

STATE OF
COLORADO

Lennberg - DNR, Patrick <patrick.lennberg@state.co.us>

Additional Information Required, GW Level Data, Bennett Pit, M2016-085

JC York <jcyork@j-tconsulting.com>

Fri, Jul 11, 2025 at 1:58 PM

To: "Lennberg - DNR, Patrick" <patrick.lennberg@state.co.us>

Cc: Chris Zadel <chrisz@ncconstructors.com>

Patrick –

Attached are the updated readings and the charts/graphs for depth from top of monitor well to groundwater, depth from ground surface to groundwater, and elevation of groundwater for the last two years. We didn't include the Lewis wells in the charts because we only get a depths on those and don't have an elevation to tie them to, but I think what we are providing shows you what is going on as far as the seasonal fluctuations.

Let me know if you have any questions.

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4 attachments**Monitor Well Readings - Bennett Pit 6.23.25.pdf**

126K

**Bennett Pit - Groundwater Elevations Chart-Graph 7.11.25.pdf**

73K

**Bennett Pit - Groundwater Depth from Top of Monitor Well Chart-Graph 7.11.25.pdf**

72K

**Bennett Pit - Groundwater Depth from Ground Surface Chart-Graph 7.11.25.pdf**

72K

Well Designation	JT BH-11			JT BH-14			JT BH-17			JT BH-19			JT BH-23			Lewis 1			Lewis 2			Lewis 3			MW-C			MW-N			MW-RS			MW-RN		
Description	Northeast Side			East Side			South Side			Southwest Side			Northwest Side			Northwest Side			Northwest Side			Northwest Side			Northwest Side			West Side			West Side					
Top of Well Elevation (ft)	4836.78			4839.90			4843.54			4841.44			4835.99			3" Above Ground			3" Above Ground			3" Above Ground			4855.26			4842.12			4843.20			4842.12		
Ground Elevation (ft)	4834.54			4837.46			4841.21			4839.06			4833.42			Not Surveyed			Not Surveyed			Not Surveyed			4852.60			4839.21			4840.05			4840.91		
Date	Depth to Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depth to Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depth to Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depth to Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depth to Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depth to Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depth to Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depth to Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depth to Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depth to Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depth to Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)			
March 21, 2017	7.67	5.43	4829.11	8.00	5.56	4831.90	7.25	4.92	4836.29	8.58	6.20	4832.86	6.67	4.10	4829.32																					
March 28, 2017	7.00	4.76	4829.78	7.42	4.98	4832.48	7.33	5.00	4836.21	8.58	6.20	4832.86	6.33	3.76	4829.66																					
April 5, 2017	6.75	4.51	4830.03	7.25	4.81	4832.65	7.08	4.75	4836.46	8.42	6.04	4833.02	6.00	3.43	4829.99																					
April 11, 2017	7.33	5.09	4829.45	7.67	5.23	4832.23	7.58	5.25	4835.96	8.58	6.20	4832.86	6.50	3.93	4829.49																					
April 20, 2017	7.25	5.01	4829.53	7.58	5.14	4832.32	7.67	5.34	4835.87	8.42	6.04	4833.02	6.33	3.76	4829.66																					
April 27, 2017	6.92	4.68	4829.86	6.92	4.48	4832.98	7.50	5.17	4836.04	7.50	5.12	4833.94	5.67	3.10	4830.32																					
May 4, 2017	6.50	4.26	4830.28	6.08	3.64	4833.82	6.42	4.09	4837.12	5.67	3.29	4835.77	5.17	2.60	4830.82																					
May 12, 2017	6.08	3.84	4830.70	6.17	3.73	4833.73	6.33	4.00	4837.21	5.50	3.12	4835.94	3.83	1.26	4832.16																					
May 17, 2017	7.00	4.76	4829.78	7.00	4.56	4832.90	6.75	4.42	4836.79	5.58	3.20	4835.86	4.67	2.10	4831.32																					
May 25, 2017	5.67	3.43	4831.11	5.50	3.06	4834.40	5.67	3.34	4837.87	5.33	2.95	4836.11	4.17	1.60	4831.82																					
June 1, 2017	6.08	3.84	4830.70	5.92	3.48	4833.98	6.08	3.75	4837.46	5.50	3.12	4835.94	4.00	1.43	4831.99																					
June 7, 2017	6.08	3.84	4830.70	5.83	3.39	4834.07	6.25	3.92	4837.29	5.58	3.20	4835.86	4.42	1.85	4831.57																					
June 16, 2017	6.17	3.93	4830.61	6.08	3.64	4833.82	6.50	4.17	4837.04	5.83	3.4																									

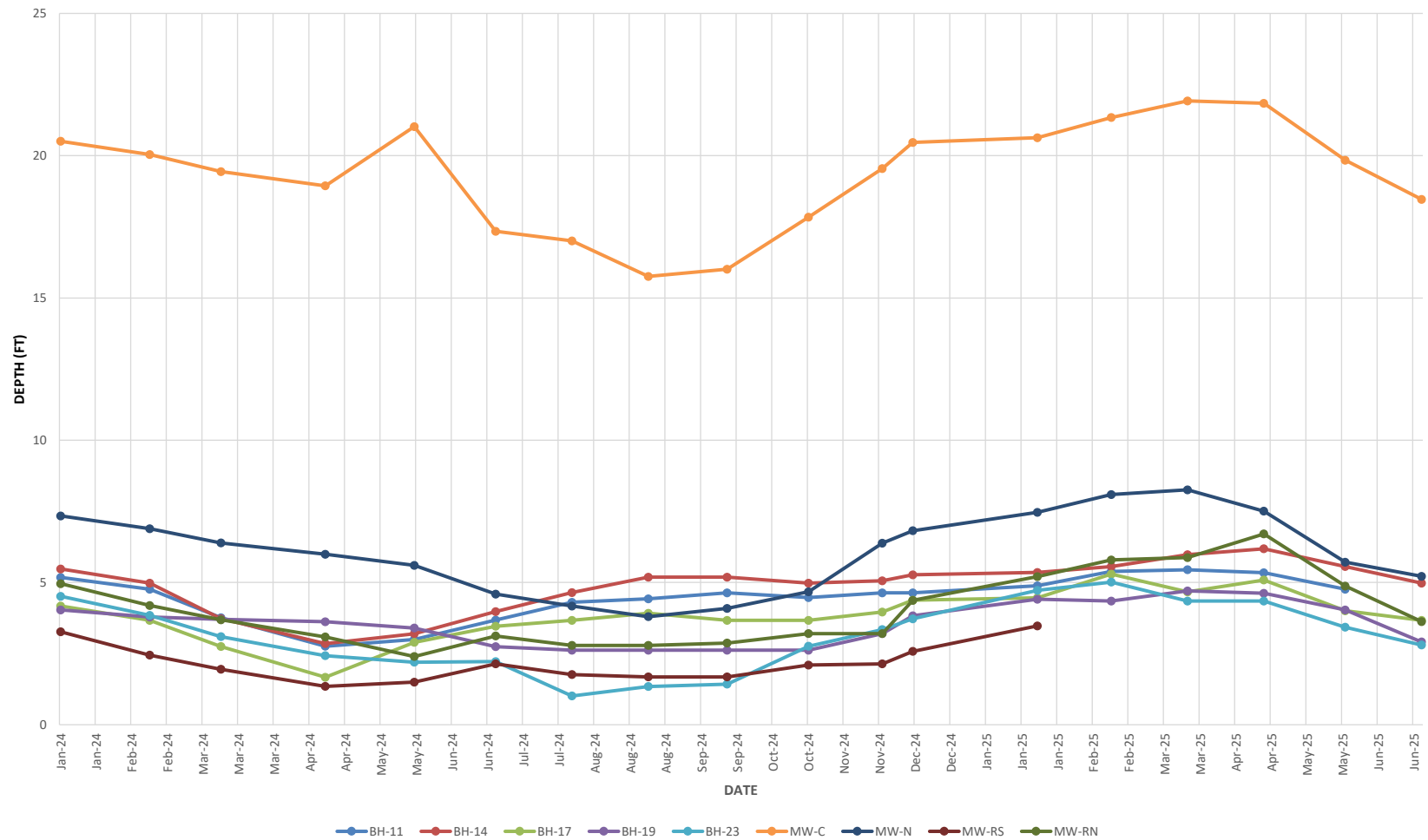
Well Designation	JT BH-11			JT BH-14			JT BH-17			JT BH-19			JT BH-23			Lewis 1			Lewis 2			Lewis 3			MW-C			MW-N			MW-RS			MW-RN		
Description	Northeast Side			East Side			South Side			Southwest Side			Northwest Side			Northwest Side			Northwest Side			Northwest Side			Northwest Side			Northwest Side			West Side			West Side		
Top of Well Elevation (ft)	4836.78			4839.90			4843.54			4841.44			4835.99			3" Above Ground			3" Above Ground			3" Above Ground			4855.26			4842.12			4843.20			4842.12		
Ground Elevation (ft)	4834.54			4837.46			4841.21			4839.06			4833.42			Not Surveyed			Not Surveyed			Not Surveyed			4852.60			4839.21			4840.05			4840.91		
	Depensio Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depensio Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depensio Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depensio Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depensio Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depensio Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depensio Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depensio Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depensio Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depensio Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depensio Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)			
Date																																				
August 3, 2020	7.17	4.93	4829.61	7.67	5.23	4832.23	6.25	3.92	4837.29	5.25	2.87	4836.19	5.25	2.68	4830.74	2.58	2.33		2.00	1.75				19.83	17.17	4835.43	7.75	4.84	4834.37	5.25	2.10	4837.95	4.58	3.37	4837.54	
August 21, 2020	7.42	5.18	4829.36	8.00	5.56	4831.90	6.67	4.34	4836.87	5.33	2.95	4836.11	5.33	2.76	4830.66	2.67	2.42		2.08	1.83				19.75	17.09	4835.51	7.83	4.92	4834.29	5.33	2.18	4837.87	4.58	3.37	4837.54	
August 31, 2020	7.50	5.26	4829.28	8.08	5.64	4831.82	6.58	4.25	4836.96	5.25	2.87	4836.19	5.25	2.68	4830.74	2.75	2.50		2.17	1.92				19.67	17.01	4835.59	7.83	4.92	4834.29	5.17	2.02	4838.03	4.67	3.46	4837.45	
September 14, 2020	7.58	5.34	4829.20	8.17	5.73	4831.73	6.75	4.42	4836.79	5.33	2.95	4836.11	5.17	2.60	4830.82	2.83	2.58		2.25	2.00				19.42	16.76	4835.84	7.67	4.76	4834.45	5.25	2.10	4837.95	4.58	3.37	4837.54	
October 2, 2020	7.33	5.09	4829.45	8.00	5.56	4831.90	6.58	4.25	4836.96	5.42	3.04	4836.02	5.25	2.68	4830.74	2.00	1.75		under water	#VALUE!	Irrigation during this time				20.50	17.84	4834.76	8.08	5.17	4834.04	5.50	2.35	4837.70	4.83	3.62	4837.29
October 19, 2020	7.33	5.09	4829.45	7.92	5.48	4831.98	6.83	4.50	4836.71	5.58	3.20	4835.86	5.67	3.10	4830.32	3.25	3.00		2.58	2.33				21.00	18.34	4834.26	8.42	5.51	4833.70	5.75	2.60	4837.45	4.92	3.71	4837.20	
November 3, 2020	6.75	4.51	4830.03	7.33	4.89	4832.57	6.25	3.92	4837.29	5.58	3.20	4835.86	6.17	3.60	4829.82	3.92	3.67		3.33	3.08				21.58	18.92	4833.68	8.92	6.01	4833.20	5.75	2.60	4837.45	5.25	4.04	4836.87	
November 24, 2020	6.83	4.59	4829.95	7.33	4.89	4832.57	6.50	4.17	4837.04	6.08	3.70	4835.36	6.58	4.01	4829.41	4.25	4.00		3.58	3.33				22.33	19.67	4832.93	9.58	6.67	4832.54	6.00	2.85	4837.20	5.75	4.54	4836.37	
December 4, 2020	6.67	4.43	4830.11	7.25	4.81	4832.65	6.42	4.09	4837.12	6.42	4.04	4835.02	6.67	4.10	4829.32	4.58	4.33		3.83	3.58				22.58	19.92	4832.68	9.92	7.01	4832.20	5.83	2.68	4837.37	6.08	4.87	4836.04	
December 16, 2020	6.58	4.34	4830.20	7.17	4.73	4832.73	6.50	4.17	4837.04	6.75	4.37	4834.69	6.75	4.18	4829.24	4.92	4.67		4.25	4.00				23.00	20.34	4832.26	10.25	7.34	4831.87	5.67	2.52	4837.53	6.33	5.12	4835.79	
January 6, 2021	6.75	4.51	4830.03	7.25	4.81	4832.65	7.00	4.67	4836.54	7.17	4.79	4834.27	7.08	4.51	4828.91	dry	#VALUE!		dry	#VALUE!				23.58	20.92	4831.68	10.58	7.67	4831.54	7.08	3.93	4836.12	6.83	5.62	4835.29	
January 27, 2021	7.92	5.68	4828.86	8.58	6.14	4831.32	7.17	4.84	4836.37	7.67	5.29	4833.77	7.58	5.01	4828.41	dry	#VALUE!		dry	#VALUE!				24.17	21.51	4831.09	11.17	8.26	4830.95	7.58	4.43	4835.62	7.33	6.12	4834.79	
February 9, 2021	7.58	5.34	4829.20	7.83	5.39	4832.07	7.25	4.92	4836.29	7.92	5.54	4833.52	7.67	5.10	4828.32	5.00	4.75		4.17	3.92				24.58	21.92	4830.68	10.58	7.67	4831.54	8.00	4.85	4835.20	7.75	6.54	4834.37	
February 28, 2021	6.58	4.34	4830.20	7.17	4.73	4832.73	7.50	5.17	4836.04	8.75	6.37	4832.69	7.83	5.26	4828.16	5.00	4.75		4.17	3.92				25.00	22.34	4830.26	10.08	7.17	4832.04	8.58	5.43	4834.62	8.25	7.04	4833.87	
March 17, 2021	6.58	4.34	4830.20	7.50	5.06	4832.40	7.75	5.42	4835.79	8.58	6.20	4832.86	7.50	4.93	4828.49	5.00	4.75		4.17	3.92				25.17	22.51	4830.09	10.83	7.92	4831.29	8.33	5.18	4834.87	8.33	7.12	4833.79	
April 2, 2021	6.50	4.26	4830.28	8.08	5.64	4831.82	8.00	5.67	4835.54	8.42	6.04	4833.02	7.25	4.68	4828.74	5.00	4.75		4.17	3.92				25.33	22.67	4829.93	11.83	8.92	4830.29	8.50	5.35	4834.70	8.25	7.04	4833.87	
April 21, 2021	6.33	4.09	4830.45	7.58	5.14	4832.32	7.67	5.34	4835.87	7.50	5.12	4833.94	6.92	4.35	4829.07	5.00	4.75		4.17	3.92				24.33	21.67	4830.93	11.33	8.42	4830.79	7.75	4.60	4835.45	7.58	6.37	4834.54	
May 12, 2021	6.42	4.18	4830.36	7.25	4.81	4832.65	7.50	5.17	4836.04	6.83	4.45	4834.61	5.75	3.18	4830.24	4.08	3.83		3.33	3.08				23.58	20.92	4831.68	10.58	7.67	4831.54	6.83	3.68	4836.37	6.58	5.37	4835.54	
May 24, 2021	6.17	3.93	4830.61	6.83	4.39	4833.07	7.00	4.67	4836.54	6.08	3.70	4835.36	4.67	2.10	4831.32	3.08	2.83		2.42	2.17				22.67	20.01	4832.59	9.17	6.26	4832.95	6.58	3.43	4836.62	5.75	4.54	4836.37	
June 3, 2021	5.92	3.68	4830.86	6.50	4.06	4833.40	6.33	4.00	4837.21	5.42	3.04	4836.02	3.33	0.76	4832.66	1.83	1.58		1.00	0.75				22.08	19.42	4833.18	8.58	5.67	4833.54	6.17	3.02	4837.03	5.17	3.96	4836.95	
June 16, 2021	5.83	3.59	4830.95	6.33	3.89	4833.57	6.08	3.75	4837.46	5.33	2.95	4836.11	4.00	1.43	4831.99	1.58	1.33		0.92	0.67</																

Well Designation	JT BH-11			JT BH-14			JT BH-17			JT BH-19			JT BH-23			Lewis 1			Lewis 2			Lewis 3			MW-C			MW-N			MW-RS			MW-RN		
Description	Northeast Side			East Side			South Side			Southwest Side			Northwest Side			Northwest Side			Northwest Side			Northwest Side			Northwest Side			Northwest Side			West Side			West Side		
Top of Well Elevation (ft)	4836.78			4839.90			4843.54			4841.44			4835.99			3" Above Ground			3" Above Ground			3" Above Ground			4855.26			4842.12			4843.20			4842.12		
Ground Elevation (ft)	4834.54			4837.46			4841.21			4839.06			4833.42			Not Surveyed			Not Surveyed			Not Surveyed			4852.60			4839.21			4840.05			4840.91		
Date	Depth to Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depth to Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depth to Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depth to Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depth to Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depth to Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depth to Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depth to Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depth to Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depth to Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)	Depth to Groundwater from Top of Well (ft)	Depth to Groundwater from Ground (ft)	Elevation of Groundwater (ft)			
May 23, 2024	5.24	3.00	4831.54	5.64	3.20	4834.26	5.23	2.90	4838.31	5.78	3.40	4835.66	4.77	2.20	4831.22	1.83	1.58		1.00	0.75					23.68	21.02	4831.58	8.51	5.60	4833.61	4.65	1.50	4838.55	3.61	2.40	4838.51
June 24, 2024	5.92	3.68	4830.86	6.42	3.98	4833.48	5.79	3.46	4837.75	5.13	2.75	4836.32	4.79	2.22	4831.20	2.00	1.75		1.42	1.17					20.00	17.34	4835.26	7.50	4.59	4834.62	5.29	2.14	4837.91	4.33	3.12	4837.79
July 24, 2024	6.54	4.30	4830.24	7.08	4.64	4832.82	6.00	3.67	4837.54	5.00	2.62	4836.44	3.58	1.01	4832.41	1.00	0.75		1.00	0.75					19.67	17.01	4835.59	7.08	4.17	4835.04	4.92	1.77	4838.28	4.00	2.79	4838.12
August 23, 2024	6.67	4.43	4830.11	7.63	5.19	4832.28	6.25	3.92	4837.29	5.00	2.62	4836.44	3.92	1.35	4832.07	1.21	0.96		1.21	0.96					18.42	15.76	4836.84	6.71	3.80	4835.41	4.83	1.68	4838.37	4.00	2.79	4838.12
September 23, 2024	6.88	4.64	4829.91	7.63	5.19	4832.28	6.00	3.67	4837.54	5.00	2.62	4836.44	4.00	1.43	4831.99	1.92	1.67		1.92	1.67					18.67	16.01	4836.59	7.00	4.09	4835.12	4.83	1.68	4838.37	4.08	2.87	4838.04
October 25, 2024	6.71	4.47	4830.07	7.42	4.98	4832.48	6.00	3.67	4837.54	5.00	2.62	4836.44	5.33	2.76	4830.66	2.33	2.08		2.33	2.08					20.50	17.84	4834.76	7.58	4.67	4834.54	5.25	2.10	4837.95	4.42	3.21	4837.70
November 23, 2024	6.88	4.64	4829.91	7.50	5.06	4832.40	6.29	3.96	4837.25	5.58	3.20	4835.86	5.92	3.35	4830.07	3.58	3.33		3.58	3.33					22.21	19.55	4833.05	9.29	6.38	4832.83	5.29	2.14	4837.91	4.42	3.21	4837.70
December 5, 2024	6.88	4.64	4829.91	7.71	5.27	4832.19	6.71	4.38	4836.83	6.21	3.83	4835.23	6.29	3.72	4829.70	5.00	4.75		5.00	4.75					23.13	20.47	4832.14	9.73	6.82	4832.39	5.73	2.58	4837.47	5.58	4.37	4836.54
January 23, 2025	7.13	4.89	4829.66	7.79	5.35	4832.11	6.79	4.46	4836.75	6.79	4.41	4834.65	7.29	4.72	4828.70	5.00	4.75		5.00	4.75					23.29	20.63	4831.97	10.38	7.47	4831.75	6.63	3.48	4836.58	6.42	5.21	4835.70
February 21, 2025	7.63	5.39	4829.16	8.00	5.56	4831.90	7.63	5.30	4835.92	6.73	4.35	4834.71	7.58	5.01	4828.41	5.00	4.75		5.00	4.75					24.00	21.34	4831.26	11.00	8.09	4831.12	Well Ran Over - Damaged -No read			7.00	5.79	4835.12
March 23, 2025	7.69	5.45	4829.09	8.42	5.98	4831.48	7.00	4.67	4836.54	7.08	4.70	4834.36	6.92	4.35	4829.07	5.00	4.75		5.00	4.75					24.58	21.92	4830.68	11.17	8.26	4830.95	Well Ran Over - Damaged -No read			7.08	5.87	4835.04
April 22, 2025	7.58	5.34	4829.20	8.63	6.19	4831.28	7.42	5.09	4836.12	7.00	4.62	4834.44	6.92	4.35	4829.07	4.58	4.33		4.58	4.33					24.50	21.84	4830.76	10.42	7.51	4831.70	Well Ran Over - Damaged -No read			7.92	6.71	4834.20
May 24, 2025	7.00	4.76	4829.78	8.00	5.56	4831.90	6.33	4.00	4837.21	6.42	4.04	4835.02	6.00	3.43	4829.99	4.00	3.75		4.00	3.75					22.50	19.84	4832.76	8.63	5.72	4833.50	Well Ran Over - Damaged -No read			6.08	4.87	4836.04
June 23, 2025	Well Ran Over - Damaged -No read			7.42	4.98	4832.48	6.00	3.67	4837.54	5.29	2.91	4836.15	5.38	2.81	4830.62	3.00	2.75		3.00	2.75					21.13	18.47	4834.14	8.13	5.22	4834.00	Well Ran Over - Damaged -No read			4.83	3.62	4837.29



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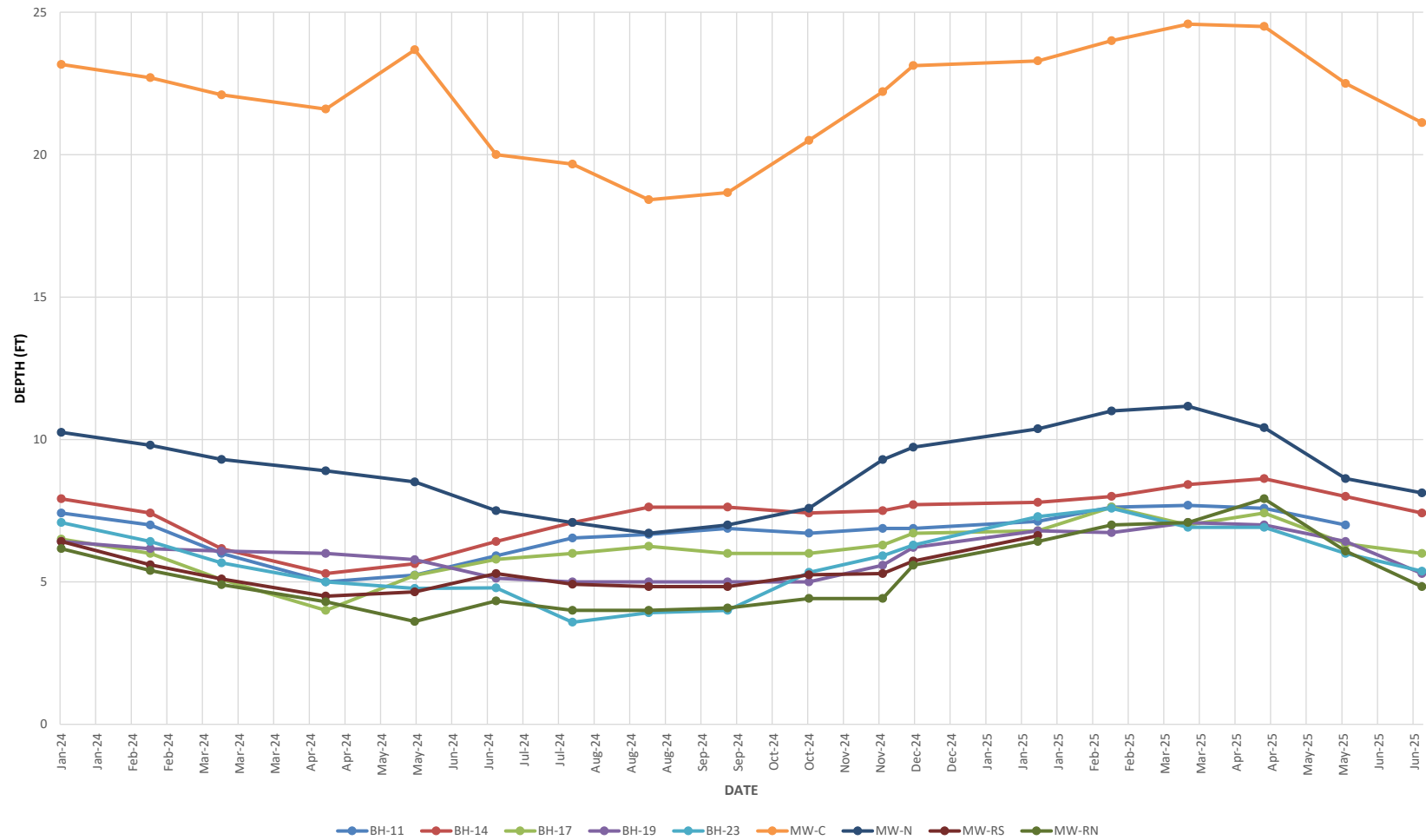
Bennett Mine Monitor Wells Depth to Groundwater Measured From Ground





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Bennett Mine Monitor Wells Depth to Groundwater Measured From Top of Well





J&T Consulting, Inc.

Bennett Mine Monitor Wells Elevation of Groundwater

