



Inspection Report, Irwin/Thomas Mine, M2016-054

Wyatt WEBSTER <wyatt.webster@holcim.com>

Tue, Aug 30, 2022 at 4:10 PM

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

Cc: Jessica Walker <j.walker@holcim.com>

Patrick,

Please find the attached groundwater data in tabular format and historical graphs. Let me know if you have any questions.

Thanks again,

Wyatt Webster | Environmental and Land Manager

Holcim Group | Holcim - WCR, Inc.

Address: [1687 Cole Blvd., Suite 300](#)

[Golden, CO 80401](#)

Office & Mobile: (702) 379-4623

Email: Wyatt.Webster@holcim.com

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2 attachments



Irwin Thomas Chart Data.pdf

234K



Irwin Thomas Monitoring Well Data.pdf

630K

Irwin Monitoring Well Data

Monthly

Top of Riser Elevation

Date	Depth to Water from Top of Riser (ft)					Notes	Water Elevation (ft AMSL)					MW-A	MW-B	MW-C	MW-D	MW-E
	MW-A	MW-B	MW-C	MW-D	MW-E		MW-A	MW-B	MW-C	MW-D	MW-E	4,926.6	4,923.1	4,934.3	4,929.3	4,925.3
11/29/2016	12.50	10.00	12.20	7.10	7.20	wells drilled 11/28/2016	4,914.1	4,913.1	4,922.1	4,922.2	4,918.1					
12/20/2016	12.50	10.20	12.30	7.10	7.30		4,914.1	4,912.9	4,922.0	4,922.2	4,918.0					
1/25/2017	11.70	10.30	12.40	7.10	7.40		4,914.9	4,912.8	4,921.9	4,922.2	4,917.9					
2/23/2017	12.60	10.30	12.20	6.90	7.10		4,914.0	4,912.8	4,922.1	4,922.4	4,918.2					
3/28/2017	12.40	10.10	12.10	6.80	7.00		4,914.2	4,913.0	4,922.2	4,922.5	4,918.3					
4/26/2017	12.60	10.40	12.40	7.10	7.30		4,914.0	4,912.7	4,921.9	4,922.2	4,918.0					
5/31/2017	12.60	10.40	12.50	7.20	7.40		4,914.0	4,912.7	4,921.8	4,922.1	4,917.9					
6/29/2017	11.00	8.30	10.60	6.10	6.60		4,915.6	4,914.8	4,923.7	4,923.2	4,918.7					
7/28/2017	8.50	9.10	10.80	6.60	6.90		4,918.1	4,914.0	4,923.5	4,922.7	4,918.4					
8/22/2017	10.30	9.30	10.50	6.30	6.90		4,916.3	4,913.8	4,923.8	4,923.0	4,918.4					
9/26/2017	11.90	8.00	10.10	4.70	5.80		4,914.7	4,915.1	4,924.2	4,924.6	4,919.5					
10/25/2017	12.20	8.90	11.30	7.90	7.00		4,914.4	4,914.2	4,923.0	4,921.4	4,918.3					
11/16/2017	12.20	9.50	11.60	6.10	7.10		4,914.4	4,913.6	4,922.7	4,923.2	4,918.2					
12/20/2017	12.40	10.00	12.10	6.70	7.30		4,914.2	4,913.1	4,922.2	4,922.6	4,918.0					
1/19/2018	12.60	10.10	12.30	6.80	7.30		4,914.0	4,913.0	4,922.0	4,922.5	4,918.0					
2/1/2018	12.80	10.30	12.20	6.90	7.40		4,913.8	4,912.8	4,922.1	4,922.4	4,917.9					
3/14/2018	12.90	10.30	12.30	7.00	7.40		4,913.7	4,912.8	4,922.0	4,922.3	4,917.9					
4/1/2018	-	-	-	-	-		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!					
5/1/2018	-	-	-	-	-		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!					
6/1/2018	-	-	-	-	-		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!					
7/1/2018	-	-	-	-	-		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!					
8/10/2018	9.11	8.65	10.51	5.30	6.91		4,917.4	4,914.5	4,923.7	4,924.0	4,918.3					
9/25/2018	11.56	7.56	10.86	5.50	6.74		4,915.0	4,915.6	4,923.4	4,923.8	4,918.5					
10/16/2018	12.20	9.52	11.51	6.19	6.86		4,914.4	4,913.6	4,922.7	4,923.1	4,918.4					
11/13/2018	12.47	9.85	12.00	6.62	7.09		4,914.1	4,913.3	4,922.3	4,922.7	4,918.2					
12/10/2018	12.66	10.09	12.21	6.80	7.27		4,913.9	4,913.0	4,922.0	4,922.5	4,918.0					
1/7/2019	12.76	10.19	12.06	7.07	7.34		4,913.8	4,912.9	4,922.2	4,922.3	4,917.9					
2/11/2019	12.85	10.32	12.38	7.18	7.38		4,913.7	4,912.8	4,921.9	4,922.2	4,917.9					
3/19/2019	12.38	10.30	12.38	7.09	7.20		4,914.2	4,912.8	4,921.9	4,922.2	4,918.1					
4/8/2019	12.86	6.39	12.42	7.20	7.39		4,913.7	4,916.7	4,921.8	4,922.1	4,917.9					
5/24/2019	12.54	10.25	10.85	5.90	6.67		4,914.0	4,912.9	4,923.4	4,923.4	4,918.6					
6/17/2019	11.23	8.75	9.67	4.07	4.90		4,915.3	4,914.4	4,924.6	4,925.3	4,920.4					
7/19/2019	11.27	8.22	10.57	5.71	6.69		4,915.3	4,914.9	4,923.7	4,923.6	4,918.6					
8/5/2019	11.42	8.46	9.96	5.53	6.32		4,915.1	4,914.7	4,924.3	4,923.8	4,918.9					
9/17/2019	11.68	9.22	11.23	6.73	8.98		4,914.9	4,913.9	4,923.0	4,922.6	4,916.3					
10/7/2019	12.20	9.70	11.08	6.08	8.17		4,914.4	4,913.4	4,923.2	4,923.3	4,917.1					
11/4/2019	12.45	9.91	12.09	7.14	7.01		4,914.1	4,913.2	4,922.2	4,922.2	4,918.2					

12/9/2019	12.59	10.08	12.16	7.19	7.09		4,914.0	4,913.0	4,922.1	4,922.1	4,918.2
1/21/2020	12.63	10.30	12.39	7.26	7.26		4,913.9	4,912.8	4,921.9	4,922.1	4,918.0
2/17/2020	12.71	10.32	12.45	7.16	7.29		4,913.8	4,912.8	4,921.8	4,922.2	4,918.0
3/24/2020	12.83	10.05	12.33	6.69	6.58		4,913.7	4,913.1	4,921.9	4,922.6	4,918.7
4/28/2020	12.42	9.91	12.31	6.87	6.72		4,914.1	4,913.2	4,921.9	4,922.5	4,918.5
5/27/2020	12.57	8.91	10.34	6.18	6.46		4,914.0	4,914.2	4,923.9	4,923.2	4,918.8
6/30/2020	12.14	8.30	10.44	6.84	6.26		4,914.4	4,914.8	4,923.8	4,922.5	4,919.0
7/27/2020	11.97	7.99	10.23	6.34	5.97		4,914.6	4,915.1	4,924.0	4,923.0	4,919.3
8/25/2020	12.02	7.76	10.35	6.54	6.03		4,914.5	4,915.4	4,923.9	4,922.8	4,919.2
9/30/2020	13.04	9.64	11.84	7.81	7.03		4,913.5	4,913.5	4,922.4	4,921.5	4,918.2
10/31/2020	12.00	10.10	12.30	7.70	7.20		4,914.6	4,913.0	4,922.0	4,921.6	4,918.1
11/27/2020	12.60	10.30	12.40	7.70	7.40		4,914.0	4,912.8	4,921.9	4,921.6	4,917.9
12/26/2020	12.80	10.50	12.50	7.60	7.40		4,913.8	4,912.6	4,921.8	4,921.7	4,917.9
1/23/2021	13.00	10.60	12.50	7.60	7.50		4,913.6	4,912.5	4,921.8	4,921.7	4,917.8
2/27/2021	13.00	10.70	12.60	7.60	7.50		4,913.6	4,912.4	4,921.7	4,921.7	4,917.8
3/28/2021	13.00	10.40	12.40	7.20	6.90		4,913.6	4,912.7	4,921.9	4,922.1	4,918.4
4/30/2021	12.70	10.20	12.40	7.00	6.40		4,913.9	4,912.9	4,921.9	4,922.3	4,918.9
5/28/2021	11.40	9.70	12.00	7.10	6.70		4,915.2	4,913.4	4,922.3	4,922.2	4,918.6
6/27/2021	9.40	8.50	10.20	6.10	5.40		4,917.2	4,914.6	4,924.1	4,923.2	4,919.9
7/31/2021	10.50	9.40	10.00	6.30	6.50		4,916.1	4,913.7	4,924.3	4,923.0	4,918.8
8/27/2021	10.10	9.40	9.90	6.40	6.70		4,916.5	4,913.7	4,924.4	4,922.9	4,918.6
9/25/2021	11.80	9.20	10.00	6.20	6.60		4,914.8	4,913.9	4,924.3	4,923.1	4,918.7
10/30/2021	12.13	9.70	11.40	6.90	7.00		4,914.4	4,913.4	4,922.9	4,922.4	4,918.3
11/27/2021	12.80	9.90	12.00	7.20	7.30		4,913.8	4,913.2	4,922.3	4,922.1	4,918.0
12/19/2021	13.00	10.00	12.30	7.40	7.40		4,913.6	4,913.1	4,922.0	4,921.9	4,917.9
2/1/2022	13.10	10.30	12.40	7.40	7.40		4,913.5	4,912.8	4,921.9	4,921.9	4,917.9
2/28/2022	13.10	10.30	12.50	7.40	7.40		4,913.5	4,912.8	4,921.8	4,921.9	4,917.9
3/31/2022	13.20	10.10	12.50	7.40	7.40		4,913.4	4,913.0	4,921.8	4,921.9	4,917.9
4/28/2022	13.10	10.40	Silt In	8.10	7.10	C - Compromised from Costco	4,913.5	4,912.7	#VALUE!	4,921.2	4,918.2
5/1/2022	12.80	10.00	Silt In	7.00	6.40	C - Compromised from Costco	4,913.8	4,913.1	#VALUE!	4,922.3	4,918.9
6/1/2022	9.80	8.50	Silt In	6.80	6.90	C - Compromised from Costco	4,916.8	4,914.6	#VALUE!	4,922.5	4,918.4
7/1/2022	11.20	9.70	11.80	7.90	7.40		4,915.4	4,913.4	4,922.5	4,921.4	4,917.9
8/1/2022							#N/A	#N/A	#N/A	#N/A	#N/A
9/1/2022							#N/A	#N/A	#N/A	#N/A	#N/A
10/1/2022							#N/A	#N/A	#N/A	#N/A	#N/A
11/1/2022							#N/A	#N/A	#N/A	#N/A	#N/A
12/1/2022							#N/A	#N/A	#N/A	#N/A	#N/A
1/1/2023							#N/A	#N/A	#N/A	#N/A	#N/A
2/1/2023							#N/A	#N/A	#N/A	#N/A	#N/A
3/1/2023							#N/A	#N/A	#N/A	#N/A	#N/A
4/1/2023							#N/A	#N/A	#N/A	#N/A	#N/A

5/1/2023							#N/A	#N/A	#N/A	#N/A	#N/A
6/1/2023							#N/A	#N/A	#N/A	#N/A	#N/A
7/1/2023							#N/A	#N/A	#N/A	#N/A	#N/A
8/1/2023							#N/A	#N/A	#N/A	#N/A	#N/A
9/1/2023							#N/A	#N/A	#N/A	#N/A	#N/A
10/1/2023							#N/A	#N/A	#N/A	#N/A	#N/A
11/1/2023							#N/A	#N/A	#N/A	#N/A	#N/A
12/1/2023							#N/A	#N/A	#N/A	#N/A	#N/A
1/1/2024							#N/A	#N/A	#N/A	#N/A	#N/A
2/1/2024							#N/A	#N/A	#N/A	#N/A	#N/A
3/1/2024							#N/A	#N/A	#N/A	#N/A	#N/A
4/1/2024							#N/A	#N/A	#N/A	#N/A	#N/A
5/1/2024							#N/A	#N/A	#N/A	#N/A	#N/A
6/1/2024							#N/A	#N/A	#N/A	#N/A	#N/A
7/1/2024							#N/A	#N/A	#N/A	#N/A	#N/A
8/1/2024							#N/A	#N/A	#N/A	#N/A	#N/A
9/1/2024							#N/A	#N/A	#N/A	#N/A	#N/A
10/1/2024							#N/A	#N/A	#N/A	#N/A	#N/A
11/1/2024							#N/A	#N/A	#N/A	#N/A	#N/A
12/1/2024							#N/A	#N/A	#N/A	#N/A	#N/A

Irwin Thomas Groundwater Data

