



STATE OF
COLORADO

Ebert - DNR, Jared <jared.ebert@state.co.us>

Fred Orr Property ground water elevations 10-2018

Environment-Inc <Environment-inc@outdrs.net>

Mon, Oct 15, 2018 at 3:17 PM

To: Jared Ebert <Jared.Ebert@state.co.us>

Cc: Fred Orr <fred@5040group.com>

Jared,

Got out to Fred Orr's 104th property today for the monthly reading on the wells and have not sent you a recent spreadsheet. So here is the updated spreadsheet through October's readings (elevations only)

There's not much change.

From last month
9/12/18 to 10/15/18
MW1 -0.6"
MW2 -2.04"
MW3 -2.28"

From Last year
10/13/17 to 10/15/18
MW1 -2.64"
MW2 -1.08"
MW3 none

I can send you the excel version if you want it.

Regards,
Steve

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104th-Well_Monitoring_data10-15-18.pdf

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EQUITY FUNDING - 104TH PROPERTY
MONITOR WELL DATA FROM JANUARY 2017 THROUGH CURRENT
ALL DEPTHS MEASURED FROM TOP OF CASING

			UPDATED:	10/15/2018
MONITOR WELL NO.	MW 01	MW 02	MW 03	NOTES
LATITUDE (WSG 84 NAVD 88)	39d53'16.708"	39d53'18.345"	39d53'19.717"	Installed 1/25/2017
LONGITUDE (WSG 84 NAVD 88)	104d53'35.069"	104d53'33.064"	104d53'30.044"	#1 - td- 12.7' Muck 3', Gravel 6.90' #2 td- 11.10' Muck 4' Gravel 4.65'
ELEVATION (TOG), FT (NAVD 88)	5,039.69	5,040.35	5,043.43	#3 - td-12.92' Muck 4', Gravel 6.16 ft
CASING HEIGHT, FT	2.80	2.45	2.76	
ELEVATION (TOC), FT	5,042.49	5,042.80	5,046.19	
TOTAL DEPTH (FT.)	9.90	8.65	10.16	
NOTES: Navd 88 elevations WGS 84 lat long				
DATE SAMPLED	DEPTH TO GROUNDWATER ON DATE SAMPLED (feet)			
1/25/2017	3.20	2.83	3.35	Moderate Fulton ditch discharge into overflow. AI GWF being installed
2/10/2017	3.33	2.79	2.87	High Fulton ditch discharge into overflow. AI GWF no discharge
3/9/2017	3.66	3.03	3.51	No Fulton ditch return flow. AI GWF no discharge
4/11/2017	3.64	2.86	3.36	No Fulton ditch return flow. AI GWF no discharge
5/12/2017	3.60	2.86	3.33	No Fulton ditch return flow. AI GWF no discharge
6/13/2017	3.94	2.92	3.18	No Fulton ditch return flow. AI GWF no discharge
7/12/2017	4.05	2.96	3.14	No Fulton ditch return flow. AI GWF no discharge
8/11/2017	3.95	3.10	3.48	No Fulton ditch return flow. AI GWF no discharge
9/12/2017	3.99	3.01	3.28	No Fulton ditch return flow. AI GWF no discharge
10/13/2017	4.18	3.27	3.50	No Fulton ditch return flow. AI GWF no discharge
11/8/2017	3.15	2.62	3.16	Both southern Fulton ditch return flows running . AI GWF no discharge
12/12/2017	3.16	2.68	3.26	Both southern Fulton ditch return flows running . AI GWF no discharge
1/12/2018	3.02	2.55	3.21	Both southern Fulton ditch return flows running . AI GWF no discharge MW2 ice at 2.50'
2/12/2018	2.98	2.40	3.16	Both southern Fulton ditch return flows running . AI GWF no discharge MW2 ice frozen solid @ 2.0'
3/12/2018	3.97	3.00	3.25	No Fulton return flow. AI GWF discharge started 3/15/18
4/12/2018	3.98	2.98	3.28	AI drain has water no ditch overflow
5/11/2018	4.25	3.10	3.27	AI drain has limited water no ditch overflow
6/12/2018	4.39	3.18	3.29	AI drain has limited water no ditch overflow surface dry I pond area down to 6 in min.
7/12/2018	4.43	3.26	3.35	AI drain has limited water no ditch overflow surface dry siuth end north is wet
8/9/2018	4.35	3.19	3.29	AI drain has limited water no ditch overflow surface dry south end
9/12/2018	4.35	3.19	3.31	No ditch over flow
10/15/2018	4.40	3.36	3.50	No ditch over flow