



BH08		
Compound (mg/L)	10/6/2022	1/5/2023
Chloride	1,100	1,410
Sulfate	6,210	6,330
TDS	7,420	8,640
Depth to Water (ft. bgs)		
	1.61	1.54

BH01		
Compound (mg/L)	10/6/2022	1/5/2023
Chloride	321	347
Sulfate	1,830	2,710
TDS	2,430	3,560
Depth to Water (ft. bgs)		
	1.52	1.41

BH05		
Compound (mg/L)	10/6/2022	1/5/2023
Chloride	339	331
Sulfate	2,560	3,020
TDS	2,980	3,950
Depth to Water (ft. bgs)		
	1.59	1.53

BH04		
Compound (mg/L)	10/6/2022	1/5/2023
Chloride	360	493
Sulfate	2,610	4,050
TDS	3,040	4,980
Depth to Water (ft. bgs)		
	1.65	1.59

BH02		
Compound (mg/L)	10/6/2022	1/5/2023
Chloride	487	506
Sulfate	3,510	3,970
TDS	4,110	4,780
Depth to Water (ft. bgs)		
	1.58	1.58

BH03		
Compound (mg/L)	10/6/2022	1/5/2023
Chloride	473	390
Sulfate	2,910	1,980
TDS	3,470	3,270
Depth to Water (ft. bgs)		
	1.32	1.46

BH06		
Compound (mg/L)	10/6/2022	1/5/2023
Chloride	706	754
Sulfate	3,610	4,260
TDS	4,470	5,740
Depth to Water (ft. bgs)		
	1.62	1.67

BH09		
Compound (mg/L)	10/6/2022	1/5/2023
Chloride	1,280	1,290
Sulfate	6,040	5,660
TDS	7,440	7,690
Depth to Water (ft. bgs)		
	1.33	1.41

BH11		
Compound (mg/L)	10/6/2022	1/5/2023
Chloride	694	932
Sulfate	4,480	6,520
TDS	5,760	7,920
Depth to Water (ft. bgs)		
	1.50	1.50

BH10		
Compound (mg/L)	10/6/2022	1/5/2023
Chloride	1,610	1,700
Sulfate	7,870	8,440
TDS	9,830	10,700
Depth to Water (ft. bgs)		
	1.68	1.74

BH13		
Compound (mg/L)	10/6/2022	1/5/2023
Chloride	980	992
Sulfate	7,120	7,390
TDS	8,700	8,750
Depth to Water (ft. bgs)		
	1.92	1.44

BH14		
Compound (mg/L)	10/6/2022	1/5/2023
Chloride	877	866
Sulfate	6,010	6,700
TDS	6,950	7,910
Depth to Water (ft. bgs)		
	1.47	1.16

BH15		
Compound (mg/L)	10/6/2022	1/5/2023
Chloride	838	860
Sulfate	6,290	6,280
TDS	7,700	7,510
Depth to Water (ft. bgs)		
	1.67	1.45

BH17		
Compound (mg/L)	10/6/2022	1/5/2023
Chloride	1,670	1,650
Sulfate	9,460	9,120
TDS	11,700	11,300
Depth to Water (ft. bgs)		
	1.66	1.41

BH16		
Compound (mg/L)	10/6/2022	1/5/2023
Chloride	1,090	Not Sampled
Sulfate	7,160	Obstruction
TDS	8,740	
Depth to Water (ft. bgs)		
	1.51	NM

BH12		
Compound (mg/L)	10/6/2022	1/5/2023
Chloride	1,280	1,440
Sulfate	8,770	8,840
TDS	10,700	10,600
Depth to Water (ft. bgs)		
	1.45	1.26

BH07		
Compound (mg/L)	10/6/2022	1/5/2023
Chloride	1,680	1,920
Sulfate	6,930	6,570
TDS	8,700	11,100
Depth to Water (ft. bgs)		
	1.43	1.47

Legend

- Excavation Extent (Collected via Trimble GPS)
- Groundwater Sample Location
- Underground Flowline Location (Collected via Trimble GPS)
- Monitoring Well Location (Collected via Trimble GPS)
- Groundwater Flow Direction (1Q23)

Notes

All locations are approximate unless otherwise noted.

mg/L – Micrograms per liter

TDS – Total dissolved solids

Black bold text denotes an exceedance of COGCC Table 915-1 standards, but within 1.25x the BKG concentration

COGCC – Colorado Oil and Gas Conservation Commission

BKG – Background

ft. bgs – Feet below ground surface

GPS – Global Positioning System

NM – Not measured

0 ft. 25 ft. 50 ft.

Image Source: Google Earth; 2021 Google
Projection: WGS 84 UTM Zone 13 North

DATE: February 13, 2022

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6855 W. 119th Ave.
Broomfield, CO 80020

PDC Energy, Inc. – DJ Basin
Former Loloff 35-5 Tank Battery
NENE, Section 35, Township 5 North, Range 64 West
Weld County, Colorado

GROUNDWATER ANALYTICAL RESULTS MAP (INORGANIC PARAMETERS)

FIGURE 2