 30'

APPROXIMATE SCALE IN FEET

INITIAL ASSESSMENT SOIL ANALYTICAL MAP
DYER-USX AB #35-13
WELL HEAD RELEASE
40.524370/-104.524400
SW1/4 SW1/4 SEC.35 T7N R64W 6PM
WELD COUNTY, COLORADO
API # 05-123-24547

| | | |
|----------|----------|-----------------|
| DATE | 06/15/16 | |
| FIG. NO. | 3 | DRAWN BY amn |

EAGLE
ENVIRONMENTAL
CONSULTING, INC.
4101 INCA STREET, DENVER, CO 80211
Ph: 303-433-0479 • F: 303-325-5449



LEGEND

✗

WELL HEAD/RELEASE LOCATION

—

APPROXIMATE SCRAPED BOUNDARIES

—

APPROXIMATE EXCAVATION BOUNDARIES

●

APPROXIMATE LOCATION OF SOIL SAMPLES SUBMITTED FOR LABORATORY ANALYSIS

SS-01

PARAMETERS

SAMPLE LOCATION

DATE

DEPTH (FEET)

B = BENZENE (mg/kg)

T = TOLUENE (mg/kg)

E = ETHYLBENZENE (mg/kg)

X = TOTAL XYLENES (mg/kg)

N = NAPHTHALENE (mg/kg)

G = TPH-GRO (mg/kg)

D = TPH-DRO (mg/kg)

mg/kg = MILLIGRAMS PER KILOGRAM

TPH-GRO = TOTAL PETROLEUM HYDROCARBONS – GASOLINE RANGE ORGANICS

TPH-DRO = TOTAL PETROLEUM HYDROCARBONS – DIESEL RANGE ORGANICS

NOTE:
VALUES PRESENTED WITH A LESS THAN SYMBOL (<) DID NOT CONTAIN CONCENTRATIONS AT OR ABOVE LABORATORY DETECTION LIMITS

VALUES PRESENTED IN **BOLD** TYPEFACE CONTAIN CONCENTRATIONS EXCEEDING COGCC TABLE 910-1 REGULATORY LIMITS

COGCC – COLORADO OIL AND GAS CONSERVATION COMMISSION

NOTE: MAP DOES NOT INCLUDE SAMPLES COLLECTED DURING INITIAL ASSESSMENT ACTIVITIES.

0

N

20'

APPROXIMATE SCALE IN FEET

EXCAVATION SOIL ANALYTICAL MAP

DYER-USX AB #35-13

WELL HEAD RELEASE

40.524370/-104.524400

SW1/4 SW1/4 SEC.35 T7N R64W 6PM

WELD COUNTY, COLORADO

API # 05-123-24547

DATE

06/15/16

FIG. NO.

4

DRAWN BY

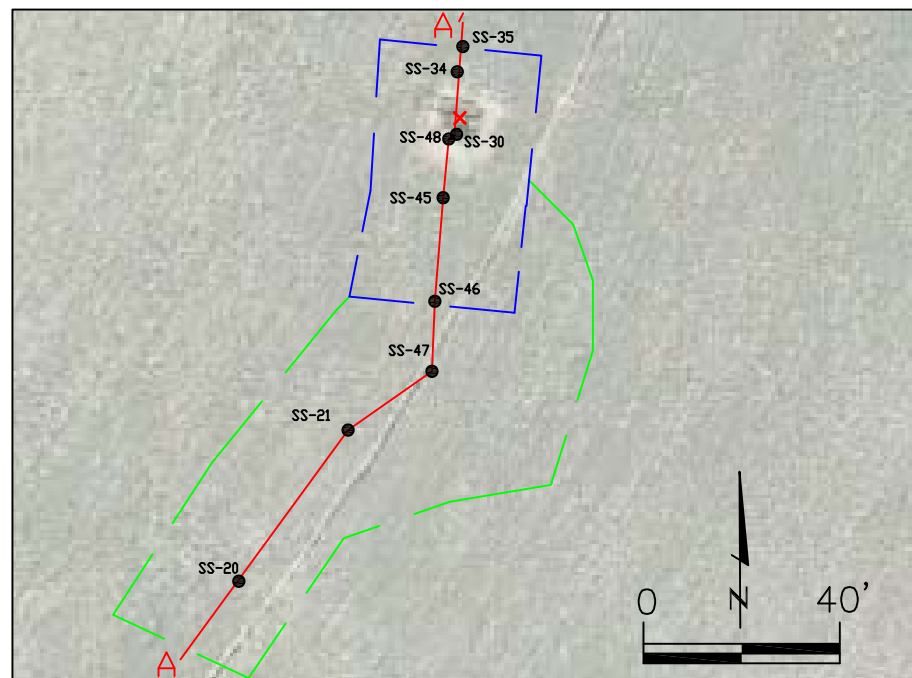
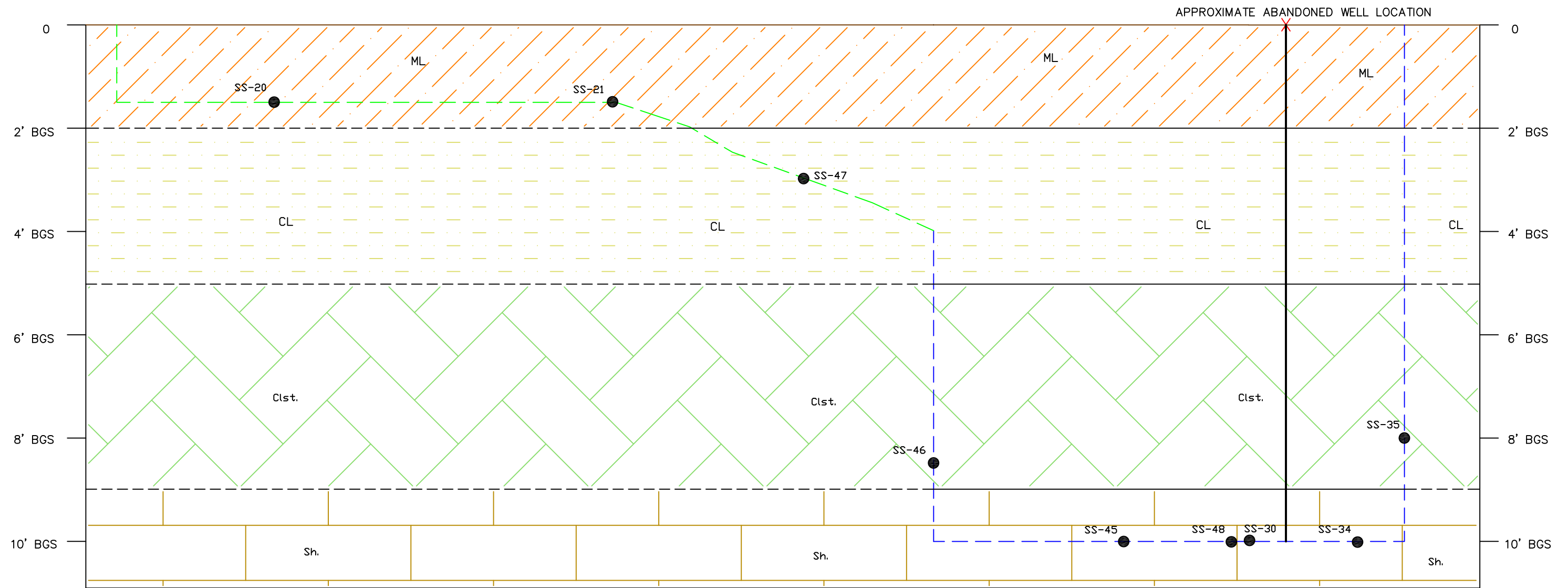
amn

EAGLE

ENVIRONMENTAL CONSULTING, INC.

4101 INCA STREET, DENVER, CO 80211

Ph: 303-433-0479 • F: 303-325-5449



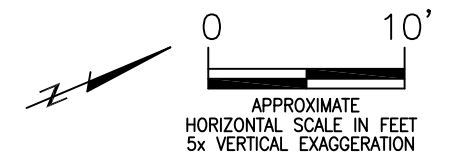
LEGEND

- ML SANDY CLAYEY SILT
- CL SANDY CLAY
- Clst. WEATHERED CLAYSTONE
- Sh. SHALE BEDROCK
- GROUND SURFACE
- EXCAVATION BOUNDARIES
- SCRAP BOUNDARIES
- OBSERVED CONTACT
- INFERRED CONTACT
- A—A' LINE OF CROSS SECTION
- X RELEASE LOCATION



SS-45 SOIL SAMPLE LOCATION

BGS = BELOW GROUND SURFACE



EXCAVATION CROSS SECTION (A-A')
DYER-USX AB #35-13
WELL HEAD RELEASE
40.524370 / -104.524400
SW1/4 SW1/4 SEC.35 T7N R64W 6PM
WELD COUNTY, COLORADO
API # 05-123-24547



EAGLE
ENVIRONMENTAL
CONSULTING, INC.
4101 INCA STREET, DENVER, CO 80211
Ph: 303-433-0479 • F: 303-325-5449

FIG.
NO. 5

DATE:
06/15/16

DRAWN BY:
AMN

TABLE

Table 1: Soil Analytical Results Summary

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
DYER USX AB #35-13
WELL HEAD RELEASE
40.524370 / -104.524400
SW¼ SW¼ SEC.35 T7N R64W 6PM
WELD COUNTY, COLORADO
API #05-123-24547

| Sample Location (Latitude/Longitude) | Date | Approximate Depth (feet) | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Total Xylenes (mg/kg) | Naphthalene (mg/kg) | TPH- GRO (mg/kg) | TPH- DRO (mg/kg) | Arsenic (mg/kg) |
|--|----------|--------------------------------|--------------------|--------------------|-------------------------|-----------------------------|------------------------|------------------------|------------------------|--------------------|
| COGCC - Regulatory Limits (Table 910-1) (mg/kg) | | | 0.17 | 85 | 100 | 175 | 23 | 500 | 500 | -- |
| SS-01 @ 0-0.25' (40.524655652 / -104.524318789) | 05/27/16 | 0-0.25 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.010 | <50 | <50 | 3.36 |
| SS-02 @ 0-0.25' (40.524581421 / -104.524514429) | 05/27/16 | 0-0.25 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.010 | <50 | <50 | 3.25 |
| SS-03 @ 0-0.25' (40.524557303 / -104.524208379) | 05/27/16 | 0-0.25 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.010 | <50 | <50 | 3.58 |
| SS-04 @ 0-0.25' (40.524416331 / -104.524577166) | 05/27/16 | 0-0.25 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.010 | <50 | <50 | 3.39 |
| SS-05 @ 0-0.25' (40.524373551 / -104.524140053) | 05/27/16 | 0-0.25 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.010 | <50 | <50 | 3.13 |
| SS-06 @ 0-0.25' (40.524121328 / -104.524655994) | 05/27/16 | 0-0.25 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.010 | <50 | <50 | 3.40 |
| SS-07 @ 0-0.25' (40.524029837 / -104.524465158) | 05/27/16 | 0-0.25 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.010 | <50 | <50 | 3.25 |
| SS-08 @ 0-0.25' (40.524106684 / -104.524223817) | 05/27/16 | 0-0.25 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.010 | <50 | <50 | 2.89 |
| SS-09 @ 0.5-1' (40.52437163 / -104.524406809) | 05/27/16 | 0.5-1 | 0.0042 | 0.028 | 0.018 | 0.20 | <0.010 | <50 | 210 | 3.71 |
| SS-10 @ 0.5-1' (40.524354038 / -104.52439872) | 05/27/16 | 0.5-1 | <0.0020 | 0.036 | 0.081 | 1.7 | 0.029 | 4800 | 1700 | 3.54 |
| SS-11 @ 0.5-1' (40.524368239 / -104.52436929) | 05/27/16 | 0.5-1 | 1.7 | 11 | 8.4 | 41 | 2.7 | 8000 | 6000 | 3.17 |
| SS-12 @ 0.25-0.5' (40.52446425 / -104.524477371) | 05/27/16 | 0.25-0.5 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.010 | <50 | <50 | 3.10 |
| SS-13 @ 0.25-0.5' (40.52450566 / -104.524259112) | 05/27/16 | 0.25-0.5 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.010 | <50 | <50 | 3.75 |
| SS-14 @ 0.25-0.5' (40.524259795 / -104.524524252) | 05/27/16 | 0.25-0.5 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.010 | <50 | <50 | 3.72 |
| SS-15 @ 0.25-0.5' (40.524150185 / -104.524444201) | 05/27/16 | 0.25-0.5 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.010 | <50 | <50 | 3.89 |



TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
DYER USX AB #35-13
WELL HEAD RELEASE
40.524370 / -104.524400
SW¼ SW¼ SEC.35 T7N R64W 6PM
WELD COUNTY, COLORADO
API #05-123-24547

| Sample Location (Latitude/Longitude) | Date | Approximate Depth (feet) | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Total Xylenes (mg/kg) | Naphthalene (mg/kg) | TPH- GRO (mg/kg) | TPH- DRO (mg/kg) | Arsenic (mg/kg) |
|--|----------|--------------------------------|--------------------|--------------------|-------------------------|-----------------------------|------------------------|------------------------|------------------------|--------------------|
| COGCC - Regulatory Limits (Table 910-1) (mg/kg) | | | 0.17 | 85 | 100 | 175 | 23 | 500 | 500 | -- |
| SS-16 @ 0.25-0.5' (40.524228199 / -104.524321038) | 05/27/16 | 0.25-0.5 | <0.0020 | 0.013 | 0.0070 | 0.051 | <0.010 | <50 | <50 | 4.17 |
| SS-20 @ 1.5' (40.524135621 / -104.524567358) | 06/06/16 | 1.5 | <0.0020 | 0.0052 | <0.0050 | 0.026 | 0.011 | <50 | <50 | 4.54 |
| SS-21 @ 1.5' (40.524165551 / -104.524528339) | 06/06/16 | 1.5 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.010 | <50 | <50 | 3.06 |
| SS-22 @ 1.5' (40.524174922 / -104.524465202) | 06/06/16 | 1.5 | <0.0020 | 0.0052 | <0.0050 | <0.010 | <0.010 | <50 | <50 | 3.84 |
| SS-26 @ 7.5' (40.524397 / -104.524381) | 06/06/16 | 7.5 | 0.34 | 0.58 | 0.27 | 0.69 | 0.19 | <50 | 550 | 1.99 |
| SS-27 @ 7.5' (40.524326 / -104.524404) | 06/06/16 | 7.5 | 25 | 56 | 34 | 51 | 13 | 3400 | 5600 | 3.78 |
| SS-28 @ 7.5' (40.524364 / -104.524341) | 06/06/16 | 7.5 | 0.19 | 0.50 | 0.21 | 0.80 | 0.14 | <50 | 250 | 3.58 |
| SS-29 @ 7.5' (40.524366 / -104.524442) | 06/06/16 | 7.5 | 0.62 | 4.0 | 0.43 | 1.5 | 0.73 | 150 | 710 | 2.96 |
| SS-30 @ 10' (40.524355 / -104.524397) | 06/06/16 | 10 | 0.022 | 0.18 | 0.062 | 0.41 | 0.048 | <50 | <50 | 29.7 |
| SS-31 @ 8' (40.524354273 / -104.524325052) | 06/07/16 | 8 | 0.0077 | 0.033 | 0.0089 | 0.051 | <0.010 | <50 | <50 | <0.241 |
| SS-34 @ 10' (40.524397 / -104.524381) | 06/07/16 | 10 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.010 | <50 | <50 | 0.611 |
| SS-35 @ 8' (40.524408584 / -104.524360563) | 06/07/16 | 8 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.010 | <50 | <50 | 0.269 |
| SS-36 @ 10' (40.524364 / -104.524341) | 06/07/16 | 10 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.010 | <50 | <50 | 0.267 |
| SS-37 @ 8' (40.524370 / -104.524459) | 06/07/16 | 8 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.010 | <50 | <50 | 0.429 |
| SS-38 @ 10' (40.524366 / -104.524442) | 06/07/16 | 10 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.010 | <50 | <50 | 5.39 |



TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
DYER USX AB #35-13
WELL HEAD RELEASE
40.524370 / -104.524400
SW¼ SW¼ SEC.35 T7N R64W 6PM
WELD COUNTY, COLORADO
API #05-123-24547

| Sample Location (Latitude/Longitude) | Date | Approximate Depth (feet) | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Total Xylenes (mg/kg) | Naphthalene (mg/kg) | TPH- GRO (mg/kg) | TPH- DRO (mg/kg) | Arsenic (mg/kg) |
|---|----------|--------------------------------|--------------------|--------------------|-------------------------|-----------------------------|------------------------|------------------------|------------------------|--------------------|
| COGCC - Regulatory Limits (Table 910-1) (mg/kg) | | | 0.17 | 85 | 100 | 175 | 23 | 500 | 500 | -- |
| SS-39 @ 8' (40.524313 / -104.524401) | 06/07/16 | 8 | 0.49 | 0.75 | 0.40 | 1.6 | 0.37 | 330 | 1000 | 0.860 |
| SS-40 @ 10' (40.524326 / -104.524404) | 06/07/16 | 10 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.010 | <50 | <50 | 1.41 |
| SS-41 @ 8' (40.524286697 / -104.524353132) | 06/08/16 | 8 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.010 | <50 | <50 | 1.59 |
| SS-44 @ 8' (40.524329036 / -104.524466299) | 06/08/16 | 8 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.010 | <50 | <50 | 1.44 |
| SS-45 @ 10' (40.524313 / -104.524401) | 06/08/16 | 10 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.010 | <50 | <50 | 21.2 |
| SS-46 @ 8.5' (40.524276305 / -104.524421913) | 06/08/16 | 8.5 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.010 | <50 | <50 | 1.67 |
| SS-47 @ 3' (40.524242554 / -104.524447249) | 06/08/16 | 3 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.010 | <50 | <50 | 2.07 |
| SS-48 @ 10' (40.524355 / -104.524397) | 06/08/16 | 10 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.010 | <50 | <50 | 22.2 |
| COGCC = Colorado Oil and Gas Conservation Commission mg/kg = milligrams per kilogram NA = Not Analyzed TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics Values presented in bold typeface exceed their respective COGCC - Guidelines (Table 910-1). Values presented with a "<" symbol indicate concentrations were not observed above the laboratories reporting limit. Note: Arsenic is a naturally occurring element in certain Colorado soils, and therefore, a regulatory limit cannot be applied. | | | | | | | | | | |



ATTACHMENT A

Laboratory Analytical Reports

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

May 31, 2016

Martin Eckert III
Eagle Environmental Consulting
4101 Inca Street
Denver, CO 80211
RE: Dyer USX AB #35-13

Enclosed are the results of analyses for samples received by Summit Scientific on 05/27/16 14:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, flowing script.

Paul Shrewsbury
President



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-------------------|---------------|--------|----------------|----------------|
| SS-01 @ 0-0.25' | 1605260-01 | Soil | 05/27/16 10:20 | 05/27/16 14:45 |
| SS-02 @ 0-0.25' | 1605260-02 | Soil | 05/27/16 10:30 | 05/27/16 14:45 |
| SS-03 @ 0-0.25' | 1605260-03 | Soil | 05/27/16 10:35 | 05/27/16 14:45 |
| SS-04 @ 0-0.25' | 1605260-04 | Soil | 05/27/16 10:45 | 05/27/16 14:45 |
| SS-05 @ 0-0.25' | 1605260-05 | Soil | 05/27/16 10:50 | 05/27/16 14:45 |
| SS-06 @ 0-0.25' | 1605260-06 | Soil | 05/27/16 10:55 | 05/27/16 14:45 |
| SS-07 @ 0-0.25' | 1605260-07 | Soil | 05/27/16 11:55 | 05/27/16 14:45 |
| SS-08 @ 0-0.25' | 1605260-08 | Soil | 05/27/16 11:05 | 05/27/16 14:45 |
| SS-09 @ 0.5-1' | 1605260-09 | Soil | 05/27/16 11:30 | 05/27/16 14:45 |
| SS-10 @ 0.5-1' | 1605260-10 | Soil | 05/27/16 11:35 | 05/27/16 14:45 |
| SS-11 @ 0.5-1' | 1605260-11 | Soil | 05/27/16 11:40 | 05/27/16 14:45 |
| SS-12 @ 0.25-0.5' | 1605260-12 | Soil | 05/27/16 11:45 | 05/27/16 14:45 |
| SS-13 @ 0.25-0.5' | 1605260-13 | Soil | 05/27/16 11:50 | 05/27/16 14:45 |
| SS-14 @ 0.25-0.5' | 1605260-14 | Soil | 05/27/16 11:55 | 05/27/16 14:45 |
| SS-15 @ 0.25-0.5' | 1605260-15 | Soil | 05/27/16 12:00 | 05/27/16 14:45 |
| SS-16 @ 0.25-0.5' | 1605260-16 | Soil | 05/27/16 12:05 | 05/27/16 14:45 |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

Summit Scientific

S₂

741 Corporate Circle, Suite J ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933

1605260.1

Page 1 of 2

Client: Eagle Environmental Consulting, Inc. Project Manager: Martin Eckert III
Address: 4101 Inca Street E-Mail: mce3@eagle-env.co.com
City/State/Zip: Denver, CO, 80211
Phone: 303-433-0479 Fax: Project Name: Dyer USX AB #35-13
Sampler Name: A. Newberry Project Number:

| ID | Sample Description | Date Sampled | Time Sampled | # of containers | Preservative | | | | Matrix | | Analysis Requested | | | | | Special Instructions |
|----|--------------------|--------------|--------------|-----------------|--------------|------------------|------|-----------------|-------------|------|--------------------|-----------------|---------|------------|----------|----------------------|
| | | | | | HCl | HNO ₃ | None | Other (Specify) | Groundwater | Soil | Air-Canister # | Other (Specify) | C, BTEX | As, Pb, Cu | TPH, DRB | |
| 1 | SS-01 @ 0-0.25' | 5/27/16 | 1020 | 2 | | | X | | | X | | X | X | X | | |
| 2 | SS-02 @ 0-0.25' | | 1030 | | | | | | | | | | | | | |
| 3 | SS-03 @ 0-0.25' | | 1035 | | | | | | | | | | | | | |
| 4 | SS-04 @ 0-0.25' | | 1045 | | | | | | | | | | | | | |
| 5 | SS-05 @ 0-0.25' | | 1050 | | | | | | | | | | | | | |
| 6 | SS-06 @ 0-0.25' | | 1055 | | | | | | | | | | | | | |
| 7 | SS-07 @ 0-0.25' | | 1106 | | | | | | | | | | | | | |
| 8 | SS-08 @ 0-0.25' | | 1105 | | | | | | | | | | | | | |
| 9 | SS-09 @ 0.5-1' | | 1130 | | | | | | | | | | | | | |
| 10 | SS-10 @ 0.5-1' | | 1135 | | | | | | | | | | | | | |

| | | | | | |
|-------------------------------------|--------------------------------|---------------------------------|---------------------------------|---|--------------------------------|
| Relinquished by: <u>[Signature]</u> | Date/Time: <u>5/27/16 1445</u> | Received by: <u>[Signature]</u> | Date/Time: <u>5/27/16 14:45</u> | Turn Around Time (Check) | Notes: |
| Relinquished by: <u>[Signature]</u> | Date/Time: <u>5/27/16 1720</u> | Received by: | Date/Time: | Same Day <u>X</u> 72 hours — | Ⓜ Noble Bill to Jacob Evans |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | 24 hours — Standard — | |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | 48 hours — | |
| Sample Integrity: | | | | Temperature Upon Receipt: <u>-3.4°C</u> | |
| Intact: <u>(Yes)</u> No | | | | | |

www.s2scientific.com



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

Summit Scientific

S₂

741 Corporate Circle, Suite J • Golden, Colorado 80401
303-277-9310 • 303-374-5933

1605260.2

Page 2 of 2

Client: Eagle Environmental Consulting Project Manager: Martin Eckert III
Address: 4101 Inca Street E-Mail: mce3@eagle-enviro.com
City/State/Zip: Denver, CO, 80211
Phone: 303-433-0479 Fax: Project Name: Dyer USX AB #35-13
Sampler Name: A. Newberry Project Number:

| ID | Sample Description | Date Sampled | Time Sampled | # of containers | Preservative | | | | Matrix | | Analysis Requested | | | | | Special Instructions |
|----|--------------------|--------------|--------------|-----------------|--------------|------------------|------|-----------------|-------------|------|--------------------|-----------------|---------|------|-----|----------------------|
| | | | | | HCl | HNO ₃ | None | Other (Specify) | Groundwater | Soil | Air-Canister # | Other (Specify) | B, BTEX | PAHs | TPH | |
| 1 | SS-11 @ 0.5-1' | 5/27/16 | 1140 | 2 | | | X | | | X | | X | X | X | | |
| 2 | SS-12 @ 0.25-0.5' | | 1145 | | | | | | | | | | | | | |
| 3 | SS-13 @ 0.25-0.5' | | 1150 | | | | | | | | | | | | | |
| 4 | SS-14 @ 0.25-0.5' | | 1155 | | | | | | | | | | | | | |
| 5 | SS-15 @ 0.25-0.5' | | 1200 | | | | | | | | | | | | | |
| 6 | SS-16 @ 0.25-0.5' | | 1205 | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | |

| | | | | | | |
|-------------------------------------|--------------------------------|---------------------------------|---------------------------------|--|----------|--|
| Relinquished by: <u>[Signature]</u> | Date/Time: <u>5/27/16 1445</u> | Received by: <u>[Signature]</u> | Date/Time: <u>5/27/16 14:45</u> | Turn Around Time (Check) Same Day <u>X</u> 72 hours 24 hours 48 hours | Standard | Notes: Ⓢ Noble Bill to Jacob Evans |
| Relinquished by: <u>[Signature]</u> | Date/Time: <u>5/27/16 1720</u> | Received by: | Date/Time: | Sample Integrity: Temperature Upon Receipt: <u>-3.4°C</u> | | |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | Intact: (Yes) No | | |

www.s2scientific.com

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-01 @ 0-0.25'
1605260-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: 05/27/16 10:20

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1605287 | 05/27/16 | 05/27/16 | 8015M | |

Date Sampled: 05/27/16 10:20

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 106 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 05/27/16 10:20

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1605286 | 05/27/16 | 05/27/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: 05/27/16 10:20

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 105 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 99.3 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 104 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: 05/27/16 10:20

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 3.36 | 0.231 | mg/kg dry | 1 | 1605283 | 05/27/16 | 05/31/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-01 @ 0-0.25'
1605260-01 (Soil)

Summit Scientific

Total Metals by EPA Method 6020 - Dry Weight Basis

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/27/16 10:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 86.7 | | % | 1 | 1605288 | 05/30/16 | 05/30/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-02 @ 0-0.25'
1605260-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/27/16 10:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1605287 | 05/27/16 | 05/27/16 | 8015M | |

Date Sampled: **05/27/16 10:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl | | 106 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 10:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1605286 | 05/27/16 | 05/27/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **05/27/16 10:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 109 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 97.0 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 102 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **05/27/16 10:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 3.25 | 0.235 | mg/kg dry | 1 | 1605283 | 05/27/16 | 05/31/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-02 @ 0-0.25'
1605260-02 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/27/16 10:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 85.2 | | % | 1 | 1605288 | 05/30/16 | 05/30/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-03 @ 0-0.25'
1605260-03 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/27/16 10:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1605287 | 05/27/16 | 05/27/16 | 8015M | |

Date Sampled: **05/27/16 10:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl | | 102 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 10:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1605286 | 05/27/16 | 05/27/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **05/27/16 10:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 107 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 96.2 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 105 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **05/27/16 10:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-------------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 3.58 | 0.236 | mg/kg dry | 1 | 1605283 | 05/27/16 | 05/31/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-03 @ 0-0.25'
1605260-03 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/27/16 10:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 84.9 | | % | 1 | 1605288 | 05/30/16 | 05/30/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-04 @ 0-0.25'
1605260-04 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/27/16 10:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1605287 | 05/27/16 | 05/27/16 | 8015M | |

Date Sampled: **05/27/16 10:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl | | 107 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 10:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1605286 | 05/27/16 | 05/27/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **05/27/16 10:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 105 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 96.5 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 104 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **05/27/16 10:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 3.39 | 0.232 | mg/kg dry | 1 | 1605283 | 05/27/16 | 05/31/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-04 @ 0-0.25'
1605260-04 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/27/16 10:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 86.3 | | % | 1 | 1605288 | 05/30/16 | 05/30/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-05 @ 0-0.25'
1605260-05 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/27/16 10:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1605287 | 05/27/16 | 05/28/16 | 8015M | |

Date Sampled: **05/27/16 10:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 107 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 10:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1605286 | 05/27/16 | 05/27/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **05/27/16 10:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 111 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 100 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 106 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **05/27/16 10:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 3.13 | 0.209 | mg/kg dry | 1 | 1605283 | 05/27/16 | 05/31/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-05 @ 0-0.25'
1605260-05 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/27/16 10:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 86.2 | | % | 1 | 1605288 | 05/30/16 | 05/30/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-06 @ 0-0.25'
1605260-06 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/27/16 10:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1605287 | 05/27/16 | 05/28/16 | 8015M | |

Date Sampled: **05/27/16 10:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 109 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 10:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1605286 | 05/27/16 | 05/27/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **05/27/16 10:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 109 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 98.1 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 105 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **05/27/16 10:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 3.40 | 0.236 | mg/kg dry | 1 | 1605283 | 05/27/16 | 05/31/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-06 @ 0-0.25'
1605260-06 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/27/16 10:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 84.7 | | % | 1 | 1605288 | 05/30/16 | 05/30/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-07 @ 0-0.25'
1605260-07 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/27/16 11:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1605287 | 05/27/16 | 05/28/16 | 8015M | |

Date Sampled: **05/27/16 11:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl | | 112 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 11:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1605286 | 05/27/16 | 05/28/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **05/27/16 11:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 106 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 98.3 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 105 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **05/27/16 11:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 3.25 | 0.236 | mg/kg dry | 1 | 1605283 | 05/27/16 | 05/31/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-07 @ 0-0.25'
1605260-07 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/27/16 11:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 84.7 | | % | 1 | 1605288 | 05/30/16 | 05/30/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-08 @ 0-0.25'
1605260-08 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/27/16 11:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1605287 | 05/27/16 | 05/28/16 | 8015M | |

Date Sampled: **05/27/16 11:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl | | 108 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 11:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1605286 | 05/27/16 | 05/28/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **05/27/16 11:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 108 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 99.3 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 105 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **05/27/16 11:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-------------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 2.89 | 0.207 | mg/kg dry | 1 | 1605283 | 05/27/16 | 05/31/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-08 @ 0-0.25'
1605260-08 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/27/16 11:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 85.3 | | % | 1 | 1605288 | 05/30/16 | 05/30/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-09 @ 0.5-1'
1605260-09 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/27/16 11:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|------------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | 210 | 50 | mg/kg | 1 | 1605287 | 05/27/16 | 05/28/16 | 8015M | |

Date Sampled: **05/27/16 11:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| <i>Surrogate: o-Terphenyl</i> | | 103 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 11:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|---------------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1605286 | 05/27/16 | 05/28/16 | EPA 8260B | |
| Benzene | 0.0042 | 0.0020 | " | " | " | " | " | " | |
| Toluene | 0.028 | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | 0.018 | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | 0.20 | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **05/27/16 11:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | | 112 % | 23-173 | | " | " | " | " | |
| <i>Surrogate: Toluene-d8</i> | | 101 % | 20-170 | | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 99.9 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **05/27/16 11:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------|-------------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 3.71 | 0.235 | mg/kg dry | 1 | 1605283 | 05/27/16 | 05/31/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-09 @ 0.5-1'
1605260-09 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/27/16 11:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 85.2 | | % | 1 | 1605288 | 05/30/16 | 05/30/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-10 @ 0.5-1'
1605260-10 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/27/16 11:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|-------------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | 1700 | 50 | mg/kg | 1 | 1605287 | 05/27/16 | 05/28/16 | 8015M | |

Date Sampled: **05/27/16 11:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| <i>Surrogate: o-Terphenyl</i> | | 113 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 11:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | 0.029 | 0.010 | mg/kg | 1 | 1605286 | 05/27/16 | 05/28/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | 0.036 | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | 0.081 | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | 1.7 | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | 4800 | 50 | " | 100 | " | " | " | " | |

Date Sampled: **05/27/16 11:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | | 95.4 % | 23-173 | | " | " | " | " | |
| <i>Surrogate: Toluene-d8</i> | | 104 % | 20-170 | | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 157 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **05/27/16 11:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------|-------------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 3.54 | 0.206 | mg/kg dry | 1 | 1605283 | 05/27/16 | 05/31/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-10 @ 0.5-1'
1605260-10 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/27/16 11:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 87.1 | | % | 1 | 1605288 | 05/30/16 | 05/30/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-11 @ 0.5-1'
1605260-11 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/27/16 11:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | 6000 | 50 | mg/kg | 1 | 1605287 | 05/27/16 | 05/28/16 | 8015M | |

Date Sampled: **05/27/16 11:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 63.2 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 11:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | 2.7 | 0.10 | mg/kg | 10 | 1605286 | 05/27/16 | 05/28/16 | EPA 8260B | |
| Benzene | 1.7 | 0.020 | " | " | " | " | " | " | |
| Toluene | 11 | 0.50 | " | 100 | " | " | " | " | |
| Ethylbenzene | 8.4 | 0.050 | " | 10 | " | " | " | " | |
| Xylenes (total) | 41 | 1.0 | " | 100 | " | " | " | " | |
| Gasoline Range Hydrocarbons | 8000 | 50 | " | " | " | " | " | " | |

Date Sampled: **05/27/16 11:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 85.6 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 128 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 103 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **05/27/16 11:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 3.17 | 0.207 | mg/kg dry | 1 | 1605283 | 05/27/16 | 05/31/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-11 @ 0.5-1'
1605260-11 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/27/16 11:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 87.3 | | % | 1 | 1605288 | 05/30/16 | 05/30/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-12 @ 0.25-0.5'
1605260-12 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/27/16 11:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1605287 | 05/27/16 | 05/28/16 | 8015M | |

Date Sampled: **05/27/16 11:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl | | 105 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 11:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1605286 | 05/27/16 | 05/29/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **05/27/16 11:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 110 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 96.3 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 103 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **05/27/16 11:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-------------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 3.10 | 0.215 | mg/kg dry | 1 | 1605283 | 05/27/16 | 05/31/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-12 @ 0.25-0.5'
1605260-12 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/27/16 11:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 81.5 | | % | 1 | 1605288 | 05/30/16 | 05/30/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-13 @ 0.25-0.5'
1605260-13 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/27/16 11:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1605287 | 05/27/16 | 05/28/16 | 8015M | |

Date Sampled: **05/27/16 11:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl | | 112 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 11:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1605286 | 05/27/16 | 05/29/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **05/27/16 11:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 111 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 96.7 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 106 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **05/27/16 11:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 3.75 | 0.238 | mg/kg dry | 1 | 1605283 | 05/27/16 | 05/31/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-13 @ 0.25-0.5'
1605260-13 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/27/16 11:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 84.0 | | % | 1 | 1605288 | 05/30/16 | 05/30/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-14 @ 0.25-0.5'
1605260-14 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/27/16 11:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1605287 | 05/27/16 | 05/28/16 | 8015M | |

Date Sampled: **05/27/16 11:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl | | 104 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 11:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1605286 | 05/27/16 | 05/29/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **05/27/16 11:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 104 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 96.9 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 104 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **05/27/16 11:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------|-------------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 3.72 | 0.207 | mg/kg dry | 1 | 1605283 | 05/27/16 | 05/31/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-14 @ 0.25-0.5'
1605260-14 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/27/16 11:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 83.1 | | % | 1 | 1605288 | 05/30/16 | 05/30/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-15 @ 0.25-0.5'
1605260-15 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/27/16 12:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1605287 | 05/27/16 | 05/28/16 | 8015M | |

Date Sampled: **05/27/16 12:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl | | 102 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 12:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1605286 | 05/27/16 | 05/29/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **05/27/16 12:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 110 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 98.8 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 106 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **05/27/16 12:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------|-------------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 3.89 | 0.208 | mg/kg dry | 1 | 1605283 | 05/27/16 | 05/31/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-15 @ 0.25-0.5'
1605260-15 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/27/16 12:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 84.1 | | % | 1 | 1605288 | 05/30/16 | 05/30/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-16 @ 0.25-0.5'
1605260-16 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/27/16 12:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1605287 | 05/27/16 | 05/28/16 | 8015M | |

Date Sampled: **05/27/16 12:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl | | 103 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 12:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|---------------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1605286 | 05/27/16 | 05/28/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | 0.013 | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | 0.0070 | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | 0.051 | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **05/27/16 12:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 106 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 97.9 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 98.6 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **05/27/16 12:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------|-------------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 4.17 | 0.208 | mg/kg dry | 1 | 1605283 | 05/27/16 | 05/31/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

SS-16 @ 0.25-0.5'
1605260-16 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/27/16 12:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 83.0 | | % | 1 | 1605288 | 05/30/16 | 05/30/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch 1605287 - EPA 3550A

Blank (1605287-BLK1)

Prepared & Analyzed: 05/27/16

| | | | | | | | | | | |
|------------------------|------|----|-------|------|--|-----|--------|--|--|--|
| C10-C28 (DRO) | ND | 50 | mg/kg | | | | | | | |
| Surrogate: o-Terphenyl | 13.4 | | " | 12.5 | | 107 | 30-150 | | | |

LCS (1605287-BS1)

Prepared & Analyzed: 05/27/16

| | | | | | | | | | | |
|------------------------|------|----|-------|------|--|-----|--------|--|--|--|
| C10-C28 (DRO) | 608 | 50 | mg/kg | 499 | | 122 | 73-134 | | | |
| Surrogate: o-Terphenyl | 12.9 | | " | 12.5 | | 103 | 30-150 | | | |

Matrix Spike (1605287-MS1)

Source: 1605260-01

Prepared & Analyzed: 05/27/16

| | | | | | | | | | | |
|------------------------|------|----|-------|------|----|-----|--------|--|--|--|
| C10-C28 (DRO) | 534 | 50 | mg/kg | 450 | ND | 119 | 50-148 | | | |
| Surrogate: o-Terphenyl | 12.0 | | " | 11.3 | | 106 | 30-150 | | | |

Matrix Spike Dup (1605287-MSD1)

Source: 1605260-01

Prepared & Analyzed: 05/27/16

| | | | | | | | | | | |
|------------------------|------|----|-------|------|----|-----|--------|------|----|--|
| C10-C28 (DRO) | 514 | 50 | mg/kg | 450 | ND | 114 | 50-148 | 3.81 | 13 | |
| Surrogate: o-Terphenyl | 12.4 | | " | 11.3 | | 109 | 30-150 | | | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch 1605286 - EPA 5030 Soil MS

Blank (1605286-BLK1)

Prepared & Analyzed: 05/27/16

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|--|
| Naphthalene | ND | 0.010 | mg/kg | | | | | | | |
| Benzene | ND | 0.0020 | " | | | | | | | |
| Toluene | ND | 0.0050 | " | | | | | | | |
| Ethylbenzene | ND | 0.0050 | " | | | | | | | |
| Xylenes (total) | ND | 0.010 | " | | | | | | | |
| Gasoline Range Hydrocarbons | ND | 0.50 | " | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0423 | | " | 0.0400 | | 106 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0392 | | " | 0.0400 | | 98.0 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0427 | | " | 0.0400 | | 107 | 21-167 | | | |

LCS (1605286-BS1)

Prepared & Analyzed: 05/27/16

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|-------|
| Naphthalene | ND | 0.010 | mg/kg | | | | 66-138 | | | |
| Benzene | 0.117 | 0.0020 | " | 0.100 | | 117 | 58-130 | | | |
| Toluene | 0.127 | 0.0050 | " | 0.100 | | 127 | 61-134 | | | |
| Ethylbenzene | 0.144 | 0.0050 | " | 0.0992 | | 145 | 74-139 | | | QM-07 |
| m,p-Xylene | 0.273 | 0.010 | " | 0.200 | | 137 | 73-137 | | | |
| o-Xylene | 0.130 | 0.0050 | " | 0.0980 | | 133 | 73-141 | | | |
| Xylenes (total) | 0.404 | 0.010 | " | | | | 0-200 | | | |
| Gasoline Range Hydrocarbons | 5.96 | 0.50 | " | | | | 30-150 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0412 | | " | 0.0400 | | 103 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0403 | | " | 0.0400 | | 101 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0396 | | " | 0.0400 | | 99.0 | 21-167 | | | |

Matrix Spike (1605286-MS1)

Source: 1605260-01

Prepared & Analyzed: 05/27/16

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|----|------|--------|--|--|--|
| Naphthalene | ND | 0.010 | mg/kg | | ND | | 10-158 | | | |
| Benzene | 0.109 | 0.0020 | " | 0.0898 | ND | 121 | 30-131 | | | |
| Toluene | 0.117 | 0.0050 | " | 0.0898 | ND | 130 | 30-134 | | | |
| Ethylbenzene | 0.135 | 0.0050 | " | 0.0890 | ND | 151 | 22-153 | | | |
| m,p-Xylene | 0.257 | 0.010 | " | 0.179 | ND | 143 | 10-159 | | | |
| o-Xylene | 0.125 | 0.0050 | " | 0.0880 | ND | 142 | 31-151 | | | |
| Xylenes (total) | 0.381 | 0.010 | " | | ND | | 30-160 | | | |
| Gasoline Range Hydrocarbons | 5.71 | 0.50 | " | | ND | | 30-160 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0379 | | " | 0.0359 | | 105 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0354 | | " | 0.0359 | | 98.6 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0358 | | " | 0.0359 | | 99.8 | 21-167 | | | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch 1605286 - EPA 5030 Soil MS

| Matrix Spike Dup (1605286-MSD1) | | Source: 1605260-01 | | | Prepared & Analyzed: 05/27/16 | | | | | |
|----------------------------------|--------|--------------------|-------|--------|-------------------------------|-----|--------|-------|----|-------|
| Naphthalene | ND | 0.010 | mg/kg | | ND | | 10-158 | | 42 | |
| Benzene | 0.110 | 0.0020 | " | 0.0876 | ND | 126 | 30-131 | 1.26 | 34 | |
| Toluene | 0.116 | 0.0050 | " | 0.0876 | ND | 133 | 30-134 | 0.657 | 30 | |
| Ethylbenzene | 0.134 | 0.0050 | " | 0.0869 | ND | 155 | 22-153 | 0.189 | 24 | QM-07 |
| m,p-Xylene | 0.256 | 0.010 | " | 0.175 | ND | 147 | 10-159 | 0.117 | 68 | |
| o-Xylene | 0.124 | 0.0050 | " | 0.0858 | ND | 144 | 31-151 | 0.750 | 38 | |
| Xylenes (total) | 0.380 | 0.010 | " | | ND | | 30-160 | 0.324 | 30 | |
| Gasoline Range Hydrocarbons | 5.64 | 0.50 | " | | ND | | 30-160 | 1.26 | 30 | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0385 | | " | 0.0350 | | 110 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0350 | | " | 0.0350 | | 100 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0358 | | " | 0.0350 | | 102 | 21-167 | | | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

Total Metals by EPA Method 6020 - Dry Weight Basis - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch 1605283 - EPA 3050B

| | | | | | | | | | | |
|--|------|-------|-----------|------|--|------|----------|------|----|--|
| Blank (1605283-BLK1) | | | | | Prepared: 05/27/16 Analyzed: 05/31/16 | | | | | |
| Arsenic | ND | 0.200 | mg/kg wet | | | | | | | |
| LCS (1605283-BS1) | | | | | Prepared: 05/27/16 Analyzed: 05/31/16 | | | | | |
| Arsenic | 51.9 | 0.200 | mg/kg wet | 52.8 | | 98.2 | 82.6-117 | | | |
| Duplicate (1605283-DUP1) | | | | | Source: 1605189-05 Prepared: 05/27/16 Analyzed: 05/31/16 | | | | | |
| Arsenic | 1.37 | 0.211 | mg/kg dry | | 1.53 | | | 10.6 | 20 | |
| Matrix Spike (1605283-MS1) | | | | | Source: 1605189-05 Prepared: 05/27/16 Analyzed: 05/31/16 | | | | | |
| Arsenic | 34.4 | 0.190 | mg/kg dry | 38.0 | 1.53 | 86.6 | 75-125 | | | |
| Matrix Spike Dup (1605283-MSD1) | | | | | Source: 1605189-05 Prepared: 05/27/16 Analyzed: 05/31/16 | | | | | |
| Arsenic | 34.0 | 0.187 | mg/kg dry | 37.4 | 1.53 | 87.0 | 75-125 | 1.11 | 25 | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch 1605288 - General Preparation

| Duplicate (1605288-DUP1) | | Source: 1605260-01 | | Prepared & Analyzed: 05/30/16 | |
|--------------------------|------|--------------------|---|-------------------------------|---------|
| % Solids | 94.7 | | % | 86.7 | 8.84 20 |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
05/31/16 08:57

Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

A handwritten signature in black ink, appearing to be 'M. Eckert'.

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

June 07, 2016

Martin Eckert III
Eagle Environmental Consulting
4101 Inca Street
Denver, CO 80211
RE: Dyer USX AB #35-13

Enclosed are the results of analyses for samples received by Summit Scientific on 06/06/16 18:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury
President



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/07/16 14:48

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| SS20@1.5' | 1606048-01 | Soil | 06/06/16 13:45 | 06/06/16 18:45 |
| SS21@1.5' | 1606048-02 | Soil | 06/06/16 13:50 | 06/06/16 18:45 |
| SS22@1.5' | 1606048-03 | Soil | 06/06/16 13:55 | 06/06/16 18:45 |
| SS26@7.5' | 1606048-04 | Soil | 06/06/16 15:35 | 06/06/16 18:45 |
| SS27@7.5' | 1606048-05 | Soil | 06/06/16 15:37 | 06/06/16 18:45 |
| SS28@7.5' | 1606048-06 | Soil | 06/06/16 15:40 | 06/06/16 18:45 |
| SS29@7.5' | 1606048-07 | Soil | 06/06/16 15:42 | 06/06/16 18:45 |
| SS30@10' | 1606048-08 | Soil | 06/06/16 15:45 | 06/06/16 18:45 |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/07/16 14:48

Summit Scientific 1606048

S₂

741 Corporate Circle, Suite J • Golden, Colorado 80401
303-277-9310 • 303-374-5933

Page 1 of 1

Client: Eagle Environmental Consulting, Inc. Project Manager: Martin Eckert III
Address: 4101 Inca Street E-Mail: mce3@eagle-env.com
City/State/Zip: Denver, CO, 80211
Phone: 303-433-0479 Fax: Project Name: Dyer USX AB #35-13
Sampler Name: A. Newberry Project Number: -

| ID | Sample Description | Date Sampled | Time Sampled | # of containers | Preservative | | | | Matrix | | | | Analysis Requested | | | | | | Special Instructions | |
|----|--------------------|--------------|--------------|-----------------|--------------|------------------|------|-----------------|-------------|------|----------------|-----------------|--------------------|------|-----|-------------|------|-----|----------------------|-------------|
| | | | | | HCl | HNO ₃ | None | Other (Specify) | Groundwater | Soil | Air-Canister # | Other (Specify) | BTEX | B200 | GRO | Asphaltenes | B200 | DRO | | Asphaltenes |
| 1 | SS-20 @ 1.5' | 6/6/16 | 1345 | 2 | | | X | | | X | | | | X | X | X | X | X | | |
| 2 | SS-21 @ 1.5' | | 1350 | | | | | | | | | | | | | | | | | |
| 3 | SS-22 @ 1.5' | | 1355 | | | | | | | | | | | | | | | | | |
| 4 | SS-26 @ 7.5' | | 1535 | | | | | | | | | | | | | | | | | |
| 5 | SS-27 @ 7.5' | | 1537 | | | | | | | | | | | | | | | | | |
| 6 | SS-28 @ 7.5' | | 1540 | | | | | | | | | | | | | | | | | |
| 7 | SS-29 @ 7.5' | | 1542 | | | | | | | | | | | | | | | | | |
| 8 | SS-30 @ 10' | | 1545 | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | |

| | | | | | |
|-----------------------------------|--------------------------------|-------------------------------------|-------------------------|--|--|
| Relinquished by: <u>Ad N</u> | Date/Time: <u>6/6/16 16:45</u> | Received by: <u>AS 6-6-16 16:45</u> | Date/Time: <u>16:45</u> | Turn Around Time (Check) | Notes: |
| Relinquished by: <u>AS 6-6-16</u> | Date/Time: <u>18:45</u> | Received by: <u>AS 6-6-16 18:45</u> | Date/Time: <u>18:45</u> | Same Day <input checked="" type="checkbox"/> 72 hours <input type="checkbox"/> 24 hours <input type="checkbox"/> Standard <input type="checkbox"/> 48 hours <input type="checkbox"/> | <input checked="" type="checkbox"/> Noble <input checked="" type="checkbox"/> Bill to level <input checked="" type="checkbox"/> Results reported @ earliest available 6/7/16 AM Thanks |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | Sample Integrity: <u>6.2</u> Temperature Upon Receipt: <u>6.2</u> Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |

www.s2scientific.com

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/07/16 14:48

Sample Receipt Checklist

S2 Work Order: 1606048

Client: Eagle Env. Client Project ID: Dyer USX AB #35-13

Shipped Via: H.D. onice

Airbill #: _____

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Matrix (check all that apply): Air X Soil/Solid Water Other: _____
(Describe)

| | | | | | |
|-----------|------------|--|--|--|--|
| Cooler ID | | | | | |
| Temp (°C) | <u>6.2</u> | | | | |

Thermometer ID: 61857155-K

| | Yes | No | N/A | Comments (if any) |
|---|-----|----|-----|-------------------|
| If samples require cooling, was the temperature just above 0°C to ≤ 6°C ⁽¹⁾ ? | | | X | |
| NOTE: If samples are delivered the same day of sampling, this requirement is waived provided that there is evidence that cooling has begun. | | | | |
| Were all samples received intact ⁽¹⁾ ? | X | | | |
| Was adequate sample volume provided ⁽¹⁾ ? | X | | | |
| If custody seals are present, are they intact ⁽¹⁾ ? | | | X | |
| Are short holding time analytes or samples with HTs due within 48 hours present? | X | | | |
| Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ? | X | | | |
| Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ? | X | | | |
| Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ? | X | | | |
| Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ? | X | | | |
| For volatiles in water – is there headspace present? If yes, contact client and note in narrative. | | | X | |
| Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ? | | | X | |
| Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect | | | | |
| If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? | | | X | |
| Record the pH in Comments. | | | | |
| If dissolved metals are requested, were samples field filtered? | | | X | |
| Additional Comments (if any): | | | | |
| | | | | |
| ⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative. | | | | |

Muri Premer
Custodian Printed Name

MSD 6-6-16
Signature or Initials of Custodian

18:45
Date/Time



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/07/16 14:48

SS20@1.5'
1606048-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: 06/06/16 13:45

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1606048 | 06/06/16 | 06/06/16 | 8015M | |

Date Sampled: 06/06/16 13:45

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 116 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 06/06/16 13:45

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | 0.011 | 0.010 | mg/kg | 1 | 1606045 | " | 06/06/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | 0.0052 | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | 0.026 | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: 06/06/16 13:45

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 102 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 101 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: 06/06/16 13:45

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 4.54 | 0.223 | mg/kg dry | 1 | 1606052 | 06/07/16 | 06/07/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/07/16 14:48

SS20@1.5'
1606048-01 (Soil)

Summit Scientific

Total Metals by EPA Method 6020 - Dry Weight Basis

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/06/16 13:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 89.5 | | % | 1 | 1606057 | 06/07/16 | 06/07/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/07/16 14:48

SS21@1.5'
1606048-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/06/16 13:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1606048 | 06/06/16 | 06/06/16 | 8015M | |

Date Sampled: **06/06/16 13:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl | | 113 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/06/16 13:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1606045 | " | 06/06/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **06/06/16 13:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 97.3 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 102 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 99.0 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **06/06/16 13:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 3.06 | 0.236 | mg/kg dry | 1 | 1606052 | 06/07/16 | 06/07/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/07/16 14:48

SS21@1.5'
1606048-02 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/06/16 13:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 84.8 | | % | 1 | 1606057 | 06/07/16 | 06/07/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/07/16 14:48

SS22@1.5'
1606048-03 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/06/16 13:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1606048 | 06/06/16 | 06/06/16 | 8015M | |

Date Sampled: **06/06/16 13:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl | | 113 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/06/16 13:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|---------------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1606045 | " | 06/06/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | 0.0052 | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **06/06/16 13:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 97.1 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 101 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 93.2 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **06/06/16 13:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------|-------------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 3.84 | 0.224 | mg/kg dry | 1 | 1606052 | 06/07/16 | 06/07/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/07/16 14:48

SS22@1.5'
1606048-03 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/06/16 13:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 89.2 | | % | 1 | 1606057 | 06/07/16 | 06/07/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/07/16 14:48

SS26@7.5'
1606048-04 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: 06/06/16 15:35

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | 550 | 50 | mg/kg | 1 | 1606048 | 06/06/16 | 06/06/16 | 8015M | |

Date Sampled: 06/06/16 15:35

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 101 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 06/06/16 15:35

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | 0.19 | 0.010 | mg/kg | 1 | 1606045 | " | 06/07/16 | EPA 8260B | |
| Benzene | 0.34 | 0.0020 | " | " | " | " | " | " | |
| Toluene | 0.58 | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | 0.27 | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | 0.69 | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: 06/06/16 15:35

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 117 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 97.6 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 113 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: 06/06/16 15:35

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 1.99 | 0.222 | mg/kg dry | 1 | 1606052 | 06/07/16 | 06/07/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/07/16 14:48

SS26@7.5'
1606048-04 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/06/16 15:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 80.9 | | % | 1 | 1606057 | 06/07/16 | 06/07/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/07/16 14:48

SS27@7.5'
1606048-05 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: 06/06/16 15:37

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | 5600 | 50 | mg/kg | 1 | 1606048 | 06/06/16 | 06/06/16 | 8015M | |

Date Sampled: 06/06/16 15:37

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 98.9 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 06/06/16 15:37

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | 13 | 1.0 | mg/kg | 100 | 1606045 | " | 06/06/16 | EPA 8260B | |
| Benzene | 25 | 0.20 | " | " | " | " | " | " | |
| Toluene | 56 | 0.50 | " | " | " | " | " | " | |
| Ethylbenzene | 34 | 0.50 | " | " | " | " | " | " | |
| Xylenes (total) | 51 | 1.0 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | 3400 | 50 | " | " | " | " | " | " | |

Date Sampled: 06/06/16 15:37

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 110 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 95.2 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 134 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: 06/06/16 15:37

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 3.78 | 0.255 | mg/kg dry | 1 | 1606052 | 06/07/16 | 06/07/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/07/16 14:48

SS27@7.5'
1606048-05 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/06/16 15:37**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 78.5 | | % | 1 | 1606057 | 06/07/16 | 06/07/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/07/16 14:48

SS28@7.5'
1606048-06 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/06/16 15:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | 250 | 50 | mg/kg | 1 | 1606048 | 06/06/16 | 06/06/16 | 8015M | |

Date Sampled: **06/06/16 15:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 108 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/06/16 15:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | 0.14 | 0.010 | mg/kg | 1 | 1606045 | " | 06/07/16 | EPA 8260B | |
| Benzene | 0.19 | 0.0020 | " | " | " | " | " | " | |
| Toluene | 0.50 | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | 0.21 | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | 0.80 | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **06/06/16 15:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 113 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 96.6 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 117 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **06/06/16 15:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 3.58 | 0.219 | mg/kg dry | 1 | 1606052 | 06/07/16 | 06/07/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/07/16 14:48

SS28@7.5'
1606048-06 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/06/16 15:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 79.4 | | % | 1 | 1606057 | 06/07/16 | 06/07/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/07/16 14:48

SS29@7.5'
1606048-07 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: 06/06/16 15:42

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | 710 | 50 | mg/kg | 1 | 1606048 | 06/06/16 | 06/06/16 | 8015M | |

Date Sampled: 06/06/16 15:42

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 110 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 06/06/16 15:42

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | 0.73 | 0.10 | mg/kg | 10 | 1606045 | " | 06/07/16 | EPA 8260B | |
| Benzene | 0.62 | 0.0020 | " | 1 | " | " | " | " | |
| Toluene | 4.0 | 0.050 | " | 10 | " | " | 06/06/16 | " | |
| Ethylbenzene | 0.43 | 0.0050 | " | 1 | " | " | 06/07/16 | " | |
| Xylenes (total) | 1.5 | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | 150 | 50 | " | 10 | " | " | 06/06/16 | " | |

Date Sampled: 06/06/16 15:42

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 133 % | 23-173 | | " | " | 06/07/16 | " | |
| Surrogate: Toluene-d8 | | 101 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 98.8 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: 06/06/16 15:42

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 2.96 | 0.248 | mg/kg dry | 1 | 1606052 | 06/07/16 | 06/07/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/07/16 14:48

SS29@7.5'
1606048-07 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/06/16 15:42**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 80.5 | | % | 1 | 1606057 | 06/07/16 | 06/07/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/07/16 14:48

SS30@10'
1606048-08 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: 06/06/16 15:45

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1606048 | 06/06/16 | 06/06/16 | 8015M | |

Date Sampled: 06/06/16 15:45

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 111 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 06/06/16 15:45

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | 0.048 | 0.010 | mg/kg | 1 | 1606045 | " | 06/06/16 | EPA 8260B | |
| Benzene | 0.022 | 0.0020 | " | " | " | " | " | " | |
| Toluene | 0.18 | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | 0.062 | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | 0.41 | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: 06/06/16 15:45

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 107 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 100 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 104 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: 06/06/16 15:45

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 29.7 | 0.217 | mg/kg dry | 1 | 1606052 | 06/07/16 | 06/07/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/07/16 14:48

SS30@10'
1606048-08 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/06/16 15:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 82.8 | | % | 1 | 1606057 | 06/07/16 | 06/07/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/07/16 14:48

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch 1606048 - EPA 3550A

Blank (1606048-BLK1)

Prepared & Analyzed: 06/06/16

| | | | | | | | | | | |
|------------------------|------|----|-------|------|--|-----|--------|--|--|--|
| C10-C28 (DRO) | ND | 50 | mg/kg | | | | | | | |
| Surrogate: o-Terphenyl | 14.5 | | " | 12.5 | | 116 | 30-150 | | | |

LCS (1606048-BS1)

Prepared & Analyzed: 06/06/16

| | | | | | | | | | | |
|------------------------|------|----|-------|------|--|------|--------|--|--|--|
| C10-C28 (DRO) | 609 | 50 | mg/kg | 499 | | 122 | 73-134 | | | |
| Surrogate: o-Terphenyl | 5.37 | | " | 12.5 | | 43.0 | 30-150 | | | |

Matrix Spike (1606048-MS1)

Source: 1606038-02

Prepared & Analyzed: 06/06/16

| | | | | | | | | | | |
|------------------------|------|----|-------|------|------|-----|--------|--|--|--|
| C10-C28 (DRO) | 646 | 50 | mg/kg | 476 | 51.4 | 125 | 50-148 | | | |
| Surrogate: o-Terphenyl | 15.3 | | " | 11.9 | | 128 | 30-150 | | | |

Matrix Spike Dup (1606048-MSD1)

Source: 1606038-02

Prepared & Analyzed: 06/06/16

| | | | | | | | | | | |
|------------------------|------|----|-------|------|------|-----|--------|------|----|--|
| C10-C28 (DRO) | 674 | 50 | mg/kg | 481 | 51.4 | 130 | 50-148 | 4.24 | 13 | |
| Surrogate: o-Terphenyl | 15.5 | | " | 12.0 | | 129 | 30-150 | | | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/07/16 14:48

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch 1606045 - EPA 5030 Soil MS

Blank (1606045-BLK1)

Prepared & Analyzed: 06/06/16

| | | | | | | | | | | |
|---|---------------|--------|----------|---------------|--|-------------|---------------|--|--|--|
| Naphthalene | ND | 0.010 | mg/kg | | | | | | | |
| Benzene | ND | 0.0020 | " | | | | | | | |
| Toluene | ND | 0.0050 | " | | | | | | | |
| Ethylbenzene | ND | 0.0050 | " | | | | | | | |
| Xylenes (total) | ND | 0.010 | " | | | | | | | |
| Gasoline Range Hydrocarbons | ND | 0.50 | " | | | | | | | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | <i>0.0364</i> | | <i>"</i> | <i>0.0400</i> | | <i>91.1</i> | <i>23-173</i> | | | |
| <i>Surrogate: Toluene-d8</i> | <i>0.0405</i> | | <i>"</i> | <i>0.0400</i> | | <i>101</i> | <i>20-170</i> | | | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | <i>0.0384</i> | | <i>"</i> | <i>0.0400</i> | | <i>96.1</i> | <i>21-167</i> | | | |

LCS (1606045-BS1)

Prepared & Analyzed: 06/06/16

| | | | | | | | | | | |
|---|---------------|--------|----------|---------------|--|-------------|---------------|--|--|--|
| Naphthalene | ND | 0.010 | mg/kg | | | | 66-138 | | | |
| Benzene | 0.101 | 0.0020 | " | 0.100 | | 101 | 58-130 | | | |
| Toluene | 0.114 | 0.0050 | " | 0.100 | | 114 | 61-134 | | | |
| Ethylbenzene | 0.121 | 0.0050 | " | 0.0992 | | 122 | 74-139 | | | |
| m,p-Xylene | 0.244 | 0.010 | " | 0.200 | | 122 | 73-137 | | | |
| o-Xylene | 0.112 | 0.0050 | " | 0.0980 | | 115 | 73-141 | | | |
| Xylenes (total) | 0.356 | 0.010 | " | | | | 0-200 | | | |
| Gasoline Range Hydrocarbons | 1.85 | 0.50 | " | | | | 30-150 | | | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | <i>0.0376</i> | | <i>"</i> | <i>0.0400</i> | | <i>94.0</i> | <i>23-173</i> | | | |
| <i>Surrogate: Toluene-d8</i> | <i>0.0403</i> | | <i>"</i> | <i>0.0400</i> | | <i>101</i> | <i>20-170</i> | | | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | <i>0.0385</i> | | <i>"</i> | <i>0.0400</i> | | <i>96.3</i> | <i>21-167</i> | | | |

Matrix Spike (1606045-MS1)

Source: 1606038-02

Prepared & Analyzed: 06/06/16

| | | | | | | | | | | |
|---|---------------|--------|----------|---------------|----|-------------|---------------|--|--|--|
| Naphthalene | ND | 0.010 | mg/kg | | ND | | 10-158 | | | |
| Benzene | 0.0929 | 0.0020 | " | 0.0917 | ND | 101 | 30-131 | | | |
| Toluene | 0.106 | 0.0050 | " | 0.0917 | ND | 115 | 30-134 | | | |
| Ethylbenzene | 0.109 | 0.0050 | " | 0.0910 | ND | 119 | 22-153 | | | |
| m,p-Xylene | 0.223 | 0.010 | " | 0.183 | ND | 122 | 10-159 | | | |
| o-Xylene | 0.104 | 0.0050 | " | 0.0899 | ND | 115 | 31-151 | | | |
| Xylenes (total) | 0.326 | 0.010 | " | | ND | | 30-160 | | | |
| Gasoline Range Hydrocarbons | 1.71 | 0.50 | " | | ND | | 30-160 | | | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | <i>0.0388</i> | | <i>"</i> | <i>0.0367</i> | | <i>106</i> | <i>23-173</i> | | | |
| <i>Surrogate: Toluene-d8</i> | <i>0.0367</i> | | <i>"</i> | <i>0.0367</i> | | <i>99.9</i> | <i>20-170</i> | | | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | <i>0.0359</i> | | <i>"</i> | <i>0.0367</i> | | <i>98.0</i> | <i>21-167</i> | | | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/07/16 14:48

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch 1606045 - EPA 5030 Soil MS

| Matrix Spike Dup (1606045-MSD1) | | Source: 1606038-02 | | | Prepared & Analyzed: 06/06/16 | | | | | |
|----------------------------------|--------|--------------------|-------|--------|-------------------------------|------|--------|------|----|--|
| Naphthalene | ND | 0.010 | mg/kg | | ND | | 10-158 | | 42 | |
| Benzene | 0.0987 | 0.0020 | " | 0.0965 | ND | 102 | 30-131 | 6.02 | 34 | |
| Toluene | 0.111 | 0.0050 | " | 0.0965 | ND | 114 | 30-134 | 4.56 | 30 | |
| Ethylbenzene | 0.115 | 0.0050 | " | 0.0958 | ND | 120 | 22-153 | 6.09 | 24 | |
| m,p-Xylene | 0.234 | 0.010 | " | 0.193 | ND | 121 | 10-159 | 4.83 | 68 | |
| o-Xylene | 0.109 | 0.0050 | " | 0.0946 | ND | 116 | 31-151 | 5.40 | 38 | |
| Xylenes (total) | 0.343 | 0.010 | " | | ND | | 30-160 | 5.01 | 30 | |
| Gasoline Range Hydrocarbons | 1.76 | 0.50 | " | | ND | | 30-160 | 2.70 | 30 | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0394 | | " | 0.0386 | | 102 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0390 | | " | 0.0386 | | 101 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0380 | | " | 0.0386 | | 98.4 | 21-167 | | | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/07/16 14:48

Total Metals by EPA Method 6020 - Dry Weight Basis - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch 1606052 - EPA 3050B

Blank (1606052-BLK1)

Prepared & Analyzed: 06/07/16

Arsenic ND 0.200 mg/kg wet

LCS (1606052-BS1)

Prepared & Analyzed: 06/07/16

Arsenic 136 0.500 mg/kg wet 132 103 82.6-117

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/07/16 14:48

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch 1606057 - General Preparation

Duplicate (1606057-DUP1)

Source: 1606048-01

Prepared & Analyzed: 06/07/16

| | | | | | | | |
|----------|------|---|--|------|--|-------|----|
| % Solids | 89.9 | % | | 89.5 | | 0.442 | 20 |
|----------|------|---|--|------|--|-------|----|

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/07/16 14:48

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

Summit Scientific

A handwritten signature in black ink, appearing to be 'MSM'.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

June 08, 2016

Martin Eckert III
Eagle Environmental Consulting
4101 Inca Street
Denver, CO 80211
RE: Dyer USX AB #35-13

Enclosed are the results of analyses for samples received by Summit Scientific on 06/07/16 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury
President



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/08/16 14:27

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| SS-31@8' | 1606064-01 | Soil | 06/07/16 12:30 | 06/07/16 16:30 |
| SS-34@10' | 1606064-02 | Soil | 06/07/16 12:40 | 06/07/16 16:30 |
| SS-35@8' | 1606064-03 | Soil | 06/07/16 13:20 | 06/07/16 16:30 |
| SS-36@10' | 1606064-04 | Soil | 06/07/16 13:25 | 06/07/16 16:30 |
| SS-37@8' | 1606064-05 | Soil | 06/07/16 13:45 | 06/07/16 16:30 |
| SS-38@10' | 1606064-06 | Soil | 06/07/16 14:00 | 06/07/16 16:30 |
| SS-39@8' | 1606064-07 | Soil | 06/07/16 15:15 | 06/07/16 16:30 |
| SS-40@10' | 1606064-08 | Soil | 06/07/16 15:20 | 06/07/16 16:30 |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/08/16 14:27

Summit Scientific *16080804*

S₂

741 Corporate Circle, Suite J ♦ Golden, Colorado 80701
303-277-9310 ♦ 303-374-5933

Page 1 of 1

Client: *Eagle Environmental Consulting, Inc.* Project Manager: *Martin Eckert III*
Address: *4101 Inca Street* E-Mail: *mce3@eagle-enviro.com*
City/State/Zip: *Denver, CO, 80211*
Phone: *303-433-0479* Fax: Project Name: *Dyer USX AB #35-13*
Sampler Name: *A. Newberry* Project Number: *—*

| ID | Sample Description | Date Sampled | Time Sampled | # of containers | Preservative | | | | Matrix | | | Analysis Requested | | | | | | Special Instructions |
|----|--------------------|--------------|--------------|-----------------|--------------|------------------|------|-----------------|-------------|------|----------------|--------------------|------|-----|-------------|-----|--------|----------------------|
| | | | | | HCl | HNO ₃ | None | Other (Specify) | Groundwater | Soil | Air-Canister # | Other (Specify) | BTEX | GRU | Naphthalene | DRO | Asxinc | |
| 1 | SS-31 @ 8' | 6/7/16 | 1230 | 2 | | | X | | | X | | | X | X | X | X | X | |
| 2 | SS-34 @ 10' | | 1240 | | | | | | | | | | | | | | | |
| 3 | SS-35 @ 8' | | 1320 | | | | | | | | | | | | | | | |
| 4 | SS-36 @ 10' | | 1325 | | | | | | | | | | | | | | | |
| 5 | SS-37 @ 8' | | 1345 | | | | | | | | | | | | | | | |
| 6 | SS-38 @ 10' | | 1400 | | | | | | | | | | | | | | | |
| 7 | SS-39 @ 8' | | 1515 | | | | | | | | | | | | | | | |
| 8 | SS-40 @ 10' | | 1520 | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| | | | | | |
|--------------------------------|-------------------------------|------------------------|--------------------------------|---|---|
| Relinquished by: <i>And NY</i> | Date/Time: <i>6/7/16 1630</i> | Received by: <i>NA</i> | Date/Time: <i>6-7-16 16:30</i> | Turn Around Time (Check) | Notes: |
| Relinquished by: <i>6-7-16</i> | Date/Time: <i>1920</i> | Received by: | Date/Time: | Same Day <input checked="" type="checkbox"/> 72 hours — | ⓧ Noble |
| | | | | 24 hours — Standard — | ⓧ Bill to Raul |
| | | | | 48 hours — | |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | Sample Integrity: | ⓧ Results report earliest possible 6/8/16 |
| | | | | Temperature Upon Receipt: <i>8.8</i> | <i>Thanks</i> |
| | | | | Intact: <input checked="" type="checkbox"/> Yes No | |

www.s2scientific.com

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/08/16 14:27

Sample Receipt Checklist

S2 Work Order: 1606064

Client: Eagle Env. Client Project ID: Dyer USX AB #35-13

Shipped Via: H.D. on ice

Airbill #: _____

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Matrix (check all that apply): Air X Soil/Solid Water Other: _____
(Describe)

| | | | | | |
|-----------|------------|--|--|--|--|
| Cooler ID | | | | | |
| Temp (°C) | <u>8.8</u> | | | | |

Thermometer ID: 61857155-K

| | Yes | No | N/A | Comments (if any) |
|---|-----|----|-----|-------------------|
| If samples require cooling, was the temperature just above 0°C to ≤ 6°C ⁽¹⁾ ? | | | X | |
| NOTE: If samples are delivered the same day of sampling, this requirement is waived provided that there is evidence that cooling has begun. | | | | |
| Were all samples received intact ⁽¹⁾ ? | X | | | |
| Was adequate sample volume provided ⁽¹⁾ ? | X | | | |
| If custody seals are present, are they intact ⁽¹⁾ ? | | | X | |
| Are short holding time analytes or samples with HTs due within 48 hours present? | X | | | |
| Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ? | X | | | |
| Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ? | X | | | |
| Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ? | X | | | |
| Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ? | X | | | |
| For volatiles in water – is there headspace present? If yes, contact client and note in narrative. | | | X | |
| Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ? | | | X | |
| Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect | | | | |
| If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? | | | X | |
| Record the pH in Comments. | | | | |
| If dissolved metals are requested, were samples field filtered? | | | X | |
| Additional Comments (if any): | | | | |
| | | | | |
| ⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative. | | | | |

Muri Premier
Custodian Printed Name

ME 6-7-16
Signature or Initials of Custodian

19:25
Date/Time



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/08/16 14:27

SS-31@8'
1606064-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/07/16 12:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1606068 | 06/07/16 | 06/07/16 | 8015M | |

Date Sampled: **06/07/16 12:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 94.8 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/07/16 12:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|---------------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1606067 | 06/07/16 | 06/07/16 | EPA 8260B | |
| Benzene | 0.0077 | 0.0020 | " | " | " | " | " | " | |
| Toluene | 0.033 | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | 0.0089 | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | 0.051 | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **06/07/16 12:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 106 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 98.6 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 97.2 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **06/07/16 12:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | ND | 0.241 | mg/kg dry | 1 | 1606063 | 06/07/16 | 06/08/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/08/16 14:27

SS-31@8'
1606064-01 (Soil)

Summit Scientific

Total Metals by EPA Method 6020 - Dry Weight Basis

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/07/16 12:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 83.1 | | % | 1 | 1606078 | 06/08/16 | 06/08/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/08/16 14:27

SS-34@10'
1606064-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/07/16 12:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1606068 | 06/07/16 | 06/07/16 | 8015M | |

Date Sampled: **06/07/16 12:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 106 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/07/16 12:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1606067 | 06/07/16 | 06/07/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **06/07/16 12:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 105 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 97.9 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 103 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **06/07/16 12:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 0.611 | 0.238 | mg/kg dry | 1 | 1606063 | 06/07/16 | 06/08/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/08/16 14:27

SS-34@10'
1606064-02 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/07/16 12:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 83.9 | | % | 1 | 1606078 | 06/08/16 | 06/08/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/08/16 14:27

SS-35@8'
1606064-03 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/07/16 13:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1606068 | 06/07/16 | 06/07/16 | 8015M | |

Date Sampled: **06/07/16 13:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl | | 103 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/07/16 13:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1606067 | 06/07/16 | 06/07/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **06/07/16 13:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 106 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 98.4 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 105 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **06/07/16 13:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 0.269 | 0.246 | mg/kg dry | 1 | 1606063 | 06/07/16 | 06/08/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/08/16 14:27

SS-35@8'
1606064-03 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/07/16 13:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 81.3 | | % | 1 | 1606078 | 06/08/16 | 06/08/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/08/16 14:27

SS-36@10'
1606064-04 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: 06/07/16 13:25

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1606068 | 06/07/16 | 06/07/16 | 8015M | |

Date Sampled: 06/07/16 13:25

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 105 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 06/07/16 13:25

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1606067 | 06/07/16 | 06/07/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: 06/07/16 13:25

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 103 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 97.4 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 103 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: 06/07/16 13:25

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 0.267 | 0.203 | mg/kg dry | 1 | 1606063 | 06/07/16 | 06/08/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/08/16 14:27

SS-36@10'
1606064-04 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/07/16 13:25**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 83.5 | | % | 1 | 1606078 | 06/08/16 | 06/08/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/08/16 14:27

SS-37@8'
1606064-05 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/07/16 13:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1606068 | 06/07/16 | 06/07/16 | 8015M | |

Date Sampled: **06/07/16 13:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl | | 106 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/07/16 13:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1606067 | 06/07/16 | 06/07/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **06/07/16 13:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 108 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 99.4 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 103 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **06/07/16 13:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------|--------------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 0.429 | 0.213 | mg/kg dry | 1 | 1606063 | 06/07/16 | 06/08/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/08/16 14:27

SS-37@8'
1606064-05 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/07/16 13:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 82.4 | | % | 1 | 1606078 | 06/08/16 | 06/08/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/08/16 14:27

SS-38@10'
1606064-06 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/07/16 14:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1606068 | 06/07/16 | 06/07/16 | 8015M | |

Date Sampled: **06/07/16 14:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl | | 103 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/07/16 14:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1606067 | 06/07/16 | 06/07/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **06/07/16 14:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 107 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 99.6 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 104 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **06/07/16 14:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 5.39 | 0.239 | mg/kg dry | 1 | 1606063 | 06/07/16 | 06/08/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/08/16 14:27

SS-38@10'
1606064-06 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/07/16 14:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 83.7 | | % | 1 | 1606078 | 06/08/16 | 06/08/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/08/16 14:27

SS-39@8'
1606064-07 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/07/16 15:15**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|-------------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | 1000 | 50 | mg/kg | 1 | 1606068 | 06/07/16 | 06/07/16 | 8015M | |

Date Sampled: **06/07/16 15:15**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| <i>Surrogate: o-Terphenyl</i> | | 97.7 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/07/16 15:15**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|-------------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | 0.37 | 0.10 | mg/kg | 10 | 1606067 | 06/07/16 | 06/08/16 | EPA 8260B | |
| Benzene | 0.49 | 0.0020 | " | 1 | " | " | " | " | |
| Toluene | 0.75 | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | 0.40 | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | 1.6 | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | 330 | 50 | " | 10 | " | " | 06/08/16 | " | |

Date Sampled: **06/07/16 15:15**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | | 105 % | 23-173 | | " | " | 06/08/16 | " | |
| <i>Surrogate: Toluene-d8</i> | | 93.4 % | 20-170 | | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 24.1 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **06/07/16 15:15**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------|--------------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 0.860 | 0.228 | mg/kg dry | 1 | 1606063 | 06/07/16 | 06/08/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/08/16 14:27

SS-39@8'
1606064-07 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/07/16 15:15**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 87.9 | | % | 1 | 1606078 | 06/08/16 | 06/08/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/08/16 14:27

SS-40@10'
1606064-08 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/07/16 15:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1606068 | 06/07/16 | 06/08/16 | 8015M | |

Date Sampled: **06/07/16 15:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 102 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/07/16 15:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1606067 | 06/07/16 | 06/07/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **06/07/16 15:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 109 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 101 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 104 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **06/07/16 15:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 1.41 | 0.238 | mg/kg dry | 1 | 1606063 | 06/07/16 | 06/08/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/08/16 14:27

SS-40@10'
1606064-08 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/07/16 15:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 83.9 | | % | 1 | 1606078 | 06/08/16 | 06/08/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/08/16 14:27

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch 1606068 - EPA 3550A

Blank (1606068-BLK1)

Prepared & Analyzed: 06/07/16

| | | | | | | | | | | |
|------------------------|------|----|-------|------|--|-----|--------|--|--|--|
| C10-C28 (DRO) | ND | 50 | mg/kg | | | | | | | |
| Surrogate: o-Terphenyl | 14.6 | | " | 12.5 | | 117 | 30-150 | | | |

LCS (1606068-BS1)

Prepared & Analyzed: 06/07/16

| | | | | | | | | | | |
|------------------------|------|----|-------|------|--|------|--------|--|--|--|
| C10-C28 (DRO) | 621 | 50 | mg/kg | 499 | | 124 | 73-134 | | | |
| Surrogate: o-Terphenyl | 5.64 | | " | 12.5 | | 45.1 | 30-150 | | | |

Matrix Spike (1606068-MS1)

Source: 1606064-01

Prepared & Analyzed: 06/07/16

| | | | | | | | | | | |
|------------------------|------|----|-------|------|------|------|--------|--|--|--|
| C10-C28 (DRO) | 621 | 50 | mg/kg | 499 | 31.3 | 118 | 50-148 | | | |
| Surrogate: o-Terphenyl | 5.88 | | " | 12.5 | | 47.1 | 30-150 | | | |

Matrix Spike Dup (1606068-MSD1)

Source: 1606064-01

Prepared & Analyzed: 06/07/16

| | | | | | | | | | | |
|------------------------|------|----|-------|------|------|------|--------|------|----|--|
| C10-C28 (DRO) | 605 | 50 | mg/kg | 499 | 31.3 | 115 | 50-148 | 2.52 | 13 | |
| Surrogate: o-Terphenyl | 5.80 | | " | 12.5 | | 46.4 | 30-150 | | | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/08/16 14:27

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch 1606067 - EPA 5030 Soil MS

Blank (1606067-BLK1)

Prepared: 06/07/16 Analyzed: 06/08/16

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|--|-----|--------|--|--|--|
| Naphthalene | ND | 0.010 | mg/kg | | | | | | | |
| Benzene | ND | 0.0020 | " | | | | | | | |
| Toluene | ND | 0.0050 | " | | | | | | | |
| Ethylbenzene | ND | 0.0050 | " | | | | | | | |
| Xylenes (total) | ND | 0.010 | " | | | | | | | |
| Gasoline Range Hydrocarbons | ND | 0.50 | " | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0401 | | " | 0.0400 | | 100 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0408 | | " | 0.0400 | | 102 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0423 | | " | 0.0400 | | 106 | 21-167 | | | |

LCS (1606067-BS1)

Prepared: 06/07/16 Analyzed: 06/08/16

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|--|
| Naphthalene | ND | 0.010 | mg/kg | | | | 66-138 | | | |
| Benzene | 0.119 | 0.0020 | " | 0.100 | | 119 | 58-130 | | | |
| Toluene | 0.131 | 0.0050 | " | 0.100 | | 131 | 61-134 | | | |
| Ethylbenzene | 0.137 | 0.0050 | " | 0.0992 | | 138 | 74-139 | | | |
| m,p-Xylene | 0.250 | 0.010 | " | 0.200 | | 125 | 73-137 | | | |
| o-Xylene | 0.136 | 0.0050 | " | 0.0980 | | 138 | 73-141 | | | |
| Xylenes (total) | 0.417 | 0.010 | " | | | | 0-200 | | | |
| Gasoline Range Hydrocarbons | 3.47 | 0.50 | " | | | | 30-150 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0414 | | " | 0.0400 | | 104 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0411 | | " | 0.0400 | | 103 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0398 | | " | 0.0400 | | 99.6 | 21-167 | | | |

Matrix Spike (1606067-MS1)

Source: 1606064-01

Prepared: 06/07/16 Analyzed: 06/08/16

| | | | | | | | | | | |
|----------------------------------|---------|--------|-------|--------|---------|------|--------|--|--|--|
| Naphthalene | 0.00714 | 0.010 | mg/kg | | 0.00672 | | 10-158 | | | |
| Benzene | 0.126 | 0.0020 | " | 0.100 | 0.00771 | 118 | 30-131 | | | |
| Toluene | 0.162 | 0.0050 | " | 0.100 | 0.0332 | 129 | 30-134 | | | |
| Ethylbenzene | 0.132 | 0.0050 | " | 0.0992 | 0.00894 | 124 | 22-153 | | | |
| m,p-Xylene | 0.317 | 0.010 | " | 0.200 | 0.0331 | 142 | 10-159 | | | |
| o-Xylene | 0.159 | 0.0050 | " | 0.0980 | 0.0183 | 143 | 31-151 | | | |
| Xylenes (total) | 0.475 | 0.010 | " | | 0.0514 | | 30-160 | | | |
| Gasoline Range Hydrocarbons | ND | 0.50 | " | | 2.45 | | 30-160 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0427 | | " | 0.0400 | | 107 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0400 | | " | 0.0400 | | 100 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0392 | | " | 0.0400 | | 97.9 | 21-167 | | | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/08/16 14:27

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch 1606067 - EPA 5030 Soil MS

| Matrix Spike Dup (1606067-MSD1) | | Source: 1606064-01 | | | Prepared: 06/07/16 | | Analyzed: 06/08/16 | | | |
|----------------------------------|---------|--------------------|-------|--------|--------------------|------|--------------------|------|----|--|
| Naphthalene | 0.00927 | 0.010 | mg/kg | | 0.00672 | | 10-158 | 26.0 | 42 | |
| Benzene | 0.128 | 0.0020 | " | 0.100 | 0.00771 | 120 | 30-131 | 1.33 | 34 | |
| Toluene | 0.136 | 0.0050 | " | 0.100 | 0.0332 | 103 | 30-134 | 17.8 | 30 | |
| Ethylbenzene | 0.134 | 0.0050 | " | 0.0992 | 0.00894 | 126 | 22-153 | 1.10 | 24 | |
| m,p-Xylene | 0.326 | 0.010 | " | 0.200 | 0.0331 | 147 | 10-159 | 2.88 | 68 | |
| o-Xylene | 0.162 | 0.0050 | " | 0.0980 | 0.0183 | 147 | 31-151 | 2.15 | 38 | |
| Xylenes (total) | 0.488 | 0.010 | " | | 0.0514 | | 30-160 | 2.63 | 30 | |
| Gasoline Range Hydrocarbons | ND | 0.50 | " | | 2.45 | | 30-160 | | 30 | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0430 | | " | 0.0400 | | 107 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0400 | | " | 0.0400 | | 100 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0388 | | " | 0.0400 | | 97.0 | 21-167 | | | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]

Project Manager: Martin Eckert III

Reported:
06/08/16 14:27

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch 1606078 - General Preparation

Duplicate (1606078-DUP1)

Source: 1606060-01

Prepared & Analyzed: 06/08/16

| | | | | | |
|----------|------|---|------|------|----|
| % Solids | 87.0 | % | 88.0 | 1.23 | 20 |
|----------|------|---|------|------|----|

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/08/16 14:27

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

Summit Scientific

A handwritten signature in black ink, appearing to be 'MSM'.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

June 09, 2016

Martin Eckert III
Eagle Environmental Consulting
4101 Inca Street
Denver, CO 80211
RE: Dyer USX AB #35-13

Enclosed are the results of analyses for samples received by Summit Scientific on 06/08/16 18:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury
President



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/09/16 16:21

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| SS41@8' | 1606076-01 | Soil | 06/08/16 10:00 | 06/08/16 18:00 |
| SS44@8' | 1606076-02 | Soil | 06/08/16 10:10 | 06/08/16 18:00 |
| SS45@10' | 1606076-03 | Soil | 06/08/16 11:00 | 06/08/16 18:00 |
| SS46@8.5' | 1606076-04 | Soil | 06/08/16 11:05 | 06/08/16 18:00 |
| SS47@3' | 1606076-05 | Soil | 06/08/16 12:40 | 06/08/16 18:00 |
| SS48@10' | 1606076-06 | Soil | 06/08/16 12:45 | 06/08/16 18:00 |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/09/16 16:21

Summit Scientific 1606076

S₂

741 Corporate Circle, Suite J ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933

Page 1 of 1

Client: Eagle Env. Consulting, Inc. Project Manager: Martin Eckert III
Address: 4101 Inca Street E-Mail: mce3@eagle-enviro.com
City/State/Zip: Denver, CO, 80211
Phone: 303-433-0479 Fax: Project Name: Dyer USX AB #35-13
Sampler Name: A. Newberry Project Number: -

| ID | Sample Description | Date Sampled | Time Sampled | # of containers | Preservative | | | | Matrix | | Analysis Requested | | | | | | Special Instructions |
|----|--------------------|--------------|--------------|-----------------|--------------|------------------|------|-----------------|-------------|------|--------------------|-----------------|-------------|------------|--------------------|------------|----------------------|
| | | | | | HCl | HNO ₃ | None | Other (Specify) | Groundwater | Soil | Air-Canister # | Other (Specify) | BTEX - BULK | PCO - BULK | Naphthalene - BULK | DRO - BULK | |
| 1 | SS-41 @ 8' | 6/8/16 | 1000 | 2 | | | X | | | X | | | X | X | X | X | |
| 2 | SS-44 @ 8' | | 1010 | | | | | | | | | | | | | | |
| 3 | SS-45 @ 10' | | 1100 | | | | | | | | | | | | | | |
| 4 | SS-46 @ 8.5' | | 1105 | | | | | | | | | | | | | | |
| 5 | SS-47 @ 3' | | 1240 | | | | | | | | | | | | | | |
| 6 | SS-48 @ 10' | | 1245 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | |

| | | | | | |
|---------------------------------|-------------------------------|------------------------|-------------------------------|---|---|
| Relinquished by: <u>Mad Nky</u> | Date/Time: <u>6/8/16 1505</u> | Received by: <u>MD</u> | Date/Time: <u>6/8/16 1505</u> | Turn Around Time (Check) | Notes: |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | Same Day <input checked="" type="checkbox"/> 72 hours — | ⊗ Noble! |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | 24 hours — Standard — | ⊗ Bill & Paul |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | 48 hours — | ⊗ Results marked earliest possible 6/9/16 |
| | | | | Sample Integrity: | on ice - Thanks |
| | | | | Temperature Upon Receipt: <u>5.0°C</u> | |
| | | | | Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |

www.s2scientific.com

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/09/16 16:21

Sample Receipt Checklist

S2 Work Order: 1606076

Client: Eagle Env.

Client Project ID: Dyer USX AB #35-13

Shipped Via: Hand Delivered
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Airbill #: _____

Matrix (check all that apply): ☐ Air ☒ Soil/Solid ☐ Water ☐ Other: _____
(Describe)

| | | | | | |
|-----------|------------|--|--|--|--|
| Cooler ID | | | | | |
| Temp (°C) | <u>5.0</u> | | | | |

Thermometer ID: 61857155-K

| | Yes | No | N/A | Comments (if any) |
|---|-----|----|-----|-------------------|
| If samples require cooling, was the temperature just above 0°C to ≤ 6°C ⁽¹⁾ ? | | | ✓ | |
| NOTE: If samples are delivered the same day of sampling, this requirement is waived provided that there is evidence that cooling has begun. | | | | |
| Were all samples received intact ⁽¹⁾ ? | ✓ | | | |
| Was adequate sample volume provided ⁽¹⁾ ? | ✓ | | | |
| If custody seals are present, are they intact ⁽¹⁾ ? | | | ✓ | |
| Are short holding time analytes or samples with HTs due within 48 hours present? | | | ✓ | |
| Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ? | ✓ | | | |
| Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ? | | | | |
| Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ? | ✓ | | | |
| Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ? | ✓ | | | |
| For volatiles in water – is there headspace present? If yes, contact client and note in narrative. | | | ✓ | |
| Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ? | | | ✓ | |
| Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect | | | | |
| If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? | | | ✓ | |
| Record the pH in Comments. | | | | |
| If dissolved metals are requested, were samples field filtered? | | | ✓ | |
| Additional Comments (if any): | | | | |
| | | | | |

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.

Nakita
Custodian Printed Name

MA
Signature or Initials of Custodian

6/8/16 1830
Date/Time



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/09/16 16:21

SS41@8'
1606076-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/08/16 10:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1606081 | 06/08/16 | 06/08/16 | 8015M | |

Date Sampled: **06/08/16 10:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 101 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/08/16 10:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1606083 | 06/08/16 | 06/08/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **06/08/16 10:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 114 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 98.3 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 97.4 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **06/08/16 10:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 1.59 | 0.222 | mg/kg dry | 1 | 1606087 | 06/09/16 | 06/09/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/09/16 16:21

SS41@8'
1606076-01 (Soil)

Summit Scientific

Total Metals by EPA Method 6020 - Dry Weight Basis

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/08/16 10:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 90.1 | | % | 1 | 1606088 | 06/09/16 | 06/09/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/09/16 16:21

SS44@8'
1606076-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/08/16 10:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1606081 | 06/08/16 | 06/08/16 | 8015M | |

Date Sampled: **06/08/16 10:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl | | 101 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/08/16 10:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1606083 | 06/08/16 | 06/08/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **06/08/16 10:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 114 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 98.6 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 98.9 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **06/08/16 10:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 1.44 | 0.223 | mg/kg dry | 1 | 1606087 | 06/09/16 | 06/09/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/09/16 16:21

SS44@8'
1606076-02 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/08/16 10:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 89.6 | | % | 1 | 1606088 | 06/09/16 | 06/09/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/09/16 16:21

SS45@10'
1606076-03 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/08/16 11:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1606081 | 06/08/16 | 06/08/16 | 8015M | |

Date Sampled: **06/08/16 11:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl | | 99.4 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/08/16 11:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1606083 | 06/08/16 | 06/08/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **06/08/16 11:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 123 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 100 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 101 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **06/08/16 11:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 21.2 | 0.218 | mg/kg dry | 1 | 1606087 | 06/09/16 | 06/09/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/09/16 16:21

SS45@10'
1606076-03 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/08/16 11:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 81.7 | | % | 1 | 1606088 | 06/09/16 | 06/09/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/09/16 16:21

SS46@8.5'
1606076-04 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/08/16 11:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1606081 | 06/08/16 | 06/08/16 | 8015M | |

Date Sampled: **06/08/16 11:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl | | 98.3 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/08/16 11:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1606083 | 06/08/16 | 06/08/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **06/08/16 11:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 117 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 98.5 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 101 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **06/08/16 11:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 1.67 | 0.210 | mg/kg dry | 1 | 1606087 | 06/09/16 | 06/09/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/09/16 16:21

SS46@8.5'
1606076-04 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/08/16 11:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 81.9 | | % | 1 | 1606088 | 06/09/16 | 06/09/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/09/16 16:21

SS47@3'
1606076-05 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/08/16 12:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1606081 | 06/08/16 | 06/08/16 | 8015M | |

Date Sampled: **06/08/16 12:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl | | 98.4 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/08/16 12:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1606083 | 06/08/16 | 06/08/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **06/08/16 12:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 115 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 100 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 99.8 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **06/08/16 12:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------|-------------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 2.07 | 0.223 | mg/kg dry | 1 | 1606087 | 06/09/16 | 06/09/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/09/16 16:21

SS47@3'
1606076-05 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/08/16 12:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 89.8 | | % | 1 | 1606088 | 06/09/16 | 06/09/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/09/16 16:21

SS48@10'
1606076-06 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/08/16 12:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1606081 | 06/08/16 | 06/08/16 | 8015M | |

Date Sampled: **06/08/16 12:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 99.8 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/08/16 12:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Naphthalene | ND | 0.010 | mg/kg | 1 | 1606083 | 06/08/16 | 06/08/16 | EPA 8260B | |
| Benzene | ND | 0.0020 | " | " | " | " | " | " | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **06/08/16 12:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 116 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 97.3 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 99.6 % | 21-167 | | " | " | " | " | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **06/08/16 12:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 22.2 | 0.241 | mg/kg dry | 1 | 1606087 | 06/09/16 | 06/09/16 | EPA 6020A | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/09/16 16:21

SS48@10'
1606076-06 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/08/16 12:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| % Solids | 83.1 | | % | 1 | 1606088 | 06/09/16 | 06/09/16 | % calculation | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/09/16 16:21

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch 1606081 - EPA 3550A

Blank (1606081-BLK1)

Prepared & Analyzed: 06/08/16

C10-C28 (DRO) ND 50 mg/kg

Surrogate: o-Terphenyl 12.4 " 12.5 98.8 30-150

LCS (1606081-BS1)

Prepared: 06/08/16 Analyzed: 06/09/16

C10-C28 (DRO) 571 50 mg/kg 499 114 73-134

Surrogate: o-Terphenyl 12.1 " 12.5 96.6 30-150

Matrix Spike (1606081-MS1)

Source: 1606074-01

Prepared: 06/08/16 Analyzed: 06/09/16

C10-C28 (DRO) 680 50 mg/kg 490 140 110 50-148

Surrogate: o-Terphenyl 5.38 " 12.3 43.8 30-150

Matrix Spike Dup (1606081-MSD1)

Source: 1606074-01

Prepared: 06/08/16 Analyzed: 06/09/16

C10-C28 (DRO) 641 50 mg/kg 481 140 104 50-148 5.97 13

Surrogate: o-Terphenyl 5.03 " 12.0 41.7 30-150

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/09/16 16:21

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch 1606083 - EPA 5030 Soil MS

Blank (1606083-BLK1)

Prepared: 06/08/16 Analyzed: 06/09/16

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|--|
| Naphthalene | ND | 0.010 | mg/kg | | | | | | | |
| Benzene | ND | 0.0020 | " | | | | | | | |
| Toluene | ND | 0.0050 | " | | | | | | | |
| Ethylbenzene | ND | 0.0050 | " | | | | | | | |
| Xylenes (total) | ND | 0.010 | " | | | | | | | |
| Gasoline Range Hydrocarbons | ND | 0.50 | " | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0411 | | " | 0.0400 | | 103 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0398 | | " | 0.0400 | | 99.4 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0395 | | " | 0.0400 | | 98.8 | 21-167 | | | |

LCS (1606083-BS1)

Prepared: 06/08/16 Analyzed: 06/09/16

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|--|
| Naphthalene | ND | 0.010 | mg/kg | | | | 66-138 | | | |
| Benzene | 0.106 | 0.0020 | " | 0.100 | | 106 | 58-130 | | | |
| Toluene | 0.124 | 0.0050 | " | 0.100 | | 124 | 61-134 | | | |
| Ethylbenzene | 0.128 | 0.0050 | " | 0.0992 | | 129 | 74-139 | | | |
| m,p-Xylene | 0.242 | 0.010 | " | 0.200 | | 121 | 73-137 | | | |
| o-Xylene | 0.119 | 0.0050 | " | 0.0980 | | 121 | 73-141 | | | |
| Xylenes (total) | 0.361 | 0.010 | " | | | | 0-200 | | | |
| Gasoline Range Hydrocarbons | ND | 0.50 | " | | | | 30-150 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0405 | | " | 0.0400 | | 101 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0440 | | " | 0.0400 | | 110 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0399 | | " | 0.0400 | | 99.8 | 21-167 | | | |

Matrix Spike (1606083-MS1)

Source: 1606076-01

Prepared: 06/08/16 Analyzed: 06/09/16

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|----|-----|--------|--|--|--|
| Naphthalene | ND | 0.010 | mg/kg | | ND | | 10-158 | | | |
| Benzene | 0.107 | 0.0020 | " | 0.0940 | ND | 114 | 30-131 | | | |
| Toluene | 0.117 | 0.0050 | " | 0.0940 | ND | 125 | 30-134 | | | |
| Ethylbenzene | 0.133 | 0.0050 | " | 0.0932 | ND | 142 | 22-153 | | | |
| m,p-Xylene | 0.252 | 0.010 | " | 0.188 | ND | 134 | 10-159 | | | |
| o-Xylene | 0.123 | 0.0050 | " | 0.0921 | ND | 134 | 31-151 | | | |
| Xylenes (total) | 0.375 | 0.010 | " | | ND | | 30-160 | | | |
| Gasoline Range Hydrocarbons | 0.965 | 0.50 | " | | ND | | 30-160 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0414 | | " | 0.0376 | | 110 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0385 | | " | 0.0376 | | 102 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0378 | | " | 0.0376 | | 100 | 21-167 | | | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/09/16 16:21

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch 1606083 - EPA 5030 Soil MS

| Matrix Spike Dup (1606083-MSD1) | | Source: 1606076-01 | | | Prepared: 06/08/16 | | Analyzed: 06/09/16 | | | |
|----------------------------------|--------|--------------------|-------|--------|--------------------|------|--------------------|-------|--|----|
| Naphthalene | ND | 0.010 | mg/kg | | ND | | 10-158 | | | 42 |
| Benzene | 0.108 | 0.0020 | " | 0.0924 | ND | 117 | 30-131 | 0.719 | | 34 |
| Toluene | 0.118 | 0.0050 | " | 0.0924 | ND | 128 | 30-134 | 0.366 | | 30 |
| Ethylbenzene | 0.135 | 0.0050 | " | 0.0917 | ND | 148 | 22-153 | 2.10 | | 24 |
| m,p-Xylene | 0.257 | 0.010 | " | 0.184 | ND | 139 | 10-159 | 2.16 | | 68 |
| o-Xylene | 0.124 | 0.0050 | " | 0.0906 | ND | 137 | 31-151 | 0.719 | | 38 |
| Xylenes (total) | 0.381 | 0.010 | " | | ND | | 30-160 | 1.69 | | 30 |
| Gasoline Range Hydrocarbons | 1.61 | 0.50 | " | | ND | | 30-160 | 50.2 | | 30 |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0397 | | " | 0.0370 | | 107 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0368 | | " | 0.0370 | | 99.6 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0363 | | " | 0.0370 | | 98.2 | 21-167 | | | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/09/16 16:21

Total Metals by EPA Method 6020 - Dry Weight Basis - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch 1606087 - EPA 3050B

Blank (1606087-BLK1)

Prepared & Analyzed: 06/09/16

Arsenic ND 0.200 mg/kg wet

LCS (1606087-BS1)

Prepared & Analyzed: 06/09/16

Arsenic 52.0 0.200 mg/kg wet 52.8 98.5 82.6-117

Duplicate (1606087-DUP1)

Source: 1606079-01

Prepared & Analyzed: 06/09/16

Arsenic 3.94 0.226 mg/kg dry 4.23 7.09 20

Matrix Spike (1606087-MS1)

Source: 1606079-01

Prepared & Analyzed: 06/09/16

Arsenic 41.2 0.206 mg/kg dry 41.1 4.23 90.0 75-125

Matrix Spike Dup (1606087-MSD1)

Source: 1606079-01

Prepared & Analyzed: 06/09/16

Arsenic 45.7 0.226 mg/kg dry 43.9 4.23 94.4 75-125 10.3 25

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]

Project Manager: Martin Eckert III

Reported:
06/09/16 16:21

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch 1606088 - General Preparation

Duplicate (1606088-DUP1)

Source: 1606079-01

Prepared & Analyzed: 06/09/16

| | | | | | |
|----------|------|---|------|------|----|
| % Solids | 89.4 | % | 88.4 | 1.17 | 20 |
|----------|------|---|------|------|----|

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting
4101 Inca Street
Denver CO, 80211

Project: Dyer USX AB #35-13

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
06/09/16 16:21

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

Summit Scientific

A handwritten signature in black ink, appearing to be 'M. Eckert'.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.