

Monitoring well measurement data

Pueblo East Pit

Monitoring Hole #	1		2		3		4		5		6		7		8	
Alternative Name					THM-1		CR24		CR6		CR10		THR10		MH-8	
Permit No.	279124		262268		277098		046817-MH, 277131		46206-MH, 277133		046814-MH, 277135		WDID: 1406466		57688-MH	
Surface Elevation	4532.0		4533.0		4536.7		4542.1		4525.3		4528.4		4535.6		4535.6	
Height of Stickup	2.5		2.7		3.0		2.6		2.8		2.9		2.7		3.0	
Date of Reading	DTW, toc (ft)	Elevation (ft AMSL)	DTW, toc (ft)	Elevation (ft AMSL)	DTW, toc (ft)	Elevation (ft AMSL)	DTW, toc (ft)	Elevation (ft AMSL)	DTW, toc (ft)	Elevation (ft AMSL)	DTW, toc (ft)	Elevation (ft AMSL)	DTW, toc (ft)	Elevation (ft AMSL)	DTW, toc (ft)	Elevation (ft AMSL)
12/15/2018	13.4	4521.1	13.6	4522.1	24.8	4514.9	32.0	4512.7	22.3	4505.8	29.9	4501.4	16.0	4522.3	14.4	4524.2
1/17/2019	13.2	4521.3	13.6	4522.1	24.7	4515.0	31.9	4512.8	22.5	4505.6	29.3	4502.0	15.8	4522.5	14.2	4524.4
2/13/2019	13.0	4521.5	13.5	4522.2	24.5	4515.2	31.8	4512.9	22.3	4505.8	29.8	4501.5	16.0	4522.3	14.2	4524.4
3/7/2019	12.3	4522.2	12.8	4522.9	21.4	4518.3	33.3	4511.4	19.6	4508.5	24.3	4507.0	15.3	4523.0	13.1	4525.5
3/22/2019	12.2	4522.3	12.6	4523.1	21.3	4518.4	33.5	4511.2	19.5	4508.6	23.9	4507.4	15.7	4522.6	13.5	4525.1
4/9/2019	12.0	4522.5	12.5	4523.2	20.8	4518.9	32.9	4511.8	19.1	4509.0	24.6	4506.7	15.2	4523.1	13.0	4525.6
4/25/2019	12.2	4522.3	12.4	4523.3	20.6	4519.1	33.1	4511.6	19.3	4508.8	24.7	4506.6	15.4	4522.9	12.9	4525.7
5/15/2019	11.1	4523.4	11.6	4524.1	20.1	4519.6	33.1	4511.6	19.2	4508.9	25.0	4506.3	14.6	4523.7	12.4	4526.2
5/30/2019	11.0	4523.5	11.5	4524.2	19.8	4519.9	33.1	4511.6	19.4	4508.7	25.2	4506.1	14.8	4523.5	12.5	4526.1
6/5/2019	11.1	4523.4	11.6	4524.1	19.9	4519.8	33.3	4511.4	19.6	4508.5	25.0	4506.3	14.7	4523.6	12.1	4526.5
6/24/2019	11.4	4523.1	11.2	4524.5	19.8	4519.9	33.4	4511.3	19.5	4508.6	24.8	4506.5	13.9	4524.4	12.0	4526.6
7/25/2019	11.1	4523.4	11.2	4524.5	19.7	4520.0	32.2	4512.5	19.9	4508.2	23.7	4507.6	14.0	4524.3	12.2	4526.4
8/07/2019	11.1	4523.4	11.4	4524.3	19.7	4520.0	32.7	4512.0	19.6	4508.5	23.7	4507.6	13.9	4524.4	12.1	4526.5
8/27/2019	11.3	4523.2	11.5	4524.2	19.5	4520.2	32.9	4511.8	19.4	4508.7	23.8	4507.5	14.2	4524.1	12.6	4526.0
9/10/2019	11.2	4523.3	11.4	4524.3	19.5	4520.2	32.8	4511.9	19.6	4508.5	23.3	4508.0	14.5	4523.8	12.8	4525.8
9/26/2019	11.1	4523.4	11.2	4524.5	19.7	4520.0	32.6	4512.1	19.5	4508.6	23.5	4507.8	14.1	4524.2	12.4	4526.2
10/15/2019	11.8	4522.7	12.1	4523.6	19.4	4520.3	33.4	4511.3	19.9	4508.2	23.6	4507.7	15.1	4523.2	11.9	4526.7
10/29/2019	11.6	4522.9	12.1	4523.6	19.5	4520.2	33.2	4511.5	20.1	4508.0	27.6	4503.7	15.1	4523.2	11.8	4526.8
11/11/2019	11.4	4523.1	12.1	4523.6	19.6	4520.1	33.4	4511.3	20.0	4508.1	25.8	4505.5	14.9	4523.4	11.7	4526.9
11/19/2019	11.5	4523.0	12.1	4523.6	19.5	4520.2	33.3	4511.4	20.0	4508.1	25.7	4505.6	14.9	4523.4	11.6	4527.0
12/3/2019	11.6	4522.9	12.2	4523.5	19.4	4520.3	33.4	4511.3	20.2	4507.9	25.5	4505.8	14.7	4523.6	11.5	4527.1
12/30/2019	11.5	4523.0	12.0	4523.7	19.6	4520.1	33.7	4511.0	19.9	4508.2	25.9	4505.4	14.6	4523.7	11.4	4527.2
01/06/2020	11.3	4523.2	12.1	4523.6	19.3	4520.4	33.4	4511.3	20.0	4508.1	25.5	4505.8	14.4	4523.9	11.3	4527.3
01/24/2020	11.4	4523.1	12.2	4523.5	19.2	4520.5	33.3	4511.4	20.0	4508.1	25.7	4505.6	14.5	4523.8	11.4	4527.2
03/10/2020	11.0	4523.5	11.3	4524.4	20.1	4519.6	30.6	4514.1	16.7	4511.4	21.6	4509.7	15.3	4523.0	11.7	4526.9
03/27/2020	11.1	4523.4	11.2	4524.5	20.0	4519.7	30.7	4514.0	16.7	4511.4	21.5	4509.8	15.7	4522.6	11.9	4526.7
04/09/2020	11.2	4523.3	11.1	4524.6	20.0	4518.6	30.5	4514.2	16.8	4511.3	21.3	4510.0	15.7	4522.6	11.9	4526.7
04/28/2020	11.1	4523.4	11.2	4524.5	21.1	4518.1	30.4	4514.3	16.9	4511.2	21.5	4509.8	15.8	4522.5	11.8	4526.8
05/06/2020	11.0	4523.5	11.1	4524.6	21.6	4517.9	30.9	4513.8	16.5	4511.6	21.8	4509.5	15.7	4522.6	11.6	4527.0
05/28/2020	11.4	4523.1	11.5	4524.2	21.8	4518.2	30.6	4514.1	16.7	4511.4	21.8	4509.5	15.9	4522.4	11.5	4527.1
06/09/2020	11.3	4523.2	114.0	4421.7	21.5	4518.4	30.5	4514.2	16.5	4511.6	21.7	4509.6	15.7	4522.6	11.3	4527.3
06/24/2020	11.1	4523.4	11.5	4524.2	21.3	4518.2	30.4	4514.3	16.5	4511.6	21.5	4509.8	15.1	4523.2	11.0	4527.6
07/07/2020	10.9	4523.6	11.4	4524.3	21.5	4518.3	30.2	4514.5	16.4	4511.7	21.6	4509.7	14.6	4523.7	10.7	4527.9
07/20/2020	10.7	4523.8	11.5	4524.2	21.4	#REF!	30.2	4514.5	16.2	4511.9	21.4	4509.9	14.4	4523.9	10.5	4528.1
10/07/2020	11.0	4523.5	11.3	4524.4	20.1	4519.6	30.6	4514.1	16.6	4511.5	21.6	4509.7	15.5	4522.8	11.7	4526.9
10/29/2020	11.1	4523.4	11.2	4524.5	20.0	4519.7	30.6	4514.1	16.7	4511.4	21.5	4509.8	15.7	4522.6	11.9	4526.7
11/05/2020	11.2	4523.3	11.1	4524.6	20.0	4519.7	30.5	4514.2	16.8	4511.3	21.3	4510.0	15.7	4522.6	12.0	4526.6
11/21/2020	11.1	4523.4	11.3	4524.4	21.1	4518.6	30.4	4514.3	16.9	4511.2	21.5	4509.8	15.8	4522.5	11.8	4526.8
12/06/2020	11.0	4523.5	11.1	4524.6	21.4	4518.3	30.9	4513.8	16.5	4511.6	21.7	4509.6	15.7	4522.6	11.6	4527.0
12/23/2020	11.4	4523.1	11.5	4524.2	21.8	4517.9	30.6	4514.1	16.7	4511.4	21.8	4509.5	15.9	4522.4	11.5	4527.1
01/07/2021	11.3	4523.2	11.2	4524.5	21.6	4518.1	30.6	4514.1	16.5	4511.6	21.5	4509.8	15.7	4522.6	11.4	4527.2
01/25/2021	11.5	4523.0	11.5	4524.2	21.7	4518.0	30.4	4514.3	16.8	4511.3	21.4	4509.9	15.8	4522.5	11.6	4527.0
02/05/2021	11.2	4523.3	11.2	4524.5	21.5	4518.2	30.8	4513.9	16.4	4511.7	21.6	4509.7	15.9	4522.4	11.5	4527.1

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Pueblo East Pit

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Permit No.	279124		262268		277098		046817-MH, 277131		46206-MH, 277133		046814-MH, 277135		WDID: 1406466		57688-MH	
Surface Elevation	4532.0		4533.0		4536.7		4542.1		4525.3		4528.4		4535.6		4535.6	
Height of Stickup	2.5		2.7		3.0		2.6		2.8		2.9		2.7		3.0	
Date of Reading	DTW, toc (ft)	Elevation (ft AMSL)	DTW, toc (ft)	Elevation (ft AMSL)	DTW, toc (ft)	Elevation (ft AMSL)	DTW, toc (ft)	Elevation (ft AMSL)	DTW, toc (ft)	Elevation (ft AMSL)	DTW, toc (ft)	Elevation (ft AMSL)	DTW, toc (ft)	Elevation (ft AMSL)	DTW, toc (ft)	Elevation (ft AMSL)
02/25/2021	11.2	4523.3	11.1	4524.6	21.6	4518.1	30.6	4514.1	16.3	4511.8	21.3	4510.0	15.7	4522.6	11.7	4526.9
03/03/2021	11.0	4523.5	11.4	4524.3	21.1	4518.6	30.7	4514.0	16.0	4512.1	21.1	4510.2	15.6	4522.7	11.3	4527.3
03/24/2021	11.0	4523.5	11.3	4524.4	20.9	4518.8	30.6	4514.1	16.2	4511.9	21.4	4509.9	15.5	4522.8	11.1	4527.5
04/06/2021	10.8	4523.7	11.2	4524.5	20.8	4518.9	30.3	4514.4	16.0	4512.1	21.0	4510.3	15.7	4522.6	11.7	4526.9
04/28/2021	10.9	4523.6	11.1	4524.6	21.1	4518.6	30.1	4514.6	16.4	4511.7	21.5	4509.8	15.6	4522.7	11.8	4526.8
05/04/2021	11.1	4523.4	11.0	4524.7	21.2	4518.5	30.1	4514.6	16.7	4511.4	21.4	4509.9	15.8	4522.5	11.9	4526.7
06/17/2021	10.8	4523.7	11.2	4524.5	21.3	4518.4	30.6	4514.1	16.9	4511.2	21.8	4509.5	15.9	4522.4	12.2	4526.4
07/20/2021	11	4523.5	11.3	4524.4	21.5	4518.2	30.1	4514.6	16.4	4511.7	21.8	4509.5	15.7	4522.6	12.8	4525.8
08/17/2021	10.9	4523.6	11.5	4524.2	21.1	4518.6	30.6	4514.1	16	4512.1	21.3	4510.0	15.6	4522.7	12	4526.6
09/21/2021	11.2	4523.3	11.8	4523.9	21.4	4518.3	30.5	4514.2	16.4	4511.7	21.7	4509.6	15.2	4523.1	11.8	4526.8
10/15/2021	11.1	4523.4	11.2	4524.5	21.5	4518.2	30.6	4514.1	16.7	4511.4	21.2	4510.1	15.1	4523.2	11.5	4527.1
11/29/2021	11.1	4523.4	11.4	4524.3	21.4	4518.3	30.7	4514.0	16.5	4511.6	21.8	4509.5	15.6	4522.7	11.9	4526.7
12/14/2021	11.4	4523.1	11.6	4524.1	21.7	4518.0	30.5	4514.2	16.8	4511.3	21.6	4509.7	15.7	4522.6	11.8	4526.8
01/10/2022	11.3	4523.2	11.5	4524.2	21.8	4517.9	30.8	4513.9	16.2	4511.9	21.9	4509.4	15.7	4522.6	11.4	4527.2
04/12/2022	11.5	4523.0	12.1	4523.6	21.8	4517.9	30.2	4514.5	16.8	4511.3	21.3	4510.0	15.4	4522.9	11.5	4527.1
07/05/2022	11.6	4522.9	11.9	4523.8	21.4	4518.3	30.3	4514.4	16.7	4511.4	21.7	4509.6	15.2	4523.1	11.1	4527.5
		4534.5		4535.7		4539.7		4544.7		4528.1		4531.3		4538.3		4538.6

Notes

1. All depth to water measurements are taken from the top of the stickup casing, ranging from 2.5'-3.0'.
2. Monitoring Hole #8 (MH-8) was constructed on 3/2/2018.
3. All groundwater readings from Nov. 2017 to Dec. 2018 were taken near the middle of every month.
4. Well Monitoring frequency increased to Bi-Monthly in Jan. 2019 associated with leak test.

Pueblo East M2000-041 Water Levels

