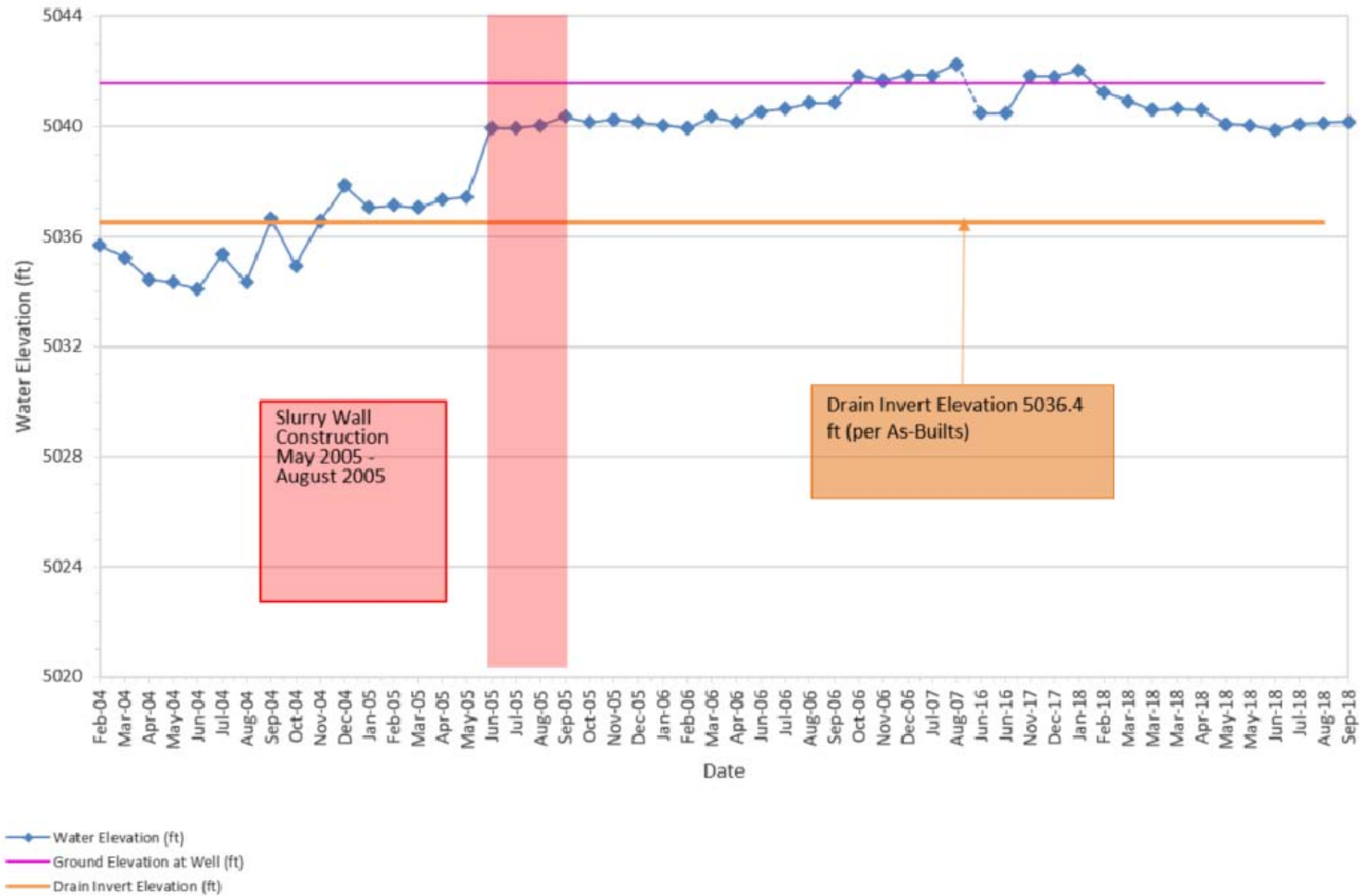


H2MW-2 Groundwater Elevations Hazeltine Mine, Thornton, Colorado



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AGGREGATE INDUSTRIES

GROUNDWATER LEVELS
NEAR ORR PROPERTY

H2MW-2

Project No.: 200-23514-18001

Date: SEPTEMBER 2018

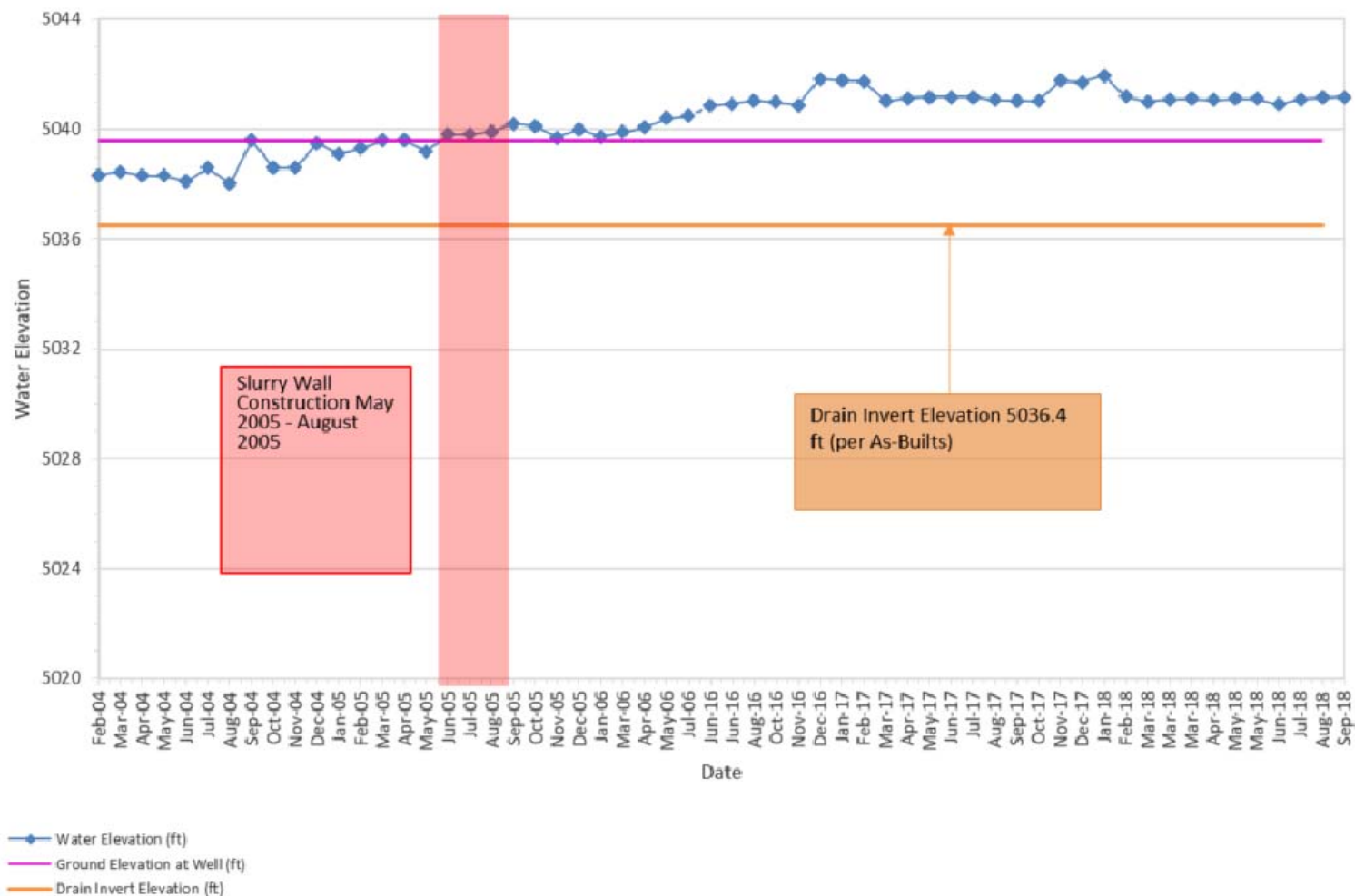
Designed By: MHF

FIGURE

1

Bar Measures 1 inch

HZMW-11A Groundwater Elevations Hazeltine Mine, Thornton, Colorado



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GROUNDWATER LEVELS
NEAR ORR PROPERTY

HZMW-11A

Project No.: 200-23514-18001

Date: SEPTEMBER 2018

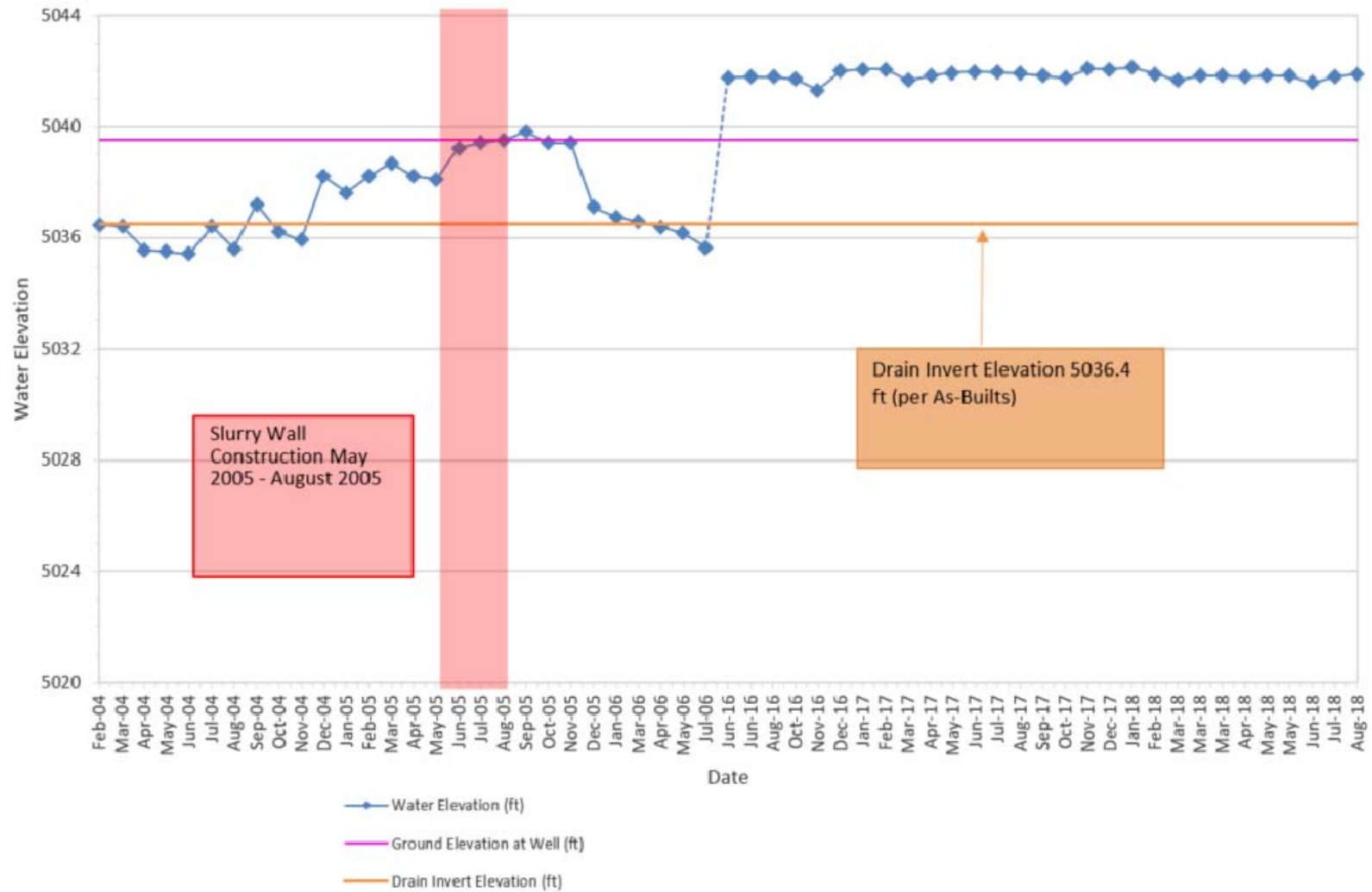
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FIGURE

2

Bar Measures 1 inch

HZMW-11B Groundwater Elevations Hazeltine Mine, Thornton



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NEAR ORR PROPERTY

HZMW-11B

Project No.: 200-23514-18001

Date: SEPTEMBER 2018

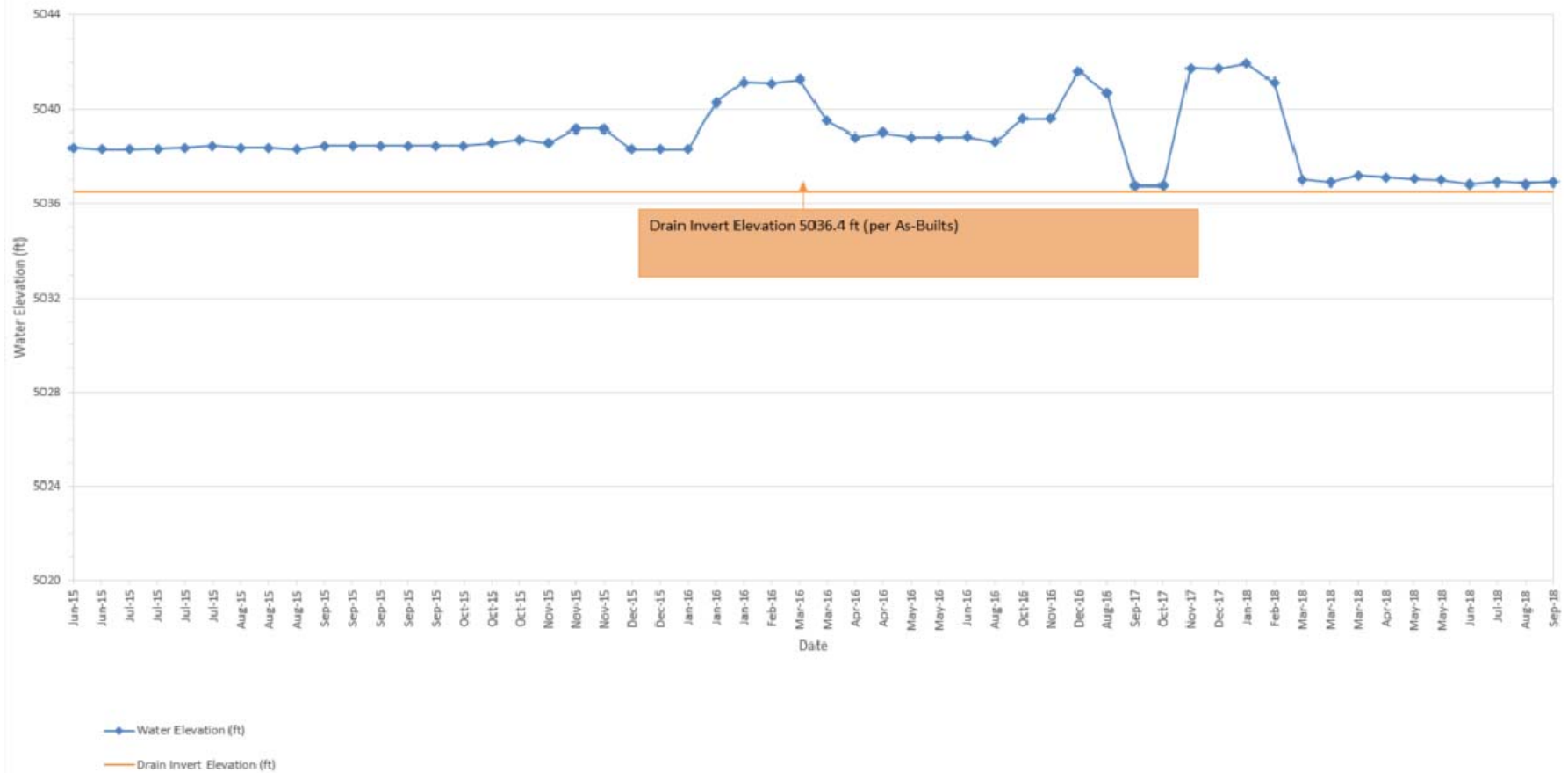
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FIGURE

3

Bar Measures 1 inch

Staff Gauge-2
Groundwater Elevations
Hazeltine Mine, Thornton, Colorado



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GROUNDWATER LEVELS
NEAR ORR PROPERTY

STAFF GAUGE 2

Project No.: 200-23514-18001

Date: SEPTEMBER 2018

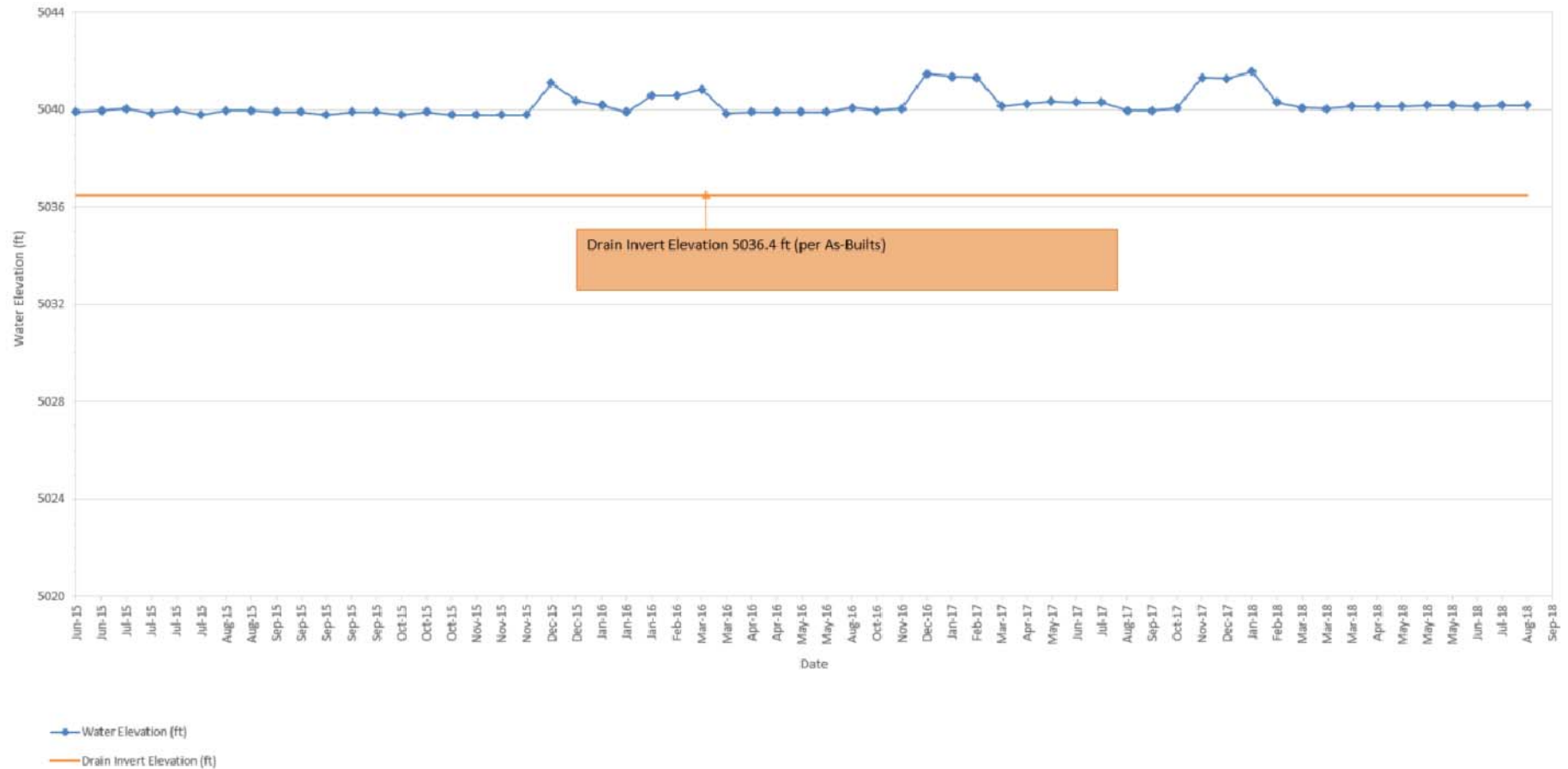
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FIGURE

4

Bar Measures 1 inch

Staff Gauge-11
Groundwater Elevations
Hazeltine Mine, Thornton, Colorado



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GROUNDWATER LEVELS
NEAR ORR PROPERTY

STAFF GAUGE 11

Project No.: 200-23514-18001

Date: SEPTEMBER 2018

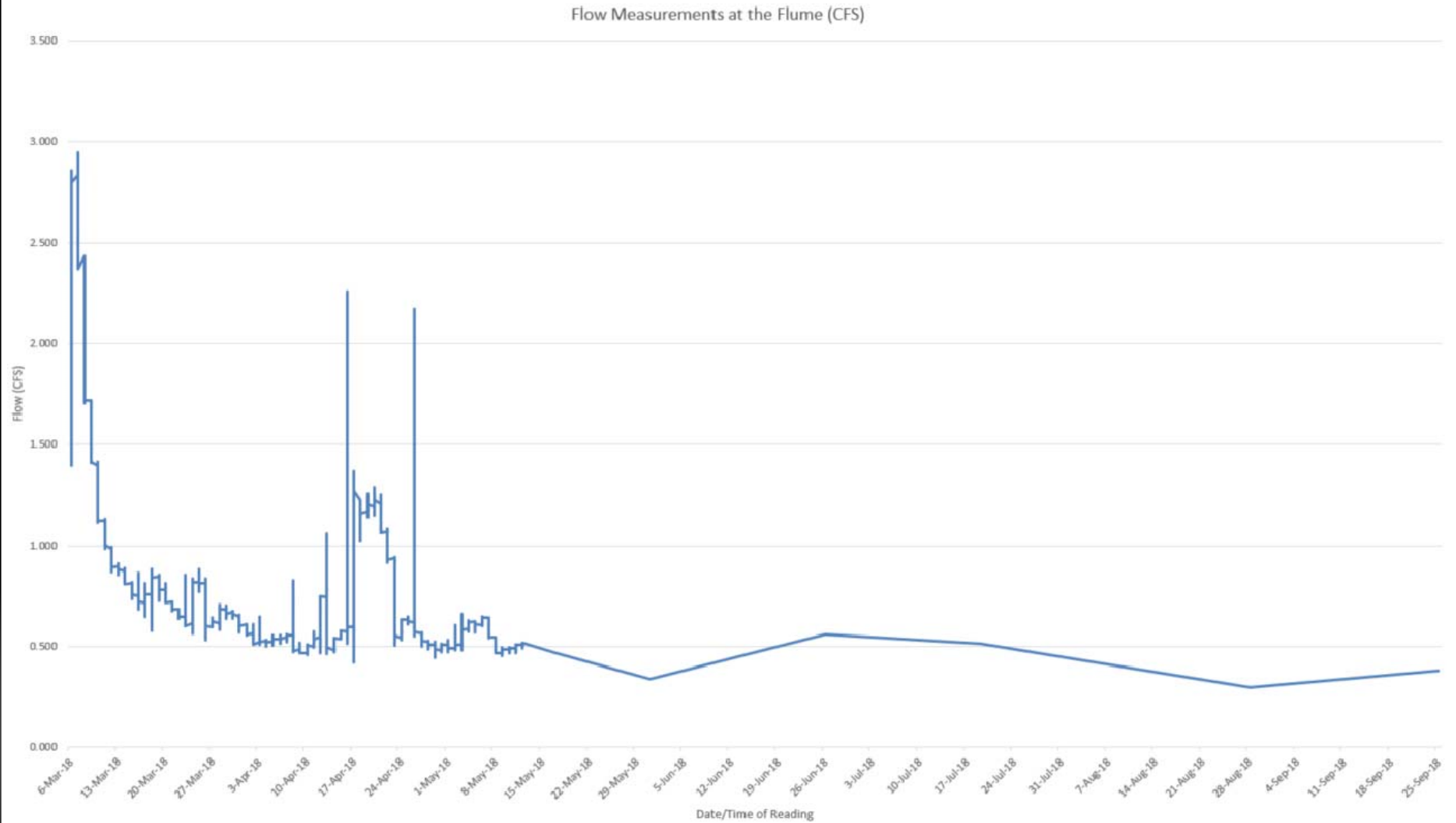
Designed By: MHF

FIGURE

5

Bar Measures 1 inch

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AGGREGATE INDUSTRIES
GROUNDWATER LEVELS
NEAR ORR PROPERTY
HYDROGRAPH AT FLUME

Project No.: 200-23514-18001

Date: SEPTEMBER 2018

Designed By: MHF

FIGURE

6

Bar Measures 1 inch

GROUNDWATER OBSERVATION DATA SHEETS							9/26/2018
September 2018							
HAZELTINE							Aggregate Industries
Date	Water Elevation (ft)			Ground Elevation at Well (ft)			Drain Invert Elevation (ft)
	MW-2	MW-11A	MW-11B	MW-2	MW-11A	MW-11B	
2/16/2004	5035.67	5038.32	5036.47	5041.59	5039.59	5039.51	5036.5
3/11/2004	5035.24	5038.45	5036.42	5041.59	5039.59	5039.51	5036.5
4/6/2004	5034.44	5038.3	5035.57	5041.59	5039.59	5039.51	5036.5
5/6/2004	5034.34	5038.3	5035.52	5041.59	5039.59	5039.51	5036.5
6/7/2004	5034.09	5038.1	5035.42	5041.59	5039.59	5039.51	5036.5
7/9/2004	5035.34	5038.6	5036.42	5041.59	5039.59	5039.51	5036.5
8/5/2004	5034.34	5038	5035.62	5041.59	5039.59	5039.51	5036.5
9/8/2004	5036.64	5039.6	5037.22	5041.59	5039.59	5039.51	5036.5
10/13/2004	5034.94	5038.6	5036.22	5041.59	5039.59	5039.51	5036.5
11/2/2004	5036.54	5038.6	5035.92	5041.59	5039.59	5039.51	5036.5
12/1/2004	5037.84	5039.5	5038.22	5041.59	5039.59	5039.51	5036.5
1/4/2005	5037.04	5039.1	5037.62	5041.59	5039.59	5039.51	5036.5
2/4/2005	5037.14	5039.3	5038.22	5041.59	5039.59	5039.51	5036.5
3/3/2005	5037.04	5039.6	5038.72	5041.59	5039.59	5039.51	5036.5
4/4/2005	5037.34	5039.6	5038.22	5041.59	5039.59	5039.51	5036.5
5/2/2005	5037.44	5039.2	5038.12	5041.59	5039.59	5039.51	5036.5
6/8/2005	5039.94	5039.8	5039.22	5041.59	5039.59	5039.51	5036.5
7/5/2005	5039.94	5039.8	5039.42	5041.59	5039.59	5039.51	5036.5
8/5/2005	5040.04	5039.9	5039.52	5041.59	5039.59	5039.51	5036.5
9/1/2005	5040.34	5040.2	5039.82	5041.59	5039.59	5039.51	5036.5
10/3/2005	5040.14	5040.1	5039.42	5041.59	5039.59	5039.51	5036.5
11/8/2005		5039.7	5039.42	5041.59	5039.59	5039.51	5036.5
11/9/2005	5040.24			5041.59	5039.59	5039.51	5036.5
12/2/2005	5040.14	5040	5037.12	5041.59	5039.59	5039.51	5036.5
1/6/2006		5039.73	5036.78	5041.59	5039.59	5039.51	5036.5
1/9/2006	5040.04			5041.59	5039.59	5039.51	5036.5
2/6/2006	5039.94			5041.59	5039.59	5039.51	5036.5
3/2/2006	5040.34			5041.59	5039.59	5039.51	5036.5
3/16/2006		5039.88	5036.58	5041.59	5039.59	5039.51	5036.5
4/5/2006	5040.14	5040.05	5036.4	5041.59	5039.59	5039.51	5036.5
5/4/2006		5040.4	5036.16	5041.59	5039.59	5039.51	5036.5
6/1/2006	5040.54			5041.59	5039.59	5039.51	5036.5
7/7/2006	5040.64	5040.47	5035.67	5041.59	5039.59	5039.51	5036.5
8/2/2006	5040.84			5041.59	5039.59	5039.51	5036.5
9/5/2006	5040.84			5041.59	5039.59	5039.51	5036.5
10/2/2006	5041.84			5041.59	5039.59	5039.51	5036.5
11/2/2006	5041.64			5041.59	5039.59	5039.51	5036.5
12/4/2006	5041.84			5041.59	5039.59	5039.51	5036.5
7/3/2007	5041.84			5041.59	5039.59	5039.51	5036.5
8/7/2007	5042.24			5041.59	5039.59	5039.51	5036.5

Date	Water Elevation (ft)			Ground Elevation at Well (ft)			Drain Invert Elevation (ft)
	MW-2	MW-11A	MW-11B	MW-2	MW-11A	MW-11B	
6/7/2016	5040.48	5040.85	5041.77	5041.59	5039.59	5039.51	5036.5
6/15/2016	5040.48	5040.92	5041.8	5041.59	5039.59	5039.51	5036.5
8/19/2016		5041.04	5041.8	5041.59	5039.59	5039.51	5036.5
10/11/2016		5040.97	5041.72	5041.59	5039.59	5039.51	5036.5
11/14/2016		5040.88	5041.33	5041.59	5039.59	5039.51	5036.5
12/12/2016		5041.83	5042.01	5041.59	5039.59	5039.51	5036.5
1/10/2017		5041.76	5042.07	5041.59	5039.59	5039.51	5036.5
2/17/2017		5041.74	5042.07	5041.59	5039.59	5039.51	5036.5
3/20/2017		5041.01	5041.67	5041.59	5039.59	5039.51	5036.5
4/11/2017		5041.12	5041.84	5041.59	5039.59	5039.51	5036.5
5/16/2017		5041.16	5041.94	5041.59	5039.59	5039.51	5036.5
6/12/2017		5041.155	5041.98	5041.59	5039.59	5039.51	5036.5
7/10/2017			5041.965	5041.59	5039.59	5039.51	5036.5
7/11/2017		5041.17		5041.59	5039.59	5039.51	5036.5
8/4/2017		5041.05	5041.92	5041.59	5039.59	5039.51	5036.5
9/5/2017		5041.03	5041.82	5041.59	5039.59	5039.51	5036.5
10/4/2017		5041.02	5041.75	5041.59	5039.59	5039.51	5036.5
11/9/2017	5041.8	5041.77	5042.09	5041.59	5039.59	5039.51	5036.5
12/17/2017			5042.07	5041.59	5039.59	5039.51	5036.5
12/18/2017	5041.78	5041.7		5041.59	5039.59	5039.51	5036.5
1/12/2018	5042.02	5041.95	5042.12	5041.59	5039.59	5039.51	5036.5
2/16/2018	5041.25	5041.19	5041.89	5041.59	5039.59	5039.51	5036.5
3/6/2018	5040.91	5040.99	5041.67	5041.59	5039.59	5039.51	5036.5
3/16/2018	5040.59	5041.08	5041.82	5041.59	5039.59	5039.51	5036.5
3/20/2018	5040.64	5041.11	5041.82	5041.59	5039.59	5039.51	5036.5
4/11/2018	5040.6	5041.06	5041.8	5041.59	5039.59	5039.51	5036.5
5/17/2018	5040.08	5041.09	5041.82	5041.59	5039.59	5039.51	5036.5
5/31/2018	5040.04	5041.11	5041.82	5041.59	5039.59	5039.51	5036.5
6/26/2018	5039.84	5040.89	5041.6	5041.59	5039.59	5039.51	5036.5
7/19/2018	5040.08	5041.08	5041.78	5041.59	5039.59	5039.51	5036.5
8/28/2018	5040.12	5041.15	5041.9	5041.59	5039.59	5039.51	5036.5
9/25/2018	5040.16	5041.17	5041.84	5041.59	5039.59	5039.51	5036.5

STAFF GAUGE OBSERVATION DATA SHEETS				9/26/2018
September 2018				
HAZELTINE		Aggregate Industries		
Date	Water Elevation (ft)			Invert Elevation (ft)
	SG-2	SG-11	FLUME	
06/23/15	5038.36	5039.88		5036.50
06/29/15	5038.26	5039.98		5036.50
07/07/15	5038.26	5040.03		5036.50
07/15/15	5038.31	5039.83		5036.50
07/22/15	5038.36	5039.98		5036.50
07/29/15	5038.46	5039.78		5036.50
08/06/15	5038.36	5039.98		5036.50
08/13/15	5038.36	5039.98		5036.50
08/19/15	5038.26			5036.50
09/01/15	5038.46	5039.88		5036.50
09/08/15	5038.46	5039.88		5036.50
09/15/15	5038.46	5039.78		5036.50
09/22/15	5038.46	5039.88		5036.50
09/29/15	5038.46			5036.50
09/30/15		5039.88		5036.50
10/14/15	5038.46	5039.78		5036.50
10/20/15	5038.56	5039.88		5036.50
10/27/15	5038.71	5039.78		5036.50
11/02/15	5038.56	5039.78		5036.50
11/10/15	5039.16	5039.78		5036.50
11/16/15	5039.16	5039.78		5036.50
12/02/15	5038.26	5041.08		5036.50
12/21/15	5038.26	5040.38		5036.50
01/03/16	5038.26	5040.18		5036.50
01/15/16	5040.30	5039.88		5036.50
01/29/16	5041.15	5040.58		5036.50
02/15/16	5041.10	5040.58		5036.50
03/01/16	5041.25	5040.83		5036.50
03/15/16	5039.50	5039.83		5036.50
04/05/16	5038.80	5039.88		5036.50
04/22/16	5039.00	5039.88		5036.50
05/05/16	5038.80	5039.88		5036.50
05/18/16	5038.80	5039.88		5036.50
06/07/16	5038.82			5036.50
08/19/16	5038.60			5036.50
10/11/16	5039.60			5036.50
11/14/16	5039.60			5036.50
12/12/16	5041.60			5036.50
08/04/16	5040.70			5036.50
08/19/16		5040.08		5036.50
10/11/16		5039.98		5036.50

Date	Water Elevation (ft)			Invert Elevation (ft)
	SG-2	SG-11	FLUME	
11/14/16		5040.03		5036.50
12/12/16		5041.48		5036.50
01/10/17		5041.36		5036.50
02/17/17		5041.33		5036.50
03/20/17		5040.13		5036.50
04/11/17		5040.23		5036.50
05/16/17		5040.33		5036.50
06/12/17		5040.28		5036.50
07/10/17		5040.28		5036.50
08/04/17		5039.98		5036.50
09/05/17	5036.73	5039.95		5036.50
10/04/17	5036.75	5040.06		5036.50
11/09/17	5041.73	5041.33		5036.50
12/18/17	5041.71	5041.28		5036.50
01/12/18	5041.93	5041.58		5036.50
02/16/18	5041.13	5040.28		5036.50
03/06/18	5037.00	5040.08		5036.50
03/16/18	5036.90	5040.03	5036.51	5036.50
03/20/18	5037.18	5040.13	5036.51	5036.50
04/11/18	5037.09	5040.13	5036.48	5036.50
05/17/18	5037.03	5040.13	5036.47	5036.50
05/22/18			5036.47	5036.50
05/31/18	5036.99	5040.18	5036.44	5036.50
06/26/18	5036.81	5040.18	5036.49	5036.50
7/19/2018	5036.92	5040.13	5036.48	5036.50
8/28/2018	5036.85	5040.18	5036.43	5036.50
9/25/2018	5036.92	5040.18	5036.45	5036.50