

REPORT OF WORK COMPLETION (ROWC)

Property:

**B11BW Dumpline Release
QB Energy Operating, LLC
Garfield County, Colorado
Remediation Project Number: TBD**

March 27, 2026
Ensolum Project No. 09D2436046

Prepared for:

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1.0 INTRODUCTION

Ensolum, LLC (Ensolum) was contracted by QB Energy Operating (QB Energy) to complete soil assessment activities at the B11BW Dumpline Failure location, also known as the Site, located in Garfield County, Colorado. The soil assessment screening and sampling was conducted in accordance with Colorado Energy & Carbon Management Commission (ECMC) guidelines.

1.1 Site Description

The Site is located approximately 5.07 miles southeast of Rifle, Colorado within the Mamm Creek Field. The topography in the area slopes to the northeast. Land use in the area primarily consists of rangeland and oil & gas operations. The nearest surface water feature is a riverine located approximately 289 feet east of the point of release (POR) and four feet lower in elevation. According to the Division of Water Resources (DWR), the nearest constructed water well, Receipt Number 10021188, is located approximately 912 feet north of the Site and 24 feet lower in elevation than the POR. The well was drilled to a depth of approximately 218 feet below ground surface (bgs) and has a recorded depth to groundwater of 60 feet bgs. Based on the elevation difference and the static groundwater level, groundwater is estimated to be approximately 80 feet bgs.

1.2 Site Background

On February 9, 2026, pipeline failure was discovered through automatic trending. The Site operator performed a pressure test to confirm the suspected failure, resulting in the release of approximately 59 barrels (bbls) of produced water into the surrounding soil. The pad was immediately isolated and shut in to prevent any further release and no liquids were observed to have mitigated offsite. Additional investigation of the incident revealed that the pipeline failure was the result of internal pipe corrosion, with a pinhole observed in the line. The line was replaced and clean-up operations remain ongoing.

2.0 FIELD ACTIVITIES

2.1 Initial Assessment

Between February 12, 2026 and February 16, 2026, initial soil sampling activities were conducted at the Site. One (1) soil sample was collected, (B11BW-(POR)@5), at the POR from a depth of approximately 5 feet below ground surface (bgs). Thirteen (13) soil samples (B11BW-(SB01)@5, 10, 15, 20, 25, 30, and 35, and B11BW-(SB02)@ 5, 10, 15, 20, 25, 30, and 35) were also collected at a boring 6 feet west and 23 feet east of the POR. Samples were collected every 5 feet bgs to maximum depth of 35 feet bgs. All soil samples were field screened for volatile organic compound (VOC) concentrations using a photoionization detector (PID) and exhibited readings ranging between 0.5 parts per million (ppm) to 1771 ppm. All samples were placed in laboratory-provided containers, preserved on ice, and transported under a documented chain-of-custody. The samples were submitted to Elevation Diagnostics (Elevation) for analysis. Laboratory analyses were for the ECMC full table 915-1 parameter list with a standard turnaround request time.

Analytical results from samples collected between February 12, 2026 and February 16, 2026 indicated the following:

- Soil sample B11BW-(POR)@5 exceeded ECMC groundwater soil screening level (GSSL) standards for total petroleum hydrocarbons (TPH)-gasoline range organics (GRO), TPH-diesel range organics (DRO), TPH-oil range organics (ORO), benzene, toluene, ethylbenzene, total xylenes, 1,2,4-trimethylbenzenes (TMBs), 1,3,5-TMBs, 1-methylnaphthalene, 2-methylnaphthalene, naphthalene, electrical conductivity (EC), sodium absorption ratio (SAR), pH, arsenic, barium, and selenium.
- Soil sample B11BW-(SB01)@10 exceeded ECMC GSSL standards for 1,3,5-TMBs, arsenic, barium, and selenium.
- Soil samples B11BW-(SB01)@5,15,20,25,30,35, B11BW-(SB02)@5,15,20,25,30, and 35 exceeded ECMC GSSL standards for pH, arsenic, barium, and selenium.
- Soil samples B11BW-(SB01)@5, 15, 20, 25, 30, and 35 exceeded ECMC GSSL standards for 1,2,4-TMBs, and 1,3,5-TMBs.
- Soil sample B11BW-(SB01)@15 exceeded ECMC GSSL standards for 1-methylnaphthalene, 2-methylnaphthalene, and naphthalene.
- Soil sample B11BW-(SB01)@20 exceeded ECMC GSSL standards for benzene, 1-methylnaphthalene, 2-methylnaphthalene, and copper.
- Soil sample B11BW-(SB01)@25 exceeded ECMC GSSL standards for benzene.

A general site location map is included as Figure 1 and the Site Map displaying the location of the site on aerial imagery is included as Figure 2. Soil sample locations are included as Figure 3. The photographic log is included as Appendix C.

2.2 Drilling Assessment

From February 26, 2026 through February 27, 2026, three (3) soil borings (B11BW-(SB03)@5, 10, 15, 20, 25, 30, 35, B11BW-(SB04)@5, 10, 15, 20, 25, 30, 35 and B11BW-(SB05)@5, 10, 15, 20, 25, 30, 35) were completed to the west, east, and south of the POR to a depth of 35 feet bgs. Seven (7) samples were collected from each boring at depths ranging from 5 feet to 35 feet bgs. The soil samples were field screened for VOC concentrations using a PID and exhibited readings ranging from 0.0 ppm to 1.7 ppm. All samples were placed in laboratory-provided containers, preserved on ice, and transported under a documented chain-of-custody. The samples were submitted to Elevation for analysis of the full table 915-1 analytical suite with a standard turnaround request time.

Two (2) ten-point composite samples (B11BW-(STOCK01) and B11BW-(STOCK02)) were collected from the onsite stockpiles. The composite samples were field screened for VOC concentrations using a PID and exhibited readings ranging from 195.7 to 369.0 ppm. The samples were submitted to Elevation for analysis of the full Table 915-1 analytical suite with a standard turnaround request.

Analytical results from samples collected between February 26, 2026 and February 27, 2026 indicated the following:

- Soil sample B11BW-(SB03)@5 exceeded ECMC GSSL standards for 1,2,4-TMBs, and 1,3,5-TMBs.
- Soil samples B11BW-(SB03)@15 exceeded ECMC GSSL standards for 1-methylnaphthalene.
- Soil samples B11BW-(STOCK01) and B11BW-(STOCK02) exceeded ECMC GSSL standards for 1-methylnaphthalene, 2-methylnaphthalene, and 1,2,4-TMBs.
- Soil sample B11BW-(STOCK02) exceeded ECMC GSSL standards for 1,3,5-TMBs.
- Soil samples (B11BW-(SB03)@ 15, 25, and 30, 35, B11BW-(SB04)@30, and 35, and B11BW-(SB05)@10, 15, 20, 25, 30, and 35 exceeded ECMC GSSL standards for cadmium.
- Soil sample B11BW-(SB03)@35 exceeded ECMC GSSL standards for lead.
- Soil sample B11BW-(STOCK02) exceeded ECMC GSSL standards for SAR.
- Soil samples B11BW-(SB03)@5, 10, 15, 20, 25, 30, 35, B11BW-(SB04)@5, 10, 15, 20, 25, 30, 35 and B11BW-(SB05)@5, 10, 15, 20, 25, 30, 35 exceeded ECMC GSSL standards for pH, arsenic, barium, nickel, and selenium.

2.3 Source Water and Groundwater Sampling

On February 12, 2026, one (1) source water sample (20260212-MCSOURCE-(B11BW-T)) was collected from the on-site storage tank and submitted to Elevation for analysis of Table 915-1 Metals and pH.

On February 19, 2026, one (1) additional source water sample (20260219-MCSOURCE-(B11BW-T)) was collected from the on-site storage tank and submitted to Elevation for analysis of 915-1 metals, the full Table 915-1, chromium 6, and pH. Additionally, one groundwater sample was collected from the landowner's water well (MCWP-(Martindale Res)) and submitted to Elevation for analysis of Table 615, 915-1 metals, the full Table 915-1, and pH.

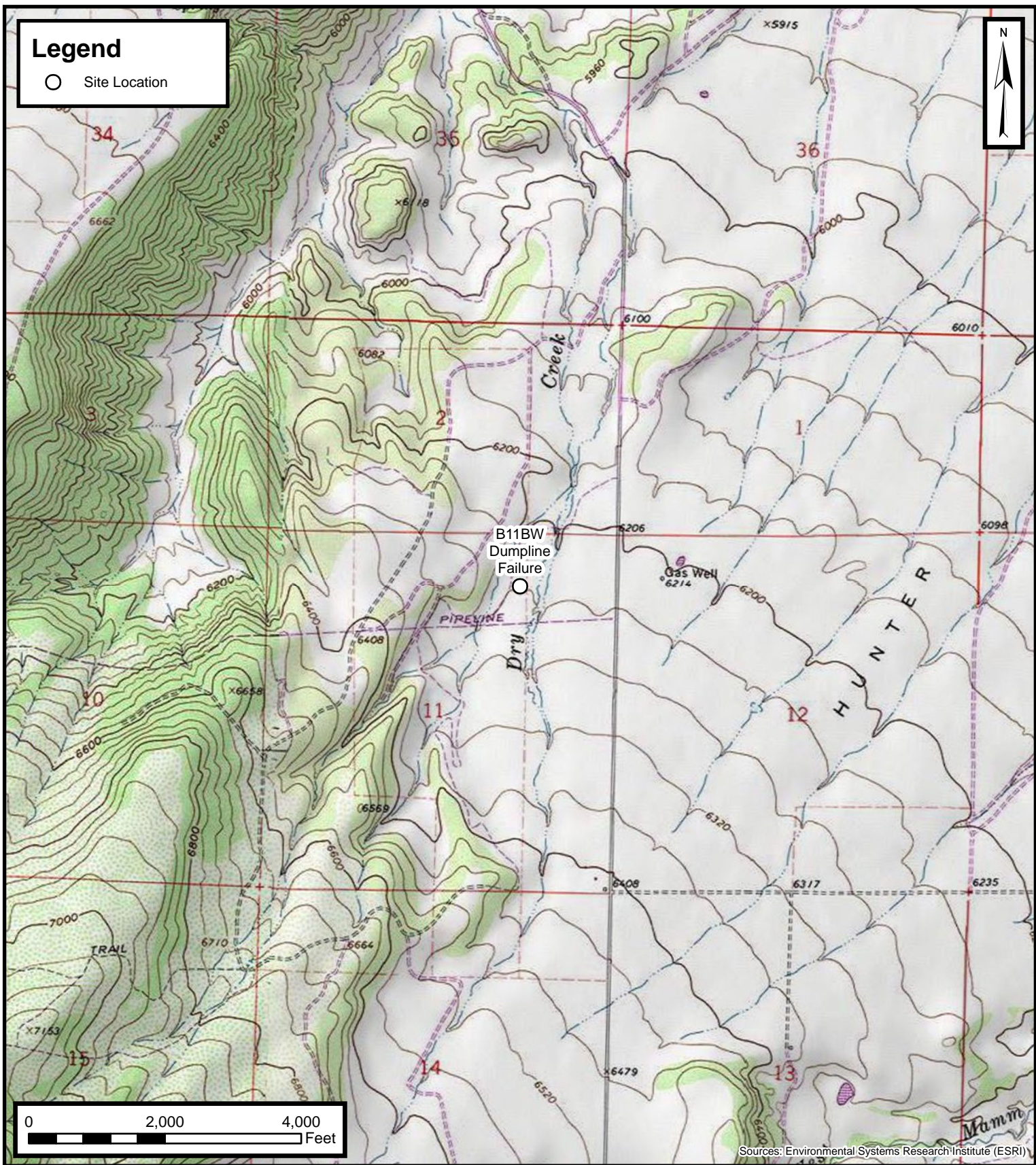
3.0 FINDINGS AND CONCLUSIONS

Based on analytical results from the February 12, 2026 source water sampling, the source water fluid has arsenic values ranging from 0.00141 to 0.00155 mg/L, barium values ranging from 49.13496 to 60.10987 mg/L, non-detect cadmium values, copper values ranging from 0.05975 to 0.06368 mg/L, selenium values of <0.00099 mg/L, and pH values ranging from 6.91 to 7.19. Therefore, all metal and pH exceedances identified in soil samples B11BW-(POR)@5, B11BW-(SB01)@5, B11BW-(SB01)@10, B11BW-(SB01)@15, B11BW-(SB01)@20, B11BW-(SB01)@25, B11BW-(SB01)@30, B11BW-(SB01)@35, B11BW-(SB02)@5,15,20,25,30,35, B11BW-(SB03)@5,10,15,20,25,30,35, B11BW-(SB04)@5,10,15,20,25,30,35 and B11BW-(SB05)@5,10,15,20,25,30,35 do not appear to be associated with the February 9, 2026, release.

Based on all assessment data, it is proposed that impacted soil be excavated from the release area to an approximate depth of 10 feet bgs. It is recommended to excavate horizontally in all four (4) cardinal directions until sidewall samples are below ECMC standards.

Additionally, Ensolum concludes that there is no reasonable pathway for groundwater migration within the investigation area. According to data from the DWR records, the nearest constructed water well is approximately 912 feet north of the Site and 24 feet lower in elevation, with a recorded depth to groundwater of 60 feet bgs. Groundwater at the Site is estimated to be approximately 80 feet bgs, indicating minimal potential for impact from the release. The groundwater sample collected from the landowner's water well also showed no apparent contamination from the release, with the exceedance of chloride being significantly lower than the chloride exceedance in the source water sample. Ensolum recommends a request to the ECMC for use of Table 915-1 residential soil screening levels (RSSL) cleanup concentrations and a reduced analytical suite of TPH-GRO, TPH-DRO, TPH-ORO, ethylbenzene, total xylenes, 1,2,4-TMBs, 1,3,5 TMBs, EC, and SAR only.

In accordance with ECMC Rule 913, Ensolum recommends submittal of an Initial Form 27. Remediation and assessment activities will continue until soil impacts above ECMC standards are not encountered. A Supplemental Form 27 will be submitted on a quarterly basis until a no further action (NFA) determination is attained. Field screening data and applicable laboratory analytical results will be reported in all submittals.



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Topographic Map
 B11BW Dumpline Failure
 QB Energy Operating, LLC
 39.465160, -107.738150
 Garfield County, CO
 Project Number: 09D2436046

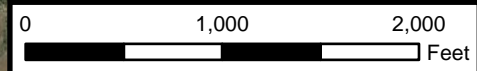
FIGURE
1

Legend

○ Site Location



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Sources: Environmental Systems Research Institute (ESRI)



Aerial Site Location Map

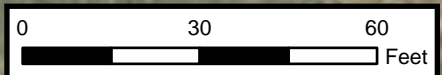
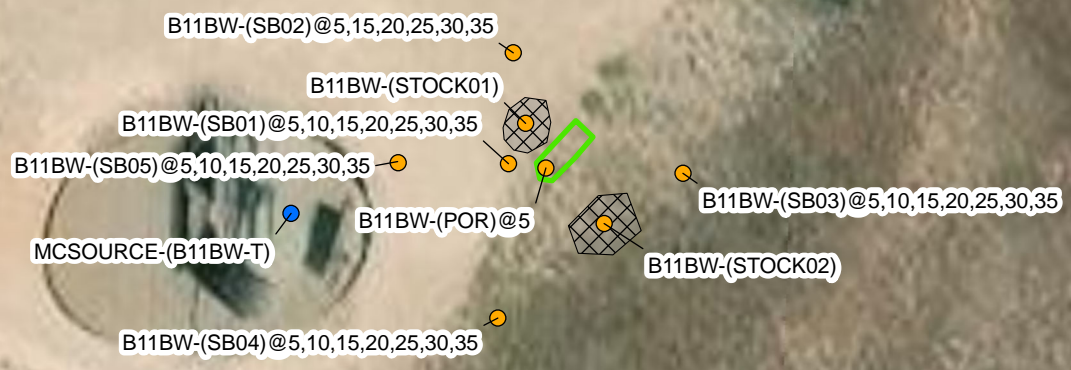
B11BW Dumpline Failure
QB Energy Operating, LLC
39.465160, -107.738150
Garfield County, CO

Project Number: 09D2436046

**FIGURE
2**

Legend

- Soil Sample
- Water Sample
- Stockpile
- Release Extent



Sources: Environmental Systems Research Institute (ESRI)



Soil Sample Location Map

B11BW Dumpline Failure
QB Energy Operating, LLC
39.465160, -107.738150
Garfield County, CO

Project Number: 09D2436046

FIGURE
3

ECMC Location Name (ID): 334642	Legal Description: NWNE S11 7S 93W
Client Location Name: B11BW Dumpline Failure	Coordinates (Lat/Long): 39.465160, -107.738150
ECMC Remediation Project(s): NA	County: Garfield

Soil Sampling Summary

Soil Sample ID	Sample Type	Sample Date	Depth (FT BGS)	PID Reading (ppm)	Odor (Y/N)	Odor Description (If Applicable)	Staining (Y/N)	Staining Description (If Applicable)	Grab (G) or Composite (C)	Submitted for Analysis (Y/N)	Analysis or Rationale for no Submittal	Turnaround Time (TAT)
20260212-B11BW-(POR)@5	Point of Release	2/12/2026	5	1771	Y	Hydrocarbon	N	-	G	Y	Full Table 915-1	Standard
20260212-B11BW-(SB01)@5	Soil Boring	2/12/2026	5	8.5	N	-	N	-	G	Y	Full Table 915-1	Standard
20260212-B11BW-(SB01)@10	Soil Boring	2/12/2026	10	26.6	N	-	N	-	G	Y	Full Table 915-1	Standard
20260212-B11BW-(SB01)@15	Soil Boring	2/12/2026	15	888	Y	Hydrocarbon	N	-	G	Y	Full Table 915-1	Standard
20260212-B11BW-(SB01)@20	Soil Boring	2/12/2026	20	762	Y	Hydrocarbon	N	-	G	Y	Full Table 915-1	Standard
20260212-B11BW-(SB01)@25	Soil Boring	2/12/2026	25	681	Y	Hydrocarbon	N	-	G	Y	Full Table 915-1	Standard
20260212-B11BW-(SB01)@30	Soil Boring	2/12/2026	30	3.2	N	-	N	-	G	Y	Full Table 915-1	Standard
20260212-B11BW-(SB01)@35	Soil Boring	2/12/2026	35	1.8	N	-	N	-	G	Y	Full Table 915-1	Standard
20260213-B11BW-(SB02)@5	Soil Boring	2/13/2026	5	1.5	N	-	N	-	G	Y	Full Table 915-1	Standard
20260216-B11BW-(SB02)@15	Soil Boring	2/16/2026	15	1.7	N	-	N	-	G	Y	Full Table 915-1	Standard
20260216-B11BW-(SB02)@20	Soil Boring	2/16/2026	20	1.6	N	-	N	-	G	Y	Full Table 915-1	Standard
20260216-B11BW-(SB02)@25	Soil Boring	2/16/2026	25	0.9	N	-	N	-	G	Y	Full Table 915-1	Standard
20260216-B11BW-(SB02)@30	Soil Boring	2/16/2026	30	0.7	N	-	N	-	G	Y	Full Table 915-1	Standard
20260216-B11BW-(SB02)@35	Soil Boring	2/16/2026	35	0.5	N	-	N	-	G	Y	Full Table 915-1	Standard
20260226-B11BW-(SB03)@5	Soil Boring	2/26/2026	5	0.0	N	-	N	-	G	Y	Full Table 915-1	Standard
20260226-B11BW-(SB03)@10	Soil Boring	2/26/2026	10	0.0	N	-	N	-	G	Y	Full Table 915-1	Standard
20260226-B11BW-(SB03)@15	Soil Boring	2/26/2026	15	0.0	N	-	N	-	G	Y	Full Table 915-1	Standard
20260226-B11BW-(SB03)@20	Soil Boring	2/26/2026	20	0.0	N	-	N	-	G	Y	Full Table 915-1	Standard
20260226-B11BW-(SB03)@25	Soil Boring	2/26/2026	25	0.0	N	-	N	-	G	Y	Full Table 915-1	Standard
20260226-B11BW-(SB03)@30	Soil Boring	2/26/2026	30	0.0	N	-	N	-	G	Y	Full Table 915-1	Standard
20260226-B11BW-(SB03)@35	Soil Boring	2/26/2026	35	0.0	N	-	N	-	G	Y	Full Table 915-1	Standard
20260226-B11BW-(STOCK01)	Stockpile	2/26/2026	-	369.0	Y	Hydrocarbon	N	-	G	Y	Full Table 915-1	Standard
20260226-B11BW-(SB04)@5	Soil Boring	2/26/2026	5	0.0	N	-	N	-	G	Y	Full Table 915-1	Standard
20260226-B11BW-(SB04)@10	Soil Boring	2/26/2026	10	0.0	N	-	N	-	G	Y	Full Table 915-1	Standard
20260226-B11BW-(SB04)@15	Soil Boring	2/26/2026	15	0.0	N	-	N	-	G	Y	Full Table 915-1	Standard
20260226-B11BW-(SB04)@20	Soil Boring	2/26/2026	20	0.0	N	-	N	-	G	Y	Full Table 915-1	Standard
20260226-B11BW-(SB04)@25	Soil Boring	2/26/2026	25	0.0	N	-	N	-	G	Y	Full Table 915-1	Standard
20260226-B11BW-(SB04)@30	Soil Boring	2/26/2026	30	0.0	N	-	N	-	G	Y	Full Table 915-1	Standard
20260226-B11BW-(SB04)@35	Soil Boring	2/26/2026	35	0.0	N	-	N	-	G	Y	Full Table 915-1	Standard
20260226-B11BW-(STOCK02)	Stockpile	2/26/2026	-	195.7	Y	Hydrocarbon	N	-	G	Y	Full Table 915-1	Standard
20260227-B11BW-(SB05)@5	Soil Boring	2/27/2026	5	0.2	N	-	N	-	G	Y	Full Table 915-1	Standard
20260227-B11BW-(SB05)@10	Soil Boring	2/27/2026	10	0.1	N	-	N	-	G	Y	Full Table 915-1	Standard
20260227-B11BW-(SB05)@15	Soil Boring	2/27/2026	15	0.3	N	-	N	-	G	Y	Full Table 915-1	Standard
20260227-B11BW-(SB05)@20	Soil Boring	2/27/2026	20	0.5	N	-	N	-	G	Y	Full Table 915-1	Standard
20260227-B11BW-(SB05)@25	Soil Boring	2/27/2026	25	0.4	N	-	N	-	G	Y	Full Table 915-1	Standard
20260227-B11BW-(SB05)@30	Soil Boring	2/27/2026	30	0.3	N	-	N	-	G	Y	Full Table 915-1	Standard
20260227-B11BW-(SB05)@35	Soil Boring	2/27/2026	35	0.4	N	-	N	-	G	Y	Full Table 915-1	Standard

Analyte 915-1 PROTECTION OF GW 915-1 RESIDENTIAL SOIL					EC	PAH	pH	HWS Boron	Arsenic	Barium	Calcium	Chromium VI	Copper	Lead	Nickel	Selenium	Silver	Zinc
Units					mmhos/cm	No Unit	SU	mg/L	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Sample Name	Sample Type	Sample Date	Lab Report	Historic Lab Report														
20260212-B11BW-(POR)@5	POR	02/12/2026	8999		4.93	22.35	8.60	0.59	10.89	913.66	0.27	< 0.080	39.06	8.44	12.65	1.81	< 0.25	32.28
20260212-B11BW-(SB01)@10	Soil Boring	02/12/2026	8999		2.73	1.77	8.07	0.09	7.86	88.21	0.35	< 0.080	35.94	7.79	11.50	2.39	< 0.25	41.90
20260212-B11BW-(SB01)@15	Soil Boring	02/12/2026	8999		0.55	2.59	8.56	0.14	13.54	210.69	0.27	< 0.080	42.84	12.70	17.87	2.24	< 0.25	52.27
20260212-B11BW-(SB01)@20	Soil Boring	02/12/2026	8999		0.69	3.37	8.53	0.13	10.26	323.97	0.29	< 0.080	46.21	11.38	14.18	2.31	< 0.25	85.38
20260212-B11BW-(SB01)@25	Soil Boring	02/12/2026	8999		1.05	2.15	8.35	0.15	12.19	202.92	0.36	< 0.080	40.89	12.31	14.36	2.58	< 0.25	51.71
20260212-B11BW-(SB01)@30	Soil Boring	02/12/2026	8999		1.07	2.10	8.38	0.11	13.79	164.01	0.62	< 0.080	37.57	10.62	11.08	2.93	< 0.25	42.63
20260212-B11BW-(SB01)@35	Soil Boring	02/12/2026	8999		1.13	2.19	8.34	0.09	10.14	260.60	0.46	< 0.080	41.53	11.94	13.54	2.65	< 0.25	51.69
20260212-B11BW-(SB01)@5	Soil Boring	02/12/2026	8999		0.96	3.16	8.52	0.13	11.70	332.74	0.37	< 0.080	41.44	10.55	13.83	2.25	< 0.25	54.30
20260213-B11BW-(SB02)@5	Soil Boring	02/13/2026	9101		0.75	2.80	8.55	0.20	9.58	251.40	0.26	< 0.080	19.98	10.89	17.85	1.87	< 0.25	37.82
20260216-B11BW-(SB02)@15	Soil Boring	02/16/2026	9101		0.59	3.38	8.64	0.12	7.69	201.85	0.50	< 0.080	39.85	7.96	16.22	1.96	< 0.25	33.95
20260216-B11BW-(SB02)@20	Soil Boring	02/16/2026	9101		0.62	3.96	8.60	0.08	11.08	295.83	0.21	< 0.080	19.12	10.81	20.11	2.03	< 0.25	49.70
20260216-B11BW-(SB02)@25	Soil Boring	02/16/2026	9101		0.52	3.14	8.59	0.10	8.01	161.23	0.36	< 0.080	24.30	10.91	25.94	2.61	< 0.25	63.39
20260216-B11BW-(SB02)@30	Soil Boring	02/16/2026	9101		0.62	3.93	8.63	0.11	11.83	162.97	0.35	< 0.080	26.84	10.06	21.92	2.37	< 0.25	74.52
20260216-B11BW-(SB02)@35	Soil Boring	02/16/2026	9101		0.53	3.32	8.58	0.07	11.60	175.23	0.39	< 0.080	16.80	10.26	19.41	2.70	< 0.25	45.30
20260226-B11BW-(SB03)@10	Soil Boring	02/26/2026	9323		0.61	1.72	8.65	0.25	11.90	256.26	0.37	< 0.080	16.99	12.20	35.90	2.85	< 0.25	44.75
20260226-B11BW-(SB03)@15	Soil Boring	02/26/2026	9323		0.53	1.79	8.57	0.22	12.36	195.63	0.46	< 0.080	17.78	10.51	35.73	3.28	< 0.25	45.73
20260226-B11BW-(SB03)@20	Soil Boring	02/26/2026	9323		0.53	1.97	8.41	0.17	9.36	210.07	0.35	< 0.080	16.42	10.51	36.24	2.73	< 0.25	44.35
20260226-B11BW-(SB03)@25	Soil Boring	02/26/2026	9323		0.44	2.06	8.60	0.21	8.52	150.32	0.42	< 0.080	16.34	9.89	35.48	3.23	< 0.25	50.67
20260226-B11BW-(SB03)@30	Soil Boring	02/26/2026	9323		0.55	2.17	8.45	0.28	9.11	262.48	0.38	< 0.080	19.10	11.29	32.52	2.75	< 0.25	45.23
20260226-B11BW-(SB03)@35	Soil Boring	02/26/2026	9323		0.55	2.39	8.47	0.20	17.89	218.97	0.36	< 0.080	24.18	16.03	31.57	2.40	< 0.25	39.32
20260226-B11BW-(SB03)@5	Soil Boring	02/26/2026	9323		0.45	2.06	8.60	0.29	11.27	264.82	0.25	< 0.080	19.04	9.84	37.17	3.10	< 0.25	34.73
20260226-B11BW-(SB04)@10	Soil Boring	02/26/2026	9323		0.34	2.56	8.79	0.30	8.61	194.34	0.36	< 0.080	15.36	11.63	35.88	3.11	< 0.25	53.93
20260226-B11BW-(SB04)@15	Soil Boring	02/26/2026	9323		0.44	2.77	8.68	0.39	9.85	278.96	0.33	< 0.080	15.40	11.27	34.50	2.92	< 0.25	37.49
20260226-B11BW-(SB04)@20	Soil Boring	02/26/2026	9323		0.44	2.69	8.70	0.49	16.01	342.51	0.26	< 0.080	14.83	10.63	36.08	2.76	< 0.25	35.81
20260226-B11BW-(SB04)@25	Soil Boring	02/26/2026	9323		0.47	2.60	8.65	0.38	11.51	300.58	0.32	< 0.080	17.55	11.82	27.31	2.62	< 0.25	36.38
20260226-B11BW-(SB04)@30	Soil Boring	02/26/2026	9323		0.55	2.47	8.60	0.33	7.71	208.94	0.45	< 0.080	13.22	9.23	30.76	2.41	< 0.25	37.94
20260226-B11BW-(SB04)@35	Soil Boring	02/26/2026	9323		0.53	2.80	8.65	0.32	12.54	183.96	0.38	< 0.080	12.69	9.87	32.31	3.04	< 0.25	40.38
20260226-B11BW-(SB04)@5	Soil Boring	02/26/2026	9323		0.28	2.59	8.92	0.23	10.17	179.91	0.31	< 0.080	12.00	8.89	35.30	3.08	< 0.25	38.56
20260226-B11BW-(STOCK01)	Stockpile	02/26/2026	9322		0.75	4.75	8.64	0.40	7.31	712.05	0.29	< 0.080	16.68	9.61	38.84	3.60	< 0.25	38.49
20260226-B11BW-(STOCK02)	Stockpile	02/26/2026	9322		1.10	6.71	8.60	0.41	9.88	682.97	0.32	< 0.080	15.81	10.67	32.91	3.06	< 0.25	40.53
20260227-B11BW-(SB05)@10	Soil Boring	02/27/2026	9323		0.28	2.43	8.63	0.20	9.05	146.16	0.46	< 0.080	13.60	10.47	31.01	3.44	< 0.25	49.49
20260227-B11BW-(SB05)@15	Soil Boring	02/27/2026	9323		0.38	3.92	8.75	0.30	13.20	282.41	0.38	< 0.080	14.44	9.56	28.24	3.24	< 0.25	39.21
20260227-B11BW-(SB05)@20	Soil Boring	02/27/2026	9323		0.34	3.54	8.68	0.21	5.74	155.76	0.43	< 0.080	8.07	6.70	31.37	3.50	< 0.25	39.07
20260227-B11BW-(SB05)@25	Soil Boring	02/27/2026	9323		0.32	2.57	8.72	0.25	8.76	109.17	0.46	< 0.080	13.04	11.01	39.24	2.95	< 0.25	46.96
20260227-B11BW-(SB05)@30	Soil Boring	02/27/2026	9323		0.30	3.04	8.73	0.29	13.34	135.26	0.43	< 0.080	16.45	10.78	33.07	3.62	< 0.25	47.82
20260227-B11BW-(SB05)@35	Soil Boring	02/27/2026	9323		0.40	3.40	8.64	0.39	9.60	126.68	0.41	< 0.080	13.53	10.93	38.83	2.51	< 0.25	48.65
20260227-B11BW-(SB05)@5	Soil Boring	02/27/2026	9323		0.28	1.13	8.51	0.17	11.19	272.24	0.25	< 0.080	15.81	11.24	29.96	2.39	< 0.25	36.67


Notes:
 Bold with silver highlight: Exceeds RSLs
 Bold with blue highlight: Exceeds POGs
 "<" (as in, less than laboratory reporting detection limit)


**WATER ANALYTICAL RESULTS TABLE 4
B11BW Dumpline Failure**

				Analyte	Benzene	Toluene	Ethylbenzene	Total Xylenes	Naphthalene	1,2,4-TMB	1,3,5-TMB	TDS	Chloride	Sulfate	Arsenic	Barium	Cadmium	Copper	Lead	Nickel	pH	Selenium	Silver	Zinc
				915-1 WATER	0.005	1	0.7	10	0.14	0.067	0.067		250	250										
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L	mg/L
Sample Name	Sample Type	Sample Date	Lab Report																					
20260212-MCSOURCE-(B11BW-T)	Source Water	02/12/2026	8943												0.00155	60.10987	< 0.00025	0.05975	< 0.00250	0.02038	7.19	< 0.00099	< 0.00010	0.12603
20260129-MCSOURCE-(B11BW-T)	Source Water	02/19/2026	8988	1.08504	3.52002	0.14177	2.41433	0.03235	0.18235	0.14720	10848	6043.74	< 5.05	0.00141	49.13496	< 0.00025	0.06368	< 0.00250	0.02226	6.91	< 0.00099	< 0.00010	< 0.10000	
20260211-MCWP-(MARTINDALE RES)	Domestic Well	02/11/2026	8813	< 0.00100	< 0.00100	< 0.00100	< 0.00280	< 0.00050	< 0.00100	< 0.00100	1470	591.38	80.61	0.00159	0.30370	< 0.000250	0.11440	< 0.00250	0.00608	8.01	< 0.00985	< 0.000100	< 0.10000	

Notes:

Bold with blue highlight: Exceeds Water Standards
"<" (as in, less than laboratory reporting detection limit)

PHOTOGRAPHIC LOG		
QB Energy Operating, LLC	B11BW Garfield County, Colorado	Sample ID: 20260212-B11BW-(POR)@5
Date: February 12, 2026	Photo No. 1 - POR	Coordinates Lat/Long: 39.465112, -107.738215
 <p>2026-02-12 12:27 39.465112N 107.738215W 167° S Rifle, Garfield County 81650 United States POR@5</p>		
View facing south of POR excavation.		

PHOTOGRAPHIC LOG		
QB Energy Operating, LLC	B11BW Garfield County, Colorado	Sample ID: 20260212-B11BW-(POR)@5
Date: February 12, 2026	Photo No. 2 - POR	Coordinates Lat/Long: 39.465138, -107.738198
 <p>2026-02-12 12:27 39.465138N 107.738198W 197° S Rifle, Garfield County 81650 United States POR@5</p>		
View facing south of POR excavation.		

PHOTOGRAPHIC LOG

QB Energy Operating, LLC	B11BW Garfield County, Colorado	Sample ID: 20260212-B11BW-(SB01)@5,10,15,20,25,30,35
Date: February 12, 2026	Photo No. 3 – SB01	Coordinates Lat/Long: 39.465103, -107.738279



View facing southeast of soil boring SB01.

PHOTOGRAPHIC LOG

QB Energy Operating, LLC	B11BW Garfield County, Colorado	Sample ID: 20260212-B11BW-(SB01)@5,10,15,20,25,30,35
Date: February 12, 2026	Photo No. 4 – SB01	Coordinates Lat/Long: 39.465122, -107.738279



View facing southeast of soil boring SB01.

PHOTOGRAPHIC LOG

QB Energy Operating, LLC

B11BW
Garfield County, Colorado

Sample ID:
20260212-B11BW-(SB01)@5,10,15,20,25,30,35

Date: February 12, 2026

Photo No. 5 – SB01

Coordinates Lat/Long:
39.465102, -107.738269



View facing south of soil boring SB01.

PHOTOGRAPHIC LOG

QB Energy Operating, LLC

B11BW
Garfield County, Colorado

Sample ID:
20260213-B11BW-(SB02)@5,15,20,25,30,35

Date: February 13, 2026

Photo No. 6 – SB02

Coordinates Lat/Long:
39.465188, -107.738289



View facing southeast of soil boring SB02.

PHOTOGRAPHIC LOG

QB Energy Operating, LLC	B11BW Garfield County, Colorado	Sample ID: 20260213-B11BW-(SB02)@5,15,20,25,30,35
Date: February 13, 2026	Photo No. 7 – SB02	Coordinates Lat/Long: 39.465156, -107.738273



View facing southeast of soil boring SB02.

PHOTOGRAPHIC LOG

QB Energy Operating, LLC	B11BW Garfield County, Colorado	Sample ID: NA
Date: February 26, 2026	Photo No. 8	Coordinates Lat/Long: 39.465153, -107.738203



View facing southwest of the pipeline excavation.

PHOTOGRAPHIC LOG

QB Energy Operating, LLC	B11BW Garfield County, Colorado	Sample ID: 20260226-B11BW- (SB03)@5,10,15,20,25,30,35
Date: February 26, 2026	Photo No. 9 – SB03	Coordinates Lat/Long: 39.465072, -107.738021



Date & Time: Thu, Feb 26, 2026 at 08:49:01 MST
 Position: +039.465072° / -107.738021° (±10.0ft)
 Altitude: 6271ft (±13.2ft)
 Datum: WGS-84
 Azimuth/Bearing: 257° S77W 4589mils True (±11°)
 Elevation Angle: -12.4°
 Horizon Angle: +00.9°
 Zoom: 0.5X
 SB03

View facing southwest of soil boring SB03.

PHOTOGRAPHIC LOG

QB Energy Operating, LLC	B11BW Garfield County, Colorado	Sample ID: 20260226-B11BW-(STOCK01)
Date: February 26, 2026	Photo No. 10 – STOCK01	Coordinates Lat/Long: 39.465201, -107.738220



Date & Time: Thu, Feb 26, 2026 at 10:24:57 MST
 Position: +039.465201° / -107.738220° (±11.6ft)
 Altitude: 6259ft (±9.8ft)
 Datum: WGS-84
 Azimuth/Bearing: 258° S73W 4498mils True (±11°)
 Elevation Angle: -12.2°
 Horizon Angle: +01.2°
 Zoom: 0.5X
 STOCK01

View facing southwest of stockpile location STOCK01.

PHOTOGRAPHIC LOG

QB Energy Operating, LLC	B11BW Garfield County, Colorado	Sample ID: 20260226-B11BW-(SB04)@5,10,15,20,25,30,35
Date: February 26, 2026	Photo No. 11 – SB04	Coordinates Lat/Long: 39.465387, -107.738758



Date & Time: Thu, Feb 26, 2026 at 12:36:07 MST
 Position: +039.472387° / -107.746758° (±12941.7ft)
 Altitude: 6234ft (±34.5ft)
 Datum: WGS-84
 Azimuth/Bearing: 229° S49W 4071mils True (±11°)
 Elevation Angle: -11.0°
 Horizon Angle: -04.5°
 Zoom: 0.5X
 SB04

View facing southwest soil boring SB04.

PHOTOGRAPHIC LOG

QB Energy Operating, LLC	B11BW Garfield County, Colorado	Sample ID: 20260226-B11BW-(STOCK02)
Date: February 26, 2026	Photo No. 12 – STOCK02	Coordinates Lat/Long: 39.465093, -107.738175



Date & Time: Thu, Feb 26, 2026 at 12:38:19 MST
 Position: +039.465093° / -107.738175° (±12.4ft)
 Altitude: 6261ft (±19.7ft)
 Datum: WGS-84
 Azimuth/Bearing: 229° S49W 4071mils True (±11°)
 Elevation Angle: -14.1°
 Horizon Angle: +07.9°
 Zoom: 0.5X
 STOCK02

View facing southwest of stockpile location STOCK02.

PHOTOGRAPHIC LOG

QB Energy Operating, LLC

B11BW
Garfield County, Colorado

Sample ID:
20260227-B11BW-(SB05)@5,10,15,20,25,30,35

Date: February 27, 2026

Photo No. 13 – SB05

Coordinates Lat/Long:
39.465132, -107.738326



View facing southwest of soil boring SB05.



Client: QB Energy

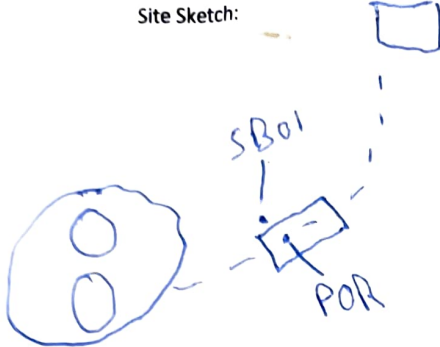
Project Name: B11BW

Boring ID:

Project Number:



Site Sketch:



Date: 2/12/25

Logged by: Garrett Green

Driller: HRL

Drilling Method: ODEX

Sample Method: spoon

Boring Diameter: 2" Well Diameter: NA

Well Material: NA

Surface Completion: NA

Total Depth: 35'

Casing Interval: NA

Screen Interval: NA

DTP/DTW: NA

Grout Interval: NA

Bentonite Interval: NA

Sand Interval: NA

Depth (ft)	Blow Count	Run / Recovery	Moisture Content	PID (ppm)	Stain	Sample ID	USCS Symbol	Geologic Description	Completion Diagram
0									
1250 5	6 13	6, 11 13, 18	Dry	8.5	N	SB01	spsm	sandy loam, some gravel Brown, low plasticity	
1310 10	20 7	7 9	Dry	26.6		SB01	spsm	sandy loam, brown-light brown, mostly sand low plasticity	
1335 15	14 26	22 9	Dry	888			spsm	sandy loam, some gravel Brown low plasticity	
1400 20	21 32	27 25	Dry	262			spsm	sandy loam w/ gravel Brown, low plasticity	
1430 25	5 10	6 9	Dry	681			spsm	sandy loam w/ gravel Brown low plas	
1500 30	37 21	22 16	Dry	3.2			spsm	sandy loam light brown to tan, med plast	



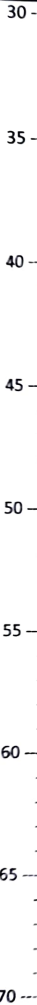
ENSOLUM

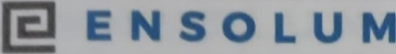
Project Name:

Boring ID:

Depth (ft)	Blow Count	Run / Recovery	Moisture Content	PID (ppm)	Stain	Sample ID	USCS Symbol	Geologic Description	Completion Diagram
30									
35	6 13	8 13	0.1	1.8	N	SB01	SPsm	sandy loam, light brown med plasticity some gravel	
40									
45									
50									
55									
60									
65									
70									

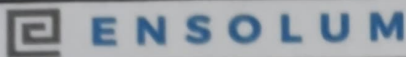
1530



	Client: QB Energy
	Project Name: B11BW
Boring ID:	Project Number:
Site Sketch:	Date: 2/16/26
	Logged by: Garrett
	Driller: HRL
	Drilling Method: ODEX
	Sample Method: Split spoon
	Boring Diameter: 2" Well Diameter: NA
	Well Material: NA
Surface Completion: NA	
Total Depth: 35'	

Casing Interval: NA	Screen Interval: NA	DTP/DTW: NA
Grout Interval: NA	Bentonite Interval: NA	Sand Interval: NA

Depth (ft)	Blow Count	Run / Recovery	Moisture Content	PID (ppm)	Stain	Sample ID	USCS Symbol	Geologic Description	Completion Diagram
0									
5								collected on 2/13/26 MA	
10	20	12						no sample collected equipment issue	
	19	13							
15	15	15	Dry	1.7	N	SBOZ	Spsm	light brown-tan sandy loam, low plasticity	Back filled
	18	16							
20	37	42	Dry	1.6				light brown, sandy loam, low plasticity	
	18	12							
25	18	16	Dry	0.9				Brown sandy loam some gravel, low plasticity	
	12	14							
30	11	12						Brown, sandy loam some gravel low plast	
0945	44	15		0.7				Small recovery	



Project Name:

Boring ID:

Depth (ft)	Blow Count	Run / Recovery	Moisture Content	PID (ppm)	Stain	Sample ID	USCS Symbol	Geologic Description	Completion Diagram
30									
35	4 17	11 11	DM	0.5	N	SBOZ	spsm	Brown, sandy loam med plasticity	
40									
45									
50									
55									
60									
65									
70									

1015

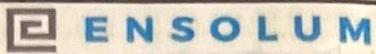

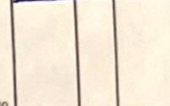
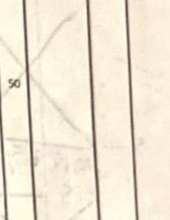
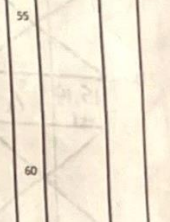
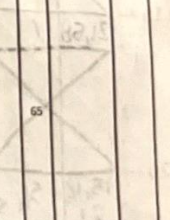
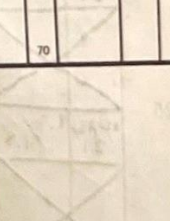

ENSOLUM		Client: QRB ENERGY
Boring ID: SBO3		Project Name: BIIBW DUMPLINE
		Project Number: 09D2436046
		Date: 2/26/26
		Logged by: MR
		Driller: CO DRILLING & SAMPLING
		Drilling Method: Solid Stem
		Sample Method: Split Spoon
		Boring Diameter: 4" Well Diameter: NA
		Well Material: NA
		Surface Completion: Backfilled per EPA guidelines
		Total Depth: 36.5'

Casing Interval: NA	Screen Interval: NA	DTP/DTW: NA
Grout Interval: NA	Bentonite Interval: NA	Sand Interval: NA

Depth (ft)	Blow Count	Run / Recovery	Moisture Content	PID (ppm)	Stain	Sample ID	USCS Symbol	Geologic Description	Completion Diagram
0									
5	10, 19, 15	1.5 / 1.5	Dry	0.0	N	BIIBW-(SBO3)@5	SP	5-6.5 SAND, little gravel. Med grained, med to light bwn, poorly graded, well sorted. No stain, no odor, dry	
10	15, 19, 41	1.5 / 1.5	Dry	0.0	N	BIIBW-(SBO3)@10	SP-SM	10-11.5 SAND w/ silt, trace clay. Med to fine grained, med bwn. Clay starting w/ 10.5' shale @ 11.25'-11.5'. No stain, no odor, dry. Poorly graded, well sorted	
15	21, 58	1 / 1	Dry	0.0	N	BIIBW-(SBO3)@15	SP-SM SP	15-16 SAND w/ silt, trace clay. Med to fine gr. med. bwn. Poorly graded, well sorted. No stain, no odor, dry	
20	15, 18, 21	1.5 / 1.5	Dry	0.0	N	BIIBW-(SBO3)@20	SM-SM	20-21.5 SAND w/ silt, some shale gravel (large), Fg, med bwn, poorly sorted, well graded, no stain, no odor, dry.	
25	10, 15, 21	1.5 / 1.5	Dry	0.0	N	BIIBW-(SBO3)@25	SM	25-26.5 SILTY SAND, trace small gravel. Fg, med bwn, poorly graded, no stain, no odor, dry	
30									


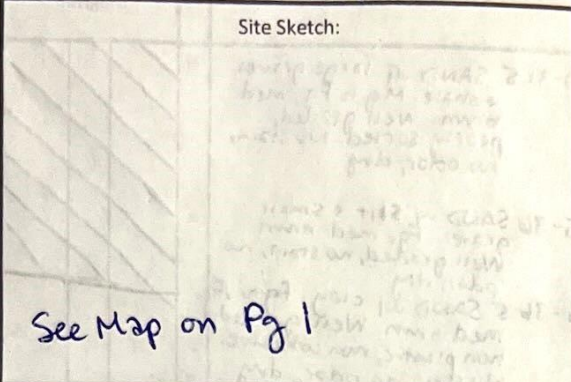
*0845
*0900
*0915
*0945
*1010

* sample submitted to lab

							Project Name: BIIBW DUMPLINE Boring ID: SB03			
Depth (ft)	Blow Count	Run/Recovery	Moisture Content	PID (ppm)	Stain	Sample ID	USCS Symbol	Geologic Description	Completion Diagram	
30	25, 24 19	1.5/1.5	Dry	0.0	N	BIIBW- (SB03) 30	SW-SM	30-31.5 SAND w/ silt + shale gravel lenses. Fgy med bwn, well graded, poorly sorted, no stain, no odor, dry		
35	50, 51 24	1.5/1.5	Dry	0.0	N	BIIBW- (SB03) 35	SW	35-36.5 SAND w/ gravel. Mg to fg w/ small to large gravel. Med to light bwn. Well graded, poorly sorted, no stain, no odor, dry		
40								TD @ 36.5', backfilled per EPA guidelines		
45										
50										
55										
60										
65										
70										

*1030

*1100

		Client: QB ENERGY
Boring ID: SBO4		Project Name: BIBW DUMPLINE
Site Sketch:		Project Number: 09D2436040
		Date: 2/26/26
		Logged by: MR
		Driller: CO DRILLING + SAMPLING
		Drilling Method: Solid Stem
		Sample Method: Split Spoon
Boring Diameter: 4" Well Diameter: NA		Well Material: NA
Surface Completion: Backfilled per EPA guidelines		Total Depth:

Casing Interval:	Screen Interval:	DTP/DTW:
Grout Interval:	Bentonite Interval:	Sand Interval:

Depth (ft)	Blow Count	Run / Recovery	Moisture Content	PID (ppm)	Stain	Sample ID	USCS Symbol	Geologic Description	Completion Diagram
0									
* 1125	5, 6, 10	1.5 / 1.5	Dry	0.0	N	BIBW-(SBO4)@ 5	SP SP-SC	5-5.5 SAND, med, med brown, poorly graded, well sorted, no stain, no odor, dry 5.5-6.5 SAND w/ clay, Fg to vfg, noncohesive, no plus, poorly graded, no stain, no odor, dry	
* 1135	12, 6, 8	1.5 / 1.5	Dry	0.0	N	BIBW-(SBO4)@ 10	SP-SC	10-11.5 SAND w/ clay + gravel. Fg to vfg. Basalt + shale small to large gravel. Poorly graded, nonplus noncohesive. No stain, no odor, dry	
* 1200*	16, 42, 10 for 3	0.75 / 0.5	Dry	0.0	N	BIBW-(SBO4)@ 15	SW	15-16.5 SAND w/ large gravel cobbles. Med grained to fg. Well graded, poorly sorted. No stain, no odor, dry	
* 1225	24, 34	1 / 1	Dry	0.0	N	BIBW-(SBO4)@ 20	SW	20-21.5 SAND w/ interbedded shale. Med grained to fg. Well graded, poorly sorted, med brown. No stain, no odor, dry	
* 1255	18, 30, 15	1.5 / 1.5	Dry	0.0	N	BIBW-(SBO4)@ 25	SW	25-26.5 SAND w/ interbedded shale. Med grained to fg. Med brown, well graded, no stain, no odor, dry	
30									

* not enough recovered for 3 full jars. 2.5 jars submitted to lab

		Client: QB ENERGY
Boring ID: SB05		Project Name: 09D2436046
Site Sketch:		Project Number: BIIBW DUMPLINE
		Date: 2/27/26
		Logged by: MR
		Driller: CO DRILLING + SAMPLING
		Drilling Method: Solid Stem
		Sample Method: Split Spoon
		Boring Diameter: 4" Well Diameter: NA
		Well Material: NA
		Surface Completion: Backfilled per EPA guidelines
		Total Depth:

See Map on Pg 1

Casing Interval: NA	Screen Interval: NA	DTP/DTW: NA
Grout Interval: NA	Bentonite Interval: NA	Sand Interval: NA

Depth (ft)	Blow Count	Run / Recovery	Moisture Content	PID (ppm)	Stain	Sample ID	USCS Symbol	Geologic Description	Completion Diagram
0									
*0825	19, 14	1 / 1	Dry	0.2	N	BIIBW-(SB05)@ 5	SW	5-6 SAND w/ shale gravel. Mg to Fg, med bmn. Well graded, poorly sorted, no stain, no odor, dry.	
*0835	18, 13	2 / 2	Dry	0.1	N	BIIBW-(SB05)@ 10	SW SP-SC	10-11 SAND w/ shale gravel, mg to Fg, med bmn, well graded no stain, no odor, dry 11-12 SAND w/ clay. Fg to vfg, med bmn. Poorly graded, well sorted, no stain, no odor, dry, non plas, non cohesive	
0850	9, 16	1 / 1	Dry	0.3	N	BIIBW-(SB05)@ 15	SW-SC SW	15-15.5 SAND w/ clay + gravel Fg to vfg, med bmn, well graded, non plas, non cohesive, no stain, no odor 15.5-16 SAND w/ shale gravel, med bmn, well graded, no stain, no odor, dry	
*0910	12, 22	1.5 / 1.5	Dry	0.5	N	BIIBW-(SB05)@ 20	SC SW-SC	20-20.5 CLAYEY SAND, vfg, med bmn, low plas, cohesive 20.5-21.5 SAND w/ clay + gravel Fg to vfg w/ shale gravel, well graded, non cohesive, non plastic. No stain, no odor, dry	
*0925	6, 8	1.5 / 1.5	Dry	0.4	N	BIIBW-(SB05)@ 25	SP-SC	25-26.5 SAND w/ clay, Fg to vfg. Med bmn, poorly graded, well sorted, non cohesive, non plastic. No stain, no odor, dry	
30									

* Submitted to lab

* Not quite 3 full jars - ~2.75

ENSOLUM							Project Name: BIIBW DUMPLINE		
							Boring ID: SB05		
Depth (ft)	Blow Count	Run / Recovery	Moisture Content	PID (ppm)	Stain	Sample ID	USCS Symbol	Geologic Description	Completion Diagram
30	10, 15, 30	1.5 / 1.5	Dry	0.3	N	BIIBW- (SB05)@ 30	SW-SC	30-31.5 SAND w/ clay & gravel. Fg to vfg w/ small to large primarily shale gravel, well graded, non cohesive, non plastic, no stain, no odor, dry	
35	13, 14, 18	1.5 / 1.5	Dry	0.4	N	BIIBW- (SB05)@ 35	SW SW-SC	35-35.5 SAND w/ gravel. Mg to Fg w/ small to large gravel. Well graded, poorly sorted. 35.5-36.5 SAND w/ clay & little gravel. Fg to vfg w/ small gravel. Well graded, non cohesive, non plastic, no stain, no odor, dry. TD@ 36.5' bgs. Backfilled per EPA guidelines	
40									
45									
50									
55									
60									
65									
70									

*0950

*1015