

STATE OF
COLORADO

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

Compliance Requirement Past Due

Chris Zadel <chrisz@ncconstructors.com>
To: Patrick Lennberg <patrick.lennberg@state.co.us>
Cc: "J.C. York" <jcyork@j-tconsulting.com>

Tue, Jul 1, 2025 at 11:22 AM

Good morning Patrick,

Here are the monitoring wells data and some additional information for the NCC Pit # 1 pit compliance requirement.

Please let us know if you have any questions.

Thanks – Chris



From: JC York <jcyork@j-tconsulting.com>
Sent: Tuesday, July 1, 2025 10:57 AM
To: Chris Zadel <chrisz@ncconstructors.com>
Subject: RE: Compliance Requirement Past Due

Chris –

Here are the June readings. They couldn't read Z-5 and Z-7 because of being flooded from the rain they had the day before. See pictures.

Regards,

J.C.

J.C. York, P.E.

J&T Consulting, Inc.

305 Denver Avenue, Suite D

Fort Lupton, CO 80621

Office: (303) 857-6222

Mobile: (970) 222-9530

FAX: (303) 857-6224

From: JC York

Sent: Tuesday, July 1, 2025 10:43 AM

To: Chris Zadel <chrisz@ncconstructors.com>

Subject: RE: Compliance Requirement Past Due

I just got June readings but they didn't read a couple of the wells because they were submerged under water. I will send over shortly.

Regards,

J.C.

J.C. York, P.E.

J&T Consulting, Inc.

305 Denver Avenue, Suite D

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Office: (303) 857-6222

Mobile: (970) 222-9530

FAX: (303) 857-6224

From: Chris Zadel <chrisz@nccconstructors.com>

Sent: Tuesday, July 1, 2025 9:21 AM

To: JC York <jcyork@j-tconsulting.com>

Subject: FW: Compliance Requirement Past Due

Importance: High

J.C.,

Have you received June's readings from Thorton? The most current one I have is 5/28/25. If we don't have June's, I will send the one attached here.

Thanks – Chris



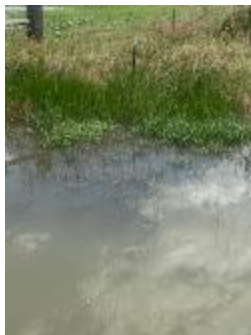
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4 attachments



MW-Z7 6-27-25.jpg
5423K



MW-Z5 6_27_25.jpg
4767K



2025 Q2 Readings on Monitor Wells 6.27.25.pdf
113K



NCCI Pit #1 Monitor Well Map 3.20.24.pdf
2372K

Zadel Pit

Piezometer Number Ground Surface Elevation (ft) ¹⁾ Top of PVC Elevation (ft) ¹⁾	Off-site Monitoring Wells																																											
	MW-Z1 4870.33 4869.73				MW-Z2 4870.66 4870.05				MW-Z3 4862.43 4862.14				MW-Z4 4862.97 4869.24				MW-Z5 4869.49 4869.47				MW-Z6 4869.76 4869.47				MW-Z7 4868.93 4868.39																			
	Date of Measurement	Depth to water from top of PVC (ft)	Depth of water from Ground Surface (ft)	Water Surface Elevation (ft)	Change (ft)	Depth to water from top of PVC (ft)	Depth of water from Ground Surface (ft)	Water Surface Elevation (ft)	Change (ft)	Depth to water from top of PVC (ft)	Depth of water from Ground Surface (ft)	Water Surface Elevation (ft)	Change (ft)	Depth to water from top of PVC (ft)	Depth of water from Ground Surface (ft)	Water Surface Elevation (ft)	Change (ft)	Depth to water from top of PVC (ft)	Depth of water from Ground Surface (ft)	Water Surface Elevation (ft)	Change (ft)	Depth to water from top of PVC (ft)	Depth of water from Ground Surface (ft)	Water Surface Elevation (ft)	Change (ft)	Depth to water from top of PVC (ft)	Depth of water from Ground Surface (ft)	Water Surface Elevation (ft)	Change (ft)															
6/27/2023	1.40	2.00	4868.33	1.92	2.03	2.63	4868.02	2.05	7.15	7.44	4854.99	2.73	7.10	7.35	4855.62	6.36	4.27	4.52	4864.97	7.22	4.10	4.39	4865.37	6.18	2.87	3.41	4865.52	5.53																
8/24/2023	0.60	1.20	4869.13	0.80	1.04	1.64	4869.01	0.99	3.38	3.67	4858.76	3.77	6.70	6.95	4856.02	0.40	5.30	5.55	4863.94	(1.03)	4.89	5.18	4864.58	(0.79)	3.25	3.79	4865.14	(0.38)																
9/11/2023	0.45	1.05	4869.28	0.15	0.75	1.35	4869.30	0.29	3.17	3.46	4858.97	0.21	6.76	7.01	4855.96	(0.06)	6.25	6.50	4862.99	(0.95)	5.75	6.04	4863.72	(0.86)	4.05	4.59	4864.34	(0.80)																
10/18/2023	0.50	1.10	4869.23	(0.05)	0.90	1.50	4869.15	(0.15)	3.22	3.51	4858.92	(0.05)	7.15	7.40	4855.57	(0.39)	5.78	6.03	4863.46	0.47	5.39	5.68	4864.08	0.36	3.81	4.35	4864.58	0.24																
11/13/2023	1.02	1.62	4868.71	(0.52)	1.45	2.05	4868.60	(0.55)					7.18	7.43	4855.54	(0.03)	6.53	6.78	4862.71	(0.75)	6.04	6.33	4863.43	(0.65)	4.42	4.96	4863.97	(0.61)																
12/13/2023	1.52	2.12	4868.21	(0.50)	2.07	2.67	4867.98	(0.62)	4.15	4.44	4857.99	(0.93)	7.30	7.55	4855.42	(0.12)	7.09	7.34	4862.15	(0.56)	6.50	6.79	4862.97	(0.46)	4.82	5.36	4863.57	(0.40)																
1/9/2024	1.80	2.40	4867.93	(0.28)	2.40	3.00	4867.65	(0.33)	4.25	4.54	4857.89	(0.10)	7.35	7.60	4855.37	(0.05)	7.37	7.62	4861.87	(0.28)	6.73	7.02	4862.74	(0.23)	5.01	5.55	4863.38	(0.19)																
2/5/2024	1.97	2.57	4867.76	(0.17)	2.61	3.21	4867.44	(0.21)	4.22	4.51	4857.92	0.03	7.47	7.72	4855.25	(0.12)	7.52	7.77	4861.72	(0.15)	6.76	7.05	4862.71	(0.03)	5.01	5.55	4863.38	0.00																
3/6/2024	2.22	2.82	4867.51	(0.25)	2.87	3.47	4867.18	(0.26)	4.31	4.60	4857.83	(0.09)	7.35	7.60	4855.37	0.12	7.32	7.57	4861.92	0.20	6.72	7.01	4862.75	0.04	5.02	5.56	4863.37	(0.01)																
4/16/2024	2.88	3.48	4866.85	(0.66)	3.42	4.02	4866.63	(0.55)	4.10	4.39	4858.04	0.21	6.77	7.02	4855.95	0.58	5.99	6.24	4863.25	1.33	5.50	5.79	4863.97	1.22	4.96	5.50	4863.43	0.06																
5/23/2024	1.49	2.09	4868.24	1.39	2.02	2.62	4868.03	1.40	2.95	3.24	4859.19	1.15	6.05	6.30	4856.67	0.72	4.95	5.20	4864.29	1.04	4.78	5.07	4864.69	0.72	3.32	3.86	4865.07	1.64																
6/21/2024	0.83	1.43	4868.90	0.66	1.25	1.85	4868.80	0.77	2.83	3.12	4859.31	0.12	6.13	6.38	4856.59	(0.08)	5.42	5.67	4863.82	(0.47)	5.18	5.47	4864.29	(0.40)	3.64	4.18	4864.75	(0.32)																
7/2/2024	0.58	1.18	4869.15	0.25	1.00	1.60	4869.05	0.25	2.43	2.72	4859.71	0.40	6.12	6.37	4856.60	0.01	5.45	5.70	4863.79	(0.03)	5.20	5.49	4864.27	(0.02)	3.70	4.24	4864.69	(0.06)																
8/5/2024	0.40	1.00	4869.33	0.18	0.72	1.32	4869.33	0.28	2.95	3.24	4859.19	(0.52)	6.58	6.83	4856.14	(0.46)	5.32	5.57	4863.92	0.13	5.10	5.39	4864.37	0.10	3.59	4.13	4864.80	0.11																
9/6/2024	0.13	0.73	4869.60	0.27	0.50	1.10	4869.55	0.22					2.82	3.07	4859.90	3.76	5.65	5.90	4863.59	(0.33)	6.68	6.97	4862.79	(1.58)	4.12	4.66	4864.27	(0.53)																
9/16/2024																																												
10/4/2024	0.34	0.94	4869.39	(0.21)	0.68	1.28	4869.37	(0.18)	2.74	3.03	4859.40	(0.03)	6.90	7.15	4855.82	(4.08)	4.05	4.30	4865.19	1.60	5.57	5.86	4863.90	1.11	5.82	6.36	4862.57	(1.70)																
11/12/2024	1.31	1.91	4868.42	(0.97)	1.96	2.56	4868.09	(1.28)	3.60	3.89	4858.54	(0.86)	6.93	7.18	4855.79	(0.03)	4.37	4.62	4864.87	(0.32)	5.87	6.16	4863.60	(0.30)	6.13	6.67	4862.26	(0.31)																
12/11/2024	2.83	3.43	4866.90	(1.52)	3.55	4.15	4866.50	(1.59)	4.07	4.36	4858.07	(0.47)	7.10	7.35	4855.62	(0.17)	5.90	6.15	4863.34	(1.53)	7.35	7.64	4862.12	(1.48)	7.58	8.12	4860.81	(1.45)																
1/14/2025	3.74	4.34	4865.99	(0.91)	4.49	5.09	4865.56	(0.94)	4.40	4.69	4857.74	(0.33)	7.37	7.62	4855.35	(0.27)	6.55	6.80	4862.69	(0.65)	8.02	8.31	4861.45	(0.67)	8.20	8.74	4860.19	(0.62)																
2/5/2025	4.15	4.75	4865.58	(0.41)	4.83	5.43	4865.22	(0.34)	4.48	4.77	4857.66	(0.08)	7.40	7.65	4855.32	(0.03)	6.75	7.00	4862.49	(0.20)	8.24	8.53	4861.23	(0.22)	8.45	8.99	4859.94	(0.25)																
3/4/2025	4.44	5.04	4865.29	(0.29)	5.20	5.80	4864.85	(0.37)	4.60	4.89	4857.54	(0.12)	7.40	7.65	4855.32	0.00	6.80	7.05	4862.44	(0.05)	8.23	8.52	4861.24	0.01	8.32	8.86	4860.07	0.13																
4/25/2025	4.31	4.91	4865.42	0.13	5.10	5.70	4864.95	0.10	4.05	4.34	4858.09	0.55	6.65	6.90	4856.07	0.75	6.50	6.75	4862.74	0.30	6.13	6.42	4863.34	2.10	4.59	5.13	4863.80	3.73																
5/28/2025	3.17	3.77	4866.56	1.14	4.01	4.61	4866.04	1.09	3.40	3.69	4858.74	0.65	6.23	6.48	4856.49	0.42	5.07	5.32	4864.17	1.73	6.62	6.91	4864.85	1.51	3.54	4.08	4864.85	1.05																
6/27/2025	2.31	2.91	4867.42	0.86	3.05	3.65	4867.00	0.96	2.97	3.26	4859.17	0.43	6.16	6.41	4856.56	0.07	No Read	#VALUE!	#VALUE!	#VALUE!	3.48	3.77	4865.99	1.14	No Read	#VALUE!	#VALUE!	#VALUE!																
Max	4.44	5.04	4869.60	1.92	5.20	5.80	4869.55	2.05	7.15	7.44	4859.71	3.77	7.47	7.72	4859.90	6.36	7.52	#VALUE!	#VALUE!	#VALUE!	8.24	8.53	4865.99	6.18	8.45	#VALUE!	#VALUE!	#VALUE!																
Min	0.13	0.73	4865.29	(1.52)	0.50	1.10	4864.85	(1.59)	2.43	2.72	4854.99	(0.93)	2.82	3.07	4855.25	(4.08)	4.05	#VALUE!	#VALUE!	#VALUE!	3.48	3.77	4861.23	(1.58)	4.97	#VALUE!	#VALUE!	#VALUE!																
Max Change	4.31	4.31	4.31		4.70	4.70	4.70		4.72	4.72	4.72		4.65	4.65	4.65		3.47	#VALUE!	#VALUE!	#VALUE!	4.76	4.76	4.76		5.58	#VALUE!	#VALUE!	#VALUE!																
Average	1.85	2.45	4867.88	0.04	2.41	3.02	4867.64	0.04	3.74	4.04	4858.40	0.30	6.71	6.96	4856.01	0.30	5.92	#VALUE!	#VALUE!	#VALUE!	5.95	6.24	4863.52	0.28	4.97	#VALUE!	#VALUE!	#VALUE!																

¹⁾ Elevations surveyed by Survey Systems, Evergreen, Colorado (July, 2011).





Figure 1.1

Thornton 2019 Gravel Pit Monitoring
Map of Monitoring Wells at Zadel Pit

DRCOG 2012 DRAPP AERIAL PHOTOGRAPHY
Map Created 9/19/19

