

PDC Energy, Inc.
Third Quarter 2025 Groundwater Monitoring Summary

November 4, 2025

Former Jerke UP 8-7 Tank Battery
SENE S7 T4N R65W
Remediation # 9300

This groundwater summary has been prepared by Tasman, Inc. for the former Jerke UP 8-7 tank battery.

Site History and Background

On November 6, 2013, a historic hydrocarbon release was discovered beneath the produced water vault during removal activities. Following the discovery, mitigation activities were initiated, and between November 6, and November 11, 2013, approximately 440 cubic yards of impacted material were removed from location. Groundwater was encountered within the excavation at approximately 5 feet below ground surface (bgs). Groundwater vacuum recovery was conducted concurrent with excavation activities and approximately 810 barrels (bbls) of groundwater were removed from the former excavation. Between December 2013 and March 2021, eighteen monitoring wells were installed within and adjacent to the former excavation to confirm the absence of dissolved phase hydrocarbon impacts and establish point of compliance (POC) on site. Due to third-party operations, monitoring well BH15 was destroyed during the second quarter 2022. On December 15, 2022, an unknown volume of oil released into secondary containment at the Jerke UP 8-7 tank battery location. Following the release excavation activities were initiated. An additional 2,720 cubic yards of impacted material and 7,215 bbls of groundwater were removed from site for disposal. During excavation activities, monitoring wells BH01R, BH02R, BH03, BH04, BH05, BH06R, BH07, BH08R, BH09R, BH10, BH11 through BH14, and BH16 through BH18 were destroyed. On March 4, and 5, 2024, twelve monitoring wells (BH19 – BH30) were installed to confirm the absence of dissolved-phase hydrocarbon impacts within and adjacent to the former excavation extent.

Groundwater Monitoring Activities

On July 21, 2025, groundwater monitoring was conducted at all 12 monitoring well locations (BH19 – BH30) Twelve (12) groundwater samples were submitted to Summit Scientific Laboratory (Summit) for analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX), naphthalene, 1,2,4-trimethylbenzene (TMB), and 1,3,5-TMB EPA Method 8260B, chloride and sulfate anions by EPA Method 300.0, and total dissolved solids (TDS) by Method SM 2540C.

Third quarter 2025 analytical results indicated that organic compound concentrations were in compliance with the applicable regulatory standards in all 12 monitoring well locations. Inorganic parameters were in compliance with the applicable regulatory standards or within 1.25x the background concentrations in the up- / cross-gradient monitoring wells (BH25 – BH28) in all monitoring well locations. Sample locations and corresponding analytical results are illustrated on Figures 1 and 2. Groundwater elevation data is

illustrated on Figure 3. Analytical results are summarized in Tables 1 and 2. The laboratory analytical report is included in Attachment A.

Remediation Activities and Path Forward

Enhanced fluid recovery (EFR) and air sparge (AS) were initiated at the site during the first quarter 2014 and continued through April 20, 2018. Monitored natural attenuation (MNA) was selected as the remediation strategy for the remainder of the second quarter 2018 and continued through the third quarter 2020. Based on persisting organic compound concentrations, EFR/AS activities were re-initiated in November 2020 and continued through the fourth quarter 2022. MNA was re-initiated following supplemental source mass removal activities and will remain the selected remediation strategy through the third quarter 2025.

Based on soil analytical results, further site investigation activities were conducted on March 11, 2025 to confirm and delineate arsenic exceedances on site. Twenty-five (25) soil samples were collected from 8 soil borings (BH31 – BH38) and submitted for analysis of the full ECMC Table 915-1 suite. Analytical results indicated that all arsenic values were in compliance with the ECMC Table 915-1 soil standards or 1.25x the maximum background value. However, soil samples BH32@9', BH34@4', and BH37@9' exhibited pH values in exceedance of ECMC Table 915-1 soil standards and the highest background value. Based on the analytical results, additional site investigation activities will be conducted to confirm and horizontally delineate the remaining pH exceedances observed during the March 2025 SSI.

Fourth quarter 2025 groundwater sampling will be conducted in October 2025.

BH24		
Compound (µg/L)	4/14/2025	7/21/2025
Benzene	<1.0	<0.50
Toluene	<1.0	<1.0
Ethylbenzene	<1.0	<1.0
Total Xylenes	<2.0	<1.0
Naphthalene	<1.0	<5.0
1,2,4-TMB	<1.0	<2.0
1,3,5-TMB	<1.0	<2.0
Depth to Water (ft. bgs)	3.83	0.17

BH23		
Compound (µg/L)	4/14/2025	7/21/2025
Benzene	<1.0	<0.50
Toluene	<1.0	<1.0
Ethylbenzene	<1.0	<1.0
Total Xylenes	<2.0	<1.0
Naphthalene	<1.0	<5.0
1,2,4-TMB	<1.0	<2.0
1,3,5-TMB	<1.0	<2.0
Depth to Water (ft. bgs)	3.90	1.99

BH22		
Compound (µg/L)	4/14/2025	7/21/2025
Benzene	<1.0	<0.50
Toluene	<1.0	<1.0
Ethylbenzene	<1.0	<1.0
Total Xylenes	<2.0	<1.0
Naphthalene	<1.0	<5.0
1,2,4-TMB	<1.0	<2.0
1,3,5-TMB	<1.0	<2.0
Depth to Water (ft. bgs)	3.95	1.30

BH30		
Compound (µg/L)	4/14/2025	7/21/2025
Benzene	<1.0	<0.50
Toluene	<1.0	<1.0
Ethylbenzene	<1.0	<1.0
Total Xylenes	<2.0	<1.0
Naphthalene	<1.0	<5.0
1,2,4-TMB	<1.0	<2.0
1,3,5-TMB	<1.0	<2.0
Depth to Water (ft. bgs)	3.88	1.09

BH29		
Compound (µg/L)	4/14/2025	7/21/2025
Benzene	<1.0	<0.50
Toluene	<1.0	<1.0
Ethylbenzene	<1.0	<1.0
Total Xylenes	<2.0	<1.0
Naphthalene	<1.0	<5.0
1,2,4-TMB	<1.0	<2.0
1,3,5-TMB	<1.0	<2.0
Depth to Water (ft. bgs)	4.07	1.61

BH19		
Compound (µg/L)	4/14/2025	7/21/2025
Benzene	<1.0	<0.50
Toluene	<1.0	<1.0
Ethylbenzene	1.1	0.7
Total Xylenes	8.4	<1.0
Naphthalene	<1.0	<5.0
1,2,4-TMB	4.9	1.7
1,3,5-TMB	<1.0	<2.0
Depth to Water (ft. bgs)	4.01	1.64

BH25		
Compound (µg/L)	4/14/2025	7/21/2025
Benzene	<1.0	<0.50
Toluene	<1.0	<1.0
Ethylbenzene	<1.0	<1.0
Total Xylenes	<2.0	<1.0
Naphthalene	<1.0	<5.0
1,2,4-TMB	<1.0	<2.0
1,3,5-TMB	<1.0	<2.0
Depth to Water (ft. bgs)	3.78	1.15

BH20		
Compound (µg/L)	4/14/2025	7/21/2025
Benzene	<1.0	<0.50
Toluene	<1.0	<1.0
Ethylbenzene	<1.0	<1.0
Total Xylenes	<2.0	<1.0
Naphthalene	<1.0	<5.0
1,2,4-TMB	<1.0	<2.0
1,3,5-TMB	<1.0	<2.0
Depth to Water (ft. bgs)	3.79	1.72

BH26		
Compound (µg/L)	4/14/2025	7/21/2025
Benzene	<1.0	<0.50
Toluene	<1.0	<1.0
Ethylbenzene	<1.0	<1.0
Total Xylenes	<2.0	<1.0
Naphthalene	<1.0	<5.0
1,2,4-TMB	<1.0	<2.0
1,3,5-TMB	<1.0	<2.0
Depth to Water (ft. bgs)	3.65	0.21

BH21		
Compound (µg/L)	1/21/2025	7/21/2025
Benzene	<1.0	<0.50
Toluene	<1.0	<1.0
Ethylbenzene	<1.0	<1.0
Total Xylenes	<1.0	<1.0
Naphthalene	<1.0	<5.0
1,2,4-TMB	<1.0	<2.0
1,3,5-TMB	<1.0	<2.0
Depth to Water (ft. bgs)	4.09	1.48

BH28		
Compound (µg/L)	4/14/2025	7/21/2025
Benzene	<1.0	<0.50
Toluene	<1.0	<1.0
Ethylbenzene	<1.0	<1.0
Total Xylenes	<2.0	<1.0
Naphthalene	<1.0	<5.0
1,2,4-TMB	<1.0	<2.0
1,3,5-TMB	<1.0	<2.0
Depth to Water (ft. bgs)	4.29	2.49

BH27		
Compound (µg/L)	4/14/2025	7/21/2025
Benzene	<1.0	<0.50
Toluene	<1.0	<1.0
Ethylbenzene	<1.0	<1.0
Total Xylenes	<2.0	<1.0
Naphthalene	<1.0	<5.0
1,2,4-TMB	<1.0	<2.0
1,3,5-TMB	<1.0	<2.0
Depth to Water (ft. bgs)	4.03	1.32

Legend

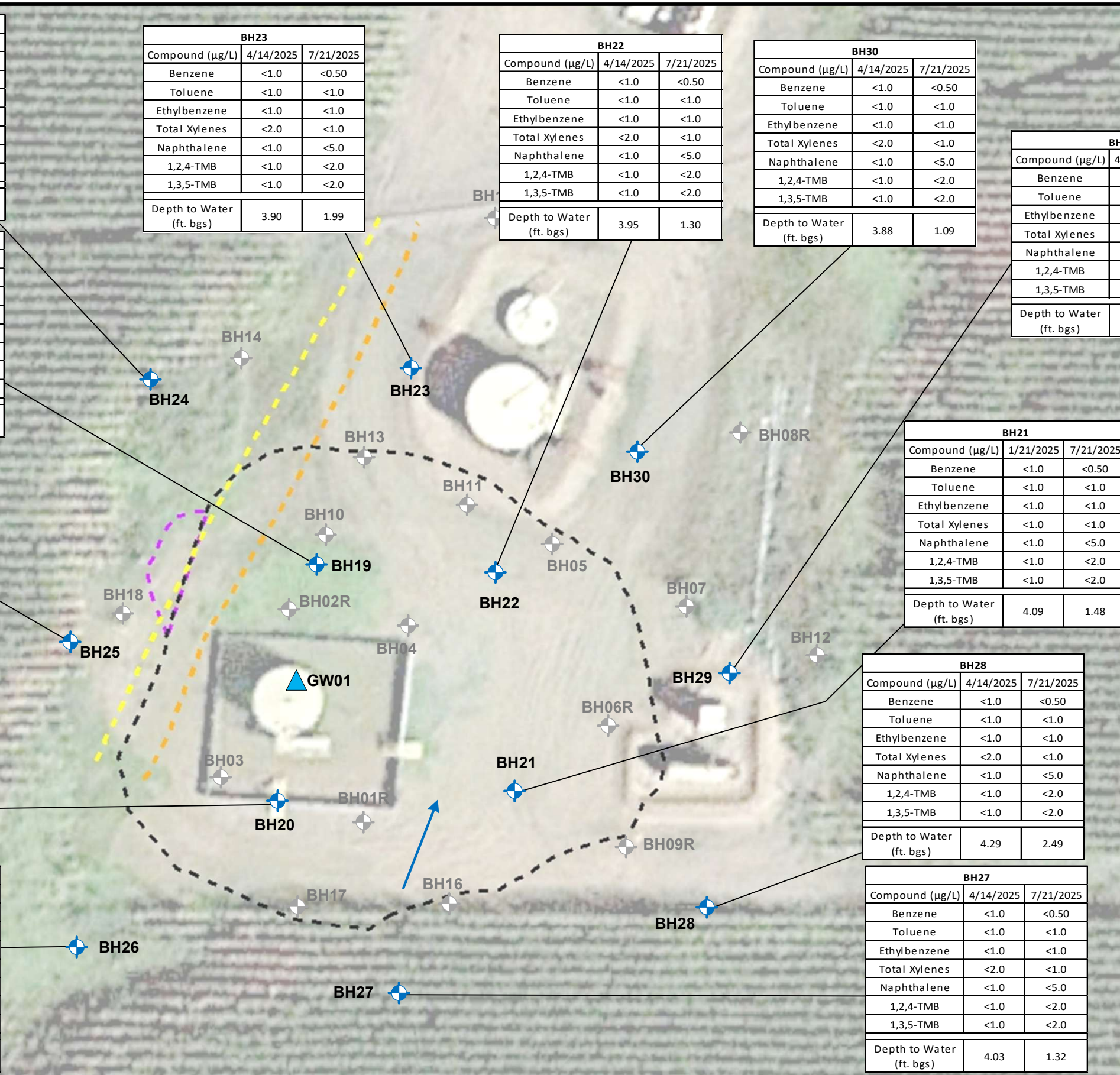
- Monitoring Well Location (Collected via Trimble GPS)
- Monitoring Well Location - Destroyed (Collected via Trimble GPS)
- Deep Excavation Extent (Collected via Trimble GPS)
- Shallow Excavation Extent (Collected via Trimble GPS)
- Excavation Groundwater Sample Location
- Groundwater Flow Direction (3Q24)
- Underground Line Location – NBL (Collected via Trimble GPS)
- Underground Line Location – DCP (Collected via Trimble GPS)

Notes

All locations are approximate unless otherwise noted.
 TMB – Trimethylbenzene
 µg/L – Micrograms per liter
 DCP – DCP Midstream
 NBL – Noble Energy
 GPS – Global Positioning System
 ft. bgs – Feet Below Ground Surface

0 ft. 20 ft. 40 ft.

Image Source: Google Earth; 2019 Google
 Projection: WGS 84 UTM Zone 13 North



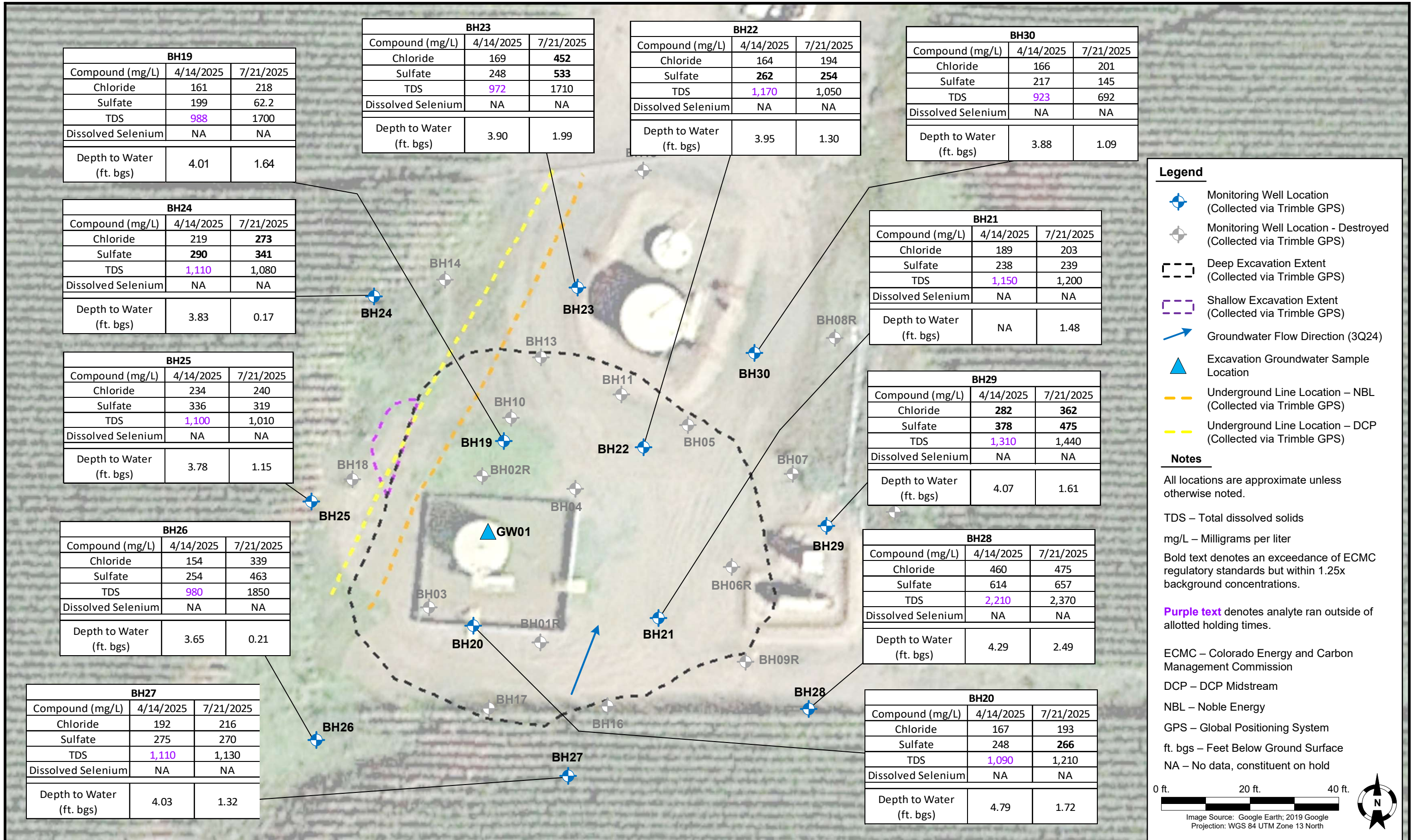
DATE: August 27, 2025
 DESIGNED BY: C. Hamlin
 DRAWN BY: T. Lacy

TASMAN Tasman, Inc.
 4725 Independence St
 Wheat Ridge, CO 80033

PDC Energy, Inc. (69175) – DJ Basin
Former Jerke UP 8-7 Tank Battery
 SENE, Section 7, Township 4 North, Range 65 West
 Weld County, Colorado

GROUNDWATER ANALYTICAL MAP (ORGANIC COMPOUNDS)

FIGURE 1



DATE: August 27, 2025

DESIGNED BY: C. Hamlin

DRAWN BY: B. Wagner

Tasman, Inc.
4725 Independence St
Wheat Ridge, CO 80033

PDC Energy, Inc. (69175) – DJ Basin
Former Jerke UP 8-7 Tank Battery
SENE, Section 7, Township 4 North, Range 65 West
Weld County, Colorado

GROUNDWATER ANALYTICAL MAP (INORGANIC PARAMETERS)

FIGURE 2



DATE: October 04, 2025

DESIGNED BY: B. Nelson

DRAWN BY: J. Woffinden



Tasman, Inc.
4725 Independence Street
Wheat Ridge, CO 80033

PDC Energy, Inc. – DJ Basin
Former Jerke UP 8-7 Tank Battery
SENE, Section 7, Township 4 North, Range 65 West
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**GROUNDWATER
ELEVATION CONTOUR
MAP (3Q2025)**

**FIGURE
3**

TABLE 1
SUMMARY OF GROUNDWATER ORGANIC CHEMISTRY DATA
PDC ENERGY, INC. - 69175
JERKE UP 8-7 TANK BATTERY, WELD COUNTY, COLORADO
REM # 9300

Sample ID	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	Depth to Groundwater ⁽²⁾ (ft. bgs)	Groundwater Elevation (ft. AMSL)	LNAPL Thickness (ft.)
ECMC Table 915-1 Limits ⁽¹⁾		5.0	560	700	1,400	140	67	67			
BH01R	1/19/2021	<1.0	<1.0	42	260	5.4	98	57	6.02	4,681.86	ND
	4/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.33	4,681.55	ND
	7/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1.39	4,686.49	ND
	10/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.66	4,685.22	ND
	1/20/2022	<1.0	<1.0	5.1	39	2.4	23	6.4	4.73	4,683.15	ND
	4/13/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.04	4,681.84	ND
	8/1/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.04	4,685.84	ND
	10/10/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.20	4,684.68	ND
1/3/2023	<1.0	<1.0	<1.0	24	<1.0	1.3	1.4	5.91	4,681.97	ND	
Monitoring Well Destroyed											
BH02R	1/19/2021	Not Sampled - Well Dry							NM	NM	ND
	4/21/2021	Not Sampled - Insufficient Volume							6.10	4,681.32	ND
	7/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	0.74	4,686.68	ND
	10/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.59	4,684.83	ND
	1/20/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	4.50	4,682.92	ND
	4/13/2022	Not Sampled - Insufficient Volume							5.88	4,681.54	ND
	8/1/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1.15	4,686.27	ND
	10/10/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.82	4,684.60	ND
1/3/2023	Not Sampled - 0.24 ft. LNAPL Present							5.91	4,681.69	0.24	
Monitoring Well Destroyed											
BH03	1/19/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.07	4,681.81	ND
	4/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.28	4,681.60	ND
	7/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1.35	4,686.53	ND
	10/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.56	4,685.32	ND
	1/20/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	4.75	4,683.13	ND
	4/13/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.08	4,681.80	ND
	8/1/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.06	4,685.82	ND
	10/10/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.19	4,684.69	ND
1/3/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	5.93	4,681.95	ND	
Monitoring Well Destroyed											
BH04	1/19/2021	39	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.01	4,681.75	ND
	4/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.35	4,681.41	ND
	7/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1.50	4,686.26	ND
	10/21/2021	9,100	<1.0	560	570	2.8	2.6	1.6	2.81	4,684.95	ND
	1/20/2022	2,800	1.2	66	370	9.7	17	6.8	4.72	4,683.04	ND
	4/13/2022	1,400	<1.0	<1.0	31	3.2	9.4	1.4	6.07	4,681.69	ND
	8/1/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.65	4,685.11	ND
	10/10/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.18	4,684.58	ND
1/3/2023	Not Sampled - 0.27 ft. LNAPL Present							6.13	4,681.83	0.27	

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PDC ENERGY, INC. - 69175
JERKE UP 8-7 TANK BATTERY, WELD COUNTY, COLORADO
REM # 9300

Sample ID	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	Depth to Groundwater ⁽²⁾ (ft. bgs)	Groundwater Elevation (ft. AMSL)	LNAPL Thickness (ft.)
ECMC Table 915-1 Limits ⁽¹⁾		5.0	560	700	1,400	140	67	67			
BH04	Monitoring Well Destroyed										
BH05	1/19/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	5.81	4,681.74	ND
	4/21/2021	2.5	<1.0	2.4	17	<1.0	2.1	1.5	6.10	4,681.45	ND
	7/21/2021	22	<1.0	26	60	<1.0	3.4	5.0	1.41	4,686.14	ND
	10/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.43	4,685.12	ND
	1/20/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	4.50	4,683.05	ND
	4/13/2022	11	<1.0	52	270	<1.0	40	6.5	5.86	4,681.69	ND
	8/1/2022	1.6	<1.0	<1.0	4.5	2.0	3.3	<1.0	2.07	4,685.48	ND
	10/10/2022	35	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.94	4,684.61	ND
1/3/2023	4.1	<1.0	<1.0	<1.0	7.0	<1.0	2.1	<1.0	5.69	4,681.86	ND
Monitoring Well Destroyed											
BH06R	1/19/2021	<1.0	<1.0	93	530	2.4	110	45	6.06	4,681.82	ND
	4/21/2021	<1.0	<1.0	58	170	<1.0	28	12	6.17	4,681.71	ND
	7/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1.50	4,686.38	ND
	10/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.50	4,685.38	ND
	1/20/2022	<1.0	<1.0	<1.0	2.3	<1.0	6.6	<1.0	4.60	4,683.28	ND
	4/13/2022	<1.0	<1.0	2.3	<2.0	<1.0	<1.0	<1.0	5.94	4,681.94	ND
	8/1/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.01	4,685.87	ND
	10/10/2022	1.7	<1.0	<1.0	<1.0	23	9.0	1.2	<1.0	3.09	4,684.79
1/3/2023	Not Sampled - Unable to Locate								NM	NM	ND
Monitoring Well Destroyed											
BH07	1/19/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.38	4,681.78	ND
	4/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.68	4,681.48	ND
	7/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.01	4,686.15	ND
	10/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.00	4,685.16	ND
	1/20/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	5.07	4,683.09	ND
	4/13/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.43	4,681.73	ND
	8/1/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.51	4,685.65	ND
	10/10/2022	<1.0	<1.0	<1.0	6.9	9.0	8.4	<1.0	3.57	4,684.59	ND
1/3/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.25	4,681.91	ND	
Monitoring Well Destroyed											
BH08R	1/19/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.22	4,681.50	ND
	4/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.54	4,681.18	ND
	7/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.87	4,684.85	ND
	10/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.80	4,684.92	ND
	1/20/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	4.99	4,682.73	ND
	4/13/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.34	4,681.38	ND
8/1/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.21	4,685.93	ND	

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JERKE UP 8-7 TANK BATTERY, WELD COUNTY, COLORADO
REM # 9300

Sample ID	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	Depth to Groundwater ⁽²⁾ (ft. bgs)	Groundwater Elevation (ft. AMSL)	LNAPL Thickness (ft.)
ECMC Table 915-1 Limits ⁽¹⁾		5.0	560	700	1,400	140	67	67			
BH08R	10/10/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.21	4,684.93	ND
	1/3/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	5.98	4,682.16	ND
Monitoring Well Destroyed											
BH09R	1/19/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.33	4,681.84	ND
	4/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.57	4,681.60	ND
	7/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1.84	4,686.33	ND
	10/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.90	4,685.27	ND
	1/20/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	4.99	4,683.18	ND
	4/13/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.32	4,681.85	ND
	8/1/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.33	4,685.84	ND
	10/10/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.54	4,684.63	ND
	1/3/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.24	4,681.93	ND
Monitoring Well Destroyed											
BH10	1/19/2021	280	<1.0	430	2,300	41	960	73	6.10	4,681.64	ND
	4/21/2021	Not Sampled - Insufficient Volume							6.34	4,681.40	ND
	7/21/2021	1,400	<1.0	1,700	7,600	250	4,200	97	1.76	4,685.98	ND
	10/21/2021	<1.0	<1.0	12	150	<1.0	120	<1.0	2.65	4,685.09	ND
	1/20/2022	110	<1.0	160	440	12	130	<1.0	4.74	4,683.00	ND
	4/13/2022	38	<1.0	110	660	10	480	38	6.07	4,681.67	ND
	8/1/2022	98	<1.0	180	950	5.8	130	14	2.10	4,685.64	ND
	10/10/2022	63	<1.0	150	260	12	240	<1.0	3.14	4,684.60	ND
	1/3/2023	61	24	200	420	9.5	440	5.6	5.92	4,681.82	ND
Monitoring Well Destroyed											
BH11	1/19/2021	Not Sampled - Insufficient Volume							NM	NM	ND
	4/21/2021	Not Sampled - Insufficient Volume							6.40	4,681.33	ND
	7/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1.67	4,686.06	ND
	10/21/2021	140	<1.0	<1.0	300	<1.0	37	20	2.62	4,685.11	ND
	1/20/2022	360	<1.0	120	400	4.8	120	29	4.75	4,682.98	ND
	4/13/2022	Not Sampled - Insufficient Volume							6.06	4,681.67	ND
	8/1/2022	1,600	<1.0	640	2,900	22	500	130	2.25	4,685.38	ND
	10/10/2022	910	<1.0	140	410	7.4	180	<1.0	2.99	4,684.64	ND
	1/3/2023	160	<1.0	34	130	<1.0	70	<1.0	5.74	4,681.89	ND
Monitoring Well Destroyed											
BH12	1/19/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.14	4,681.81	ND
	4/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.42	4,681.53	ND

TABLE 1
SUMMARY OF GROUNDWATER ORGANIC CHEMISTRY DATA
PDC ENERGY, INC. - 69175
JERKE UP 8-7 TANK BATTERY, WELD COUNTY, COLORADO
REM # 9300

Sample ID	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	Depth to Groundwater ⁽²⁾ (ft. bgs)	Groundwater Elevation (ft. AMSL)	LNAPL Thickness (ft.)
ECMC Table 915-1 Limits ⁽¹⁾		5.0	560	700	1,400	140	67	67			
BH12	7/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1.81	4,686.14	ND
	10/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.73	4,685.22	ND
	1/20/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	4.84	4,683.11	ND
	4/13/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.20	4,681.75	ND
	8/1/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.28	4,685.67	ND
	10/10/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.35	4,684.60	ND
	1/3/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.07	4,681.88	ND
Monitoring Well Destroyed											
BH13	1/19/2021	2.3	<1.0	7.7	49	<1.0	14	<1.0	6.04	4,681.63	ND
	4/21/2021	<1.0	<1.0	<1.0	2.4	<1.0	<1.0	<1.0	6.32	4,681.35	ND
	7/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1.64	4,686.03	ND
	10/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.67	4,685.00	ND
	1/20/2022	<1.0	<1.0	<1.0	2.4	<1.0	1.6	<1.0	4.79	4,682.88	ND
	4/13/2022	2.5	<1.0	33	180	<1.0	36	2.9	6.09	4,681.58	ND
	8/1/2022	<1.0	<1.0	4.2	12	<1.0	9.3	<1.0	2.13	4,685.54	ND
	10/10/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.16	4,684.51	ND
	1/3/2023	<1.0	<1.0	6.3	<2.0	<1.0	5.5	<1.0	5.92	4,681.75	ND
Monitoring Well Destroyed											
BH14	1/19/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	5.83	4,681.61	ND
	4/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.15	4,681.29	ND
	7/21/2021	Not Sampled - Submerged							NM	NM	ND
	10/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.44	4,685.00	ND
	1/20/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	4.57	4,682.87	ND
	4/13/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	5.84	4,681.60	ND
	8/1/2022	Not Sampled - Submerged							NM	NM	ND
	10/10/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.86	4,684.58	ND
	1/3/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	5.66	4,681.78	ND
Monitoring Well Destroyed											
BH15	1/19/2021	<1.0	<1.0	<1.0	<2.0	<1.0	1.6	<1.0	6.76	4,681.61	ND
	4/21/2021	1.2	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	7.11	4,681.26	ND
	7/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.43	4,685.94	ND
	10/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.38	4,684.99	ND
	1/20/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	5.50	4,682.87	ND
	4/13/2022	Not Sampled - Destroyed							NM	NM	ND
BH16	4/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.34	4,681.66	ND

TABLE 1
SUMMARY OF GROUNDWATER ORGANIC CHEMISTRY DATA
PDC ENERGY, INC. - 69175
JERKE UP 8-7 TANK BATTERY, WELD COUNTY, COLORADO
REM # 9300

Sample ID	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	Depth to Groundwater ⁽²⁾ (ft. bgs)	Groundwater Elevation (ft. AMSL)	LNAPL Thickness (ft.)
ECMC Table 915-1 Limits ⁽¹⁾		5.0	560	700	1,400	140	67	67			
BH16	7/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1.50	4,686.50	ND
	10/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.67	4,685.33	ND
	1/20/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	4.79	4,683.21	ND
	4/13/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.12	4,681.88	ND
	8/1/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.04	4,685.96	ND
	10/10/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.29	4,684.71	ND
	1/3/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	5.98	4,682.02	ND
Monitoring Well Destroyed											
BH17	4/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.06	4,681.66	ND
	7/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1.11	4,686.61	ND
	10/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.41	4,685.31	ND
	1/20/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	4.52	4,683.20	ND
	4/13/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	5.83	4,681.89	ND
	8/1/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1.85	4,685.87	ND
	10/10/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.99	4,684.73	ND
1/3/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	5.81	4,681.91	ND	
Monitoring Well Destroyed											
BH18	4/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.24	4,681.54	ND
	7/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1.38	4,686.40	ND
	10/21/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.55	4,685.23	ND
	1/20/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	4.65	4,683.13	ND
	4/13/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.02	4,681.76	ND
	8/1/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.03	4,685.75	ND
	10/10/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.11	4,684.67	ND
1/3/2023	Not Sampled - Unable to Locate							NM	NM	ND	
Monitoring Well Destroyed											
BH19	4/2/2024	<1.0	<1.0	10	38	<1.0	11	8.0	4.32	4,686.49	ND
	7/1/2024	<1.0	<1.0	<1.0	9.2	<1.0	<1.0	<1.0	1.15	4,689.66	ND
	10/18/2024	<1.0	<1.0	2.9	33	<1.0	13	1.9	1.30	4,689.51	ND
	1/21/2025	<1.0	<1.0	7.3	20	1.6	14	1.3	3.37	4,687.44	ND
	4/14/2025	<1.0	<1.0	1.1	8.4	<1.0	4.9	<1.0	4.01	4,687.44	ND
	7/21/2025	<0.50	<1.0	0.7	<1.0	<5.0	1.7	<2.0	1.64	4,686.80	ND
BH20	4/2/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	4.09	4,686.64	ND
	7/1/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	0.87	4,689.86	ND
	10/18/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1.10	4,689.63	ND
	1/21/2025	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.23	4,687.50	ND
	4/14/2025	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.79	4,687.50	ND

TABLE 1
SUMMARY OF GROUNDWATER ORGANIC CHEMISTRY DATA
PDC ENERGY, INC. - 69175
JERKE UP 8-7 TANK BATTERY, WELD COUNTY, COLORADO
REM # 9300

Sample ID	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	Depth to Groundwater ⁽²⁾ (ft. bgs)	Groundwater Elevation (ft. AMSL)	LNAPL Thickness (ft.)
ECMC Table 915-1 Limits ⁽¹⁾		5.0	560	700	1,400	140	67	67			
BH20	7/21/2025	<0.50	<1.0	<1.0	<1.0	<5.0	<2.0	<2.0	1.72	4,686.94	ND
BH21	4/2/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	4.42	4,686.58	ND
	7/1/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1.22	4,689.78	ND
	10/18/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1.43	4,689.57	ND
	1/21/2025	Not Sampled - Monitoring Well Damaged							NM	NM	ND
	4/14/2025	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	4.09	NM	ND
	7/21/2025	<0.50	<1.0	<1.0	<1.0	<5.0	<2.0	<2.0	1.48	4,686.91	ND
BH22	4/2/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	4.26	4,686.47	ND
	7/1/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1.06	4,689.67	ND
	10/18/2024	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	1.27	4,689.46	ND
	1/21/2025	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.31	4,687.42	ND
	4/14/2025	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.95	4,687.42	ND
	7/21/2025	<0.50	<1.0	<1.0	<1.0	<5.0	<2.0	<2.0	1.30	4,686.78	ND
BH23	4/2/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	5.20	4,685.39	ND
	7/1/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	0.99	4,689.60	ND
	10/18/2024	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	2.23	4,688.36	ND
	1/21/2025	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.28	4,687.31	ND
	4/14/2025	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.90	4,687.31	ND
	7/21/2025	<0.50	<1.0	<1.0	<1.0	<5.0	<2.0	<2.0	1.99	4,686.69	ND
BH24	4/2/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	4.10	4,686.45	ND
	7/1/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	0.90	4,689.65	ND
	10/18/2024	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	1.09	4,689.46	ND
	1/21/2025	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.16	4,687.39	ND
	4/14/2025	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.83	4,687.39	ND
	7/21/2025	<0.50	<1.0	<1.0	<1.0	<5.0	<2.0	<2.0	0.17	4,686.72	ND
BH25	4/2/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	4.13	4,686.57	ND
	7/1/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	0.89	4,689.81	ND
	10/18/2024	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	1.07	4,689.63	ND
	1/21/2025	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.18	4,687.52	ND
	4/14/2025	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.78	4,687.52	ND
	7/21/2025	<0.50	<1.0	<1.0	<1.0	<5.0	<2.0	<2.0	1.15	4,686.92	ND
BH26	4/2/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.98	4,686.76	ND
	7/1/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-0.33	4,691.07	ND
	10/18/2024	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	1.00	4,689.74	ND
	1/21/2025	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.05	4,687.69	ND
	4/14/2025	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.65	4,687.69	ND
	7/21/2025	<0.50	<1.0	<1.0	<1.0	<5.0	<2.0	<2.0	0.21	4,687.09	ND

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SUMMARY OF GROUNDWATER ORGANIC CHEMISTRY DATA
PDC ENERGY, INC. - 69175
JERKE UP 8-7 TANK BATTERY, WELD COUNTY, COLORADO
REM # 9300

Sample ID	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	Depth to Groundwater ⁽²⁾ (ft. bgs)	Groundwater Elevation (ft. AMSL)	LNAPL Thickness (ft.)
ECMC Table 915-1 Limits ⁽¹⁾		5.0	560	700	1,400	140	67	67			
BH27	4/2/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	4.34	4,686.71	ND
	7/1/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1.16	4,689.89	ND
	10/18/2024	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	1.41	4,689.64	ND
	1/21/2025	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.52	4,687.53	ND
	4/14/2025	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	4.03	4,687.53	ND
	7/21/2025	<0.50	<1.0	<1.0	<1.0	<5.0	<2.0	<2.0	1.32	4,687.02	ND
BH28	4/2/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	4.56	4,686.59	ND
	7/1/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1.38	4,689.77	ND
	10/18/2024	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	1.58	4,689.57	ND
	1/21/2025	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.68	4,687.47	ND
	4/14/2025	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	4.29	4,687.47	ND
	7/21/2025	<0.50	<1.0	<1.0	<1.0	<5.0	<2.0	<2.0	2.49	4,686.86	ND
BH29	4/2/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	4.54	4,686.45	ND
	7/1/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1.35	4,689.64	ND
	10/18/2024	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	1.51	4,689.48	ND
	1/21/2025	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.42	4,687.57	ND
	4/14/2025	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	4.07	4,687.57	ND
	7/21/2025	<0.50	<1.0	<1.0	<1.0	<5.0	<2.0	<2.0	1.61	4,686.92	ND
BH30	4/2/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	4.22	4,686.37	ND
	7/1/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1.05	4,689.54	ND
	10/18/2024	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	1.18	4,689.41	ND
	1/21/2025	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.26	4,687.33	ND
	4/14/2025	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3.88	4,687.33	ND
	7/21/2025	<0.50	<1.0	<1.0	<1.0	<5.0	<2.0	<2.0	1.09	4,686.71	ND

- Notes:**
- Groundwater standards referenced from 2 CCR 404-1, Table 915-1, January 15, 2021.
 - Depth to water measurements were measured from ground surface for excavation samples. Monitoring well measurements were collected from top of casing and adjusted using survey data to reflect depth of water from ground surface.
- TMB = Trimethylbenzene
ECMC = Colorado Energy and Carbon Management Commission
LNAPL = Light Non-Aqueous Phase Liquid
µg/L = Micrograms per liter
(<) = Analytical result is less than the indicated laboratory reporting limit.
ft. = Feet
bgs = below ground surface
AMSL = Above Mean Sea Level
NM = Not measured
ND = Not detected

TABLE 1
SUMMARY OF GROUNDWATER ORGANIC CHEMISTRY DATA
PDC ENERGY, INC. - 69175
JERKE UP 8-7 TANK BATTERY, WELD COUNTY, COLORADO
REM # 9300

Sample ID	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	Depth to Groundwater ⁽²⁾ (ft. bgs)	Groundwater Elevation (ft. AMSL)	LNAPL Thickness (ft.)
ECMC Table 915-1 Limits ⁽¹⁾		5.0	560	700	1,400	140	67	67			

NA = Constituent not analyzed

Red highlighted groundwater analytical values indicate an exceedance of ECMC Groundwater Standard

Bold faced values exceed the ECMC Table 915-1 limit(s)

TABLE 2
SUMMARY OF GROUNDWATER INORGANIC CHEMISTRY DATA
PDC ENERGY, INC. - 69175
JERKE UP 8-7 TANK BATTERY, WELD COUNTY, COLORADO
REM # 9300

Sample ID	Sample Date	Total Dissolved Solids (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)	Dissolved Selenium ⁽²⁾ (mg/L)	Depth to Groundwater ⁽³⁾ (ft. bgs)	Groundwater Elevation (ft. AMSL)
ECMC Table 915-1 Limits ⁽¹⁾		<1.25 x local background	250 or <1.25 x local background	250 or <1.25 x local background	0.02	-	-
BH19	4/2/2024	1,330	192	199	NA	4.32	4,686.49
	7/1/2024	2,640	458	82.2	0.00202	1.15	4,689.66
	10/18/2024	892	164	237	NA	1.30	4,689.51
	1/21/2025	950	146	241	NA	3.37	4,687.44
	4/14/2025	988	161	199	NA	4.01	4,687.44
	7/21/2025	1700	218	62.2	NA	1.64	4,686.80
BH20	4/2/2024	1,520	192	366	NA	4.09	4,686.64
	7/1/2024	1,490	188	277	<0.00100	0.87	4,689.86
	10/18/2024	1,070	181	251	NA	1.10	4,689.63
	1/21/2025	3,280	238	420	NA	3.23	4,687.50
	4/14/2025	1,090	167	248	NA	3.79	4,687.50
	7/21/2025	1,210	193	266	NA	1.72	4,686.94
BH21	4/2/2024	1,300	199	226	NA	4.42	4,686.58
	7/1/2024	1,310	235	302	0.00364	1.22	4,689.78
	10/18/2024	1,140	179	236	NA	1.43	4,689.57
	1/21/2025	Not Sampled - Monitoring Well Damaged				NM	NM
	4/14/2025	1,150	189	238	NA	4.09	NM
	7/21/2025	1,200	203	239	NA	1.48	4,686.91
BH22	4/2/2024	1,480	211	311	NA	4.26	4,686.47
	7/1/2024	1,690	269	437	<0.00100	1.06	4,689.67
	10/18/2024	1,340	203	321	NA	1.27	4,689.46
	1/21/2025	609	199	355	NA	3.31	4,687.42
	4/14/2025	1,170	164	262	NA	3.95	4,687.42
	7/21/2025	1,050	194	254	NA	1.30	4,686.78
BH23	4/2/2024	1,360	217	261	NA	5.20	4,685.39
	7/1/2024	1,340	263	343	0.00198	0.99	4,689.60
	10/18/2024	1,220	223	298	NA	2.23	4,688.36
	1/21/2025	1,150	210	325	NA	3.28	4,687.31
	4/14/2025	972	169	248	NA	3.90	4,687.31
	7/21/2025	1,710	452	533	NA	1.99	4,686.69
BH24	4/2/2024	1,860	309	343	NA	4.10	4,686.45
	7/1/2024	1,690	321	414	0.00120	0.90	4,689.65
	10/18/2024	1,260	237	320	NA	1.09	4,689.46
	1/21/2025	1,220	249	354	NA	3.16	4,687.39
	4/14/2025	1,110	219	290	NA	3.83	4,687.39
	7/21/2025	1,080	273	341	NA	0.17	4,686.72
BH25	4/2/2024	1,610	251	284	NA	4.13	4,686.57
	7/1/2024	1,380	258	368	0.00805	0.89	4,689.81
	10/18/2024	1,460	266	364	NA	1.07	4,689.63
	1/21/2025	1,610	165	337	NA	3.18	4,687.52
	4/14/2025	1,100	234	336	NA	3.78	4,687.52
	7/21/2025	1,010	240	319	NA	1.15	4,686.92

TABLE 2
SUMMARY OF GROUNDWATER INORGANIC CHEMISTRY DATA
PDC ENERGY, INC. - 69175
JERKE UP 8-7 TANK BATTERY, WELD COUNTY, COLORADO
REM # 9300

Sample ID	Sample Date	Total Dissolved Solids (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)	Dissolved Selenium ⁽²⁾ (mg/L)	Depth to Groundwater ⁽³⁾ (ft. bgs)	Groundwater Elevation (ft. AMSL)
ECMC Table 915-1 Limits ⁽¹⁾		<1.25 x local background	250 or <1.25 x local background	250 or <1.25 x local background	0.02	-	-
BH26	4/2/2024	1,260	171	209	NA	3.98	4,686.76
	7/1/2024	1,080	162	325	0.00529	-0.33	4,691.07
	10/18/2024	1,200	162	305	NA	1.00	4,689.74
	1/21/2025	1,160	189	302	NA	3.05	4,687.69
	4/14/2025	980	154	254	NA	3.65	4,687.69
	7/21/2025	1,850	339	463	NA	0.21	4,687.09
BH27	4/2/2024	1,320	213	234	NA	4.34	4,686.71
	7/1/2024	1,200	218	311	0.00374	1.16	4,689.89
	10/18/2024	1,170	210	266	NA	1.41	4,689.64
	1/21/2025	1,130	451	596	NA	3.52	4,687.53
	4/14/2025	1,110	192	275	NA	4.03	4,687.53
	7/21/2025	1,130	216	270	NA	1.32	4,687.02
BH28	4/2/2024	1,980	348	431	NA	4.56	4,686.59
	7/1/2024	2,080	464	624	0.0152	1.38	4,689.77
	10/18/2024	2,120	412	577	NA	1.58	4,689.57
	1/21/2025	1,730	219	321	NA	3.68	4,687.47
	4/14/2025	2,210	460	614	NA	4.29	4,687.47
	7/21/2025	2,370	475	657	NA	2.49	4,686.86
BH29	4/2/2024	1,740	309	364	NA	4.54	4,686.45
	7/1/2024	1,500	314	459	0.00310	1.35	4,689.64
	10/18/2024	1,120	257	349	NA	1.51	4,689.48
	1/21/2025	1,400	137	253	NA	3.42	4,687.57
	4/14/2025	1,310	282	378	NA	4.07	4,687.57
	7/21/2025	1,440	362	475	NA	1.61	4,686.92
BH30	4/2/2024	1,170	178	202	NA	4.22	4,686.37
	7/1/2024	1,150	205	343	<0.00100	1.05	4,689.54
	10/18/2024	929	156	205	NA	1.18	4,689.41
	1/21/2025	1,080	679	32.8	NA	3.26	4,687.33
	4/14/2025	923	166	217	NA	3.88	4,687.33
	7/21/2025	692	201	245	NA	1.09	4,686.71
Maximum BKG Concentration x1.25		2,963	594	821	-	-	-

Notes:

- Groundwater standards referenced from 2 CCR 404-1, Table 915-1, January 15, 2021.
- Dissolved selenium groundwater standard referenced from the 5 CCR 1002-41, Regulation No. 41, Table 3, Agricultural Standards, January 31, 2013.
- Depth to water measurements were measured from ground surface for excavation samples. Monitoring well measurements were collected from top of casing and adjusted using survey data to reflect depth of water from ground surface.

ECMC = Colorado Energy and Carbon Management Commission

mg/L = Milligrams per liter

(<) = Analytical result is less than the indicated laboratory reporting limit.

ft. = feet

bgs = below ground surface

AMSL = Above Mean Sea Level

NM = Not measured

TABLE 2
SUMMARY OF GROUNDWATER INORGANIC CHEMISTRY DATA
PDC ENERGY, INC. - 69175
JERKE UP 8-7 TANK BATTERY, WELD COUNTY, COLORADO
REM # 9300

Sample ID	Sample Date	Total Dissolved Solids (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)	Dissolved Selenium ⁽²⁾ (mg/L)	Depth to Groundwater ⁽³⁾ (ft. bgs)	Groundwater Elevation (ft. AMSL)
ECMC Table 915-1 Limits ⁽¹⁾		<1.25 x local background	250 or <1.25 x local background	250 or <1.25 x local background	0.02	-	-

NA = Constituent not analyzed

BKG = Background

Analyzed outside allotted hold times

= Up-gradient and/or cross-gradient well location used for background concentration.

Bold faced values exceed the ECMC Table 915-1 limit(s), but are within 1.25x background concentrations.

Bold faced values exceed the ECMC Table 915-1 limit(s) and greater than 1.25x background concentrations.