



April 29, 2025
Kleinfelder Project No. 25002443.001A

Mr. Blair Rollins
QB Energy Operating, LLC
1001 17th Street #1600
Denver, Colorado 80202

**SUBJECT: Site Investigation Report
 QB Energy Operating, LLC
 Gas Gathering Pipeline System Decommissioning
 Remediation Project Number: 24190
 OP15 to G15OU Pipeline
 Mesa County, Colorado**

Dear Mr. Rollins:

Kleinfelder Inc. (Kleinfelder) performed soil sampling activities at the OP15 to G15OU Pipeline in Mesa County, Colorado under contract by QB Energy Operating, LLC (QB Energy). Enclosed is the report of work complete for this effort.

Please do not hesitate to contact me at (970) 309-6553 or by email at JVeith@kleinfelder.com should you have questions or concerns.

Respectfully submitted,
KLEINFELDER, INC.

A handwritten signature in black ink that reads "Jordan Veith". The signature is written in a cursive, flowing style.

Jordan Veith
Project Manager I



**SITE INVESTIGATION REPORT
QB ENERGY OPERATING, LLC
GAS GATHERING PIPELINE SYSTEM DECOMMISSIONING
REMEDATION PROJECT NUMBER: 24190
OP15 TO G15OU PIPELINE
MESA COUNTY, COLORADO**

KLEINFELDER PROJECT NO. 25002443.001A

April 29, 2025

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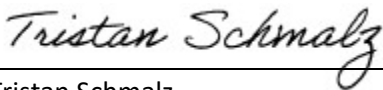
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REPORT WAS PREPARED.**

A Report Prepared for:

QB Energy Operating, LLC
1001 17th Street #1600
Denver, CO 80202

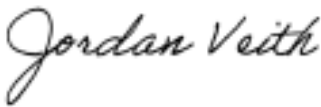
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QB ENERGY OPERATING, LLC
GAS GATHERING PIPELINE SYSTEM DECOMMISSIONING
REMEDATION PROJECT NUMBER: 24190
OP15 TO G15OU PIPELINE
MESA COUNTY, COLORADO**

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**SITE INVESTIGATION REPORT
QB ENERGY OPERATING, LLC
GAS GATHERING PIPELINE SYSTEM DECOMMISSIONING
REMEDATION PROJECT NUMBER: 24190
OP15 TO G15OU PIPELINE
MESA COUNTY, COLORADO**

1 INTRODUCTION

This document was prepared by Kleinfelder Inc. (Kleinfelder) on behalf of QB Energy Operating (QB Energy) to provide documentation of recent sampling support services conducted on the OP15 to G15OU Pipeline in Mesa County, Colorado (**Figure 1**).

Kleinfelder has been contracted by QB Energy to perform soil sampling support services to provide necessary information to complete the Colorado Energy and Carbon Management Commission (ECMC) Form 27 for their upstream oil and gas production facilities located in the Piceance Basin. QB Energy submitted Approved ECMC Form 27 Site Investigation and Remediation Workplan (document #403087301) as an initial notification to the removal of the OP15 to G15OU Pipeline. As prescribed in the Initial Approved ECMC Form 27 Site Investigation and Remediation Workplan and Supplemental Approved ECMC (document #403735183), QB Energy proposed the collection of soil samples from a representative number of excavations along the pipeline right-of-way (ROW). Kleinfelder field screened and collected soil samples from the excavations on July 14, July 27, August 31, and October 5, 2022. Kleinfelder field screened and collected subsequent soil samples from the excavations on July 21, 2023. Additionally, a produced fluid sample was collected from the nearby H16OU Pad on December 12, 2023 for comparison to site assessment samples. The samples were analyzed by Pace Analytical National Laboratory (Pace) and results are reported herein.

2 SITE LOCATION AND GEOLOGIC SETTING

The OP15 to G15OU Pipeline is located within the Piceance Basin in Mesa County, Colorado (SESE, Section 15, Township 8 South, Range 96 West) (**Figure 1**). The Piceance Basin is a geologic structural basin consisting of sandstones and siltstones, containing reserves of coal, natural gas, and oil shale.

No surface water or groundwater were encountered during Kleinfelder's soil sampling activities. Adjacent land was observed to be rangeland. The general soil type within the pipeline removal area was classified based on Kleinfelder's field observations using the Unified Soil Classification System (USCS) and were observed as clayey gravels, gravel-sand-clay mixtures. Topographical information is provided on **Figure 1**.

Based on field assessment and desktop review, it is believed there is no reasonable pathway for groundwater within the investigation area. A tributary to Alkali Creek crosses the pipeline ROW approximately 200 feet north of the PL01 sample locations. The nearest registered water wells (permit #46651-MH and 46809-MH) have a static water level of 61 feet and 45 feet below ground surface (bgs), respectively. The deepest soil samples to date were collected from 10 feet bgs.

3 FIELD ACTIVITIES

As prescribed within the approved ECMC Form 27 Site Investigation and Remediation Workplan, Kleinfelder performed the following field activities at the OP15 to G15OU Pipeline on July 14, July 27, August 31, and October 5, 2022. Kleinfelder field screened and collected subsequent soil samples from the excavations on July 21, 2023. Additionally, a produced fluid sample was collected from the nearby H16OU Pad on December 12, 2023, for comparison to site assessment samples.

July 14, 2022

- Field screened four (4) excavations [20220714_OP15_PL02@10ft], [20220714_OP15_PL03@10ft], [20220714_OP15_PL05@4ft], [20220714_OP15_PL07@6ft], and one (1) soil stockpile [20220714_OP15_PL08TP_COMP] using olfactory senses and a photoionization detector (PID) for impacts;
- Collected two (2) site assessment grab soil samples [20220714_OP15_PL01@6ft] and [20220714_OP15_PL08@5ft] from two excavations at each terminus of the pipeline (on the OP15 and G15OU Pads, respectively);
- Collected two (2) site assessment grab soil samples [20220714_OP15_PL04@4ft] and [20220714_OP15_PL06@5ft] from two excavations along the pipeline ROW; and
- Shipped site soil samples to Pace to analyze for the contaminants of concern listed within ECMC Table 915-1.

July 27, 2022

- Collected three (3) background soil samples [20220727_OP15_BG01@1ft], [20220727_OP15_BG02@1ft], and [20220727_OP15_BG03@1ft] at 1 foot bgs from locations east, south, and west of the OP15 Pad; and
- Shipped background soil samples to Pace to analyze for the contaminants of concern listed within ECMC Table 915-1, excluding organics.

August 31, 2022

- Collected two (2) 5-point composite soil samples [20220831_OP15_PL01TP_COMP] and [20220831_OP15_PL06TP_COMP] from the two separate soil stockpiles belonging to two excavations (PL01 and PL06);

- Collected five (5) site assessment grab soil samples from the base [20220831_OP15_PL01@8ft], north wall [20220831_OP15_PL01NWall@8ft], east wall [20220831_OP15_PL01EWall@8ft], south wall [20220831_OP15_PL01SWall@8ft], and west wall [20220831_OP15_PL01WWall@8ft] of the excavation at the terminus of the pipeline on the OP15 Pad (PL01);
- Collected five (5) site assessment grab soil samples from the base [20220831_OP15_PL06@7ft], north wall [20220831_OP15_PL06NWall@7ft], east wall [20220831_OP15_PL06EWall@7ft], south wall [20220831_OP15_PL06SWall@7ft], and west wall [20220831_OP15_PL06WWall@7ft] of an excavation along the pipeline ROW (PL06); and
- Shipped site soil samples to Pace to analyze for the contaminants of concern listed within ECMC Table 915-1.

October 5, 2022

- Collected six (6) background soil samples [20221005_OP15_BG04@2ft], [20221005_OP15_BG05@3ft], [20221005_OP15_BG06@5ft], [20221005_OP15_BG07@4ft], [20221005_OP15_BG08@5ft], and [20221005_OP15_BG09@2ft] ranging from 2 to 5 feet bgs from locations north, east, south, and west of the OP15 Pad and pipeline; and
- Shipped background soil samples to Pace to analyze for the contaminants of concern listed within ECMC Table 915-1, excluding organics.

July 21, 2023

- Collected five (5) site assessment grab soil samples from the base [20230721-OP15-(PL01)@10], south wall [20230721-OP15-(PL01-SW)@10], west wall [20230721-OP15-(PL01-WW)@10], east wall [20230721-OP15-(PL01-EW)@10], and north wall [20230721-OP15-(PL01-NW)@10] of the PL01 excavation;
- Collected five (5) site assessment grab soil samples from the base [20230721-OP15-(PL06)@9], south wall [20230721-OP15-(PL06-SW)@9], west wall [20230721-OP15-(PL06-WW)@9], east wall [20230721-OP15-(PL06-EW)@9], and north wall [20230721-OP15-(PL06-NW)@9] of the PL06 excavation;
- Field screened soil with a PID at all soil sample locations; and
- Shipped site soil samples to Pace to analyze for the contaminants of concern listed within ECMC Table 915-1.

December 12, 2023

- Collected one (1) produced fluid sample from a tank on the H16OU Pad [20231212-OUSOURCE-(H16OU-T)@11:00];
- Shipped produced fluid sample to Pace to analyze for pH and arsenic.

Prior to Kleinfelder's soil screening and sampling activities on July 14, July 27, August 31, and October 5, 2022, as well as July 21 and December 12, 2023, QB Energy identified all sample locations. Soil samples were collected from a stainless-steel hand trowel or stainless-steel hand auger and placed into laboratory-supplied, 9-ounce jars with Teflon lids. Each soil sample was collected directly from the hand trowel or trowel from the appropriate depth and placed into the glass jars. The produced fluid was collected directly from the tank loadout valve into a 1-liter polyethylene collection bottle with the aid of a QB Energy pumper. The samples were immediately placed on ice in a cooler. Standard chain-of-custody (COC) procedures were used during sampling and transportation to Pace in Mount Juliet, Tennessee (via FEDEX). Site soil samples were analyzed for full ECMC Table 915-1 analytes, and the produced fluid sample was analyzed for pH and arsenic. Kleinfelder used an EOS Arrow 100 Submeter Global Navigation Satellite Receiver (GNSS) to record latitude and longitude of the sample locations. Sample locations are shown on **Figures 2-5**.

Sampling equipment (i.e., hand auger, soil sampler, etc.) was washed with a solution of Liquinox[®] detergent, rinsed with tap water, and then distilled water between samples. During soil sampling activities, Kleinfelder documented staining and/or odor observations, if any, and screened the soil with a PID. Kleinfelder placed the soil into a Ziploc[®] plastic bag directly from the shovel for screening with the PID. Prior to use, Kleinfelder calibrated the PID, which passed calibration. Soil sample conditions and locations are provided in **Table 1**.

4 RESULTS

Kleinfelder observed soil conditions during the soil sampling activities. Hydrocarbon odors and soil staining were not observed at any soil sample locations. PID readings were 2.1 parts per million (ppm) and below. **Table 1** summarizes the samples and associated field observations.

All soil samples exceeded ECMC Table 915-1 Residential Soil Screening Levels (RSSLs) for electrical conductivity (EC), sodium adsorption ratio (SAR), pH, and/or arsenic (**Table 2**).

The following soil samples exceeded ECMC Table 915-1 RSSLs for EC, SAR, pH, and arsenic:

- 20220831_OP15_PL06EWALL@7ft
- 20220831_OP15_PL06TP_COMP

The following soil samples exceeded ECMC Table 915-1 RSSLs for EC, SAR, and arsenic:

- 20220714_OP15_PL01@6ft
- 20220831_OP15_PL01EWALL@8ft
- 20220831_OP15_PL01SWALL@8ft
- 20220831_OP15_PL01WWALL@8ft
- 20220831_OP15_PL01@8ft
- 20220831_OP15_PL06@7ft

The following soil samples exceeded ECMC Table 915-1 RSSLs for SAR and arsenic:

- 20220831_OP15_PL01TP_COMP
- 20220831_OP15_PL01NWALL@8ft

The following soil samples exceeded ECMC Table 915-1 RSSLs for SAR, pH, and arsenic:

- 20230721-OP15-(PL01-SW)@10
- 20220714_OP15_PL06@5ft
- 20220831_OP15_PL06NWALL@7ft
- 20220831_OP15_PL06SWALL@7ft
- 20220831_OP15_PL06WWALL@7ft

- 20230721-OP15-(PL06-EW)@9
- 20230721-OP15-(PL06)@9

The following soil samples exceeded ECMC Table 915-1 RSSLs for pH and arsenic:

- 20230721-OP15-(PL01-WW)@10
- 20230721-OP15-(PL01-NW)@10
- 20230721-OP15-(PL01)@10
- 20230721-OP15-(PL06-WW)@9
- 20230721-OP15-(PL06-NW)@9
- 20230721-OP15-(PL06-SW)@9

The following soil samples exceeded ECMC Table 915-1 RSSLs for arsenic only:

- 20220714_OP15_PL04@4ft
- 20220714_OP15_PL08@5ft
- 20230721-OP15-(PL01-EW)@10

Analytical results are summarized in **Table 2** and were compared to ECMC Table 915-1 RSSLs as requested by QB Energy. Soil sample locations are provided on **Figures 2-5**.

5 CONCLUSIONS AND RECOMMENDATIONS

Kleinfelder recommends QB Energy request ECMC approval through a Supplemental Form 27 to compare site sample results to ECMC Table 915-1 RSSLs. As discussed in the pathway to groundwater statement in Section 2 of this report, it is believed there is no reasonable pathway for groundwater within the investigation area.

The following conclusions and recommendations are for the soil samples collected between July 14, 2022, and July 21, 2023:

In order to address the SAR exceedances at the sample locations [20230721-OP15-(PL06-EW)@9] and [20230721-OP15-(PL06)@9], Kleinfelder recommends QB Energy requests an alternative allowable range of 0.0437 to 11.9 for SAR per ECMC Table 915-1 Footnote 1 based on the SAR concentrations demonstrated in the background soil samples collected on July 27, 2022. Analytical results of site-specific background soil samples indicate a range of background SAR concentrations from 0.0437 to 11.9 (see **Table 2**).

To address pH and arsenic exceedances, Kleinfelder recommends QB Energy requests consideration of Rule 915.e.(2) C to remove pH as a constituent of concern. A produced fluid sample [20231212- OUSOURCE-(H16OU)@11:00]] was collected from a storage tank on the H16OU well pad was utilized for comparison of pH and arsenic values of fluids present in the OP15 to G15OU Pipeline. Fluids obtained from the tank exhibited pH levels of 7.29 and arsenic levels of <0.0100 (**Table 2**).

The initial base sample [20220714_OP15_PL01@6ft] collected from the PL01 excavation exceeded ECMC Table 915-1 RSSLs for EC, SAR, and arsenic. On August 31, 2022, the excavation was extended by 2 vertical feet. The subsequent base [20220831_OP15_PL01@8ft] and four side wall samples [20220831_OP15_PL01NWALL@8ft], [20220831_OP15_PL01EWALL@8ft], [20220831_OP15_PL01SWALL@8ft], [20220831_OP15_PL01WWALL@8ft] collected from the PL01 excavation exceeded ECMC Table 915-1 RSSLs for EC, SAR, pH, and/or arsenic. The excavation was then extended horizontally in each direction by 3 horizontal feet and extended by 2 vertical feet. Subsequent soil samples were collected from the base [20230721-OP15-(PL01)@10] and four side walls [20230721-OP15-(PL01-EW)@10], [20230721-OP15-(PL01-SW)@10], [20230721-OP15-(PL01-WW)@10], and

[20230721-OP15-(PL01-NW)@10]. Analytical results from the samples collected on July 21, 2023, indicated pH and arsenic exceedances, however, all results were greater than the produced fluid sample results. Therefore, it is likely that the exceedances for pH and arsenic in the soil samples are natural and are not a result of the release. The south wall sample [20230721-OP15-(PL01-SW)@10] exceeded ECMC Table 915-1 and the background range for SAR only (**Table 2**).

The initial base [20220714_OP15_PL06@5ft] collected from the PL06 excavation exceeded ECMC Table 915-1 RSSLs for SAR, pH, and arsenic. The excavation was then extended by 2 vertical feet. The subsequent base [20220831_OP15_PL06@7ft] and four side wall samples [20220831_OP15_PL06NWALL@7ft], [20220831_OP15_PL06EWALL@7ft], [20220831_OP15_PL06SWALL@7ft], [20220831_OP15_PL06WWALL@7ft] collected from the PL06 excavation exceeded ECMC Table 915-1 RSSLs for EC, SAR, pH, and/or arsenic. The excavation was then extended horizontally in each direction by 3 horizontal feet and extended by 2 vertical feet. Samples were again collected from the base [20230721-OP15-(PL06)@9] and four side walls [20230721-OP15-(PL06-NW)@9], [20230721-OP15-(PL06-EW)@9], [20230721-OP15-(PL06-SW)@9], and [20230721-OP15-(PL06-WW)@9]. Analytical results from the samples collected on July 21, 2023, indicated pH and arsenic exceedances, however, all results were greater than the produced fluid sample results. Additionally, analytical results from the base [20230721-OP15-(PL06)@9] and east wall [20230721-OP15-(PL06-EW)@9] samples indicated SAR exceedances, however, both results were within the background range for SAR (**Table 2**). The exceedances at PL06 have been fully delineated, removed, and stockpiled. The exceedances at PL01 have been vertically delineated and horizontally delineated to the north, east, and west. SAR remains a contaminant of concern on the south wall of PL01.

The soil stockpiles for both PL01 and PL06 demonstrated ECMC Table 915-1 exceedances for SAR and/or EC, therefore, Kleinfelder recommends QB Energy haul the stockpiles to Greenleaf Environmental Services.

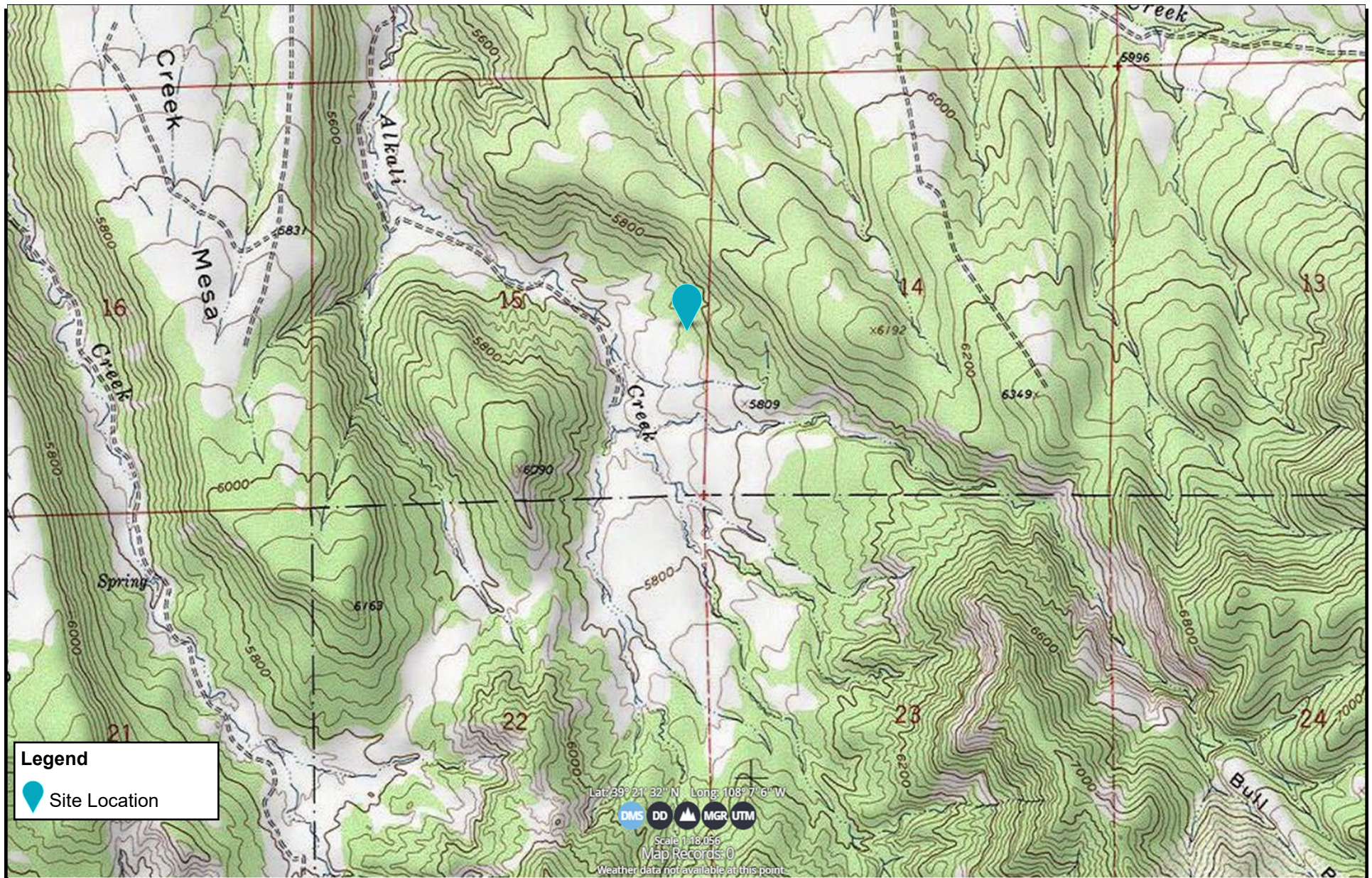
Based on the analytical data, vertical and horizontal delineation of apparent impacts adjacent to the PL06 location is complete. Kleinfelder recommends further delineation on the south wall of the PL01 excavation, or the collection of additional background samples to address the SAR exceedances. Should additional assessment samples be collected, Kleinfelder recommends QB Energy request a reduced analyte suite of SAR only from the ECMC.


6 LIMITATIONS

Kleinfelder offers various levels of investigative and engineering services to suit the varying needs of different clients. It should be recognized that definition and evaluation of geologic and environmental conditions are a difficult and inexact science. Judgments leading to conclusions and recommendations are generally made with incomplete knowledge of the subsurface conditions present due to the limitations of data from field studies. Although risk can never be eliminated, more detailed and extensive studies yield more information, which may help understand and manage the level of risk. Since detailed study and analysis involves greater expense, our clients participate in determining levels of service that provide adequate information for their purposes at acceptable levels of risk. More extensive studies, including subsurface studies or field tests, should be performed to reduce uncertainties. Acceptance of this report will indicate that QB Energy has reviewed the document and determined that it does not need or want a greater level of service than provided.


During the course of the performance of Kleinfelder's services, hazardous materials may have been discovered. Kleinfelder assumes no responsibility or liability whatsoever for any claim, loss of property value, damage, or injury that results from pre-existing hazardous materials being encountered or present on the project site, or from the discovery of such hazardous materials. Nothing contained in this report should be construed or interpreted as requiring Kleinfelder to assume the status of an owner, operator, or generator, or person who arranges for disposal, transport, storage, or treatment of hazardous materials within the meaning of any governmental statute, regulation, or order. QB Energy is solely responsible for directing notification of all governmental agencies, and the public at large, of the existence, release, treatment, or disposal of any hazardous materials observed at the project site, either before or during performance of Kleinfelder's services. QB Energy is responsible for directing all arrangements to lawfully store, treat, recycle, dispose, or otherwise handle hazardous materials, including cuttings and samples resulting from Kleinfelder's services.

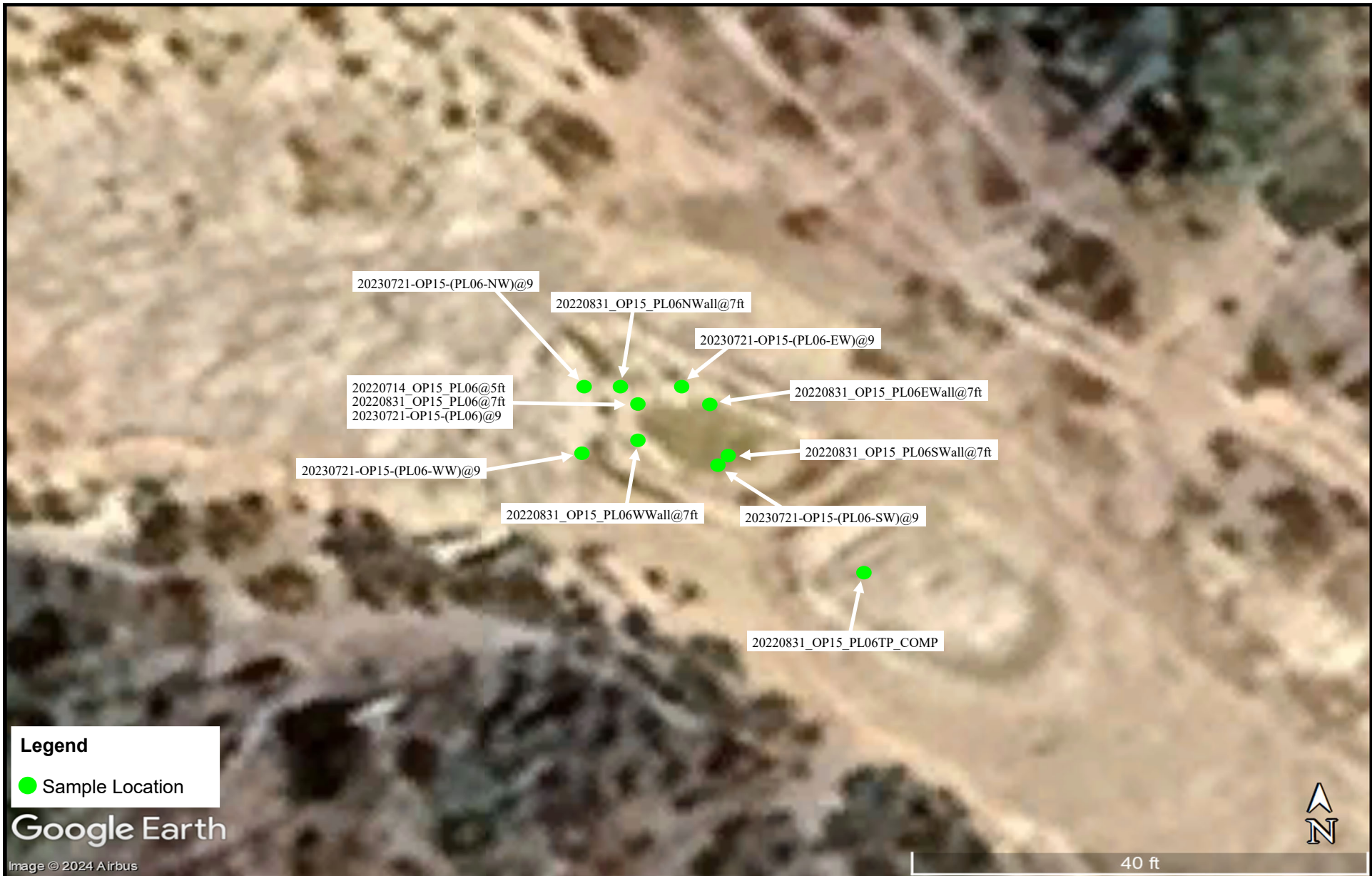
FIGURES




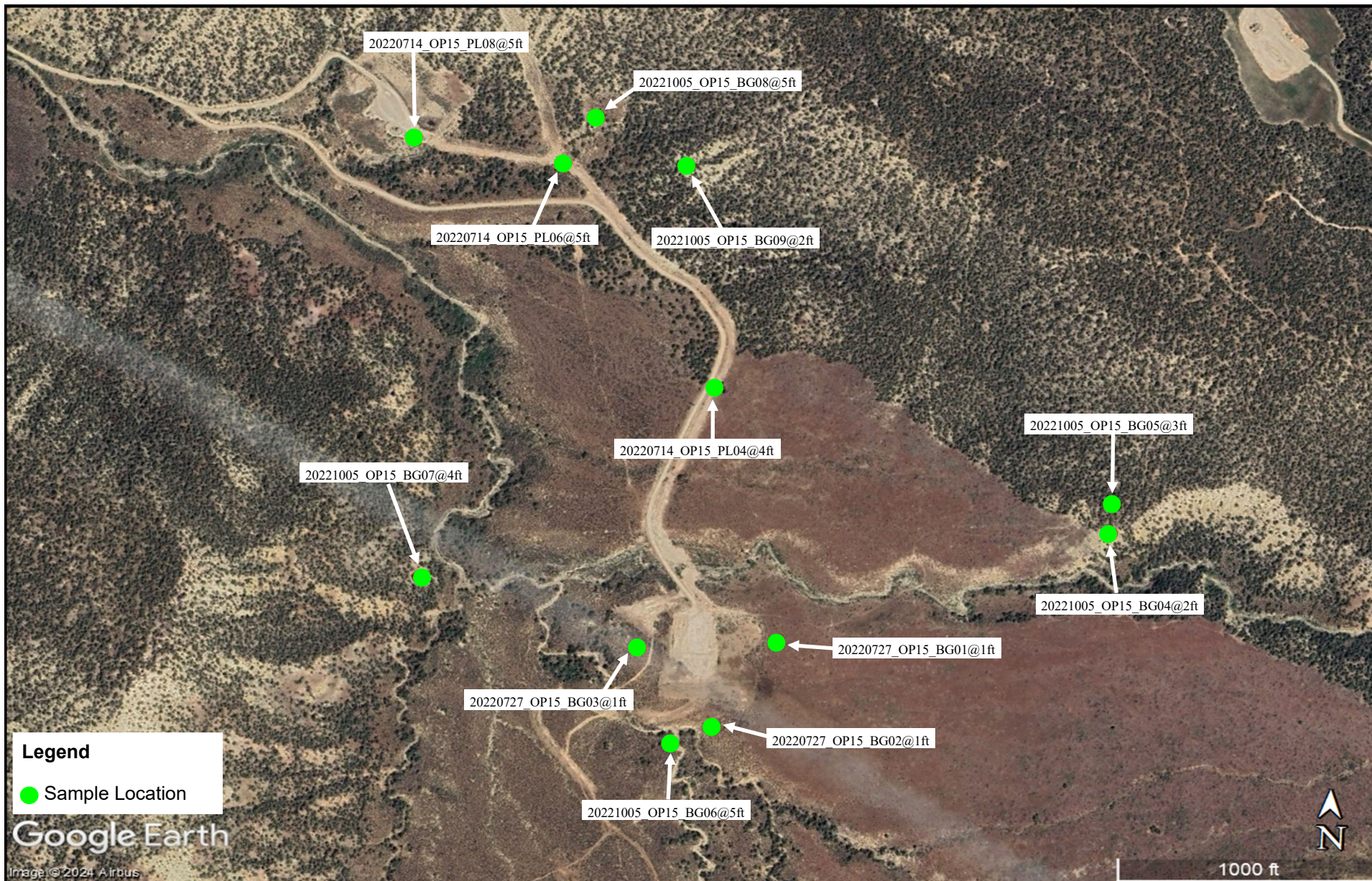
 <p>KLEINFELDER <i>Bright People. Right Solutions.</i></p> <p>www.kleinfelder.com</p>	PROJECT NO.	25002443.001A	Topographical Map	FIGURE 1
	DRAWN:	4/28/2025		
	DRAWN BY:	T. Schmalz	QB Energy Operating, LLC Remediation Project Number: 24190 OP15 to G15OU Pipeline SESE Sec. 15 T8S R96W Mesa County, Colorado	
	CHECKED BY:	J. Veith		
	FILE NAME:	OP15 Figure 1.pub		




 KLEINFELDER <i>Bright People. Right Solutions.</i> www.kleinfelder.com	PROJECT NO.	25002443.001A	Sample Location Map	FIGURE 2
	DRAWN:	4/28/2025		
	DRAWN BY:	T. Schmalz		
	CHECKED BY:	J. Veith	QB Energy Operating, LLC Remediation Project Number: 24190 OP15 to G15OU Pipeline SESE Sec. 15 T8S R96W Mesa County, Colorado	
	FILE NAME:	OP15 Sample Map.pub		




 KLEINFELDER <i>Bright People. Right Solutions.</i> www.kleinfelder.com	PROJECT NO.	25002443.001A	Sample Location Map	FIGURE 3
	DRAWN:	4/28/2025		
	DRAWN BY:	T. Schmalz		
	CHECKED BY:	J. Veith	QB Energy Operating, LLC Remediation Project Number: 24190 OP15 to G15OU Pipeline SESE Sec. 15 T8S R96W Mesa County, Colorado	
	FILE NAME:	OP15 Sample Map.pub		



 <p>KLEINFELDER <i>Bright People. Right Solutions.</i></p> <p>www.kleinfelder.com</p>	PROJECT NO.	25002443.001A	Sample Location Map	FIGURE 4
	DRAWN:	4/28/2025		
	DRAWN BY:	T. Schmalz	QB Energy Operating, LLC Remediation Project Number: 24190 OP15 to G15OU Pipeline SESE Sec. 15 T8S R96W Mesa County, Colorado	
	CHECKED BY:	J. Veith		
	FILE NAME:	OP15 Sample Map.pub		



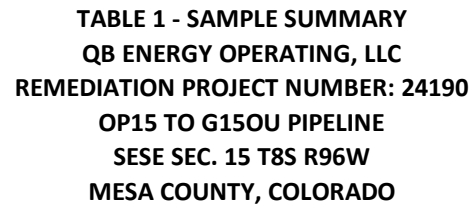
 <div>KLEINFELDER <i>Bright People. Right Solutions.</i> www.kleinfelder.com</div>	PROJECT NO.	25002443.001A	Sample Location Map	<div>FIGURE</div> <div>5</div>
	DRAWN:	4/28/2025		
	DRAWN BY:	T. Schmalz	QB Energy Operating, LLC Remediation Project Number: 24190 OP15 to G15OU Pipeline SESE Sec. 15 T8S R96W Mesa County, Colorado	
	CHECKED BY:	J. Veith		
	FILE NAME:	OP15 Sample Map.pub		

TABLES



TABLE 1 - SAMPLE SUMMARY
QB ENERGY OPERATING, LLC
REMEDIATION PROJECT NUMBER: 24190
OP15 TO G15OU PIPELINE
SESE SEC. 15 T8S R96W
MESA COUNTY, COLORADO

Sample ID	Sample Objective	Sample Date	Latitude	Longitude	PID Reading (PPM)	Hydrocarbon Odor Detected (Y/N)	Soil Staining Observed (Y/N)	Submitted for Laboratory Analysis (Y/N)	Comments
20220714_OP15_PL01@6ft	Assessment	7/14/2022	39.344977	-108.087083	1.3	N	N	Y	None
20220714_OP15_PL02@10ft	Assessment	7/14/2022	39.345338	-108.087354	< 1	N	N	N	None
20220714_OP15_PL03@10ft	Assessment	7/14/2022	39.345582	-108.087526	< 1	N	N	N	None
20220714_OP15_PL04@4ft	Assessment	7/14/2022	39.347734	-108.087098	< 1	N	N	Y	None
20220714_OP15_PL05@4ft	Assessment	7/14/2022	39.349280	-108.087878	< 1	N	N	N	None
20220714_OP15_PL06@5ft	Assessment	7/14/2022	39.350497	-108.089272	< 1	N	N	Y	None
20220714_OP15_PL07@6ft	Assessment	7/14/2022	39.350589	-108.090160	< 1	N	N	N	None
20220714_OP15_PL08@5ft	Assessment	7/14/2022	39.350709	-108.091159	2.1	N	N	Y	None
20220714_OP15_PL08TP_COMP	Assessment	7/14/2022	39.350766	-108.091301	1.2	N	N	N	None
20220727_OP15_BG01@1ft	Background	7/27/2022	39.344546	-108.086116	< 1	N	N	Y	None
20220727_OP15_BG02@1ft	Background	7/27/2022	39.343460	-108.086936	< 1	N	N	Y	None
20220727_OP15_BG03@1ft	Background	7/27/2022	39.344425	-108.087985	< 1	N	N	Y	None
20220831_OP15_PL01TP_COMP	Assessment	8/31/2022	39.344964	-108.087147	< 1	N	N	Y	None
20220831_OP15_PL06TP_COMP	Assessment	8/31/2022	39.350453	-108.089214	< 1	N	N	Y	None
20220831_OP15_PL01@8ft	Assessment	8/31/2022	39.344977	-108.087083	< 1	N	N	Y	None
20220831_OP15_PL01NWall@8ft	Assessment	8/31/2022	39.344989	-108.087094	< 1	N	N	Y	None
20220831_OP15_PL01EWall@8ft	Assessment	8/31/2022	39.344983	-108.087089	< 1	N	N	Y	None
20220831_OP15_PL01SWall@8ft	Assessment	8/31/2022	39.344975	-108.087089	< 1	N	N	Y	None
20220831_OP15_PL01WWall@8ft	Assessment	8/31/2022	39.344978	-108.087097	< 1	N	N	Y	None
20220831_OP15_PL06@7ft	Assessment	8/31/2022	39.350503	-108.089283	< 1	N	N	Y	None
20220831_OP15_PL06NWall@7ft	Assessment	8/31/2022	39.350508	-108.089289	< 1	N	N	Y	None
20220831_OP15_PL06EWall@7ft	Assessment	8/31/2022	39.350503	-108.089261	< 1	N	N	Y	None
20220831_OP15_PL06SWall@7ft	Assessment	8/31/2022	39.350489	-108.089256	< 1	N	N	Y	None
20220831_OP15_PL06WWall@7ft	Assessment	8/31/2022	39.350492	-108.089283	< 1	N	N	Y	None
20221005_OP15_BG04@2ft	Background	10/5/2022	39.346045	-108.081689	< 1	N	N	Y	None
20221005_OP15_BG05@3ft	Background	10/5/2022	39.346414	-108.081666	< 1	N	N	Y	None
20221005_OP15_BG06@5ft	Background	10/5/2022	39.343238	-108.087478	< 1	N	N	Y	None
20221005_OP15_BG07@4ft	Background	10/5/2022	39.345236	-108.090951	< 1	N	N	Y	None
20221005_OP15_BG08@5ft	Background	10/5/2022	39.351090	-108.088854	< 1	N	N	Y	None



Notes:
PID = Photo-ionization Detector

TABLE 2 - SOIL ANALYTICAL RESULTS
QB ENERGY OPERATING, LLC
REMEDATION PROJECT NUMBER: 24190
OP15 TO G15OU PIPELINE
SESE SEC. 15 T8S R96W
MESA COUNTY, COLORADO

Sample Objective	Background	Background	Background	Background	Background	Background	Background	Background	Background	Produced Fluid	Assessment	Assessment	
Location ID	OP15_BG01	OP15_BG02	OP15_BG03	OP15_BG04	OP15_BG05	OP15_BG06	OP15_BG07	OP15_BG08	OP15_BG09	OUSOURCE-(H160UT)	OP15_PL04	OP15_PL08	
Sample Date	7/27/2022	7/27/2022	7/27/2022	10/5/2022	10/5/2022	10/5/2022	10/5/2022	10/5/2022	10/5/2022	12/12/2023	7/14/2022	7/14/2022	
Sample ID	20220727_OP15_BG01@1ft	20220727_OP15_BG02@1ft	20220727_OP15_BG03@1ft	20221005_OP15_BG04@2ft	20221005_OP15_BG05@3ft	20221005_OP15_BG06@5ft	20221005_OP15_BG07@4ft	20221005_OP15_BG08@2ft	20221005_OP15_BG09@2ft	20231212-OUSOURCE-(H160UT)@11:00	20220714_OP15_PL04@4ft	20220714_OP15_PL08@5ft	
Sample Depth (ft bgs)	1	1	1	2	3	5	4	2	2	N/A	4	5	
Contaminant of Concern	Cleanup Concentration (mg/kg unless otherwise noted)												
Soil TPH (total volatile [C6-C10] and extractable [C10-C36] hydrocarbons)	500	NM	NM	NM	NM	NM	NM	NM	NM	NM	76.9956 J	17.9562 J	
TPH Low Fraction GRO (C6-C10)		NM	NM	NM	NM	NM	NM	NM	NM	NM	0.0956 J	0.0862 J	
DRO (C10-C28)		NM	NM	NM	NM	NM	NM	NM	NM	NM	24.9	6.27	
MRO (C28-C36)		NM	NM	NM	NM	NM	NM	NM	NM	NM	52.0	11.6	
Soils and Groundwater - liquid hydrocarbons including condensate and oil	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	NM	Below Visual Detection Limits	Below Visual Detection Limits	
Electrical conductivity (EC) (by saturated paste method)	<4mmhos/cm	0.12	0.428	0.764	0.221	0.254	3.460	2.270	0.298	0.339	NM	2.010	0.780
Sodium adsorption ratio (SAR) (by saturated paste method)	<6 SAR units	0.355	5.15	11.9	6.14	0.749	6.16	0.0437	3.80	3.54	NM	3.98	1.05
pH (by saturated paste method)	6-8.3 pH units	7.82 T8	8.59 T8	8.80	8.70 T8	8.12 T8	7.95 T8	7.56 T8	9.43 T8	8.22 T8	7.29 T8	8.12 T8	8.16 T8
Boron (hot water soluble soil extract)	2 mg/L	0.234	0.206	0.159 J	0.344	ND	0.272	ND	0.257	0.264	NM	0.542	1.23
Organic Compounds in Soils	Residential Soil Screening Level Concentrations												
benzene	1.2	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	U	0.00168
toluene	490	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	0.00638	0.00913
ethylbenzene	5.8	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	U	U
xylene (sum of o-, m- and p- isomers = total xylenes)	58	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	U	0.00160 J
1,2,4-trimethylbenzene	30	U	U	U	NM	NM	NM	NM	NM	NM	NM	U	U
1,3,5-trimethylbenzene	27	U	U	U	NM	NM	NM	NM	NM	NM	NM	U	U
acenaphthene	360	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	U	U
anthracene	1800	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	U	U
benzo[a]anthracene	1.1	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	U	U
benzo[b]fluoranthene	1.1	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	U	U
benzo[k]fluoranthene	11	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	U	U
benzo[a]pyrene	0.11	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	U	U
chrysene	110	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	U	U
dibenz[a,h]anthracene	0.11	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	U	U
fluoranthene	240	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	U	U
fluorene	240	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	U	U
indeno[1,2,3-cd]pyrene	1.1	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	U	U
pyrene	180	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	U	U
1-methylnaphthalene	18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	U	U
2-methylnaphthalene	24	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	U	U
naphthalene	2	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	U	U
Metals in Soils	Residential Soil Screening Level Concentrations												
arsenic	0.68	5.88	4.42	8.47		7.17	6.41 J J B O1	23.2	5.11	6.95	<0.0100 ND	10.5	10.6
barium	15000	195	187	202	163 J J J5	213	178	270	280	284	NM	267	228
cadmium	71	0.277 J	0.252 J	0.335 J	ND	ND	ND	ND	ND	ND	NM	0.159 J	U
chromium (VI)	0.3	U	U	U	ND	ND	ND	1.38	ND	ND	ND J J J5	U	U
copper	3100	24.2	15.5	18.9	12.5	12.9	13.4	17.3	17.9	17.9	NM	19.0	18.7
lead	400	14.0	10.6	10.7	9.91	12.0	10.9	13.9	11.0	12.0	NM	12.2	9.60
nickel	1500	24.5	14.3	19.9	13.0 O1	16.1	11.7	5.31	19.5	20.0	NM	20.0	32.0
selenium	300	U	U	U	ND	ND	ND	ND	ND	ND	NM	U	U
silver	390	U	U	U	ND O1	ND	ND	ND	ND	ND	NM	U	U
zinc	23000	74.4	61.6	54.3 O1	42.2	37.5	50.5	34.1	46.1	41.6	NM	50.3	45.6

NOTES:

Greater than Table 915-1 Residential Soil Screening Level (RSSI) Concentrations

Greater than Table 915-1 Standards, but less than adjusted standards (highest background level is the adjusted standard for inorganics; 1.25X highest background level for metals).

Greater than Table 915-1 Residential Soil Screening Level (RSSI) Concentrations, but less than the produced fluid sample results

TABLE 2 - SOIL ANALYTICAL RESULTS
QB ENERGY OPERATING, LLC
REMEDATION PROJECT NUMBER: 24190
OP15 TO G15OU PIPELINE
SESE SEC. 15 T8S R96W
MESA COUNTY, COLORADO

Sample Objective	Assessment	Assessment	Assessment	Assessment	Assessment	Assessment	Assessment	Assessment	Assessment	Assessment	Assessment	Assessment	
Location ID	OP15_PL01	OP15_PL01TP	OP15_PL01NWALL	OP15_PL01EWALL	OP15_PL01SWALL	OP15_PL01WWALL	OP15_PL01	OP15-(PL01-EW)	OP15-(PL01-SW)	OP15-(PL01-WW)	OP15-(PL01-NW)	OP15-(PL01)	
Sample Date	7/14/2022	8/31/2022	8/31/2022	8/31/2022	8/31/2022	8/31/2022	8/31/2022	7/21/2023	7/21/2023	7/21/2023	7/21/2023	7/21/2023	
Sample ID	20220714_OP15_PL01@6ft	20220831_OP15_PL01TP_C-OMP	20220831_OP15_PL01NWWALL@8ft	20220831_OP15_PL01EWWALL@8ft	20220831_OP15_PL01SWALL@8ft	20220831_OP15_PL01WWALL@8ft	20220831_OP15_PL01@8ft	20230721-OP15-(PL01-EW)@10	20230721-OP15-(PL01-SW)@10	20230721-OP15-(PL01-WW)@10	20230721-OP15-(PL01-NW)@10	20230721-OP15-(PL01)@10	
Sample Depth (ft bgs)	6	G5	8	8	8	8	8	10	10	10	10	10	
Contaminant of Concern	Cleanup Concentration (mg/kg unless otherwise noted)												
Soil TPH (total volatile [C8-C10] and extractable [C10-C36] hydrocarbons)	23.516	38.507 B	14.611	28.960	19.108	36.725	17.824	13.656 B J	59.916 B J6	28.1076 B J	17.3868 B J	0.877 B J	
TPH Low Fraction GRO (C6-C10)	0.146	0.137 B	0.111	0.190	0.108	0.125	0.124	0.116 B	0.116 B	0.0876 B J	0.0868 B J	0.115 B	
DRO (C10-C28)	4.87	30.4	4.97	4.30	8.90	2.64 J	10.4 J6	6.92	2.90 J	2.90 J	0.161 U	0.161 U	
MRO (C28-C36)	18.5	7.97	14.5	23.8	14.7	27.7	17.7	10.9	49.4	21.1	14.40	0.762 J	
Soils and Groundwater - liquid hydrocarbons including condensate and oil	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	
Electrical conductivity (EC) (by saturated paste method)	<4mmhos/cm	7.060	2.310	3.920	9.630	6.850	6.190	7.060	0.992	3.700	1.020	0.308	0.457
Sodium adsorption ratio (SAR) (by saturated paste method)	<6 SAR units	17.0	14.0	10.8	31.1	19.7	18.5	19.4	2.86	19.9	3.44	1.97	3.71
pH (by saturated paste method)	6-8.3 pH units	7.95	8.12 T8	8.03 T8	8.23 T8	8.08 T8	8.07 T8	8.14 T8	8.28 T8	8.38 T8	8.32 T8	8.72 T8	8.44 T8
Boron (hot water soluble soil extract)	2 mg/L	1.38	1.08	0.951	1.73	1.32	1.27	1.15	1.13	1.77	0.843	0.819	0.872
Organic Compounds in Soils	Residential Soil Screening Level Concentrations												
benzene	1.2	U	ND	ND	ND	ND	ND	ND	<0.000467 U	<0.000467 U	<0.000467 U	<0.000467 U	
toluene	490	0.00643	ND	ND	ND	ND	ND	ND	<0.00130 U	<0.00130 U	<0.00130 U	<0.00130 U	
ethylbenzene	5.8	U	ND	ND	ND	ND	ND	ND	<0.000737 U	<0.000737 U	<0.000737 U	<0.000737 U	
xylenes (sum of o-, m- and p- isomers + total xylenes)	58	U	ND	ND	ND	ND	ND	ND	<0.000880 U	<0.000880 U	<0.000880 U	<0.000880 U	
1,2,4-trimethylbenzene	30	U	ND	ND	ND	ND	ND	ND	<0.00158 U	<0.00158 U	<0.00158 U	<0.00158 U	
1,3,5-trimethylbenzene	27	U	ND	ND	ND	ND	ND	ND	<0.00200 U	<0.00200 U	<0.00200 U	<0.00200 U	
acenaphthene	360	U	ND	ND	ND	ND	ND	ND	<0.00209 U	<0.00209 U	<0.00209 U	<0.00209 U	
anthracene	1800	U	ND	ND	ND	ND	ND	ND	<0.00230 U	<0.00230 U	<0.00230 U	<0.00230 U	
benzo[a]anthracene	1.1	U	ND	ND	ND	ND	ND	ND	<0.00173 U	<0.00173 U	<0.00173 U	<0.00173 U	
benzo[b]fluoranthene	1.1	U	ND	ND	ND	ND	ND	ND	<0.00153 U	<0.00153 U	<0.00153 U	<0.00153 U	
benzo[k]fluoranthene	11	U	ND	ND	ND	ND	ND	ND	<0.00215 U	<0.00215 U	<0.00215 U	<0.00215 U	
benzo[a]pyrene	0.11	U	ND	ND	ND	ND	ND	ND	<0.00179 U	<0.00179 U	<0.00179 U	<0.00179 U	
chrysene	110	U	ND	ND	ND	ND	ND	ND	<0.00232 U	<0.00232 U	<0.00232 U	<0.00232 U	
dibenz[a,h]anthracene	0.11	U	ND	ND	ND	ND	ND	ND	<0.00172 U	<0.00172 U	<0.00172 U	<0.00172 U	
fluoranthene	240	U	ND	ND	ND	ND	ND	ND	<0.00227 U	<0.00227 U	<0.00227 U	<0.00227 U	
fluorene	240	U	ND	ND	ND	ND	ND	ND	<0.00205 U	<0.00205 U	<0.00205 U	<0.00205 U	
indeno[1,2,3-cd]pyrene	1.1	U	ND	ND	ND	ND	ND	ND	<0.00181 U	<0.00181 U	<0.00181 U	<0.00181 U	
pyrene	180	U	ND	ND	ND	ND	ND	ND	<0.00200 U	<0.00200 U	<0.00200 U	<0.00200 U	
1-methylnaphthalene	18	U	ND	ND	ND	ND	ND	ND	<0.00449 U	<0.00449 U	<0.00449 U	<0.00449 U	
2-methylnaphthalene	24	U	ND	ND	ND	ND	ND	ND	<0.00427 U	<0.00427 U	<0.00427 U	<0.00427 U	
naphthalene	2	U	ND	ND	ND	ND	ND	ND	<0.00408 U	<0.00408 U	<0.00408 U	<0.00408 U	
Metals in Soils	Residential Soil Screening Level Concentrations												
arsenic	0.68	9.92	4.44	7.12	9.87	8.58	7.97	4.87	8.26	5.66	7.14	10.0	2.96
barium	15000	228	160 J5	218	230	205	210	178	237	193	213	244	166
cadmium	71	0.106 J	ND	ND	ND	ND	ND	ND	0.276 J	0.263 J	0.298 J	0.371 J	0.240 J
chromium (VI)	0.3	U	ND	ND	ND	ND	ND	ND	<0.255 U	<0.255 U	<0.255 U	<0.255 U	<0.255 U
copper	3100	20.1	11.8	15.0	18.0	16.0	12.7	11.5	12.1	14.0	17.3	11.9	11.9
lead	400	11.2	8.53	11.40	12.60	11.60	10.90	8.43	9.43	8.14	9.73	11.5	7.58
nickel	1500	24.4	12.4	16.9	17.4	15.9	12.9	12.9	20.0	12.2	12.3	16.6	9.87
selenium	390	1.17 J	ND	ND	ND	ND	ND	ND	0.422 J	0.424 J	0.427 J	0.585 J	0.340 J
silver	390	U	ND	ND	ND	ND	ND	ND	<0.0865 U	<0.0865 U	<0.0865 U	<0.0865 U	<0.0865 U
zinc	23000	56.7	35.4	50.3	49.2	46.3	40.5	38.3	47.4	41.0	43.2	55.3	34.1

NOTES:

Greater than Table 915-1 Residential S

Greater than Table 915-1 Standards, b

Greater than Table 915-1 Residential S

TABLE 2 - SOIL ANALYTICAL RESULTS
QB ENERGY OPERATING, LLC
REMEDATION PROJECT NUMBER: 24190
OP15 TO G15OU PIPELINE
SESE SEC. 15 T8S R96W
MESA COUNTY, COLORADO

Sample Objective	Assessment	Assessment	Assessment	Assessment	Assessment	Assessment	Assessment	Assessment	Assessment	Assessment	Assessment	Assessment	
Location ID	OP15_PL06	OP15_PL06N	OP15_PL06EW	OP15_PL06SWALL	OP15_PL06WWALL	OP15_PL06	OP15_PL06TP	OP15-(PL06-NW)	OP15-(PL06-EW)	OP15-(PL06-SW)	OP15-(PL06-WW)	OP15-(PL06)	
Sample Date	7/14/2022	8/31/2022	8/31/2022	8/31/2022	8/31/2022	8/31/2022	8/31/2022	7/21/2023	7/21/2023	7/21/2023	7/21/2023	7/21/2023	
Sample ID	20220714_OP15_PL06@5ft	20220831_OP15_PL06NWA LL@7ft	20220831_OP15_PL06EWAL L@7ft	20220831_OP15_PL06SWAL L@7ft	20220831_OP15_PL06WWA LL@7ft	20220831_OP15_PL06@7ft	20220831_OP15_PL06TP_C OMP	20230721-OP15-(PL06- NW)@9	20230721-OP15-(PL06- EW)@9	20230721-OP15-(PL06- SW)@9	20230721-OP15-(PL06- WW)@9	20230721-OP15-(PL06)@9	
Sample Depth (ft bgs)	5	7	7	7	7	7	GS	9	9	9	9	9	
Contaminant of Concern	Cleanup Concentration (mg/kg unless otherwise noted)												
Soil TPH (total volatile [C8-C10] and extractable [C10-C36] hydrocarbons)	23.9956 J	30.800	18.266	31.130	15.230	6.920	19.090	9.5239 B J	2.238 B J	1.1612 B J	35.4205 B J	18.3011 B J	
TPH Low Fraction GRO (C6-C10)	0.0656 J	0.120	0.126	0.110	ND	ND	ND	0.0939 B J	0.118 B	0.0612 B J	0.0805 B J	0.0711 B J	
DRO (C10-C28)	8.23	8.48	6.64	8.12	4.13	ND	5.19	2.20 J	<0.161 U	<0.161 U	9.84	3.63	
MRO (C28-C36)	15.7	22.2	11.5	22.9	11.1	6.92	13.9	7.23	2.12 J	1.10 J	25.5	14.6	
Soils and Groundwater - liquid hydrocarbons including condensate and oil	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	
Electrical conductivity (EC) (by saturated paste method)	<4mmhos/cm	2.050	1.280	4.810	ND	3.740	4.030	4.060	1.050	1.910	0.960	1.270	0.835
Sodium adsorption ratio (SAR) (by saturated paste method)	<6 SAR units	28.3	14.2	33.0	26.5	38.8	42.3	32.2	4.87	6.39	4.64	4.66	6.55
pH (by saturated paste method)	6-8.3 pH units	9.08 TB	8.52 TB	8.77 TB	8.60 TB	8.76 TB	8.05 TB	8.87 TB	9.52 TB	9.50 TB	9.67 TB	9.03 TB	9.80 TB
Boron (hot water soluble soil extract)	2 mg/L	0.667	1.36	1.69	1.35	1.42	1.61	1.53	1.01	1.11	1.00	1.08	0.635
Organic Compounds in Soils	Residential Soil Screening Level Concentrations												
benzene	1.2	U	ND	ND	ND	ND	ND	ND	<0.000467 U	<0.000467 U J3	<0.000467 U	<0.000467 U	<0.000467 U
toluene	490	0.00656	ND	ND	ND	ND	ND	ND	<0.00130 U	<0.00130 U J3	<0.00130 U	<0.00130 U	<0.00130 U
ethylbenzene	5.8	U	ND	ND	ND	ND	ND	ND	<0.000737 U	<0.000737 U J3	<0.000737 U	<0.000737 U	<0.000737 U
xylenes (sum of o-, m- and p- isomers + total xylenes)	58	U	ND	ND	ND	ND	ND	ND	<0.000880 U	<0.000880 U J3	<0.000880 U	<0.000880 U	0.000950 J
1,2,4-trimethylbenzene	30	U	ND	ND	ND	ND	ND	ND	<0.00158 U	<0.00158 U J3	<0.00158 U	<0.00158 U	<0.00158 U
1,3,5-trimethylbenzene	27	U	ND	ND	ND	ND	ND	ND	<0.00200 U	<0.00200 U J3	<0.00200 U	<0.00200 U	<0.00200 U
acenaphthene	360	U	ND	ND	ND	ND	ND	ND	<0.00209 U	<0.00209 U	<0.00209 U	<0.00209 U	<0.00209 U
anthracene	1800	U	ND	ND	ND	ND	ND	ND	<0.00230 U	<0.00230 U	<0.00230 U	<0.00230 U	<0.00230 U
benzo[a]anthracene	1.1	U	ND	ND	ND	ND	ND	ND	<0.00173 U	<0.00173 U	<0.00173 U	<0.00173 U	<0.00173 U
benzo[b]fluoranthene	1.1	U	ND	ND	ND	ND	ND	ND	<0.00153 U	<0.00153 U	<0.00153 U	<0.00153 U	<0.00153 U
benzo[k]fluoranthene	11	U	ND	ND	ND	ND	ND	ND	<0.00215 U	<0.00215 U	<0.00215 U	<0.00215 U	<0.00215 U
benzo[a]pyrene	0.11	U	ND	ND	ND	ND	ND	ND	<0.00179 U	<0.00179 U	<0.00179 U	<0.00179 U	<0.00179 U
chrysene	110	U	ND	ND	ND	ND	ND	ND	<0.00232 U	<0.00232 U	<0.00232 U	<0.00232 U	<0.00232 U
dibenzo[a,h]anthracene	0.11	U	ND	ND	ND	ND	ND	ND	<0.00172 U	<0.00172 U	<0.00172 U	<0.00172 U	<0.00172 U
fluoranthene	240	U	ND	ND	ND	ND	ND	ND	<0.00227 U	<0.00227 U	<0.00227 U	<0.00227 U	<0.00227 U
fluorene	240	U	ND	ND	ND	ND	ND	ND	<0.00205 U	<0.00205 U	<0.00205 U	<0.00205 U	<0.00205 U
indeno[1,2,3-cd]pyrene	1.1	U	ND	ND	ND	ND	ND	ND	<0.00181 U	<0.00181 U	<0.00181 U	<0.00181 U	<0.00181 U
pyrene	180	U	ND	ND	ND	ND	ND	ND	<0.00200 U	<0.00200 U	<0.00200 U	<0.00200 U	<0.00200 U
1-methylnaphthalene	18	U	ND	ND	ND	ND	ND	ND	<0.00449 U	<0.00449 U	<0.00449 U	<0.00449 U	<0.00449 U
2-methylnaphthalene	24	U	ND	ND	ND	ND	ND	ND	<0.00427 U	<0.00427 U	<0.00427 U	<0.00427 U	<0.00427 U
naphthalene	2	U	ND	ND	ND	ND	ND	ND	<0.00408 U	<0.00408 U	<0.00408 U	<0.00408 U	<0.00408 U
Metals in Soils	Residential Soil Screening Level Concentrations												
arsenic	0.68	14.7	9.61	9.63	12.8	12.0	8.62	11.4	11.1	9.77	7.20	11.2	9.14
barium	15000	316	237	204	233	220	181	213	232	210	319	210	319
cadmium	71	0.0985 J	ND	ND	ND	ND	ND	ND	0.235 J	0.195 J	0.198 J	0.272 J	0.257 J
chromium (VI)	0.3	U	ND	ND	ND	ND	ND	ND	<0.255 U	<0.255 U	<0.255 U	<0.255 U	<0.255 U
copper	3100	16.2	15.2	16.0	15.7	15.6	16.9	15.5	16.4	11.2	14.1	12.4	12.4
lead	400	11.4	9.02	9.83	11.3	9.28	9.28	9.30	10.4	8.70	8.16	9.82	8.50
nickel	1500	21.8	19.2	21.7	23.2	23.3	31.8	21.2	26.8	17.8	14.5	18.1	23.2
selenium	390	U	ND	ND	ND	ND	ND	ND	1.11 J	0.660 J	0.273 J	0.512 J	0.483 J
silver	390	U	ND	ND	ND	ND	ND	ND	<0.0865 U	<0.0865 U	<0.0865 U	<0.0865 U	<0.0865 U
zinc	23000	43.5	37.4	37.0	36.4	35.9	36.3	37.5	39.8	37.8	33.0	39.1	34.7

NOTES:

Greater than Table 915-1 Residential S

Greater than Table 915-1 Standards, b

Greater than Table 915-1 Residential S