Central Valley Dairy Representative Monitoring Program

2014 Lagoon Perimeter Subsurface Hydrogeologic Investigation

Workplan

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Central Valley Dairy Representative Monitoring Program

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- Hydrographs
- Groundwater level elevation contour maps

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Introduction

This Workplan has been prepared for the Central Valley Dairy Representative Monitoring Program (CVDRMP), the administrative body managing the Representative Monitoring Program (RMP). The RMP undergoes continuous assessment as part of the data analysis and interpretation process and annually as part of the external review provided by the Groundwater Technical Advisory Committee and the Multidisciplinary Advisory Committee to identify critical data gaps (LSCE, 2012). CVDRMP proposes to conduct lagoon perimeter subsurface hydrologic field investigations focused on lagoons at twelve dairies in the Central Area in 2014 (**Table 1** and **Figure 1**). The investigations focus on lagoons at twelve Phase 1 dairies[1] where, based on the data collected to date, lagoon seepage is either not evident or inconclusive based on groundwater testing alone (LSCE, 2014). The purpose of this data collection effort is to develop a more comprehensive data set that provides additional insight into the distribution of shallow groundwater quality near lagoons.

Table 1: Dairies for proposed 2014 subsurface hydrogeologic investigations

Dairy Farm	ID	County	Address
Anchor J. Dairy	ANC	Merced	24507 First Avenue Stevinson, CA 95374
Bettencourt and Marson Dairy	BET	Merced	18128 American Avenue Hilmar, CA 95324
Frank J. Gomes Dairy #1	FG1	Merced	5301 North DeAngelis Road Stevinson, CA 95374
Cottonwood Dairy	COT	Merced	10561 Highway 140 Atwater, CA 95301
Santa Rita Dairy	SAN	Merced	91 South Bert Crane Atwater, CA 95301
P. and L. Souza Dairy	PLS	Merced	20633 Crane Avenue Hilmar, CA 95324
Antone L. Gomes and Sons Dairy	ANT	Stanislaus	515 East Stuhr Road Newman, CA 95360
Correia Family Dairy Farms	COR	Merced	26380 West Fahey Road Gustine, CA 95322
Frank J. Gomes Dairy #2	FG2	Merced	890 Kniebes Road Gustine, CA 95322
Godinho Dairy	GOD	Merced	12710 South Wilson Road Los Banos, CA 93635
John Machado Dairy	MAC	Merced	22495 West China Camp Road Los Banos, CA 93635
Jose Nunes Dairy	NUN	Merced	22484 West China Camp Road Los Banos, CA 93635

[1] Phase 1 RMP dairies are those where groundwater data collection efforts commenced in January 2012.

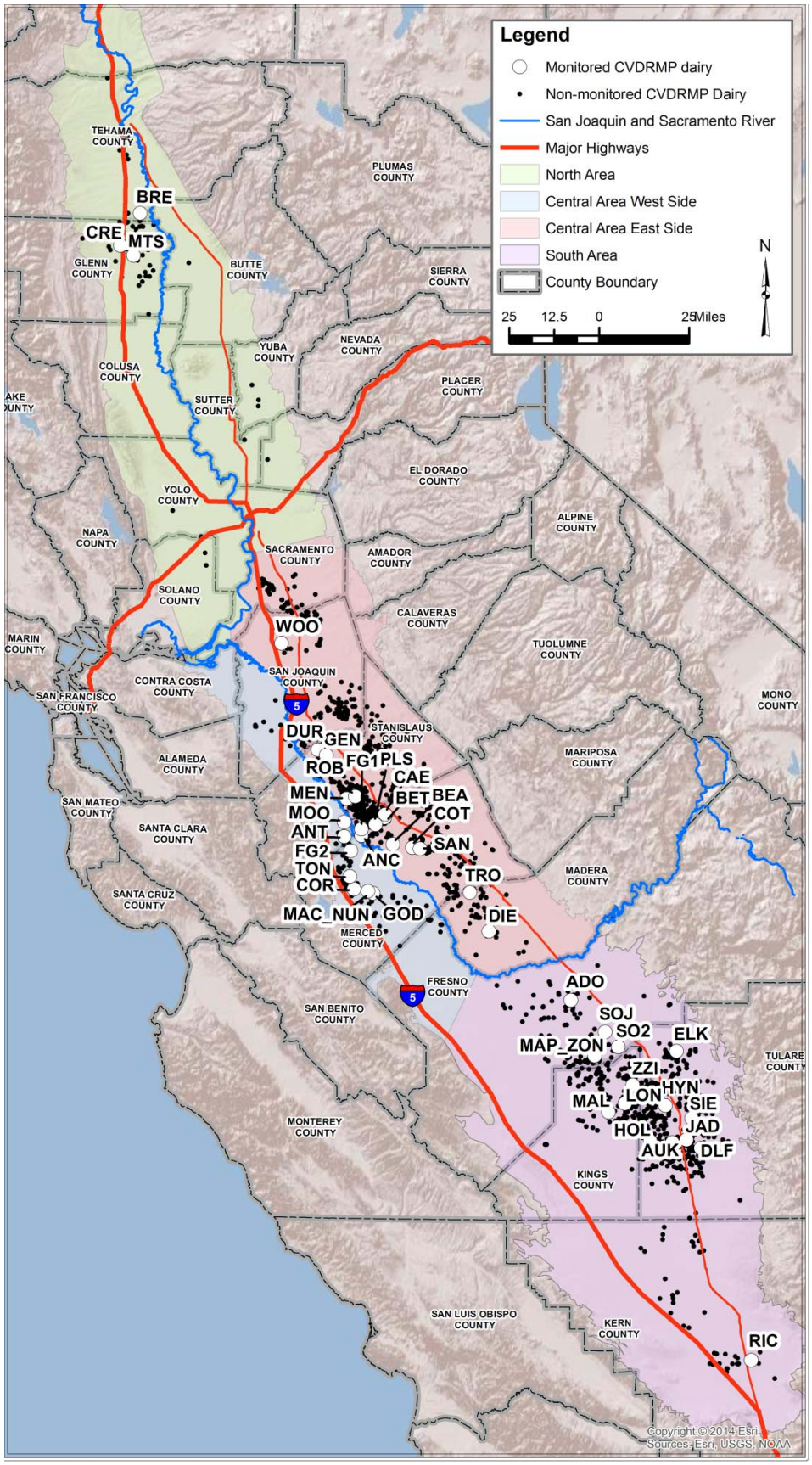


Figure 1: Location Map of Monitored CVDRMP Dairies.

Scope of Work

The field investigation consists of the advancement of multiple boreholes around the perimeter of lagoons, particularly on the lagoons' downgradient side, most likely using direct push methodology such as GeoProbe™ with accompanying soil and groundwater sampling. Boreholes will be advanced into first encountered groundwater; and approximate target depths (**Table 2**) are informed by the depth-to-water record from monitoring wells near the lagoons (**Attachment A**). Preferred areas for the placement of boreholes are shown on site maps (**Attachment B**).

Table 2: Preliminary target depth (TD) for soil borings in feet below ground surface[a]

Dairy	ANC	BET	FG1	COT	SAN	PLS	ANT	COR	FG2	GOD	MAC	NUN
TD	25	25	20	30	40	15	20	15	15	15	15	15

[a] Soil borings may need to be deeper if placed on top of the lagoon berm.

At each lagoon, the driller will advance as many soil borings as feasible in one day (including sample retrieval and borehole backfilling). A minimum of three soil borings and no more than seven soil borings will be advanced at any one of the lagoons. Boreholes will be backfilled with cement slurry and/or hydrated bentonite (chips or pellets) in accordance with local guidelines. Permits for the field activities will be obtained from the appropriate county offices, which are presently identified as:

Stanislaus County Department of Environmental Resources
3800 Cornucopia Way, Suite C
Modesto, CA 95358-9492
(209)-525-6700

Merced County Division of Environmental Health
260 E. 15th Street
Merced, CA 95341
(209)-381-1100

A qualified California licensed professional well drilling contractor (C-57 license) will be selected through a competitive screening process. The drilling contractor will be responsible for adherence to trade-specific health and safety measures during drilling and site cleanup. In addition, a safety meeting will be held in the field before commencing work; local emergency telephone numbers and directions to the nearest medical facilities will be distributed.

Drilling oversight will be provided by a licensed California professional geologist or professional civil engineer with experience in the water well construction business or under the direct supervision of such a professional.

Subsurface materials will be described and logged in the field by a California professional geologist or under his/her direct supervision. Continuous soil cores will be obtained unless adverse soil conditions (e.g., flowing sands, coarse gravel) do not allow such sampling. The description of the samples will follow the American Society for Testing and Materials (ASTM)

Unified Soil Classification System (USCS). Material samples will be archived for a minimum of one year from the date of retrieval.

Groundwater Sampling

Groundwater samples will be retrieved with the inertial pumping technique using HDPE tubing and foot valves. The sample assembly will be thoroughly double rinsed with tap water between samples. If sufficient groundwater volume can be retrieved from the boring, field measurements of specific conductance, pH, and temperature will be obtained. Chemical analyses will be provided by an ELAP certified California laboratory for the general mineral suite comparable to the RMPs annual sampling protocol (**Table 3**).

Groundwater quality samples will be collected in laboratory-supplied bottles with or without preservative (depending on analyses to be conducted and recommendation from the analyzing laboratory) according to laboratory instructions. Bottles will be labeled with laboratory-supplied labels, immediately placed on ice, and kept in a dark ice chest (at 4 °C) until received by the laboratory. Sample pick-up is coordinated between the field technicians and the laboratory's own courier service under observance of applicable holding times.

A chain-of-custody (COC) form will be used to record sample identification numbers, type of samples (matrix), date and time of collection, analytical tests requested, and blind duplicate samples. In addition, times, dates, and individuals who had possession of the samples will be documented to record sample custody. A field sheet will be used to document field activities and measurements. "Blind" duplicate samples will be collected from at least 5 percent (1 in 20) of the total number of samples.

Table 3: Laboratory analytical methods and reporting limits for groundwater samples[a]

Constituent	Analytical Method	Reporting Limit (mg/L)
Sodium	EPA 200.7	1.0
Potassium	EPA 200.7	1.0
Magnesium	EPA 200.7	1.0
Calcium	EPA 200.7	1.0
Chloride	EPA 300.0	0.5
Sulfate	EPA 300.0	1.0
Bicarbonate (as CaCO3)	SM2310B	5.0
Carbonate (as CaCO3)	SM2310B	5.0
Hydroxide (as CaCO3)	SM2310B	5.0
Phosphate (as PO4)	EPA 365.4	0.15
Total Dissolved Solids	SM2540C	10
Nitrate-N	EPA 300.0	0.5
Nitrite-N	EPA 353.2	0.4
Ammoniacal-N	EPA 350.1	0.1
Total Kjeldahl Nitrogen-N	EPA 351.2	0.2

[a] Alkalinity, TKN, and phosphate are analyzed from the unfiltered sample. Other constituents are analyzed from the filtered sample. Equivalent analytical methods may be used but the reporting limit shall not be greater than shown.

Schedule

CVDRMP is prepared to begin bid solicitation for the scoped field activities upon RWQCB approval of this Workplan and intends to complete field work in summer 2014. CVDRMP will report the results of this subsurface investigation to the Executive Officer within 90 days after completion of field work. The report will be prepared by, or under the direct supervision of, and certified by, a California registered civil engineer or a California registered geologist with experience in hydrogeology.

References

Luhdorff and Scalmanini, Consulting Engineers. **2012**. *Monitoring and Reporting Workplan and Monitoring Well Installation and Sampling Plan Phase 1: Initiation of Representative Groundwater Monitoring Network Design & Monitoring Program, Existing Milk Cow Dairies – Stanislaus and Merced Counties, California*. Public Review Draft. Prepared for Central Valley Dairy Representative Monitoring Program. June 16, 2011. Finalized without changes January 11, 2012.

Luhdorff & Scalmanini Consulting Engineers. **2014**. *Central Valley Dairy Representative Monitoring Program Year 2 Annual Report (2013).* April 1, 2014, bound in six parts.

Attachments

Attachment A

- Depth-to-Water Measurements and Groundwater Elevations[1]
- Hydrographs[1]
- Groundwater level elevation contour maps[1],[2]

[1] Excerpted from Luhdorff and Scalmanini, Consulting Engineers. **2014**. *Central Valley Dairy Representative Monitoring Program Year 2 Annual Report (2013).* April 1, 2014, bound in six parts.
[2] Excerpted from Luhdorff and Scalmanini, Consulting Engineers. **2013**. *Central Valley Dairy Representative Monitoring Program Year 1 Annual Report (2012).* April 1, 2013, bound in four parts

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
MEN-MW1s	1/29/2012	8:57	8.77	52.04	0.22	0.02
MEN-MW1s	2/7/2012	17:25	7.12	53.69	-0.05	-0.00
MEN-MW1s	3/5/2012	15:40	8.66	52.15	-0.01	-0.00
MEN-MW1s	4/5/2012	13:12	8.25	52.56	-0.01	-0.00
MEN-MW1s	5/8/2012	15:56	9.05	51.76	-0.06	-0.00
MEN-MW1s	6/18/2012	9:48	9.15	51.66	-0.06	-0.00
MEN-MW1s	7/9/2012	10:01	8.75	52.06	-0.06	-0.00
MEN-MW1s	8/14/2012	7:56	7.36	53.45	0.09	0.01
MEN-MW1s	9/17/2012	11:11	8.12	52.69	0.00	0.00
MEN-MW1s	10/19/2012	11:11	8.44	52.37	0.00	0.00
MEN-MW1s	12/6/2012	10:24	9.20	51.61	-0.02	-0.00
MEN-MW1s	12/28/2012	10:08	6.65	54.16	0.01	0.00
MEN-MW1s	1/15/2013	13:10	6.45	54.36	0.00	0.00
MEN-MW1s	2/16/2013	14:42	8.60	52.21	-0.01	-0.00
MEN-MW1s	3/18/2013	16:50	8.82	51.99	0.06	0.00
MEN-MW1s	4/16/2013	10:11	8.35	52.46	-0.02	-0.00
MEN-MW1s	5/28/2013	16:51	8.48	52.33	0.04	0.00
MEN-MW1s	6/17/2013	17:49	9.96	50.85	-0.02	-0.00
MEN-MW1s	7/15/2013	15:13	10.05	50.76	-0.02	-0.00
MEN-MW1s	8/22/2013	13:05	9.91	50.90	-0.04	-0.00
MEN-MW1s	9/9/2013	12:48	10.06	50.75	0.00	0.00
MEN-MW1s	10/7/2013	13:31	9.36	51.45	-0.04	-0.00
MEN-MW1s	11/12/2013	17:05	9.45	51.36	0.02	0.00
MEN-MW1s	12/17/2013	12:53	9.78	51.03	0.00	0.00
MEN-MW1d	1/29/2012	9:00	8.90	51.82		
MEN-MW1d	2/7/2012	17:26	6.98	53.74		
MEN-MW1d	3/5/2012	15:41	8.56	52.16		
MEN-MW1d	4/5/2012	13:12	8.15	52.57		
MEN-MW1d	5/8/2012	15:58	8.90	51.82		
MEN-MW1d	6/18/2012	9:47	9.00	51.72		
MEN-MW1d	7/9/2012	10:00	8.60	52.12		
MEN-MW1d	8/14/2012	7:57	7.36	53.36		
MEN-MW1d	9/17/2012	11:10	8.03	52.69		
MEN-MW1d	10/19/2012	11:11	8.35	52.37		
MEN-MW1d	12/6/2012	10:24	9.09	51.63		
MEN-MW1d	12/28/2012	10:09	6.57	54.15		
MEN-MW1d	1/15/2013	13:11	6.36	54.36		
MEN-MW1d	2/16/2013	14:42	8.50	52.22		
MEN-MW1d	3/18/2013	16:51	8.79	51.93		
MEN-MW1d	4/16/2013	10:11	8.24	52.48		
MEN-MW1d	5/28/2013	16:51	8.43	52.29		
MEN-MW1d	6/17/2013	17:49	9.85	50.87		
MEN-MW1d	7/15/2013	15:13	9.94	50.78		
MEN-MW1d	8/22/2013	13:05	9.78	50.94		
MEN-MW1d	9/9/2013	12:48	9.97	50.75		
MEN-MW1d	10/7/2013	13:31	9.23	51.49		
MEN-MW1d	11/12/2013	17:05	9.38	51.34		
MEN-MW1d	12/17/2013	12:53	9.69	51.03		
MEN-MW2s	1/29/2012	9:07	8.89	51.98	-0.06	-0.00
MEN-MW2s	2/7/2012	17:11	7.04	53.83	-0.08	-0.01
MEN-MW2s	3/5/2012	15:43	8.55	52.32	0.04	0.00
MEN-MW2s	4/5/2012	13:18	8.21	52.66	0.01	0.00
MEN-MW2s	5/8/2012	15:03	8.54	52.33	-0.12	-0.01
MEN-MW2s	6/18/2012	9:51	9.13	51.74	-0.04	-0.00
MEN-MW2s	7/9/2012	10:04	8.72	52.15	-0.08	-0.01
MEN-MW2s	8/14/2012	7:59	7.25	53.62	0.11	0.01
MEN-MW2s	9/17/2012	11:13	8.12	52.75	0.03	0.00
MEN-MW2s	10/19/2012	11:08	8.32	52.55	-0.03	-0.00
MEN-MW2s	12/6/2012	10:20	9.15	51.72	-0.06	-0.00
MEN-MW2s	12/28/2012	10:12	6.75	54.12	-0.02	-0.00
MEN-MW2s	1/15/2013	13:13	6.41	54.46	0.04	0.00
MEN-MW2s	2/16/2013	14:44	8.42	52.45	0.04	0.00
MEN-MW2s	3/18/2013	16:54	8.75	52.12	0.19	0.01
MEN-MW2s	4/16/2013	10:13	8.14	52.73	0.09	0.01
MEN-MW2s	5/28/2013	16:53	8.48	52.39	0.02	0.00
MEN-MW2s	6/17/2013	17:52	9.97	50.90	-0.05	-0.00
MEN-MW2s	7/15/2013	15:15	9.79	51.08	-0.02	-0.00
MEN-MW2s	8/22/2013	13:08	9.68	51.19	-0.07	-0.01
MEN-MW2s	9/9/2013	12:52	10.23	50.64	-0.03	-0.00
MEN-MW2s	10/7/2013	13:27	9.18	51.69	-0.34	-0.03
MEN-MW2s	11/12/2013	17:08	9.45	51.42	0.00	0.00
MEN-MW2s	12/17/2013	12:50	9.83	51.04	-0.02	-0.00
MEN-MW2d	1/29/2012	9:10	8.77	52.04		
MEN-MW2d	2/7/2012	17:12	6.90	53.91		
MEN-MW2d	3/5/2012	15:44	8.53	52.28		
MEN-MW2d	4/5/2012	13:19	8.16	52.65		
MEN-MW2d	5/8/2012	15:03	8.36	52.45		
MEN-MW2d	6/18/2012	9:50	9.03	51.78		
MEN-MW2d	7/9/2012	10:03	8.58	52.23		
MEN-MW2d	8/14/2012	8:00	7.30	53.51		
MEN-MW2d	9/17/2012	11:13	8.09	52.72		
MEN-MW2d	10/19/2012	11:08	8.23	52.58		
MEN-MW2d	12/6/2012	10:20	9.03	51.78		
MEN-MW2d	12/28/2012	10:13	6.67	54.14		
MEN-MW2d	1/15/2013	13:14	6.39	54.42		
MEN-MW2d	2/16/2013	14:44	8.40	52.41		
MEN-MW2d	3/18/2013	16:55	8.88	51.93		
MEN-MW2d	4/16/2013	10:13	8.17	52.64		
MEN-MW2d	5/28/2013	16:53	8.44	52.37		
MEN-MW2d	6/17/2013	17:52	9.86	50.95		
MEN-MW2d	7/15/2013	15:15	9.71	51.10		
MEN-MW2d	8/22/2013	13:08	9.55	51.26		
MEN-MW2d	9/9/2013	12:52	10.14	50.67		
MEN-MW2d	10/7/2013	13:27	8.78	52.03		
MEN-MW2d	11/12/2013	17:08	9.39	51.42		
MEN-MW2d	12/17/2013	12:50	9.75	51.06		
MEN-MW3s	1/29/2012	9:14	8.70	52.07	-0.08	-0.01
MEN-MW3s	2/7/2012	16:05	6.85	53.92	-0.10	-0.01
MEN-MW3s	3/5/2012	15:47	8.19	52.58	-0.04	-0.00
MEN-MW3s	4/5/2012	13:58	7.90	52.87	-0.03	-0.00
MEN-MW3s	5/8/2012	17:30	8.24	52.53	-0.56	-0.04
MEN-MW3s	6/18/2012	9:55	9.16	51.61	-0.03	-0.00
MEN-MW3s	7/9/2012	10:07	8.20	52.57	-0.06	-0.00
MEN-MW3s	8/14/2012	8:26	8.48	52.29	-0.13	-0.01
MEN-MW3s	9/17/2012	11:16	8.96	51.81	-0.08	-0.01
MEN-MW3s	10/19/2012	10:40	8.41	52.36	-0.12	-0.01
MEN-MW3s	12/6/2012	10:16	9.23	51.54	-0.09	-0.01
MEN-MW3s	12/28/2012	10:24	7.78	52.99	-0.15	-0.01
MEN-MW3s	1/15/2013	14:33	7.10	53.67	-0.11	-0.01
MEN-MW3s	2/16/2013	15:04	8.90	51.87	-0.15	-0.01
MEN-MW3s	3/18/2013	17:04	10.16	50.61	-0.07	-0.01
MEN-MW3s	4/16/2013	10:34	8.08	52.69	-0.05	-0.00
MEN-MW3s	5/28/2013	17:12	9.29	51.48	-0.11	-0.01
MEN-MW3s	6/17/2013	18:09	10.50	50.27	-0.13	-0.01

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
MEN-MW3s	7/15/2013	15:36	10.48	50.29	-0.24	-0.02
MEN-MW3s	8/22/2013	13:30	10.85	49.92	-0.25	-0.02
MEN-MW3s	9/9/2013	13:13	11.18	49.59	-0.14	-0.01
MEN-MW3s	10/7/2013	13:08	9.16	51.61	-0.72	-0.06
MEN-MW3s	11/12/2013	16:48	9.54	51.23	-0.06	-0.00
MEN-MW3s	12/17/2013	12:34	9.77	51.00	-0.04	-0.00
MEN-MW3d	1/29/2012	9:15	8.52	52.15		
MEN-MW3d	2/7/2012	16:06	6.65	54.02		
MEN-MW3d	3/5/2012	15:48	8.05	52.62		
MEN-MW3d	4/5/2012	13:59	7.77	52.90		
MEN-MW3d	5/8/2012	17:33	7.58	53.09		
MEN-MW3d	6/18/2012	9:54	9.03	51.64		
MEN-MW3d	7/9/2012	10:06	8.04	52.63		
MEN-MW3d	8/14/2012	8:27	8.25	52.42		
MEN-MW3d	9/17/2012	11:16	8.78	51.89		
MEN-MW3d	10/19/2012	10:40	8.19	52.48		
MEN-MW3d	12/6/2012	10:16	9.04	51.63		
MEN-MW3d	12/28/2012	10:25	7.53	53.14		
MEN-MW3d	1/15/2013	14:34	6.89	53.78		
MEN-MW3d	2/16/2013	15:04	8.65	52.02		
MEN-MW3d	3/18/2013	17:05	9.99	50.68		
MEN-MW3d	4/16/2013	10:34	7.93	52.74		
MEN-MW3d	5/28/2013	17:12	9.08	51.59		
MEN-MW3d	6/17/2013	18:09	10.27	50.40		
MEN-MW3d	7/15/2013	15:36	10.14	50.53		
MEN-MW3d	8/22/2013	13:30	10.50	50.17		
MEN-MW3d	9/9/2013	13:13	10.94	49.73		
MEN-MW3d	10/7/2013	13:08	8.34	52.33		
MEN-MW3d	11/12/2013	16:48	9.38	51.29		
MEN-MW3d	12/17/2013	12:34	9.63	51.04		
MEN-MW4s	1/29/2012	9:20	8.02	52.42	-0.07	-0.01
MEN-MW4s	2/7/2012	15:47	6.32	54.12	-0.01	-0.00
MEN-MW4s	3/5/2012	15:50	7.80	52.64	-0.02	-0.00
MEN-MW4s	4/5/2012	13:53	7.44	53.00	-0.02	-0.00
MEN-MW4s	5/8/2012	17:49	7.63	52.81	-0.07	-0.01
MEN-MW4s	6/18/2012	9:58	8.73	51.71	-0.02	-0.00
MEN-MW4s	7/9/2012	10:11	7.71	52.73	0.00	0.00
MEN-MW4s	8/14/2012	8:23	7.67	52.77	0.01	0.00
MEN-MW4s	9/17/2012	11:18	8.50	51.94	0.01	0.00
MEN-MW4s	10/19/2012	10:43	7.81	52.63	-0.06	-0.00
MEN-MW4s	12/6/2012	10:12	8.87	51.57	-0.01	-0.00
MEN-MW4s	12/28/2012	10:28	7.46	52.98	0.00	0.00
MEN-MW4s	1/15/2013	14:29	6.64	53.80	-0.01	-0.00
MEN-MW4s	2/16/2013	15:02	8.40	52.04	0.00	0.00
MEN-MW4s	3/18/2013	17:08	9.68	50.76	0.02	0.00
MEN-MW4s	4/16/2013	10:32	7.54	52.90	-0.02	-0.00
MEN-MW4s	5/28/2013	17:10	8.80	51.64	0.00	0.00
MEN-MW4s	6/17/2013	18:11	10.01	50.43	-0.06	-0.00
MEN-MW4s	7/15/2013	15:33	9.81	50.63	-0.01	-0.00
MEN-MW4s	8/22/2013	13:33	10.29	50.15	-0.06	-0.00
MEN-MW4s	9/9/2013	13:11	10.65	49.79	-0.01	-0.00
MEN-MW4s	10/7/2013	13:10	8.61	51.83	-0.02	-0.00
MEN-MW4s	11/12/2013	16:45	9.04	51.40	0.03	0.00
MEN-MW4s	12/17/2013	12:31	9.40	51.04	-0.01	-0.00
MEN-MW4d	1/29/2012	9:21	7.84	52.49		
MEN-MW4d	2/7/2012	15:48	6.20	54.13		
MEN-MW4d	3/5/2012	15:52	7.67	52.66		
MEN-MW4d	4/5/2012	13:54	7.31	53.02		
MEN-MW4d	5/8/2012	17:50	7.45	52.88		
MEN-MW4d	6/18/2012	9:57	8.60	51.73		
MEN-MW4d	7/9/2012	10:11	7.60	52.73		
MEN-MW4d	8/14/2012	8:24	7.57	52.76		
MEN-MW4d	9/17/2012	11:18	8.40	51.93		
MEN-MW4d	10/19/2012	10:43	7.64	52.69		
MEN-MW4d	12/6/2012	10:12	8.75	51.58		
MEN-MW4d	12/28/2012	10:29	7.35	52.98		
MEN-MW4d	1/15/2013	14:30	6.52	53.81		
MEN-MW4d	2/16/2013	15:02	8.29	52.04		
MEN-MW4d	3/18/2013	17:09	9.59	50.74		
MEN-MW4d	4/16/2013	10:32	7.41	52.92		
MEN-MW4d	5/28/2013	17:10	8.69	51.64		
MEN-MW4d	6/17/2013	18:11	9.84	50.49		
MEN-MW4d	7/15/2013	15:33	9.69	50.64		
MEN-MW4d	8/22/2013	13:33	10.12	50.21		
MEN-MW4d	9/9/2013	13:11	10.53	49.80		
MEN-MW4d	10/7/2013	13:10	8.48	51.85		
MEN-MW4d	11/12/2013	16:45	8.96	51.37		
MEN-MW4d	12/17/2013	12:31	9.28	51.05		
MEN-MW5s	1/29/2012	9:24	8.19	52.91	-0.02	-0.00
MEN-MW5s	2/7/2012	15:26	7.72	53.38	0.02	0.00
MEN-MW5s	3/5/2012	15:55	8.61	52.49	0.00	0.00
MEN-MW5s	4/5/2012	14:02	8.47	52.63	-0.02	-0.00
MEN-MW5s	5/8/2012	17:05	9.79	51.31	0.00	0.00
MEN-MW5s	6/18/2012	10:01	9.75	51.35	0.00	0.00
MEN-MW5s	7/9/2012	10:16	8.81	52.29	-0.01	-0.00
MEN-MW5s	8/14/2012	8:18	9.10	52.00	0.00	0.00
MEN-MW5s	9/17/2012	11:20	9.88	51.22	0.00	0.00
MEN-MW5s	10/19/2012	10:47	9.65	51.45	0.01	0.00
MEN-MW5s	12/6/2012	10:09	10.10	51.00	0.00	0.00
MEN-MW5s	12/28/2012	10:19	9.12	51.98	0.00	0.00
MEN-MW5s	1/15/2013	14:28	8.28	52.82	0.01	0.00
MEN-MW5s	2/16/2013	15:10	10.02	51.08	0.01	0.00
MEN-MW5s	3/18/2013	17:13	11.36	49.74	0.03	0.00
MEN-MW5s	4/16/2013	10:28	8.93	52.17	-0.03	-0.00
MEN-MW5s	5/28/2013	17:07	10.29	50.81	-0.01	-0.00
MEN-MW5s	6/17/2013	18:15	11.56	49.54	0.04	0.00
MEN-MW5s	7/15/2013	15:41	12.44	48.66	-0.01	-0.00
MEN-MW5s	8/22/2013	13:39	13.20	47.90	0.05	0.00
MEN-MW5s	9/9/2013	13:17	12.72	48.38	0.00	0.00
MEN-MW5s	10/7/2013	13:04	12.04	49.06	0.00	0.00
MEN-MW5s	11/12/2013	16:35	10.35	50.75	-0.01	-0.00
MEN-MW5s	12/17/2013	12:28	10.13	50.97	-0.03	-0.00
MEN-MW5d	1/29/2012	9:25	8.07	52.93		
MEN-MW5d	2/7/2012	15:27	7.64	53.36		
MEN-MW5d	3/5/2012	15:56	8.51	52.49		
MEN-MW5d	4/5/2012	14:03	8.35	52.65		
MEN-MW5d	5/8/2012	17:06	9.69	51.31		
MEN-MW5d	6/18/2012	10:00	9.65	51.35		
MEN-MW5d	7/9/2012	10:15	8.70	52.30		
MEN-MW5d	8/14/2012	8:19	9.00	52.00		
MEN-MW5d	9/17/2012	11:20	9.78	51.22		
MEN-MW5d	10/19/2012	10:47	9.56	51.44		
MEN-MW5d	12/6/2012	10:09	10.00	51.00		
MEN-MW5d	12/28/2012	10:20	9.02	51.98		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
MEN-MW5d	1/15/2013	14:29	8.19	52.81		
MEN-MW5d	2/16/2013	15:10	9.93	51.07		
MEN-MW5d	3/18/2013	17:15	11.29	49.71		
MEN-MW5d	4/16/2013	10:28	8.80	52.20		
MEN-MW5d	5/28/2013	17:07	10.18	50.82		
MEN-MW5d	6/17/2013	18:15	11.50	49.50		
MEN-MW5d	7/15/2013	15:41	12.33	48.67		
MEN-MW5d	8/22/2013	13:39	13.15	47.85		
MEN-MW5d	9/9/2013	13:17	12.62	48.38		
MEN-MW5d	10/7/2013	13:04	11.94	49.06		
MEN-MW5d	11/12/2013	16:35	10.24	50.76		
MEN-MW5d	12/17/2013	12:28	10.00	51.00		
MEN-MW6s	1/29/2012	9:27	8.70	50.32	0.00	0.00
MEN-MW6s	2/7/2012	16:50	5.79	53.23	-0.02	-0.00
MEN-MW6s	3/5/2012	15:58	8.45	50.57	0.01	0.00
MEN-MW6s	4/5/2012	13:28	7.77	51.25	0.01	0.00
MEN-MW6s	5/8/2012	16:15	7.36	51.66	0.01	0.00
MEN-MW6s	6/18/2012	10:08	5.44	53.58	-0.06	-0.00
MEN-MW6s	7/9/2012	10:29	4.83	54.19	0.01	0.00
MEN-MW6s	8/14/2012	8:05	6.45	52.57	-0.05	-0.00
MEN-MW6s	9/17/2012	11:27	7.19	51.83	-0.02	-0.00
MEN-MW6s	10/19/2012	11:03	6.91	52.11	0.00	0.00
MEN-MW6s	12/6/2012	9:58	8.70	50.32	0.01	0.00
MEN-MW6s	12/28/2012	10:33	6.24	52.78	0.02	0.00
MEN-MW6s	1/15/2013	14:18	6.11	52.91	-0.01	-0.00
MEN-MW6s	2/16/2013	14:52	8.16	50.86	0.00	0.00
MEN-MW6s	3/18/2013	17:31	8.12	50.90	-0.01	-0.00
MEN-MW6s	4/16/2013	10:18	7.59	51.43	-0.01	-0.00
MEN-MW6s	5/28/2013	16:57	7.81	51.21	-0.01	-0.00
MEN-MW6s	6/17/2013	17:57	9.00	50.02	-0.01	-0.00
MEN-MW6s	7/15/2013	15:21	8.00	51.02	0.00	0.00
MEN-MW6s	8/22/2013	13:16	7.02	52.00	-0.01	-0.00
MEN-MW6s	9/9/2013	12:58	7.84	51.18	0.01	0.00
MEN-MW6s	10/7/2013	13:20	6.12	52.90	-0.04	-0.00
MEN-MW6s	11/12/2013	16:59	8.67	50.35	0.00	0.00
MEN-MW6s	12/17/2013	12:45	9.52	49.50	-0.02	-0.00
MEN-MW6d	1/29/2012	9:28	8.63	50.32		
MEN-MW6d	2/7/2012	16:51	5.70	53.25		
MEN-MW6d	3/5/2012	16:00	8.39	50.56		
MEN-MW6d	4/5/2012	13:29	7.71	51.24		
MEN-MW6d	5/8/2012	16:16	7.30	51.65		
MEN-MW6d	6/18/2012	10:07	5.31	53.64		
MEN-MW6d	7/9/2012	10:28	4.77	54.18		
MEN-MW6d	8/14/2012	8:06	6.33	52.62		
MEN-MW6d	9/17/2012	11:27	7.10	51.85		
MEN-MW6d	10/19/2012	11:03	6.84	52.11		
MEN-MW6d	12/6/2012	9:58	8.64	50.31		
MEN-MW6d	12/28/2012	10:34	6.19	52.76		
MEN-MW6d	1/15/2013	14:19	6.03	52.92		
MEN-MW6d	2/16/2013	14:52	8.09	50.86		
MEN-MW6d	3/18/2013	17:32	8.04	50.91		
MEN-MW6d	4/16/2013	10:18	7.51	51.44		
MEN-MW6d	5/28/2013	16:57	7.73	51.22		
MEN-MW6d	6/17/2013	17:57	8.92	50.03		
MEN-MW6d	7/15/2013	15:21	7.93	51.02		
MEN-MW6d	8/22/2013	13:16	6.94	52.01		
MEN-MW6d	9/9/2013	12:58	7.78	51.17		
MEN-MW6d	10/7/2013	13:20	6.01	52.94		
MEN-MW6d	11/12/2013	16:59	8.60	50.35		
MEN-MW6d	12/17/2013	12:45	9.43	49.52		
MEN-MW7s	1/29/2012	9:30	4.34	55.14	0.09	0.00
MEN-MW7s	2/7/2012	16:25	4.26	55.22	-0.01	-0.00
MEN-MW7s	3/5/2012	16:03	6.38	53.10	-0.01	-0.00
MEN-MW7s	4/5/2012	13:44	5.86	53.62	-0.01	-0.00
MEN-MW7s	5/8/2012	16:43	3.09	56.39	-0.02	-0.00
MEN-MW7s	6/18/2012	10:04	6.97	52.51	-0.02	-0.00
MEN-MW7s	7/9/2012	10:23	6.02	53.46	-0.03	-0.00
MEN-MW7s	8/14/2012	8:14	3.81	55.67	-0.01	-0.00
MEN-MW7s	9/17/2012	11:23	6.12	53.36	-0.04	-0.00
MEN-MW7s	10/19/2012	10:51	5.52	53.96	-0.02	-0.00
MEN-MW7s	12/6/2012	10:01	6.96	52.52	-0.03	-0.00
MEN-MW7s	12/28/2012	10:16	5.17	54.31	-0.03	-0.00
MEN-MW7s	1/15/2013	14:24	4.91	54.57	-0.03	-0.00
MEN-MW7s	2/16/2013	14:57	5.50	53.98	0.01	0.00
MEN-MW7s	3/18/2013	17:20	6.38	53.10	1.24	0.07
MEN-MW7s	4/16/2013	10:24	5.84	53.64	-0.05	-0.00
MEN-MW7s	5/28/2013	17:04	6.44	53.04	0.00	0.00
MEN-MW7s	6/17/2013	18:04	7.64	51.84	0.09	0.00
MEN-MW7s	7/15/2013	15:28	6.30	53.18	-0.02	-0.00
MEN-MW7s	8/22/2013	13:26	5.34	54.14	-0.03	-0.00
MEN-MW7s	9/9/2013	13:07	7.31	52.17	-0.02	-0.00
MEN-MW7s	10/7/2013	13:14	5.43	54.05	0.08	0.00
MEN-MW7s	11/12/2013	16:52	7.02	52.46	0.00	0.00
MEN-MW7s	12/17/2013	12:38	7.90	51.58	0.01	0.00
MEN-MW7d	1/29/2012	9:32	4.32	55.05		
MEN-MW7d	2/7/2012	16:26	4.14	55.23		
MEN-MW7d	3/5/2012	16:05	6.26	53.11		
MEN-MW7d	4/5/2012	13:45	5.74	53.63		
MEN-MW7d	5/8/2012	16:45	2.96	56.41		
MEN-MW7d	6/18/2012	10:03	6.84	52.53		
MEN-MW7d	7/9/2012	10:22	5.88	53.49		
MEN-MW7d	8/14/2012	8:15	3.69	55.68		
MEN-MW7d	9/17/2012	11:23	5.97	53.40		
MEN-MW7d	10/19/2012	10:51	5.39	53.98		
MEN-MW7d	12/6/2012	10:01	6.82	52.55		
MEN-MW7d	12/28/2012	10:17	5.03	54.34		
MEN-MW7d	1/15/2013	14:25	4.77	54.60		
MEN-MW7d	2/16/2013	14:57	5.40	53.97		
MEN-MW7d	3/18/2013	17:21	7.51	51.86		
MEN-MW7d	4/16/2013	10:24	5.68	53.69		
MEN-MW7d	5/28/2013	17:04	6.33	53.04		
MEN-MW7d	6/17/2013	18:04	7.62	51.75		
MEN-MW7d	7/15/2013	15:28	6.17	53.20		
MEN-MW7d	8/22/2013	13:26	5.20	54.17		
MEN-MW7d	9/9/2013	13:07	7.18	52.19		
MEN-MW7d	10/7/2013	13:14	5.40	53.97		
MEN-MW7d	11/12/2013	16:52	6.91	52.46		
MEN-MW7d	12/17/2013	12:38	7.80	51.57		
ANC-MW1	1/30/2012	14:13	12.58	60.24		
ANC-MW1	2/12/2012	16:41	12.25	60.57		
ANC-MW1	3/5/2012	9:25	13.19	59.63		
ANC-MW1	4/5/2012	16:23	13.05	59.77		
ANC-MW1	5/11/2012	14:48	13.43	59.39		
ANC-MW1	6/18/2012	11:41	12.85	59.97		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
ANC-MW1	7/9/2012	13:49	11.66	61.16		
ANC-MW1	8/16/2012	10:01	12.98	59.84		
ANC-MW1	9/17/2012	12:56	13.03	59.79		
ANC-MW1	10/19/2012	13:55	13.05	59.77		
ANC-MW1	12/6/2012	12:30	13.37	59.45		
ANC-MW1	12/28/2012	12:56	13.15	59.67		
ANC-MW1	1/15/2013	15:52	12.90	59.92		
ANC-MW1	2/17/2013	13:06	13.34	59.48		
ANC-MW1	3/21/2013	9:20	13.49	59.33		
ANC-MW1	4/16/2013	12:45	13.83	58.99		
ANC-MW1	5/30/2013	15:08	13.70	59.12		
ANC-MW1	6/17/2013	13:46	13.92	58.90		
ANC-MW1	7/16/2013	13:45	14.02	58.80		
ANC-MW1	8/27/2013	15:13	14.00	58.82		
ANC-MW1	9/9/2013	15:00	13.82	59.00		
ANC-MW1	10/7/2013	15:27	13.90	58.92		
ANC-MW1	11/14/2013	13:13	13.90	58.92		
ANC-MW1	12/17/2013	14:35	13.92	58.90		
ANC-MW2	1/30/2012	14:16	19.85	60.45		
ANC-MW2	2/12/2012	17:03	20.26	60.04		
ANC-MW2	3/5/2012	9:28	20.80	59.50		
ANC-MW2	4/5/2012	16:18	20.34	59.96		
ANC-MW2	5/11/2012	14:20	20.68	59.62		
ANC-MW2	6/18/2012	11:44	20.00	60.30		
ANC-MW2	7/9/2012	13:46	Q/M			
ANC-MW2	8/16/2012	9:58	20.38	59.92		
ANC-MW2	9/17/2012	12:54	20.23	60.07		
ANC-MW2	10/19/2012	13:52	20.00	60.30		
ANC-MW2	12/6/2012	12:32	20.61	59.69		
ANC-MW2	12/28/2012	13:00	20.16	60.14		
ANC-MW2	1/15/2013	15:49	20.08	60.22		
ANC-MW2	2/17/2013	13:01	20.60	59.70		
ANC-MW2	3/21/2013	9:16	20.83	59.47		
ANC-MW2	4/16/2013	12:51	20.93	59.37		
ANC-MW2	5/30/2013	15:20	20.36	59.94		
ANC-MW2	6/17/2013	13:49	20.98	59.32		
ANC-MW2	7/16/2013	13:48	20.90	59.40		
ANC-MW2	8/27/2013	15:20	21.14	59.16		
ANC-MW2	9/9/2013	14:57	20.96	59.34		
ANC-MW2	10/7/2013	15:32	21.15	59.15		
ANC-MW2	11/14/2013	13:08	21.20	59.10		
ANC-MW2	12/17/2013	14:39	21.12	59.18		
ANC-MW3	1/30/2012	14:20	10.00	60.75		
ANC-MW3	2/12/2012	17:19	10.23	60.52		
ANC-MW3	3/5/2012	9:31	10.73	60.02		
ANC-MW3	4/5/2012	16:38	10.74	60.01		
ANC-MW3	5/11/2012	14:08	10.93	59.82		
ANC-MW3	6/18/2012	11:47	10.21	60.54		
ANC-MW3	7/9/2012	13:44	10.40	60.35		
ANC-MW3	8/16/2012	9:55	10.43	60.32		
ANC-MW3	9/17/2012	12:51	10.30	60.45		
ANC-MW3	10/19/2012	13:50	10.22	60.53		
ANC-MW3	12/6/2012	12:38	10.87	59.88		
ANC-MW3	12/28/2012	12:48	10.58	60.17		
ANC-MW3	1/15/2013	15:57	10.42	60.33		
ANC-MW3	2/17/2013	12:53	10.86	59.89		
ANC-MW3	3/21/2013	9:11	11.08	59.67		
ANC-MW3	4/16/2013	13:00	11.31	59.44		
ANC-MW3	5/30/2013	15:24	11.07	59.68		
ANC-MW3	6/17/2013	13:53	11.25	59.50		
ANC-MW3	7/16/2013	13:54	11.41	59.34		
ANC-MW3	8/27/2013	15:27	11.37	59.38		
ANC-MW3	9/9/2013	14:53	11.23	59.52		
ANC-MW3	10/7/2013	15:38	11.28	59.47		
ANC-MW3	11/14/2013	13:22	11.40	59.35		
ANC-MW3	12/17/2013	14:43	11.38	59.37		
ANC-MW4	1/30/2012	14:09	20.70	60.57		
ANC-MW4	2/12/2012	17:40	20.90	60.37		
ANC-MW4	3/5/2012	9:21	21.23	60.04		
ANC-MW4	4/5/2012	16:31	21.12	60.15		
ANC-MW4	5/11/2012	15:06	21.00	60.27		
ANC-MW4	6/18/2012	11:39	20.82	60.45		
ANC-MW4	7/9/2012	13:52	20.58	60.69		
ANC-MW4	8/16/2012	10:05	20.48	60.79		
ANC-MW4	9/17/2012	12:59	20.84	60.43		
ANC-MW4	10/19/2012	13:57	21.10	60.17		
ANC-MW4	12/6/2012	12:35	21.58	59.69		
ANC-MW4	12/28/2012	12:52	21.45	59.82		
ANC-MW4	1/15/2013	15:54	21.23	60.04		
ANC-MW4	2/17/2013	13:12	21.55	59.72		
ANC-MW4	3/21/2013	9:08	21.67	59.60		
ANC-MW4	4/16/2013	12:40	22.04	59.23		
ANC-MW4	5/30/2013	15:03	21.66	59.61		
ANC-MW4	6/17/2013	13:41	22.03	59.24		
ANC-MW4	7/16/2013	13:41	21.78	59.49		
ANC-MW4	8/27/2013	15:09	21.87	59.40		
ANC-MW4	9/9/2013	15:03	21.63	59.64		
ANC-MW4	10/7/2013	15:23	21.85	59.42		
ANC-MW4	11/14/2013	13:19	21.99	59.28		
ANC-MW4	12/17/2013	14:32	22.19	59.08		
ANC-MW5s	1/30/2012	14:00	15.39	61.52	0.45	0.02
ANC-MW5s	2/12/2012	16:13	15.50	61.41	0.09	0.00
ANC-MW5s	3/5/2012	9:19	15.98	60.93	0.04	0.00
ANC-MW5s	4/5/2012	16:41	16.21	60.70	0.04	0.00
ANC-MW5s	5/11/2012	15:47	17.65	59.26	-0.21	-0.01
ANC-MW5s	6/18/2012	11:51	15.70	61.21	0.22	0.01
ANC-MW5s	7/9/2012	13:55	15.82	61.09	0.35	0.02
ANC-MW5s	8/16/2012	10:07	16.30	60.61	0.53	0.03
ANC-MW5s	9/17/2012	13:03	15.53	61.38	-0.07	-0.00
ANC-MW5s	10/19/2012	14:00	15.45	61.46	0.31	0.02
ANC-MW5s	12/6/2012	12:46	16.18	60.73	0.45	0.02
ANC-MW5s	12/28/2012	13:03	16.16	60.75	0.12	0.01
ANC-MW5s	1/15/2013	15:59	16.10	60.81	0.07	0.00
ANC-MW5s	2/17/2013	12:45	16.48	60.43	0.00	0.00
ANC-MW5s	3/21/2013	9:04	16.70	60.21	0.02	0.00
ANC-MW5s	4/16/2013	12:35	16.94	59.97	0.11	0.01
ANC-MW5s	5/30/2013	14:57	16.60	60.31	0.23	0.01
ANC-MW5s	6/17/2013	13:36	16.51	60.40	0.20	0.01
ANC-MW5s	7/16/2013	13:36	17.65	59.26	0.49	0.03
ANC-MW5s	8/27/2013	15:04	16.90	60.01	0.21	0.01
ANC-MW5s	9/9/2013	15:06	16.74	60.17	0.29	0.02
ANC-MW5s	10/7/2013	15:17	16.96	59.95	0.53	0.03
ANC-MW5s	11/14/2013	13:29	16.70	60.21	0.16	0.01
ANC-MW5s	12/17/2013	14:29	16.90	60.01	0.08	0.00

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
ANC-MW5d	1/30/2012	14:03	15.75	61.07		
ANC-MW5d	2/12/2012	16:14	15.50	61.32		
ANC-MW5d	3/5/2012	9:18	15.93	60.89		
ANC-MW5d	4/5/2012	16:41	16.16	60.66		
ANC-MW5d	5/11/2012	15:48	17.35	59.47		
ANC-MW5d	6/18/2012	11:50	15.83	60.99		
ANC-MW5d	7/9/2012	13:55	16.08	60.74		
ANC-MW5d	8/16/2012	10:07	16.74	60.08		
ANC-MW5d	9/17/2012	13:02	15.37	61.45		
ANC-MW5d	10/19/2012	14:00	15.67	61.15		
ANC-MW5d	12/6/2012	12:46	16.54	60.28		
ANC-MW5d	12/28/2012	13:04	16.19	60.63		
ANC-MW5d	1/15/2013	16:00	16.08	60.74		
ANC-MW5d	2/17/2013	12:46	16.39	60.43		
ANC-MW5d	3/21/2013	9:04	16.63	60.19		
ANC-MW5d	4/16/2013	12:35	16.96	59.86		
ANC-MW5d	5/30/2013	14:57	16.74	60.08		
ANC-MW5d	6/17/2013	13:37	16.62	60.20		
ANC-MW5d	7/16/2013	13:36	18.05	58.77		
ANC-MW5d	8/27/2013	15:04	17.02	59.80		
ANC-MW5d	9/9/2013	15:06	16.94	59.88		
ANC-MW5d	10/7/2013	15:17	17.40	59.42		
ANC-MW5d	11/14/2013	13:29	16.77	60.05		
ANC-MW5d	12/17/2013	14:29	16.89	59.93		
ANC-MW6s	1/30/2012	14:30	13.72	61.42	0.01	0.00
ANC-MW6s	2/12/2012	15:47	14.05	61.09	0.00	0.00
ANC-MW6s	3/5/2012	9:38	14.73	60.41	-0.02	-0.00
ANC-MW6s	4/5/2012	17:01	14.05	61.09	0.59	0.03
ANC-MW6s	5/11/2012	13:33	14.73	60.41	0.01	0.00
ANC-MW6s	6/18/2012	11:58	13.78	61.36	0.01	0.00
ANC-MW6s	7/9/2012	13:41	13.83	61.31	0.01	0.00
ANC-MW6s	8/16/2012	9:50	13.89	61.25	0.04	0.00
ANC-MW6s	9/17/2012	12:49	13.85	61.29	0.01	0.00
ANC-MW6s	10/19/2012	13:42	13.22	61.92	0.00	0.00
ANC-MW6s	12/6/2012	12:40	14.65	60.49	0.04	0.00
ANC-MW6s	12/28/2012	12:47	14.33	60.81	0.02	0.00
ANC-MW6s	1/15/2013	15:47	14.25	60.89	0.01	0.00
ANC-MW6s	2/17/2013	13:15	14.72	60.42	0.00	0.00
ANC-MW6s	3/21/2013	9:24	14.92	60.22	0.01	0.00
ANC-MW6s	4/16/2013	13:04	14.96	60.18	0.04	0.00
ANC-MW6s	5/30/2013	15:28	14.74	60.40	0.02	0.00
ANC-MW6s	6/17/2013	13:58	14.59	60.55	0.00	0.00
ANC-MW6s	7/16/2013	13:58	14.56	60.58	0.21	0.01
ANC-MW6s	8/27/2013	15:31	14.78	60.36	-0.01	-0.00
ANC-MW6s	9/9/2013	14:48	14.81	60.33	0.03	0.00
ANC-MW6s	10/7/2013	15:41	15.03	60.11	0.00	0.00
ANC-MW6s	11/14/2013	13:04	15.21	59.93	0.02	0.00
ANC-MW6s	12/17/2013	14:46	15.15	59.99	0.05	0.00
ANC-MW6d	1/30/2012	14:33	13.62	61.41		
ANC-MW6d	2/12/2012	15:48	13.94	61.09		
ANC-MW6d	3/5/2012	9:37	14.60	60.43		
ANC-MW6d	4/5/2012	17:00	14.53	60.50		
ANC-MW6d	5/11/2012	13:35	14.63	60.40		
ANC-MW6d	6/18/2012	11:57	13.68	61.35		
ANC-MW6d	7/9/2012	13:41	13.73	61.30		
ANC-MW6d	8/16/2012	9:50	13.82	61.21		
ANC-MW6d	9/17/2012	12:49	13.75	61.28		
ANC-MW6d	10/19/2012	13:42	13.11	61.92		
ANC-MW6d	12/6/2012	12:40	14.58	60.45		
ANC-MW6d	12/28/2012	12:48	14.24	60.79		
ANC-MW6d	1/15/2013	15:48	14.15	60.88		
ANC-MW6d	2/17/2013	13:16	14.61	60.42		
ANC-MW6d	3/21/2013	9:24	14.82	60.21		
ANC-MW6d	4/16/2013	13:04	14.89	60.14		
ANC-MW6d	5/30/2013	15:28	14.65	60.38		
ANC-MW6d	6/17/2013	13:59	14.48	60.55		
ANC-MW6d	7/16/2013	13:58	14.66	60.37		
ANC-MW6d	8/27/2013	15:31	14.66	60.37		
ANC-MW6d	9/9/2013	14:48	14.73	60.30		
ANC-MW6d	10/7/2013	15:41	14.92	60.11		
ANC-MW6d	11/14/2013	13:04	15.12	59.91		
ANC-MW6d	12/17/2013	14:46	15.09	59.94		
ANC-MW7s	1/30/2012	14:40	13.13	62.59	0.01	0.00
ANC-MW7s	2/12/2012	15:20	13.67	62.05	0.01	0.00
ANC-MW7s	3/5/2012	9:35	14.30	61.42	-0.02	-0.00
ANC-MW7s	4/5/2012	16:49	14.53	61.19	0.02	0.00
ANC-MW7s	5/11/2012	13:20	14.95	60.77	0.00	0.00
ANC-MW7s	6/18/2012	11:55	13.48	62.24	0.00	0.00
ANC-MW7s	7/9/2012	13:39	12.69	63.03	0.01	0.00
ANC-MW7s	8/16/2012	9:45	12.39	63.33	0.00	0.00
ANC-MW7s	9/17/2012	12:47	13.10	62.62	0.00	0.00
ANC-MW7s	10/19/2012	13:40	12.19	63.53	0.01	0.00
ANC-MW7s	12/6/2012	12:42	14.34	61.38	-0.02	-0.00
ANC-MW7s	12/28/2012	12:43	14.27	61.45	-0.02	-0.00
ANC-MW7s	1/15/2013	15:44	14.14	61.58	-0.01	-0.00
ANC-MW7s	2/17/2013	13:19	14.54	61.18	-0.01	-0.00
ANC-MW7s	3/21/2013	9:29	14.43	61.29	0.06	0.00
ANC-MW7s	4/16/2013	13:06	14.90	60.82	-0.02	-0.00
ANC-MW7s	5/30/2013	15:33	14.22	61.50	-0.02	-0.00
ANC-MW7s	6/17/2013	14:01	13.31	62.41	0.00	0.00
ANC-MW7s	7/16/2013	14:02	14.41	61.31	0.01	0.00
ANC-MW7s	8/27/2013	15:36	13.79	61.93	0.01	0.00
ANC-MW7s	9/9/2013	14:42	14.35	61.37	0.00	0.00
ANC-MW7s	10/7/2013	15:45	14.73	60.99	0.01	0.00
ANC-MW7s	11/14/2013	13:00	14.83	60.89	0.00	0.00
ANC-MW7s	12/17/2013	14:49	14.90	60.82	-0.02	-0.00
ANC-MW7d	1/30/2012	14:42	13.04	62.58		
ANC-MW7d	2/12/2012	15:21	13.58	62.04		
ANC-MW7d	3/5/2012	9:34	14.18	61.44		
ANC-MW7d	4/5/2012	16:49	14.45	61.17		
ANC-MW7d	5/11/2012	13:21	14.85	60.77		
ANC-MW7d	6/18/2012	11:54	13.38	62.24		
ANC-MW7d	7/9/2012	13:38	12.60	63.02		
ANC-MW7d	8/16/2012	9:46	12.29	63.33		
ANC-MW7d	9/17/2012	12:47	13.00	62.62		
ANC-MW7d	10/19/2012	13:40	12.10	63.52		
ANC-MW7d	12/6/2012	12:42	14.22	61.40		
ANC-MW7d	12/28/2012	12:44	14.15	61.47		
ANC-MW7d	1/15/2013	15:45	14.03	61.59		
ANC-MW7d	2/17/2013	13:20	14.43	61.19		
ANC-MW7d	3/21/2013	9:29	14.39	61.23		
ANC-MW7d	4/16/2013	13:06	14.78	60.84		
ANC-MW7d	5/30/2013	15:33	14.10	61.52		
ANC-MW7d	6/17/2013	14:03	13.21	62.41		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
ANC-MW7d	7/16/2013	14:02	14.32	61.30		
ANC-MW7d	8/27/2013	15:36	13.70	61.92		
ANC-MW7d	9/9/2013	14:42	14.25	61.37		
ANC-MW7d	10/7/2013	15:45	14.64	60.98		
ANC-MW7d	11/14/2013	13:00	14.73	60.89		
ANC-MW7d	12/17/2013	14:49	14.78	60.84		
BET-MW1s	1/29/2012	9:58	10.05	94.10	0.00	0.00
BET-MW1s	2/8/2012	12:56	10.00	94.15	-0.10	-0.01
BET-MW1s	3/5/2012	14:12	10.67	93.48	0.00	0.00
BET-MW1s	4/5/2012	12:50	10.37	93.78	0.02	0.00
BET-MW1s	5/10/2012	13:08	13.36	90.79	0.04	0.00
BET-MW1s	6/18/2012	13:59	14.93	89.22	0.05	0.00
BET-MW1s	7/11/2012	9:21	16.18	87.97	0.02	0.00
BET-MW1s	8/14/2012	10:44	15.69	88.46	0.01	0.00
BET-MW1s	9/18/2012	8:55	14.74	89.41	-0.02	-0.00
BET-MW1s	10/19/2012	12:57	13.80	90.35	-0.01	-0.00
BET-MW1s	12/7/2012	11:09	13.80	90.35	-0.01	-0.00
BET-MW1s	12/28/2012	14:16	12.38	91.77	-0.01	-0.00
BET-MW1s	1/16/2013	12:11	11.76	92.39	-0.02	-0.00
BET-MW1s	2/16/2013	17:18	12.70	91.45	0.01	0.00
BET-MW1s	3/21/2013	11:57	13.51	90.64	0.00	0.00
BET-MW1s	4/16/2013	15:33	14.39	89.76	0.03	0.00
BET-MW1s	5/30/2013	11:03	15.28	88.87	0.02	0.00
BET-MW1s	6/17/2013	11:08	16.79	87.36	0.01	0.00
BET-MW1s	7/16/2013	10:26	18.05	86.10	0.01	0.00
BET-MW1s	8/26/2013	12:05	18.25	85.90	0.00	0.00
BET-MW1s	9/9/2013	16:31	18.56	85.59	-0.27	-0.02
BET-MW1s	10/7/2013	17:41	18.00	86.15	0.02	0.00
BET-MW1s	11/15/2013	8:21	16.89	87.26	-0.06	-0.00
BET-MW1s	12/17/2013	16:38	16.36	87.79	0.02	0.00
BET-MW1d	1/29/2012	9:58	9.55	94.10		
BET-MW1d	2/8/2012	12:57	9.40	94.25		
BET-MW1d	3/5/2012	14:13	10.17	93.48		
BET-MW1d	4/5/2012	12:51	9.89	93.76		
BET-MW1d	5/10/2012	13:09	12.90	90.75		
BET-MW1d	6/18/2012	13:58	14.48	89.17		
BET-MW1d	7/11/2012	9:20	15.70	87.95		
BET-MW1d	8/14/2012	10:44	15.20	88.45		
BET-MW1d	9/18/2012	8:55	14.22	89.43		
BET-MW1d	10/19/2012	12:57	13.29	90.36		
BET-MW1d	12/7/2012	11:09	13.29	90.36		
BET-MW1d	12/28/2012	14:17	11.87	91.78		
BET-MW1d	1/16/2013	12:12	11.24	92.41		
BET-MW1d	2/16/2013	17:19	12.21	91.44		
BET-MW1d	3/21/2013	11:57	13.01	90.64		
BET-MW1d	4/16/2013	15:33	13.92	89.73		
BET-MW1d	5/30/2013	11:04	14.80	88.85		
BET-MW1d	6/17/2013	11:10	16.30	87.35		
BET-MW1d	7/16/2013	10:26	17.56	86.09		
BET-MW1d	8/26/2013	12:05	17.75	85.90		
BET-MW1d	9/9/2013	16:31	17.79	85.86		
BET-MW1d	10/7/2013	17:41	17.52	86.13		
BET-MW1d	11/15/2013	8:21	16.33	87.32		
BET-MW1d	12/17/2013	16:38	15.88	87.77		
BET-MW2s	1/29/2012	10:02	11.42	94.33	-0.02	-0.00
BET-MW2s	2/8/2012	13:14	11.38	94.37	0.00	0.00
BET-MW2s	3/5/2012	14:15	11.89	93.86	0.00	0.00
BET-MW2s	4/5/2012	12:53	11.43	94.32	0.00	0.00
BET-MW2s	5/10/2012	13:25	13.79	91.96	0.00	0.00
BET-MW2s	6/18/2012	13:56	14.85	90.90	0.00	0.00
BET-MW2s	7/11/2012	9:17	13.85	91.90	-0.01	-0.00
BET-MW2s	8/14/2012	10:46	12.60	93.15	-0.07	-0.00
BET-MW2s	9/18/2012	8:52	13.40	92.35	-0.03	-0.00
BET-MW2s	10/19/2012	13:03	13.27	92.48	0.00	0.00
BET-MW2s	12/7/2012	11:04	13.27	92.48	0.00	0.00
BET-MW2s	12/28/2012	14:09	13.78	91.97	0.00	0.00
BET-MW2s	1/16/2013	12:08	13.31	92.44	0.00	0.00
BET-MW2s	2/16/2013	17:22	12.28	93.47	0.00	0.00
BET-MW2s	3/21/2013	12:00	13.57	92.18	0.01	0.00
BET-MW2s	4/16/2013	15:30	14.90	90.85	0.01	0.00
BET-MW2s	5/30/2013	10:57	15.13	90.62	0.03	0.00
BET-MW2s	6/17/2013	11:13	15.84	89.91	0.01	0.00
BET-MW2s	7/16/2013	10:23	15.30	90.45	0.01	0.00
BET-MW2s	8/26/2013	12:01	15.57	90.18	0.01	0.00
BET-MW2s	9/9/2013	16:26	15.71	90.04	-0.08	-0.01
BET-MW2s	10/7/2013	17:36	16.13	89.62	-0.01	-0.00
BET-MW2s	11/15/2013	8:18	16.65	89.10	0.15	0.01
BET-MW2s	12/17/2013	16:33	16.90	88.85	0.01	0.00
BET-MW2d	1/29/2012	10:04	11.10	94.35		
BET-MW2d	2/8/2012	13:15	11.08	94.37		
BET-MW2d	3/5/2012	14:16	11.59	93.86		
BET-MW2d	4/5/2012	12:55	11.13	94.32		
BET-MW2d	5/10/2012	13:26	13.49	91.96		
BET-MW2d	6/18/2012	13:55	14.55	90.90		
BET-MW2d	7/11/2012	9:17	13.54	91.91		
BET-MW2d	8/14/2012	10:46	12.23	93.22		
BET-MW2d	9/18/2012	8:52	13.07	92.38		
BET-MW2d	10/19/2012	13:03	12.97	92.48		
BET-MW2d	12/7/2012	11:04	12.97	92.48		
BET-MW2d	12/28/2012	14:10	13.48	91.97		
BET-MW2d	1/16/2013	12:09	13.01	92.44		
BET-MW2d	2/16/2013	17:23	11.98	93.47		
BET-MW2d	3/21/2013	12:01	13.28	92.17		
BET-MW2d	4/16/2013	15:30	14.61	90.84		
BET-MW2d	5/30/2013	10:58	14.86	90.59		
BET-MW2d	6/17/2013	11:14	15.55	89.90		
BET-MW2d	7/16/2013	10:23	15.01	90.44		
BET-MW2d	8/26/2013	12:01	15.28	90.17		
BET-MW2d	9/9/2013	16:26	15.33	90.12		
BET-MW2d	10/7/2013	17:36	15.82	89.63		
BET-MW2d	11/15/2013	8:18	16.50	88.95		
BET-MW2d	12/17/2013	16:33	16.61	88.84		
BET-MW3s	1/29/2012	10:06	10.10	94.44	0.01	0.00
BET-MW3s	2/8/2012	13:24	10.07	94.47	0.02	0.00
BET-MW3s	3/5/2012	14:19	10.70	93.84	-0.01	-0.00
BET-MW3s	4/5/2012	12:58	10.22	94.32	0.02	0.00
BET-MW3s	5/10/2012	13:40	12.34	92.20	0.03	0.00
BET-MW3s	6/18/2012	13:53	13.35	91.19	0.02	0.00
BET-MW3s	7/11/2012	9:15	12.20	92.34	-0.01	-0.00
BET-MW3s	8/14/2012	10:50	10.90	93.64	-0.01	-0.00
BET-MW3s	9/18/2012	8:50	11.31	93.23	-0.03	-0.00
BET-MW3s	10/19/2012	13:06	11.73	92.81	0.01	0.00
BET-MW3s	12/7/2012	11:00	11.73	92.81	0.01	0.00
BET-MW3s	12/28/2012	14:06	12.52	92.02	0.00	0.00

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
BET-MW3s	1/16/2013	12:05	12.03	92.51	0.00	0.00
BET-MW3s	2/16/2013	17:26	11.07	93.47	0.01	0.00
BET-MW3s	3/21/2013	12:04	12.19	92.35	0.02	0.00
BET-MW3s	4/16/2013	15:27	13.38	91.16	-0.02	-0.00
BET-MW3s	5/30/2013	10:51	13.65	90.89	0.00	0.00
BET-MW3s	6/17/2013	11:16	14.16	90.38	0.01	0.00
BET-MW3s	7/16/2013	10:20	13.45	91.09	0.03	0.00
BET-MW3s	8/26/2013	11:59	13.60	90.94	0.00	0.00
BET-MW3s	9/9/2013	16:24	13.70	90.84	0.02	0.00
BET-MW3s	10/7/2013	17:34	14.34	90.20	-0.02	-0.00
BET-MW3s	11/15/2013	8:16	15.17	89.37	0.01	0.00
BET-MW3s	12/17/2013	16:29	15.42	89.12	0.00	0.00
BET-MW3d	1/29/2012	10:06	9.92	94.43		
BET-MW3d	2/8/2012	13:25	9.90	94.45		
BET-MW3d	3/5/2012	14:20	10.50	93.85		
BET-MW3d	4/5/2012	13:00	10.05	94.30		
BET-MW3d	5/10/2012	13:42	12.18	92.17		
BET-MW3d	6/18/2012	13:52	13.18	91.17		
BET-MW3d	7/11/2012	9:15	12.00	92.35		
BET-MW3d	8/14/2012	10:52	10.70	93.65		
BET-MW3d	9/18/2012	8:50	11.09	93.26		
BET-MW3d	10/19/2012	13:06	11.55	92.80		
BET-MW3d	12/7/2012	11:00	11.55	92.80		
BET-MW3d	12/28/2012	14:07	12.33	92.02		
BET-MW3d	1/16/2013	12:06	11.84	92.51		
BET-MW3d	2/16/2013	17:27	10.89	93.46		
BET-MW3d	3/21/2013	12:04	12.02	92.33		
BET-MW3d	4/16/2013	15:27	13.17	91.18		
BET-MW3d	5/30/2013	10:52	13.46	90.89		
BET-MW3d	6/17/2013	11:18	13.98	90.37		
BET-MW3d	7/16/2013	10:20	13.29	91.06		
BET-MW3d	8/26/2013	11:59	13.41	90.94		
BET-MW3d	9/9/2013	16:24	13.53	90.82		
BET-MW3d	10/7/2013	17:34	14.13	90.22		
BET-MW3d	11/15/2013	8:16	14.99	89.36		
BET-MW3d	12/17/2013	16:29	15.23	89.12		
BET-MW4s	1/29/2012	9:50	9.19	94.39	-0.28	-0.02
BET-MW4s	2/8/2012	13:46	8.58	95.00	-0.20	-0.01
BET-MW4s	3/5/2012	14:22	10.19	93.39	0.01	0.00
BET-MW4s	4/5/2012	13:10	8.52	95.06	1.53	0.08
BET-MW4s	5/10/2012	12:45	14.15	89.43	1.17	0.06
BET-MW4s	6/18/2012	14:06	13.70	89.88	1.30	0.07
BET-MW4s	7/11/2012	9:26	14.77	88.81	1.06	0.06
BET-MW4s	8/14/2012	10:40	13.26	90.32	1.13	0.06
BET-MW4s	9/18/2012	9:00	13.37	90.21	1.00	0.06
BET-MW4s	10/19/2012	12:50	11.50	92.08	-0.19	-0.01
BET-MW4s	12/7/2012	10:57	11.50	92.08	-0.19	-0.01
BET-MW4s	12/28/2012	14:22	9.88	93.70	-0.09	-0.00
BET-MW4s	1/16/2013	12:14	9.50	94.08	-0.11	-0.01
BET-MW4s	2/16/2013	17:12	9.60	93.98	0.10	0.01
BET-MW4s	3/21/2013	11:55	13.70	89.88	1.13	0.06
BET-MW4s	4/16/2013	15:38	14.58	89.00	0.89	0.05
BET-MW4s	5/30/2013	11:11	12.94	90.64	1.18	0.07
BET-MW4s	6/17/2013	11:01	15.17	88.41	1.15	0.06
BET-MW4s	7/16/2013	10:34	15.34	88.24	1.13	0.06
BET-MW4s	8/26/2013	12:13	14.47	89.11	1.16	0.06
BET-MW4s	9/9/2013	16:36	14.56	89.02	1.03	0.06
BET-MW4s	10/7/2013	17:48	16.43	87.15	1.21	0.07
BET-MW4s	11/15/2013	8:27	12.71	90.87	-0.03	-0.00
BET-MW4s	12/17/2013	16:43	15.36	88.22	-0.41	-0.02
BET-MW4d	1/29/2012	9:51	8.31	94.67		
BET-MW4d	2/8/2012	13:47	7.78	95.20		
BET-MW4d	3/5/2012	14:23	9.60	93.38		
BET-MW4d	4/5/2012	13:11	9.45	93.53		
BET-MW4d	5/10/2012	12:45	14.72	88.26		
BET-MW4d	6/18/2012	14:05	14.40	88.58		
BET-MW4d	7/11/2012	9:26	15.23	87.75		
BET-MW4d	8/14/2012	10:40	13.79	89.19		
BET-MW4d	9/18/2012	9:00	13.77	89.21		
BET-MW4d	10/19/2012	12:50	10.71	92.27		
BET-MW4d	12/7/2012	10:57	10.71	92.27		
BET-MW4d	12/28/2012	14:23	9.19	93.79		
BET-MW4d	1/16/2013	12:15	8.79	94.19		
BET-MW4d	2/16/2013	17:13	9.10	93.88		
BET-MW4d	3/21/2013	11:55	14.23	88.75		
BET-MW4d	4/16/2013	15:38	14.87	88.11		
BET-MW4d	5/30/2013	11:12	13.52	89.46		
BET-MW4d	6/17/2013	11:02	15.72	87.26		
BET-MW4d	7/16/2013	10:34	15.87	87.11		
BET-MW4d	8/26/2013	12:13	15.03	87.95		
BET-MW4d	9/9/2013	16:36	14.99	87.99		
BET-MW4d	10/7/2013	17:48	17.04	85.94		
BET-MW4d	11/15/2013	8:27	12.08	90.90		
BET-MW4d	12/17/2013	16:43	14.35	88.63		
BET-MW5s	1/29/2012	10:08	10.62	99.47	0.00	0.00
BET-MW5s	2/9/2012	11:25	11.00	99.09	0.02	0.00
BET-MW5s	3/5/2012	14:26	10.16	99.93	0.00	0.00
BET-MW5s	4/5/2012	13:15	11.59	98.50	-0.01	-0.00
BET-MW5s	5/10/2012	15:00	11.83	98.26	0.00	0.00
BET-MW5s	6/18/2012	14:16	10.83	99.26	0.00	0.00
BET-MW5s	7/11/2012	9:30	9.07	101.02	0.01	0.00
BET-MW5s	8/14/2012	10:36	8.28	101.81	0.02	0.00
BET-MW5s	9/18/2012	9:05	9.38	100.71	0.00	0.00
BET-MW5s	10/19/2012	13:13	9.67	100.42	0.00	0.00
BET-MW5s	12/7/2012	10:54	9.67	100.42	0.00	0.00
BET-MW5s	12/28/2012	14:26	12.43	97.66	0.00	0.00
BET-MW5s	1/16/2013	12:19	12.73	97.36	0.01	0.00
BET-MW5s	2/16/2013	17:32	11.40	98.69	0.00	0.00
BET-MW5s	3/21/2013	11:50	11.63	98.46	0.01	0.00
BET-MW5s	4/16/2013	15:44	13.04	97.05	0.10	0.00
BET-MW5s	5/30/2013	10:42	12.79	97.30	-0.01	-0.00
BET-MW5s	6/17/2013	10:34	10.18	99.91	-0.07	-0.00
BET-MW5s	7/16/2013	10:40	8.29	101.80	0.01	0.00
BET-MW5s	8/26/2013	12:19	8.18	101.91	0.01	0.00
BET-MW5s	9/9/2013	16:41	8.20	101.89	0.01	0.00
BET-MW5s	10/7/2013	17:54	9.76	100.33	-0.03	-0.00
BET-MW5s	11/15/2013	8:35	12.53	97.56	-0.01	-0.00
BET-MW5s	12/17/2013	16:47	13.91	96.18	0.01	0.00
BET-MW5d	1/29/2012	10:09	10.42	99.47		
BET-MW5d	2/9/2012	11:26	10.82	99.07		
BET-MW5d	3/5/2012	14:27	9.96	99.93		
BET-MW5d	4/5/2012	13:16	11.38	98.51		
BET-MW5d	5/10/2012	15:01	11.63	98.26		
BET-MW5d	6/18/2012	14:16	10.63	99.26		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
BET-MW5d	7/11/2012	9:30	8.88	101.01		
BET-MW5d	8/14/2012	10:36	8.10	101.79		
BET-MW5d	9/18/2012	9:05	9.18	100.71		
BET-MW5d	10/19/2012	13:13	9.47	100.42		
BET-MW5d	12/7/2012	10:54	9.47	100.42		
BET-MW5d	12/28/2012	14:28	12.23	97.66		
BET-MW5d	1/16/2013	12:20	12.54	97.35		
BET-MW5d	2/16/2013	17:33	11.20	98.69		
BET-MW5d	3/21/2013	11:50	11.44	98.45		
BET-MW5d	4/16/2013	15:44	12.94	96.95		
BET-MW5d	5/30/2013	10:42	12.58	97.31		
BET-MW5d	6/17/2013	10:35	9.91	99.98		
BET-MW5d	7/16/2013	10:40	8.10	101.79		
BET-MW5d	8/26/2013	12:19	7.99	101.90		
BET-MW5d	9/9/2013	16:41	8.01	101.88		
BET-MW5d	10/7/2013	17:54	9.53	100.36		
BET-MW5d	11/15/2013	8:35	12.32	97.57		
BET-MW5d	12/17/2013	16:47	13.72	96.17		
BET-MW6s	1/29/2012	10:11	11.10	98.60	0.00	0.00
BET-MW6s	2/9/2012	10:56	11.46	98.24	0.00	0.00
BET-MW6s	3/5/2012	14:31	10.23	99.47	0.00	0.00
BET-MW6s	4/5/2012	13:20	12.10	97.60	0.00	0.00
BET-MW6s	5/10/2012	14:42	12.20	97.50	-0.01	-0.00
BET-MW6s	6/18/2012	14:19	10.82	98.88	0.01	0.00
BET-MW6s	7/11/2012	9:34	8.57	101.13	0.00	0.00
BET-MW6s	8/14/2012	10:26	7.45	102.25	0.01	0.00
BET-MW6s	9/18/2012	9:08	9.62	100.08	-0.01	-0.00
BET-MW6s	10/19/2012	13:22	10.09	99.61	0.01	0.00
BET-MW6s	12/7/2012	10:50	10.09	99.61	0.01	0.00
BET-MW6s	12/28/2012	14:32	13.35	96.35	0.00	0.00
BET-MW6s	1/16/2013	12:27	13.45	96.25	0.00	0.00
BET-MW6s	2/16/2013	17:40	11.82	97.88	-0.02	-0.00
BET-MW6s	3/21/2013	11:47	12.22	97.48	-0.01	-0.00
BET-MW6s	4/16/2013	15:55	13.74	95.96	0.01	0.00
BET-MW6s	5/30/2013	10:20	12.92	96.78	0.01	0.00
BET-MW6s	6/17/2013	10:47	10.11	99.59	-0.01	-0.00
BET-MW6s	7/16/2013	10:49	8.11	101.59	0.00	0.00
BET-MW6s	8/26/2013	12:27	7.71	101.99	0.01	0.00
BET-MW6s	9/9/2013	16:44	7.82	101.88	0.10	0.00
BET-MW6s	10/7/2013	18:04	9.04	100.66	0.89	0.04
BET-MW6s	11/15/2013	8:46	12.93	96.77	0.04	0.00
BET-MW6s	12/17/2013	16:53	14.36	95.34	-0.10	-0.00
BET-MW6d	1/29/2012	10:11	10.87	98.60		
BET-MW6d	2/9/2012	10:57	11.23	98.24		
BET-MW6d	3/5/2012	14:33	10.00	99.47		
BET-MW6d	4/5/2012	13:22	11.87	97.60		
BET-MW6d	5/10/2012	14:44	11.96	97.51		
BET-MW6d	6/18/2012	14:18	10.60	98.87		
BET-MW6d	7/11/2012	9:34	8.34	101.13		
BET-MW6d	8/14/2012	10:27	7.23	102.24		
BET-MW6d	9/18/2012	9:08	9.38	100.09		
BET-MW6d	10/19/2012	13:22	9.87	99.60		
BET-MW6d	12/7/2012	10:50	9.87	99.60		
BET-MW6d	12/28/2012	14:33	13.12	96.35		
BET-MW6d	1/16/2013	12:28	13.22	96.25		
BET-MW6d	2/16/2013	17:41	11.57	97.90		
BET-MW6d	3/21/2013	11:46	11.98	97.49		
BET-MW6d	4/16/2013	15:55	13.52	95.95		
BET-MW6d	5/30/2013	10:21	12.70	96.77		
BET-MW6d	6/17/2013	10:49	9.87	99.60		
BET-MW6d	7/16/2013	10:49	7.88	101.59		
BET-MW6d	8/26/2013	12:27	7.49	101.98		
BET-MW6d	9/9/2013	16:44	7.69	101.78		
BET-MW6d	10/7/2013	18:04	9.70	99.77		
BET-MW6d	11/15/2013	8:46	12.74	96.73		
BET-MW6d	12/17/2013	16:53	14.03	95.44		
BET-MW7s	1/29/2012	10:14	11.96	99.75	-0.05	-0.00
BET-MW7s	2/9/2012	14:16	12.20	99.51	0.01	0.00
BET-MW7s	3/5/2012	14:36	11.34	100.37	0.00	0.00
BET-MW7s	4/5/2012	13:28	12.82	98.89	-0.57	-0.03
BET-MW7s	5/10/2012	14:00	12.95	98.76	0.03	0.00
BET-MW7s	6/18/2012	14:24	11.33	100.38	0.03	0.00
BET-MW7s	7/11/2012	9:40	11.28	100.43	0.06	0.00
BET-MW7s	8/14/2012	10:30	8.29	103.42	-0.01	-0.00
BET-MW7s	9/18/2012	9:14	9.77	101.94	0.09	0.00
BET-MW7s	10/19/2012	13:18	10.61	101.10	-0.03	-0.00
BET-MW7s	12/7/2012	10:47	10.61	101.10	-0.03	-0.00
BET-MW7s	12/28/2012	14:37	13.65	98.06	0.00	0.00
BET-MW7s	1/16/2013	12:22	13.87	97.84	-0.01	-0.00
BET-MW7s	2/16/2013	17:36	12.85	98.86	0.00	0.00
BET-MW7s	3/21/2013	11:44	13.06	98.65	0.00	0.00
BET-MW7s	4/16/2013	15:48	14.24	97.47	-0.02	-0.00
BET-MW7s	5/30/2013	10:33	13.68	98.03	0.01	0.00
BET-MW7s	6/17/2013	10:41	11.54	100.17	0.01	0.00
BET-MW7s	7/16/2013	10:44	9.83	101.88	0.01	0.00
BET-MW7s	8/26/2013	12:23	8.68	103.03	0.03	0.00
BET-MW7s	9/9/2013	16:53	8.69	103.02	0.05	0.00
BET-MW7s	10/7/2013	17:57	10.90	100.81	0.03	0.00
BET-MW7s	11/15/2013	8:41	13.41	98.30	-0.02	-0.00
BET-MW7s	12/17/2013	16:49	14.83	96.88	0.02	0.00
BET-MW7d	1/29/2012	10:15	11.70	99.80		
BET-MW7d	2/9/2012	14:17	12.00	99.50		
BET-MW7d	3/5/2012	14:38	11.13	100.37		
BET-MW7d	4/5/2012	13:30	12.04	99.46		
BET-MW7d	5/10/2012	14:01	12.77	98.73		
BET-MW7d	6/18/2012	14:23	11.15	100.35		
BET-MW7d	7/11/2012	9:40	11.13	100.37		
BET-MW7d	8/14/2012	10:31	8.07	103.43		
BET-MW7d	9/18/2012	9:14	9.65	101.85		
BET-MW7d	10/19/2012	13:18	10.37	101.13		
BET-MW7d	12/7/2012	10:47	10.37	101.13		
BET-MW7d	12/28/2012	14:38	13.44	98.06		
BET-MW7d	1/16/2013	12:23	13.65	97.85		
BET-MW7d	2/16/2013	17:37	12.64	98.86		
BET-MW7d	3/21/2013	11:44	12.85	98.65		
BET-MW7d	4/16/2013	15:48	14.01	97.49		
BET-MW7d	5/30/2013	10:34	13.48	98.02		
BET-MW7d	6/17/2013	10:42	11.34	100.16		
BET-MW7d	7/16/2013	10:44	9.63	101.87		
BET-MW7d	8/26/2013	12:23	8.50	103.00		
BET-MW7d	9/9/2013	16:53	8.53	102.97		
BET-MW7d	10/7/2013	17:57	10.72	100.78		
BET-MW7d	11/15/2013	8:41	13.18	98.32		
BET-MW7d	12/17/2013	16:49	14.64	96.86		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
BET-MW8s	1/29/2012	10:17	12.39	98.83	0.06	0.00
BET-MW8s	2/9/2012	12:09	12.72	98.50	0.10	0.00
BET-MW8s	3/5/2012	14:40	11.73	99.49	0.07	0.00
BET-MW8s	4/5/2012	13:33	13.49	97.73	0.06	0.00
BET-MW8s	5/10/2012	14:22	13.93	97.29	0.04	0.00
BET-MW8s	6/18/2012	14:28	10.47	100.75	0.11	0.01
BET-MW8s	7/11/2012	9:37	9.50	101.72	0.10	0.00
BET-MW8s	8/14/2012	10:24	7.94	103.28	0.11	0.01
BET-MW8s	9/18/2012	9:11	10.52	100.70	0.06	0.00
BET-MW8s	10/19/2012	13:27	11.30	99.92	0.04	0.00
BET-MW8s	12/7/2012	10:43	11.30	99.92	0.04	0.00
BET-MW8s	12/28/2012	14:42	14.64	96.58	0.04	0.00
BET-MW8s	1/16/2013	12:31	14.82	96.40	0.03	0.00
BET-MW8s	2/16/2013	17:45	13.20	98.02	0.05	0.00
BET-MW8s	3/21/2013	11:40	13.46	97.76	0.09	0.00
BET-MW8s	4/16/2013	15:58	15.10	96.12	0.05	0.00
BET-MW8s	5/30/2013	10:26	14.36	96.86	0.01	0.00
BET-MW8s	6/17/2013	10:51	11.64	99.58	0.09	0.00
BET-MW8s	7/16/2013	10:53	9.60	101.62	0.10	0.00
BET-MW8s	8/26/2013	12:32	8.57	102.65	0.10	0.00
BET-MW8s	9/9/2013	16:49	8.89	102.33	-0.04	-0.00
BET-MW8s	10/7/2013	18:05	11.53	99.69	0.05	0.00
BET-MW8s	11/15/2013	8:51	14.07	97.15	0.06	0.00
BET-MW8s	12/17/2013	16:56	15.54	95.68	0.06	0.00
BET-MW8d	1/29/2012	10:17	12.20	98.77		
BET-MW8d	2/9/2012	12:10	12.57	98.40		
BET-MW8d	3/5/2012	14:41	11.55	99.42		
BET-MW8d	4/5/2012	13:35	13.30	97.67		
BET-MW8d	5/10/2012	14:22	13.72	97.25		
BET-MW8d	6/18/2012	14:27	10.33	100.64		
BET-MW8d	7/11/2012	9:37	9.35	101.62		
BET-MW8d	8/14/2012	10:24	7.80	103.17		
BET-MW8d	9/18/2012	9:11	10.33	100.64		
BET-MW8d	10/19/2012	13:27	11.09	99.88		
BET-MW8d	12/7/2012	10:43	11.09	99.88		
BET-MW8d	12/28/2012	14:43	14.43	96.54		
BET-MW8d	1/16/2013	12:32	14.60	96.37		
BET-MW8d	2/16/2013	17:46	13.00	97.97		
BET-MW8d	3/21/2013	11:41	13.30	97.67		
BET-MW8d	4/16/2013	15:58	14.90	96.07		
BET-MW8d	5/30/2013	10:27	14.12	96.85		
BET-MW8d	6/17/2013	10:53	11.48	99.49		
BET-MW8d	7/16/2013	10:53	9.45	101.52		
BET-MW8d	8/26/2013	12:32	8.42	102.55		
BET-MW8d	9/9/2013	16:49	8.60	102.37		
BET-MW8d	10/7/2013	18:05	11.33	99.64		
BET-MW8d	11/15/2013	8:51	13.88	97.09		
BET-MW8d	12/17/2013	16:56	15.35	95.62		
DIE-MW1	1/16/2013	7:30	100.93	75.85		
DIE-MW1	2/18/2013	9:03	102.31	74.47		
DIE-MW1	3/19/2013	15:09	103.93	72.85		
DIE-MW1	4/17/2013	17:09	106.07	70.71		
DIE-MW1	6/3/2013	8:39	107.35	69.43		
DIE-MW1	6/21/2013	18:48	107.19	69.59		
DIE-MW1	7/15/2013	10:09	107.28	69.50		
DIE-MW1	8/20/2013	11:15	107.02	69.76		
DIE-MW1	9/9/2013	8:44	109.38	67.40		
DIE-MW1	10/7/2013	10:14	106.85	69.93		
DIE-MW1	11/11/2013	9:22	106.53	70.25		
DIE-MW1	12/17/2013	10:08	106.24	70.54		
DIE-MW2	1/16/2013	7:35	101.80	71.71		
DIE-MW2	2/18/2013	9:17	104.88	68.63		
DIE-MW2	3/19/2013	15:15	108.59	64.92		
DIE-MW2	4/17/2013	16:58	115.51	58.00		
DIE-MW2	6/3/2013	8:56	118.98	54.53		
DIE-MW2	6/21/2013	18:55	117.35	56.16		
DIE-MW2	7/15/2013	10:02	120.43	53.08		
DIE-MW2	8/20/2013	11:04	123.10	50.41		
DIE-MW2	9/9/2013	8:39	124.19	49.32		
DIE-MW2	10/7/2013	10:04	120.93	52.58		
DIE-MW2	11/11/2013	9:29	117.03	56.48		
DIE-MW2	12/17/2013	9:59	114.52	58.99		
DIE-MW3	1/16/2013	7:42	101.59	72.35		
DIE-MW3	2/18/2013	9:14	100.87	73.07		
DIE-MW3	3/19/2013	15:21	103.69	70.25		
DIE-MW3	4/17/2013	17:04	106.95	66.99		
DIE-MW3	6/3/2013	8:46	109.93	64.01		
DIE-MW3	6/21/2013	18:52	109.61	64.33		
DIE-MW3	7/15/2013	9:55	110.74	63.20		
DIE-MW3	8/20/2013	11:10	112.67	61.27		
DIE-MW3	9/9/2013	8:36	113.33	60.61		
DIE-MW3	10/7/2013	10:09	111.40	62.54		
DIE-MW3	11/11/2013	9:26	109.90	64.04		
DIE-MW3	12/17/2013	10:03	107.27	66.67		
DIE-MW4	1/16/2013	7:50	95.71	82.62		
DIE-MW4	2/18/2013	9:10	98.20	80.13		
DIE-MW4	3/19/2013	14:58	99.43	78.90		
DIE-MW4	4/17/2013	17:13	101.22	77.11		
DIE-MW4	6/3/2013	8:32	99.78	78.55		
DIE-MW4	6/21/2013	18:41	100.47	77.86		
DIE-MW4	7/15/2013	10:14	100.85	77.48		
DIE-MW4	8/20/2013	11:19	100.78	77.55		
DIE-MW4	9/9/2013	8:47	102.64	75.69		
DIE-MW4	10/7/2013	10:18	100.57	77.76		
DIE-MW4	11/11/2013	9:18	100.58	77.75		
DIE-MW4	12/17/2013	10:10	99.83	78.50		
DUR-MW1	1/16/2013	11:00	12.05	35.55		
DUR-MW1	2/17/2013	13:07	13.72	33.88		
DUR-MW1	3/22/2013	11:40	14.39	33.21		
DUR-MW1	4/18/2013	13:09	13.54	34.06		
DUR-MW1	5/31/2013	9:51	13.86	33.74		
DUR-MW1	6/17/2013	15:09	14.17	33.43		
DUR-MW1	7/15/2013	11:46	14.53	33.07		
DUR-MW1	8/20/2013	14:16	14.64	32.96		
DUR-MW1	9/9/2013	9:53	14.62	32.98		
DUR-MW1	10/7/2013	10:35	13.73	33.87		
DUR-MW1	11/11/2013	12:50	14.20	33.40		
DUR-MW1	12/17/2013	10:10	14.22	33.38		
DUR-MW2	1/16/2013	10:57	13.89	35.08		
DUR-MW2	2/17/2013	13:10	16.45	32.52		
DUR-MW2	3/22/2013	11:45	17.56	31.41		
DUR-MW2	4/18/2013	13:13	16.73	32.24		
DUR-MW2	5/31/2013	9:49	15.81	33.16		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
DUR-MW2	6/17/2013	15:06	16.99	31.98		
DUR-MW2	7/15/2013	11:48	18.56	30.41		
DUR-MW2	8/20/2013	14:11	17.49	31.48		
DUR-MW2	9/9/2013	9:50	17.65	31.32		
DUR-MW2	10/7/2013	10:31	16.07	32.90		
DUR-MW2	11/11/2013	12:48	16.99	31.98		
DUR-MW2	12/17/2013	10:07	15.07	33.90		
DUR-MW3	1/16/2013	11:07	11.57	35.45		
DUR-MW3	2/17/2013	13:12	13.04	33.98		
DUR-MW3	3/22/2013	11:47	14.61	32.41		
DUR-MW3	4/18/2013	12:59	13.24	33.78		
DUR-MW3	5/31/2013	10:07	12.84	34.18		
DUR-MW3	6/17/2013	15:14	13.73	33.29		
DUR-MW3	7/15/2013	11:40	14.74	32.28		
DUR-MW3	8/20/2013	15:24	14.39	32.63		
DUR-MW3	9/9/2013	10:02	14.51	32.51		
DUR-MW3	10/7/2013	10:38	13.48	33.54		
DUR-MW3	11/11/2013	12:55	13.38	33.64		
DUR-MW3	12/17/2013	10:16	13.36	33.66		
DUR-MW4	1/16/2013	11:04	11.00	35.29		
DUR-MW4	2/17/2013	13:14	12.30	33.99		
DUR-MW4	3/22/2013	11:50	13.39	32.90		
DUR-MW4	4/18/2013	12:54	12.83	33.46		
DUR-MW4	5/31/2013	10:05	12.80	33.49		
DUR-MW4	6/17/2013	15:12	12.99	33.30		
DUR-MW4	7/15/2013	11:43	13.15	33.14		
DUR-MW4	8/20/2013	15:20	13.06	33.23		
DUR-MW4	9/9/2013	9:57	12.99	33.30		
DUR-MW4	10/7/2013	10:37	12.66	33.63		
DUR-MW4	11/11/2013	12:52	13.04	33.25		
DUR-MW4	12/17/2013	10:13	13.22	33.07		
DUR-MW6	1/16/2013	11:12	12.53	32.39		
DUR-MW6	2/17/2013	13:15	9.44	35.48		
DUR-MW6	3/22/2013	11:52	10.26	34.66		
DUR-MW6	4/18/2013	12:45	9.71	35.21		
DUR-MW6	5/31/2013	9:55	9.52	35.40		
DUR-MW6	6/17/2013	15:30	9.82	35.10		
DUR-MW6	7/15/2013	11:24	9.72	35.20		
DUR-MW6	8/20/2013	15:46	9.28	35.64		
DUR-MW6	9/9/2013	10:17	9.34	35.58		
DUR-MW6	10/7/2013	10:52	9.63	35.29		
DUR-MW6	11/11/2013	13:08	9.76	35.16		
DUR-MW6	12/17/2013	10:29	10.26	34.66		
DUR-MW7	1/16/2013	11:13	12.27	36.75		
DUR-MW7	2/17/2013	13:18	14.32	34.70		
DUR-MW7	3/22/2013	11:36	15.04	33.98		
DUR-MW7	4/18/2013	12:49	14.49	34.53		
DUR-MW7	5/31/2013	9:58	13.51	35.51		
DUR-MW7	6/17/2013	15:24	14.70	34.32		
DUR-MW7	7/15/2013	11:30	15.16	33.86		
DUR-MW7	8/20/2013	15:39	14.17	34.85		
DUR-MW7	9/9/2013	10:13	14.32	34.70		
DUR-MW7	10/7/2013	10:47	13.90	35.12		
DUR-MW7	11/11/2013	13:04	14.71	34.31		
DUR-MW7	12/17/2013	10:25	14.31	34.71		
DUR-MW8	1/16/2013	11:22	8.98	38.00		
DUR-MW8	2/17/2013	13:00	14.11	32.87		
DUR-MW8	3/22/2013	11:33	11.78	35.20		
DUR-MW8	4/18/2013	13:18	13.54	33.44		
DUR-MW8	5/31/2013	9:46	12.56	34.42		
DUR-MW8	6/17/2013	15:02	13.44	33.54		
DUR-MW8	7/15/2013	11:51	13.00	33.98		
DUR-MW8	8/20/2013	14:56	12.03	34.95		
DUR-MW8	9/9/2013	9:46	11.59	35.39		
DUR-MW8	10/7/2013	10:28	12.54	34.44		
DUR-MW8	11/11/2013	12:44	13.27	33.71		
DUR-MW8	12/17/2013	10:02	12.85	34.13		
DUR-MW9	1/16/2013	11:15	12.91	35.56		
DUR-MW9	2/17/2013	12:50	11.12	37.35		
DUR-MW9	3/22/2013	11:30	9.54	38.93		
DUR-MW9	4/18/2013	12:38	10.32	38.15		
DUR-MW9	5/31/2013	9:22	9.69	38.78		
DUR-MW9	6/17/2013	14:54	10.01	38.46		
DUR-MW9	7/15/2013	11:58	8.29	40.18		
DUR-MW9	8/20/2013	14:50	8.75	39.72		
DUR-MW9	9/9/2013	9:39	9.48	38.99		
DUR-MW9	10/7/2013	10:22	9.93	38.54		
DUR-MW9	11/11/2013	12:38	10.78	37.69		
DUR-MW9	12/17/2013	9:55	11.57	36.90		
DUR-MW10s	1/16/2013	10:55	11.99	35.83	-1.25	-0.06
DUR-MW10s	2/17/2013	13:20	13.48	34.34	0.24	0.01
DUR-MW10s	3/22/2013	11:27	14.85	32.97	-0.13	-0.01
DUR-MW10s	4/18/2013	13:03	13.76	34.06	0.26	0.01
DUR-MW10s	5/31/2013	10:11	13.57	34.25	-0.35	-0.02
DUR-MW10s	6/17/2013	15:19	14.18	33.64	-0.04	-0.00
DUR-MW10s	7/15/2013	11:36	14.94	32.88	0.04	0.00
DUR-MW10s	8/20/2013	15:34	14.43	33.39	0.00	0.00
DUR-MW10s	9/9/2013	10:08	14.49	33.33	-0.20	-0.01
DUR-MW10s	10/7/2013	10:43	14.00	33.82	-0.15	-0.01
DUR-MW10s	11/11/2013	12:59	13.88	33.94	0.30	0.01
DUR-MW10s	12/17/2013	10:20	13.88	33.94	-0.09	-0.00
DUR-MW10d	1/16/2013	10:48	10.80	37.08		
DUR-MW10d	2/17/2013	13:21	13.78	34.10		
DUR-MW10d	3/22/2013	11:28	14.78	33.10		
DUR-MW10d	4/18/2013	13:03	14.08	33.80		
DUR-MW10d	5/31/2013	10:11	13.28	34.60		
DUR-MW10d	6/17/2013	15:19	14.20	33.68		
DUR-MW10d	7/15/2013	11:36	15.04	32.84		
DUR-MW10d	8/20/2013	15:34	14.49	33.39		
DUR-MW10d	9/9/2013	10:08	14.35	33.53		
DUR-MW10d	10/7/2013	10:43	13.91	33.97		
DUR-MW10d	11/11/2013	12:59	14.24	33.64		
DUR-MW10d	12/17/2013	10:20	13.85	34.03		
FG1-MW1s	1/30/2012	12:25	16.44	60.61	0.00	0.00
FG1-MW1s	2/12/2012	12:00	16.62	60.43	-0.02	-0.00
FG1-MW1s	3/5/2012	12:56	16.31	60.74	0.01	0.00
FG1-MW1s	4/5/2012	15:40	Dry			
FG1-MW1s	5/14/2012	11:35	15.58	61.47	0.00	0.00
FG1-MW1s	6/18/2012	12:38	16.20	60.85	-0.01	-0.00
FG1-MW1s	7/9/2012	14:15	16.30	60.75	-0.02	-0.00
FG1-MW1s	8/15/2012	16:22	16.37	60.68	0.01	0.00
FG1-MW1s	9/17/2012	13:14	16.53	60.52	0.00	0.00
FG1-MW1s	10/20/2012	10:49	15.28	61.77	2.00	0.15

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
FG1-MW1s	12/11/2012	13:31	17.03	60.02	0.00	0.00
FG1-MW1s	12/28/2012	11:49	16.88	60.17	-0.03	-0.00
FG1-MW1s	1/16/2013	10:37	16.99	60.06	-0.01	-0.00
FG1-MW1s	2/17/2013	11:13	16.74	60.31	-0.03	-0.00
FG1-MW1s	3/21/2013	11:04	17.10	59.95	0.05	0.00
FG1-MW1s	4/16/2013	13:22	17.30	59.75	0.00	0.00
FG1-MW1s	5/30/2013	10:27	17.20	59.85	0.00	0.00
FG1-MW1s	6/17/2013	13:06	17.18	59.87	-0.01	-0.00
FG1-MW1s	7/16/2013	12:45	16.74	60.31	0.00	0.00
FG1-MW1s	8/22/2013	16:40	17.52	59.53	0.01	0.00
FG1-MW1s	9/9/2013	13:39	17.10	59.95	0.03	0.00
FG1-MW1s	10/7/2013	16:06	16.49	60.56	0.00	0.00
FG1-MW1s	11/14/2013	9:53	17.15	59.90	-0.10	-0.01
FG1-MW1s	12/17/2013	14:59	17.63	59.42	0.01	0.00
FG1-MW1d	1/30/2012	12:27	16.14	60.61		
FG1-MW1d	2/12/2012	12:01	16.30	60.45		
FG1-MW1d	3/5/2012	12:55	16.02	60.73		
FG1-MW1d	4/5/2012	15:42	16.52	60.23		
FG1-MW1d	5/14/2012	11:36	15.28	61.47		
FG1-MW1d	6/18/2012	12:37	15.89	60.86		
FG1-MW1d	7/9/2012	14:15	15.98	60.77		
FG1-MW1d	8/15/2012	16:22	16.08	60.67		
FG1-MW1d	9/17/2012	13:14	16.23	60.52		
FG1-MW1d	10/20/2012	10:49	16.98	59.77		
FG1-MW1d	12/11/2012	13:31	16.73	60.02		
FG1-MW1d	12/28/2012	11:50	16.55	60.20		
FG1-MW1d	1/16/2013	10:38	16.68	60.07		
FG1-MW1d	2/17/2013	11:14	16.41	60.34		
FG1-MW1d	3/21/2013	11:04	16.85	59.90		
FG1-MW1d	4/16/2013	13:22	17.00	59.75		
FG1-MW1d	5/30/2013	10:27	16.90	59.85		
FG1-MW1d	6/17/2013	13:08	16.87	59.88		
FG1-MW1d	7/16/2013	12:45	16.44	60.31		
FG1-MW1d	8/22/2013	16:40	17.23	59.52		
FG1-MW1d	9/9/2013	13:39	16.83	59.92		
FG1-MW1d	10/7/2013	16:06	16.19	60.56		
FG1-MW1d	11/14/2013	9:53	16.75	60.00		
FG1-MW1d	12/17/2013	14:59	17.34	59.41		
FG1-MW2s	1/30/2012	12:37	Dry			
FG1-MW2s	2/12/2012	12:25	Dry			
FG1-MW2s	3/5/2012	13:01	Dry			
FG1-MW2s	4/5/2012	15:30	Dry			
FG1-MW2s	5/14/2012	12:03	Dry			
FG1-MW2s	6/18/2012	12:42	Dry			
FG1-MW2s	7/9/2012	14:21	Dry			
FG1-MW2s	8/15/2012	16:25	Dry			
FG1-MW2s	9/17/2012	13:20	Dry			
FG1-MW2s	10/20/2012	10:54	Dry			
FG1-MW2s	12/11/2012	13:26	Dry			
FG1-MW2s	12/28/2012	11:56	Dry			
FG1-MW2s	1/16/2013	10:42	Dry			
FG1-MW2s	2/17/2013	11:23	Dry			
FG1-MW2s	3/21/2013	11:12	Dry			
FG1-MW2s	4/16/2013	13:30	Dry			
FG1-MW2s	5/30/2013	10:35	Dry			
FG1-MW2s	6/17/2013	13:13	Dry			
FG1-MW2s	7/16/2013	12:55	Dry			
FG1-MW2s	8/22/2013	16:48	Dry			
FG1-MW2s	9/9/2013	13:46	Dry			
FG1-MW2s	10/7/2013	16:12	Dry			
FG1-MW2s	11/14/2013	9:44	Dry			
FG1-MW2s	12/17/2013	15:05	Dry			
FG1-MW2d	1/30/2012	12:40	20.04	59.95		
FG1-MW2d	2/12/2012	12:26	20.18	59.81		
FG1-MW2d	3/5/2012	13:00	19.81	60.18		
FG1-MW2d	4/5/2012	15:33	20.21	59.78		
FG1-MW2d	5/14/2012	12:04	17.89	62.10		
FG1-MW2d	6/18/2012	12:41	19.85	60.14		
FG1-MW2d	7/9/2012	14:20	19.38	60.61		
FG1-MW2d	8/15/2012	16:25	19.47	60.52		
FG1-MW2d	9/17/2012	13:20	19.80	60.19		
FG1-MW2d	10/20/2012	10:54	19.02	60.97		
FG1-MW2d	12/11/2012	13:26	20.03	59.96		
FG1-MW2d	12/28/2012	11:57	19.72	60.27		
FG1-MW2d	1/16/2013	10:43	19.98	60.01		
FG1-MW2d	2/17/2013	11:24	20.13	59.86		
FG1-MW2d	3/21/2013	11:12	20.38	59.61		
FG1-MW2d	4/16/2013	13:30	20.36	59.63		
FG1-MW2d	5/30/2013	10:35	20.03	59.96		
FG1-MW2d	6/17/2013	13:14	20.06	59.93		
FG1-MW2d	7/16/2013	12:55	19.47	60.52		
FG1-MW2d	8/22/2013	16:48	20.80	59.19		
FG1-MW2d	9/9/2013	13:46	19.88	60.11		
FG1-MW2d	10/7/2013	16:12	19.07	60.92		
FG1-MW2d	11/14/2013	9:44	19.88	60.11		
FG1-MW2d	12/17/2013	15:05	20.64	59.35		
FG1-MW3s	1/30/2012	12:31	Dry			
FG1-MW3s	2/12/2012	12:46	Dry			
FG1-MW3s	3/5/2012	12:58	Dry			
FG1-MW3s	4/5/2012	15:35	Dry			
FG1-MW3s	5/14/2012	11:50	16.53	61.80	0.01	0.00
FG1-MW3s	6/18/2012	12:40	Dry			
FG1-MW3s	7/9/2012	14:18	Dry			
FG1-MW3s	8/15/2012	16:29	Dry			
FG1-MW3s	9/17/2012	13:17	Dry			
FG1-MW3s	10/20/2012	10:52	Dry			
FG1-MW3s	12/11/2012	13:29	Dry			
FG1-MW3s	12/28/2012	11:53	Dry			
FG1-MW3s	1/16/2013	10:40	Dry			
FG1-MW3s	2/17/2013	11:18	Dry			
FG1-MW3s	3/21/2013	11:09	Dry			
FG1-MW3s	4/16/2013	13:27	Dry			
FG1-MW3s	5/30/2013	10:32	Dry			
FG1-MW3s	6/17/2013	13:16	Dry			
FG1-MW3s	7/16/2013	12:52	Dry			
FG1-MW3s	8/22/2013	16:44	Dry			
FG1-MW3s	9/9/2013	13:43	Dry			
FG1-MW3s	10/7/2013	16:09	Dry			
FG1-MW3s	11/14/2013	9:50	Dry			
FG1-MW3s	12/17/2013	15:01	Dry			
FG1-MW3d	1/30/2012	12:33	17.90	60.17		
FG1-MW3d	2/12/2012	12:47	18.08	59.99		
FG1-MW3d	3/5/2012	12:57	17.73	60.34		
FG1-MW3d	4/5/2012	15:37	18.15	59.92		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
FG1-MW3d	5/14/2012	11:51	16.28	61.79		
FG1-MW3d	6/18/2012	12:39	17.33	60.74		
FG1-MW3d	7/9/2012	14:18	17.48	60.59		
FG1-MW3d	8/15/2012	16:29	17.62	60.45		
FG1-MW3d	9/17/2012	13:17	17.78	60.29		
FG1-MW3d	10/20/2012	10:52	17.27	60.80		
FG1-MW3d	12/11/2012	13:29	18.17	59.90		
FG1-MW3d	12/28/2012	11:54	17.90	60.17		
FG1-MW3d	1/16/2013	10:41	18.09	59.98		
FG1-MW3d	2/17/2013	11:19	18.10	59.97		
FG1-MW3d	3/21/2013	11:09	17.38	60.69		
FG1-MW3d	4/16/2013	13:27	18.48	59.59		
FG1-MW3d	5/30/2013	10:32	18.30	59.77		
FG1-MW3d	6/17/2013	13:17	18.30	59.77		
FG1-MW3d	7/16/2013	12:52	17.64	60.43		
FG1-MW3d	8/22/2013	16:44	18.74	59.33		
FG1-MW3d	9/9/2013	13:43	18.06	60.01		
FG1-MW3d	10/7/2013	16:09	17.38	60.69		
FG1-MW3d	11/14/2013	9:50	18.03	60.04		
FG1-MW3d	12/17/2013	15:01	18.74	59.33		
FG1-MW4s	1/30/2012	12:45	16.45	60.27	0.00	0.00
FG1-MW4s	2/12/2012	13:10	15.58	61.14	0.99	0.06
FG1-MW4s	3/5/2012	12:51	16.13	60.59	-0.04	-0.00
FG1-MW4s	4/5/2012	15:24	16.59	60.13	0.00	0.00
FG1-MW4s	5/14/2012	12:20	14.93	61.79	-0.01	-0.00
FG1-MW4s	6/18/2012	12:46	14.35	62.37	-0.01	-0.00
FG1-MW4s	7/9/2012	14:23	11.88	64.84	-0.23	-0.01
FG1-MW4s	8/15/2012	16:20	11.75	64.97	-0.11	-0.01
FG1-MW4s	9/17/2012	13:23	16.44	60.28	-0.02	-0.00
FG1-MW4s	10/20/2012	10:57	14.25	62.47	1.99	0.11
FG1-MW4s	12/11/2012	13:22	16.47	60.25	0.00	0.00
FG1-MW4s	12/28/2012	12:15	16.28	60.44	-0.01	-0.00
FG1-MW4s	1/16/2013	10:59	16.42	60.30	0.00	0.00
FG1-MW4s	2/17/2013	11:27	16.32	60.40	-0.03	-0.00
FG1-MW4s	3/21/2013	11:18	16.63	60.09	0.00	0.00
FG1-MW4s	4/16/2013	13:35	16.21	60.51	-0.02	-0.00
FG1-MW4s	5/30/2013	10:39	15.14	61.58	0.01	0.00
FG1-MW4s	6/17/2013	12:29	14.54	62.18	0.00	0.00
FG1-MW4s	7/16/2013	12:59	12.66	64.06	-0.03	-0.00
FG1-MW4s	8/22/2013	16:51	16.86	59.86	0.11	0.01
FG1-MW4s	9/9/2013	13:50	14.95	61.77	0.01	0.00
FG1-MW4s	10/7/2013	16:16	13.94	62.78	-0.02	-0.00
FG1-MW4s	11/14/2013	9:40	16.11	60.61	-0.02	-0.00
FG1-MW4s	12/17/2013	15:09	17.02	59.70	-0.03	-0.00
FG1-MW4d	1/30/2012	12:47	16.11	60.27		
FG1-MW4d	2/12/2012	13:11	16.23	60.15		
FG1-MW4d	3/5/2012	12:49	15.75	60.63		
FG1-MW4d	4/5/2012	15:25	16.25	60.13		
FG1-MW4d	5/14/2012	12:22	14.58	61.80		
FG1-MW4d	6/18/2012	12:45	14.00	62.38		
FG1-MW4d	7/9/2012	14:23	11.31	65.07		
FG1-MW4d	8/15/2012	16:20	11.30	65.08		
FG1-MW4d	9/17/2012	13:23	16.08	60.30		
FG1-MW4d	10/20/2012	10:57	15.90	60.48		
FG1-MW4d	12/11/2012	13:22	16.13	60.25		
FG1-MW4d	12/28/2012	12:16	15.93	60.45		
FG1-MW4d	1/16/2013	11:00	16.08	60.30		
FG1-MW4d	2/17/2013	11:28	15.95	60.43		
FG1-MW4d	3/21/2013	11:18	16.29	60.09		
FG1-MW4d	4/16/2013	13:35	15.85	60.53		
FG1-MW4d	5/30/2013	10:39	14.81	61.57		
FG1-MW4d	6/17/2013	12:30	14.20	62.18		
FG1-MW4d	7/16/2013	12:59	12.29	64.09		
FG1-MW4d	8/22/2013	16:51	16.63	59.75		
FG1-MW4d	9/9/2013	13:50	14.62	61.76		
FG1-MW4d	10/7/2013	16:16	13.58	62.80		
FG1-MW4d	11/14/2013	9:40	15.75	60.63		
FG1-MW4d	12/17/2013	15:09	16.65	59.73		
FG1-MW5s	1/30/2012	13:13	16.05	59.77	-0.01	-0.00
FG1-MW5s	2/12/2012	14:00	16.22	59.60	0.00	0.00
FG1-MW5s	3/5/2012	13:13	16.10	59.72	0.02	0.00
FG1-MW5s	4/5/2012	15:20	16.22	59.60	-0.01	-0.00
FG1-MW5s	5/14/2012	13:03	14.43	61.39	-0.01	-0.00
FG1-MW5s	6/18/2012	12:59	16.35	59.47	-0.01	-0.00
FG1-MW5s	7/9/2012	14:38	16.67	59.15	0.02	0.00
FG1-MW5s	8/15/2012	16:10	16.92	58.90	-0.03	-0.00
FG1-MW5s	9/17/2012	13:40	16.70	59.12	0.02	0.00
FG1-MW5s	10/20/2012	11:11	14.83	60.99	0.01	0.00
FG1-MW5s	12/11/2012	12:51	15.85	59.97	0.00	0.00
FG1-MW5s	12/28/2012	12:00	14.05	61.77	0.01	0.00
FG1-MW5s	1/16/2013	10:48	15.78	60.04	0.00	0.00
FG1-MW5s	2/17/2013	11:57	15.94	59.88	0.00	0.00
FG1-MW5s	3/21/2013	11:36	16.50	59.32	0.01	0.00
FG1-MW5s	4/16/2013	14:11	16.09	59.73	-0.01	-0.00
FG1-MW5s	5/30/2013	10:50	16.51	59.31	0.01	0.00
FG1-MW5s	6/17/2013	12:43	17.03	58.79	0.01	0.00
FG1-MW5s	7/16/2013	13:14	17.47	58.35	0.02	0.00
FG1-MW5s	8/22/2013	17:06	17.69	58.13	0.02	0.00
FG1-MW5s	9/9/2013	14:11	16.76	59.06	0.01	0.00
FG1-MW5s	10/7/2013	16:29	16.24	59.58	0.00	0.00
FG1-MW5s	11/14/2013	9:20	16.13	59.69	0.01	0.00
FG1-MW5s	12/17/2013	15:20	16.33	59.49	0.01	0.00
FG1-MW5d	1/30/2012	13:15	15.85	59.78		
FG1-MW5d	2/12/2012	14:01	16.03	59.60		
FG1-MW5d	3/5/2012	13:12	15.93	59.70		
FG1-MW5d	4/5/2012	15:21	16.02	59.61		
FG1-MW5d	5/14/2012	13:03	14.23	61.40		
FG1-MW5d	6/18/2012	12:58	16.15	59.48		
FG1-MW5d	7/9/2012	14:38	16.50	59.13		
FG1-MW5d	8/15/2012	16:10	16.70	58.93		
FG1-MW5d	9/17/2012	13:40	16.53	59.10		
FG1-MW5d	10/20/2012	11:11	14.65	60.98		
FG1-MW5d	12/11/2012	12:51	15.66	59.97		
FG1-MW5d	12/28/2012	12:01	13.87	61.76		
FG1-MW5d	1/16/2013	10:49	15.59	60.04		
FG1-MW5d	2/17/2013	11:58	15.75	59.88		
FG1-MW5d	3/21/2013	11:36	16.32	59.31		
FG1-MW5d	4/16/2013	14:11	15.89	59.74		
FG1-MW5d	5/30/2013	10:50	16.33	59.30		
FG1-MW5d	6/17/2013	12:45	16.85	58.78		
FG1-MW5d	7/16/2013	13:14	17.30	58.33		
FG1-MW5d	8/22/2013	17:06	17.52	58.11		
FG1-MW5d	9/9/2013	14:11	16.58	59.05		
FG1-MW5d	10/7/2013	16:29	16.05	59.58		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
FG1-MW5d	11/14/2013	9:20	15.95	59.68		
FG1-MW5d	12/17/2013	15:20	16.15	59.48		
FG1-MW6s	1/30/2012	13:23	19.52	60.55	0.00	0.00
FG1-MW6s	2/12/2012	13:43	19.32	60.75	-0.01	-0.00
FG1-MW6s	3/5/2012	13:09	19.00	61.07	-0.01	-0.00
FG1-MW6s	4/5/2012	15:15	19.57	60.50	-0.02	-0.00
FG1-MW6s	5/14/2012	12:47	17.88	62.19	0.01	0.00
FG1-MW6s	6/18/2012	12:53	18.76	61.31	-0.02	-0.00
FG1-MW6s	7/9/2012	14:35	16.18	63.89	0.03	0.00
FG1-MW6s	8/15/2012	16:13	13.97	66.10	0.08	0.00
FG1-MW6s	9/17/2012	13:36	19.74	60.33	-0.01	-0.00
FG1-MW6s	10/20/2012	11:09	18.16	61.91	-0.01	-0.00
FG1-MW6s	12/11/2012	12:54	19.48	60.59	0.00	0.00
FG1-MW6s	12/28/2012	12:05	19.25	60.82	0.02	0.00
FG1-MW6s	1/16/2013	10:53	19.34	60.73	0.01	0.00
FG1-MW6s	2/17/2013	12:02	18.91	61.16	0.02	0.00
FG1-MW6s	3/21/2013	11:31	19.68	60.39	0.01	0.00
FG1-MW6s	4/16/2013	14:08	19.04	61.03	0.10	0.01
FG1-MW6s	5/30/2013	10:46	18.08	61.99	0.12	0.01
FG1-MW6s	6/17/2013	12:38	16.47	63.60	0.08	0.00
FG1-MW6s	7/16/2013	13:08	17.82	62.25	0.00	0.00
FG1-MW6s	8/22/2013	17:01	19.95	60.12	-0.01	-0.00
FG1-MW6s	9/9/2013	14:06	17.04	63.03	0.13	0.01
FG1-MW6s	10/7/2013	16:24	16.52	63.55	-0.01	-0.00
FG1-MW6s	11/14/2013	9:27	19.13	60.94	0.01	0.00
FG1-MW6s	12/17/2013	15:16	19.95	60.12	0.00	0.00
FG1-MW6d	1/30/2012	13:25	19.31	60.55		
FG1-MW6d	2/12/2012	13:44	19.10	60.76		
FG1-MW6d	3/5/2012	13:08	18.78	61.08		
FG1-MW6d	4/5/2012	15:17	19.34	60.52		
FG1-MW6d	5/14/2012	12:47	17.68	62.18		
FG1-MW6d	6/18/2012	12:52	18.53	61.33		
FG1-MW6d	7/9/2012	14:34	16.00	63.86		
FG1-MW6d	8/15/2012	16:13	13.84	66.02		
FG1-MW6d	9/17/2012	13:36	19.52	60.34		
FG1-MW6d	10/20/2012	11:09	17.94	61.92		
FG1-MW6d	12/11/2012	12:54	19.27	60.59		
FG1-MW6d	12/28/2012	12:06	19.06	60.80		
FG1-MW6d	1/16/2013	10:54	19.14	60.72		
FG1-MW6d	2/17/2013	12:03	18.72	61.14		
FG1-MW6d	3/21/2013	11:31	19.48	60.38		
FG1-MW6d	4/16/2013	14:08	18.93	60.93		
FG1-MW6d	5/30/2013	10:46	17.99	61.87		
FG1-MW6d	6/17/2013	12:39	16.34	63.52		
FG1-MW6d	7/16/2013	13:08	17.61	62.25		
FG1-MW6d	8/22/2013	17:01	19.73	60.13		
FG1-MW6d	9/9/2013	14:06	16.96	62.90		
FG1-MW6d	10/7/2013	16:24	16.30	63.56		
FG1-MW6d	11/14/2013	9:27	18.93	60.93		
FG1-MW6d	12/17/2013	15:16	19.74	60.12		
FG1-MW7s	1/30/2012	12:55	18.69	60.95	0.00	0.00
FG1-MW7s	2/12/2012	13:23	18.82	60.82	0.01	0.00
FG1-MW7s	3/5/2012	13:06	17.42	62.22	-0.02	-0.00
FG1-MW7s	4/5/2012	15:10	18.70	60.94	0.03	0.00
FG1-MW7s	5/14/2012	12:33	17.49	62.15	-0.01	-0.00
FG1-MW7s	6/18/2012	12:50	17.65	61.99	-0.02	-0.00
FG1-MW7s	7/9/2012	14:27	15.11	64.53	0.07	0.00
FG1-MW7s	8/15/2012	16:16	13.83	65.81	0.08	0.00
FG1-MW7s	9/17/2012	13:27	18.52	61.12	0.01	0.00
FG1-MW7s	10/20/2012	11:02	17.23	62.41	0.05	0.00
FG1-MW7s	12/11/2012	13:00	18.83	60.81	-0.01	-0.00
FG1-MW7s	12/28/2012	12:11	18.67	60.97	0.00	0.00
FG1-MW7s	1/16/2013	10:56	18.65	60.99	0.00	0.00
FG1-MW7s	2/17/2013	11:34	18.01	61.63	0.00	0.00
FG1-MW7s	3/21/2013	11:23	18.59	61.05	0.01	0.00
FG1-MW7s	4/16/2013	14:00	18.31	61.33	-0.01	-0.00
FG1-MW7s	5/30/2013	10:42	17.01	62.63	0.12	0.01
FG1-MW7s	6/17/2013	12:33	15.62	64.02	0.11	0.01
FG1-MW7s	7/16/2013	13:04	16.21	63.43	0.02	0.00
FG1-MW7s	8/22/2013	16:55	18.64	61.00	0.02	0.00
FG1-MW7s	9/9/2013	13:57	16.63	63.01	0.06	0.00
FG1-MW7s	10/7/2013	16:21	16.02	63.62	0.02	0.00
FG1-MW7s	11/14/2013	9:35	18.20	61.44	0.01	0.00
FG1-MW7s	12/17/2013	15:12	19.30	60.34	0.02	0.00
FG1-MW7d	1/30/2012	12:57	18.41	60.95		
FG1-MW7d	2/12/2012	13:24	18.55	60.81		
FG1-MW7d	3/5/2012	13:05	17.12	62.24		
FG1-MW7d	4/5/2012	15:11	18.45	60.91		
FG1-MW7d	5/14/2012	12:34	17.20	62.16		
FG1-MW7d	6/18/2012	12:49	17.35	62.01		
FG1-MW7d	7/9/2012	14:26	14.90	64.46		
FG1-MW7d	8/15/2012	16:17	13.63	65.73		
FG1-MW7d	9/17/2012	13:27	18.25	61.11		
FG1-MW7d	10/20/2012	11:02	17.00	62.36		
FG1-MW7d	12/11/2012	13:00	18.54	60.82		
FG1-MW7d	12/28/2012	12:12	18.39	60.97		
FG1-MW7d	1/16/2013	10:57	18.37	60.99		
FG1-MW7d	2/17/2013	11:35	17.73	61.63		
FG1-MW7d	3/21/2013	11:23	18.32	61.04		
FG1-MW7d	4/16/2013	14:00	18.02	61.34		
FG1-MW7d	5/30/2013	10:42	16.85	62.51		
FG1-MW7d	6/17/2013	12:34	15.45	63.91		
FG1-MW7d	7/16/2013	13:04	15.95	63.41		
FG1-MW7d	8/22/2013	16:55	18.38	60.98		
FG1-MW7d	9/9/2013	13:57	16.41	62.95		
FG1-MW7d	10/7/2013	16:21	15.76	63.60		
FG1-MW7d	11/14/2013	9:35	17.93	61.43		
FG1-MW7d	12/17/2013	15:12	19.04	60.32		
FG1-MW8s	1/30/2012	13:05	18.29	60.53	0.00	0.00
FG1-MW8s	2/12/2012	14:36	18.45	60.37	0.02	0.00
FG1-MW8s	3/5/2012	13:20	17.80	61.02	0.00	0.00
FG1-MW8s	4/5/2012	15:05	18.30	60.52	0.00	0.00
FG1-MW8s	5/14/2012	13:21	16.28	62.54	0.01	0.00
FG1-MW8s	6/18/2012	13:02	18.48	60.34	0.01	0.00
FG1-MW8s	7/9/2012	14:30	18.77	60.05	0.00	0.00
FG1-MW8s	8/15/2012	16:05	18.50	60.32	-0.01	-0.00
FG1-MW8s	9/17/2012	13:30	18.83	59.99	0.02	0.00
FG1-MW8s	10/20/2012	11:06	16.70	62.12	-0.01	-0.00
FG1-MW8s	12/11/2012	12:57	18.01	60.81	0.02	0.00
FG1-MW8s	12/28/2012	12:16	17.02	61.80	-0.01	-0.00
FG1-MW8s	1/16/2013	11:02	17.88	60.94	0.01	0.00
FG1-MW8s	2/17/2013	11:38	17.43	61.39	-0.03	-0.00
FG1-MW8s	3/21/2013	11:26	18.59	60.23	0.03	0.00
FG1-MW8s	4/16/2013	14:16	18.49	60.33	-0.01	-0.00

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
FG1-MW8s	5/30/2013	10:56	18.06	60.76	0.40	0.02
FG1-MW8s	6/17/2013	12:50	18.94	59.88	0.01	0.00
FG1-MW8s	7/16/2013	13:23	19.20	59.62	0.00	0.00
FG1-MW8s	8/22/2013	16:58	19.60	59.22	-0.01	-0.00
FG1-MW8s	9/9/2013	14:02	18.56	60.26	0.03	0.00
FG1-MW8s	10/7/2013	16:35	17.93	60.89	-0.02	-0.00
FG1-MW8s	11/14/2013	9:31	18.13	60.69	0.04	0.00
FG1-MW8s	12/17/2013	15:27	18.50	60.32	0.04	0.00
FG1-MW8d	1/30/2012	13:08	18.02	60.53		
FG1-MW8d	2/12/2012	14:37	18.20	60.35		
FG1-MW8d	3/5/2012	13:19	17.53	61.02		
FG1-MW8d	4/5/2012	15:07	18.03	60.52		
FG1-MW8d	5/14/2012	13:21	16.02	62.53		
FG1-MW8d	6/18/2012	13:01	18.22	60.33		
FG1-MW8d	7/9/2012	14:30	18.50	60.05		
FG1-MW8d	8/15/2012	16:06	18.22	60.33		
FG1-MW8d	9/17/2012	13:30	18.58	59.97		
FG1-MW8d	10/20/2012	11:06	16.42	62.13		
FG1-MW8d	12/11/2012	12:57	17.76	60.79		
FG1-MW8d	12/28/2012	12:17	16.74	61.81		
FG1-MW8d	1/16/2013	11:03	17.62	60.93		
FG1-MW8d	2/17/2013	11:39	17.13	61.42		
FG1-MW8d	3/21/2013	11:26	18.35	60.20		
FG1-MW8d	4/16/2013	14:16	18.21	60.34		
FG1-MW8d	5/30/2013	10:56	18.19	60.36		
FG1-MW8d	6/17/2013	12:51	18.68	59.87		
FG1-MW8d	7/16/2013	13:23	18.93	59.62		
FG1-MW8d	8/22/2013	16:58	19.32	59.23		
FG1-MW8d	9/9/2013	14:02	18.32	60.23		
FG1-MW8d	10/7/2013	16:35	17.64	60.91		
FG1-MW8d	11/14/2013	9:31	17.90	60.65		
FG1-MW8d	12/17/2013	15:27	18.27	60.28		
FG1-MW9s	1/30/2012	13:36	16.95	61.58	0.27	0.02
FG1-MW9s	2/12/2012	14:50	17.21	61.32	0.21	0.01
FG1-MW9s	3/5/2012	13:28	14.91	63.62	1.13	0.06
FG1-MW9s	4/5/2012	15:00	17.19	61.34	0.22	0.01
FG1-MW9s	5/14/2012	11:14	14.68	63.85	0.93	0.05
FG1-MW9s	6/18/2012	12:34	16.28	62.25	0.81	0.05
FG1-MW9s	7/9/2012	14:12	15.82	62.71	1.33	0.07
FG1-MW9s	8/15/2012	16:00	15.88	62.65	1.19	0.07
FG1-MW9s	9/17/2012	13:10	17.38	61.15	0.34	0.02
FG1-MW9s	10/20/2012	10:45	15.78	62.75	0.44	0.02
FG1-MW9s	12/11/2012	12:45	17.29	61.24	0.11	0.01
FG1-MW9s	12/28/2012	12:20	16.63	61.90	-0.12	-0.01
FG1-MW9s	1/16/2013	11:06	17.12	61.41	0.12	0.01
FG1-MW9s	2/17/2013	11:45	13.41	65.12	1.05	0.06
FG1-MW9s	3/21/2013	11:02	17.41	61.12	0.08	0.00
FG1-MW9s	4/16/2013	14:20	17.64	60.89	0.08	0.00
FG1-MW9s	5/30/2013	11:05	16.72	61.81	0.75	0.04
FG1-MW9s	6/17/2013	12:55	17.27	61.26	0.59	0.03
FG1-MW9s	7/16/2013	12:37	17.83	60.70	0.31	0.02
FG1-MW9s	8/22/2013	16:35	18.30	60.23	0.26	0.01
FG1-MW9s	9/9/2013	13:33	17.92	60.61	0.22	0.01
FG1-MW9s	10/7/2013	15:58	16.68	61.85	0.45	0.02
FG1-MW9s	11/14/2013	10:00	17.35	61.18	0.14	0.01
FG1-MW9s	12/17/2013	15:33	17.92	60.61	0.03	0.00
FG1-MW9d	1/30/2012	13:38	17.08	61.31		
FG1-MW9d	2/12/2012	14:51	17.28	61.11		
FG1-MW9d	3/5/2012	13:27	15.90	62.49		
FG1-MW9d	4/5/2012	15:02	17.27	61.12		
FG1-MW9d	5/14/2012	11:15	15.47	62.92		
FG1-MW9d	6/18/2012	12:33	16.95	61.44		
FG1-MW9d	7/9/2012	14:11	17.01	61.38		
FG1-MW9d	8/15/2012	16:01	16.93	61.46		
FG1-MW9d	9/17/2012	13:10	17.58	60.81		
FG1-MW9d	10/20/2012	10:45	16.08	62.31		
FG1-MW9d	12/11/2012	12:45	17.26	61.13		
FG1-MW9d	12/28/2012	12:21	16.37	62.02		
FG1-MW9d	1/16/2013	11:07	17.10	61.29		
FG1-MW9d	2/17/2013	11:46	14.32	64.07		
FG1-MW9d	3/21/2013	10:51	17.35	61.04		
FG1-MW9d	4/16/2013	14:20	17.58	60.81		
FG1-MW9d	5/30/2013	11:05	17.33	61.06		
FG1-MW9d	6/17/2013	12:57	17.72	60.67		
FG1-MW9d	7/16/2013	12:37	18.00	60.39		
FG1-MW9d	8/22/2013	16:35	18.42	59.97		
FG1-MW9d	9/9/2013	13:33	18.00	60.39		
FG1-MW9d	10/7/2013	15:58	16.99	61.40		
FG1-MW9d	11/14/2013	10:00	17.35	61.04		
FG1-MW9d	12/17/2013	15:33	17.81	60.58		
BEA-MW1s	1/30/2012	13:00	21.85	77.85	-0.08	-0.01
BEA-MW1s	2/13/2012	10:37	21.86	77.84	0.11	0.01
BEA-MW1s	3/5/2012	11:30	21.91	77.79	0.15	0.01
BEA-MW1s	4/9/2012	11:34	22.21	77.49	0.23	0.01
BEA-MW1s	5/14/2012	14:50	24.03	75.67	0.30	0.02
BEA-MW1s	6/21/2012	18:20	Dry			
BEA-MW1s	7/11/2012	10:35	Dry			
BEA-MW1s	8/16/2012	12:38	Dry			
BEA-MW1s	9/20/2012	12:33	Dry			
BEA-MW1s	10/20/2012	11:49	Dry			
BEA-MW1s	12/9/2012	15:48	Dry			
BEA-MW1s	12/31/2012	13:30	Q/M			
BEA-MW1s	1/15/2013	14:10	Dry			
BEA-MW1s	2/17/2013	14:09	Dry			
BEA-MW1s	3/22/2013	12:50	Dry			
BEA-MW1s	4/17/2013	13:23	Dry			
BEA-MW1s	6/2/2013	11:33	Dry			
BEA-MW1s	6/17/2013	14:40	Dry			
BEA-MW1s	7/15/2013	16:58	Dry			
BEA-MW1s	8/28/2013	10:04	Dry			
BEA-MW1s	9/9/2013	16:21	Dry			
BEA-MW1s	10/7/2013	15:50	Dry			
BEA-MW1s	11/18/2013	8:21	Dry			
BEA-MW1s	12/17/2013	16:23	Dry			
BEA-MW1d	1/30/2012	13:02	21.53	77.93		
BEA-MW1d	2/13/2012	10:38	21.73	77.73		
BEA-MW1d	3/5/2012	11:32	21.82	77.64		
BEA-MW1d	4/9/2012	11:33	22.20	77.26		
BEA-MW1d	5/14/2012	14:51	24.09	75.37		
BEA-MW1d	6/21/2012	18:21	29.87	69.59		
BEA-MW1d	7/11/2012	10:35	31.86	67.60		
BEA-MW1d	8/16/2012	12:38	34.58	64.88		
BEA-MW1d	9/20/2012	12:33	34.77	64.69		
BEA-MW1d	10/20/2012	11:49	34.68	64.78		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
BEA-MW1d	12/9/2012	15:48	34.25	65.21		
BEA-MW1d	12/31/2012	13:31	32.88	66.58		
BEA-MW1d	1/15/2013	14:10	31.30	68.16		
BEA-MW1d	2/17/2013	14:10	27.20	72.26		
BEA-MW1d	3/22/2013	12:50	28.90	70.56		
BEA-MW1d	4/17/2013	13:23	30.73	68.73		
BEA-MW1d	6/2/2013	11:33	34.80	64.66		
BEA-MW1d	6/17/2013	14:41	36.26	63.20		
BEA-MW1d	7/15/2013	16:58	39.72	59.74		
BEA-MW1d	8/28/2013	10:04	Dry			
BEA-MW1d	9/9/2013	16:21	Dry			
BEA-MW1d	10/7/2013	15:50	Dry			
BEA-MW1d	11/18/2013	8:21	Dry			
BEA-MW1d	12/17/2013	16:23	Dry			
BEA-MW2s	1/30/2012	13:08	19.59	79.53	0.27	0.02
BEA-MW2s	2/13/2012	9:30	20.04	79.08	0.34	0.02
BEA-MW2s	3/5/2012	11:34	20.55	78.57	0.57	0.04
BEA-MW2s	4/9/2012	11:16	20.19	78.93	1.61	0.10
BEA-MW2s	5/14/2012	13:58	23.03	76.09	0.82	0.05
BEA-MW2s	6/21/2012	18:14	Dry			
BEA-MW2s	7/11/2012	10:22	Dry			
BEA-MW2s	8/16/2012	12:50	Dry			
BEA-MW2s	9/20/2012	12:48	Dry			
BEA-MW2s	10/20/2012	11:35	Dry			
BEA-MW2s	12/9/2012	15:58	Dry			
BEA-MW2s	12/31/2012	13:15	Dry			
BEA-MW2s	1/15/2013	14:00	27.71	71.41	-0.01	-0.00
BEA-MW2s	2/17/2013	13:45	25.72	73.40	0.00	0.00
BEA-MW2s	3/22/2013	12:55	27.36	71.76	0.13	0.01
BEA-MW2s	4/17/2013	13:10	Dry			
BEA-MW2s	6/2/2013	11:35	Dry			
BEA-MW2s	6/17/2013	14:25	Dry			
BEA-MW2s	7/15/2013	16:45	Dry			
BEA-MW2s	8/28/2013	9:46	Dry			
BEA-MW2s	9/9/2013	16:05	Dry			
BEA-MW2s	10/7/2013	15:36	Dry			
BEA-MW2s	11/18/2013	8:06	Dry			
BEA-MW2s	12/17/2013	16:03	Dry			
BEA-MW2d	1/30/2012	13:08	19.64	79.26		
BEA-MW2d	2/13/2012	9:31	20.16	78.74		
BEA-MW2d	3/5/2012	11:35	20.90	78.00		
BEA-MW2d	4/9/2012	11:15	21.58	77.32		
BEA-MW2d	5/14/2012	13:59	23.63	75.27		
BEA-MW2d	6/21/2012	18:15	29.40	69.50		
BEA-MW2d	7/11/2012	10:22	31.52	67.38		
BEA-MW2d	8/16/2012	12:51	31.49	67.41		
BEA-MW2d	9/20/2012	12:48	30.69	68.21		
BEA-MW2d	10/20/2012	11:35	30.05	68.85		
BEA-MW2d	12/9/2012	15:58	29.00	69.90		
BEA-MW2d	12/31/2012	13:16	28.15	70.75		
BEA-MW2d	1/15/2013	14:00	27.48	71.42		
BEA-MW2d	2/17/2013	13:46	25.50	73.40		
BEA-MW2d	3/22/2013	12:55	27.27	71.63		
BEA-MW2d	4/17/2013	13:10	28.80	70.10		
BEA-MW2d	6/2/2013	11:36	32.27	66.63		
BEA-MW2d	6/17/2013	14:27	33.40	65.50		
BEA-MW2d	7/15/2013	16:45	35.37	63.53		
BEA-MW2d	8/28/2013	9:46	37.75	61.15		
BEA-MW2d	9/9/2013	16:05	38.28	60.62		
BEA-MW2d	10/7/2013	15:36	38.74	60.16		
BEA-MW2d	11/18/2013	8:06	38.18	60.72		
BEA-MW2d	12/17/2013	16:03	37.22	61.68		
BEA-MW3s	1/30/2012	13:14	17.30	77.93	0.22	0.01
BEA-MW3s	2/13/2012	10:19	17.92	77.31	-0.06	-0.00
BEA-MW3s	3/5/2012	11:37	18.55	76.68	0.04	0.00
BEA-MW3s	4/9/2012	11:30	19.02	76.21	0.08	0.01
BEA-MW3s	5/14/2012	14:35	21.48	73.75	0.13	0.01
BEA-MW3s	6/21/2012	18:08	Dry			
BEA-MW3s	7/11/2012	10:31	Q/M			
BEA-MW3s	8/16/2012	12:41	Dry			
BEA-MW3s	9/20/2012	12:39	Dry			
BEA-MW3s	10/20/2012	11:43	Dry			
BEA-MW3s	12/9/2012	15:55	Dry			
BEA-MW3s	12/31/2012	13:40	Dry			
BEA-MW3s	1/15/2013	14:13	Dry			
BEA-MW3s	2/17/2013	14:00	23.62	71.61	-0.18	-0.01
BEA-MW3s	3/22/2013	12:45	25.90	69.33	0.11	0.01
BEA-MW3s	4/17/2013	13:19	Dry			
BEA-MW3s	6/2/2013	11:30	Dry			
BEA-MW3s	6/17/2013	14:36	Dry			
BEA-MW3s	7/15/2013	16:54	Dry			
BEA-MW3s	8/28/2013	9:58	Dry			
BEA-MW3s	9/9/2013	16:16	Dry			
BEA-MW3s	10/7/2013	15:45	Dry			
BEA-MW3s	11/18/2013	8:16	Dry			
BEA-MW3s	12/17/2013	16:17	Dry			
BEA-MW3d	1/30/2012	13:15	17.43	77.71		
BEA-MW3d	2/13/2012	10:20	17.77	77.37		
BEA-MW3d	3/5/2012	11:39	18.50	76.64		
BEA-MW3d	4/9/2012	11:29	19.01	76.13		
BEA-MW3d	5/14/2012	14:36	21.52	73.62		
BEA-MW3d	6/21/2012	18:10	26.96	68.18		
BEA-MW3d	7/11/2012	10:31	29.63	65.51		
BEA-MW3d	8/16/2012	12:41	33.03	62.11		
BEA-MW3d	9/20/2012	12:39	33.00	62.14		
BEA-MW3d	10/20/2012	11:43	32.82	62.32		
BEA-MW3d	12/9/2012	15:55	31.49	63.65		
BEA-MW3d	12/31/2012	13:41	29.57	65.57		
BEA-MW3d	1/15/2013	14:13	28.20	66.94		
BEA-MW3d	2/17/2013	14:01	23.35	71.79		
BEA-MW3d	3/22/2013	12:45	25.92	69.22		
BEA-MW3d	4/17/2013	13:19	27.34	67.80		
BEA-MW3d	6/2/2013	11:30	31.21	63.93		
BEA-MW3d	6/17/2013	14:37	33.00	62.14		
BEA-MW3d	7/15/2013	16:54	35.48	59.66		
BEA-MW3d	8/28/2013	9:58	39.47	55.67		
BEA-MW3d	9/9/2013	16:16	40.24	54.90		
BEA-MW3d	10/7/2013	15:45	Dry			
BEA-MW3d	11/18/2013	8:16	Dry			
BEA-MW3d	12/17/2013	16:17	39.52	55.62		
BEA-MW4s	1/30/2012	13:28	20.73	78.74	-0.01	-0.00
BEA-MW4s	2/13/2012	9:56	21.96	77.51	-0.05	-0.00
BEA-MW4s	3/5/2012	11:41	26.58	72.89	0.12	0.01
BEA-MW4s	4/9/2012	11:26	25.60	73.87	-0.07	-0.00

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
BEA-MW4s	5/14/2012	14:12	28.63	70.84	-0.11	-0.01
BEA-MW4s	6/21/2012	18:05	32.02	67.45	-0.12	-0.01
BEA-MW4s	7/11/2012	10:27	35.22	64.25	0.17	0.01
BEA-MW4s	8/16/2012	12:47	37.65	61.82	0.09	0.00
BEA-MW4s	9/20/2012	12:43	36.66	62.81	0.11	0.01
BEA-MW4s	10/20/2012	11:39	35.77	63.70	0.16	0.01
BEA-MW4s	12/9/2012	15:51	32.22	67.25	0.00	0.00
BEA-MW4s	12/31/2012	13:36	30.88	68.59	0.00	0.00
BEA-MW4s	1/15/2013	14:06	29.90	69.57	-0.01	-0.00
BEA-MW4s	2/17/2013	13:53	26.80	72.67	0.00	0.00
BEA-MW4s	3/22/2013	12:40	28.80	70.67	0.01	0.00
BEA-MW4s	4/17/2013	13:15	30.49	68.98	0.01	0.00
BEA-MW4s	6/2/2013	11:26	33.78	65.69	0.04	0.00
BEA-MW4s	6/17/2013	14:31	35.16	64.31	-0.01	-0.00
BEA-MW4s	7/15/2013	16:50	Dry			
BEA-MW4s	8/28/2013	9:53	Dry			
BEA-MW4s	9/9/2013	16:11	Dry			
BEA-MW4s	10/7/2013	15:40	Dry			
BEA-MW4s	11/18/2013	8:12	Dry			
BEA-MW4s	12/17/2013	16:10	Dry			
BEA-MW4d	1/30/2012	13:30	20.55	78.75		
BEA-MW4d	2/13/2012	9:57	21.74	77.56		
BEA-MW4d	3/5/2012	11:43	26.53	72.77		
BEA-MW4d	4/9/2012	11:25	25.36	73.94		
BEA-MW4d	5/14/2012	14:14	28.35	70.95		
BEA-MW4d	6/21/2012	18:06	31.73	67.57		
BEA-MW4d	7/11/2012	10:27	35.22	64.08		
BEA-MW4d	8/16/2012	12:47	37.57	61.73		
BEA-MW4d	9/20/2012	12:43	36.60	62.70		
BEA-MW4d	10/20/2012	11:39	35.76	63.54		
BEA-MW4d	12/9/2012	15:51	32.05	67.25		
BEA-MW4d	12/31/2012	13:37	30.71	68.59		
BEA-MW4d	1/15/2013	14:06	29.72	69.58		
BEA-MW4d	2/17/2013	13:54	26.63	72.67		
BEA-MW4d	3/22/2013	12:40	28.64	70.66		
BEA-MW4d	4/17/2013	13:15	30.33	68.97		
BEA-MW4d	6/2/2013	11:26	33.65	65.65		
BEA-MW4d	6/17/2013	14:32	34.98	64.32		
BEA-MW4d	7/15/2013	16:50	39.78	59.52		
BEA-MW4d	8/28/2013	9:53	43.78	55.52		
BEA-MW4d	9/9/2013	16:11	44.27	55.03		
BEA-MW4d	10/7/2013	15:40	41.35	57.95		
BEA-MW4d	11/18/2013	8:12	41.57	57.73		
BEA-MW4d	12/17/2013	16:10	41.28	58.02		
COT-MW1	1/30/2012	10:40	30.35	83.64		
COT-MW1	2/16/2012	11:45	Dry			
COT-MW1	3/5/2012	11:55	30.49	83.50		
COT-MW1	4/9/2012	12:47	30.63	83.36		
COT-MW1	5/15/2012	11:45	Dry			
COT-MW1	6/21/2012	17:44	Dry			
COT-MW1	7/11/2012	10:47	Dry			
COT-MW1	8/16/2012	11:00	Dry			
COT-MW1	9/20/2012	13:04	29.81	84.18		
COT-MW1	10/20/2012	12:02	29.75	84.24		
COT-MW1	12/9/2012	10:02	31.43	84.18		
COT-MW1	12/31/2012	13:55	31.09	84.52		
COT-MW1	1/15/2013	14:30	30.89	84.72		
COT-MW1	2/17/2013	17:43	31.55	84.06		
COT-MW1	3/24/2013	11:10	31.85	83.76		
COT-MW1	4/17/2013	13:45	Dry			
COT-MW1	6/2/2013	8:59	32.60	83.01		
COT-MW1	6/17/2013	14:55	Dry			
COT-MW1	7/16/2013	10:34	33.11	82.50		
COT-MW1	8/28/2013	11:31	Dry			
COT-MW1	9/9/2013	16:41	33.14	82.47		
COT-MW1	10/7/2013	15:59	Dry			
COT-MW1	11/15/2013	8:27	32.13	83.48		
COT-MW1	12/18/2013	13:00	Dry			
COT-MW2	1/30/2012	10:41	24.61	90.76		
COT-MW2	2/16/2012	15:55	24.37	91.00		
COT-MW2	3/5/2012	11:57	24.32	91.05		
COT-MW2	4/9/2012	12:50	24.31	91.06		
COT-MW2	5/15/2012	11:52	25.00	90.37		
COT-MW2	6/21/2012	17:50	25.96	89.41		
COT-MW2	7/11/2012	11:32	27.15	88.22		
COT-MW2	8/16/2012	11:04	Dry			
COT-MW2	9/20/2012	13:38	28.90	86.47		
COT-MW2	10/20/2012	12:29	28.77	86.60		
COT-MW2	12/9/2012	10:09	31.21	85.89		
COT-MW2	12/31/2012	14:09	30.82	86.28		
COT-MW2	1/15/2013	14:59	30.58	86.52		
COT-MW2	2/17/2013	17:49	30.15	86.95		
COT-MW2	3/24/2013	11:07	30.27	86.83		
COT-MW2	4/17/2013	14:23	31.18	85.92		
COT-MW2	6/2/2013	8:55	32.66	84.44		
COT-MW2	6/17/2013	16:55	33.81	83.29		
COT-MW2	7/16/2013	12:25	35.18	81.92		
COT-MW2	8/28/2013	11:26	35.31	81.79		
COT-MW2	9/9/2013	16:36	35.05	82.05		
COT-MW2	10/7/2013	16:02	34.25	82.85		
COT-MW2	11/15/2013	8:33	34.20	82.90		
COT-MW2	12/18/2013	13:04	34.02	83.08		
COT-MW3	1/30/2012	10:43	17.39	95.39		
COT-MW3	2/16/2012	15:08	17.45	95.33		
COT-MW3	3/5/2012	12:00	17.36	95.42		
COT-MW3	4/9/2012	12:55	18.10	94.68		
COT-MW3	5/15/2012	12:14	18.79	93.99		
COT-MW3	6/21/2012	17:38	18.08	94.70		
COT-MW3	7/11/2012	11:37	19.55	93.23		
COT-MW3	8/16/2012	11:08	19.05	93.73		
COT-MW3	9/20/2012	13:41	19.00	93.78		
COT-MW3	10/20/2012	12:35	20.10	92.68		
COT-MW3	12/9/2012	9:35	22.63	92.24		
COT-MW3	12/31/2012	14:23	22.35	92.52		
COT-MW3	1/15/2013	15:03	22.12	92.75		
COT-MW3	2/17/2013	15:37	21.50	93.37		
COT-MW3	3/24/2013	11:00	21.32	93.55		
COT-MW3	4/17/2013	14:30	22.28	92.59		
COT-MW3	6/2/2013	10:09	23.91	90.96		
COT-MW3	6/17/2013	16:08	24.31	90.56		
COT-MW3	7/16/2013	11:40	25.26	89.61		
COT-MW3	8/28/2013	12:11	26.33	88.54		
COT-MW3	9/9/2013	17:17	26.58	88.29		
COT-MW3	10/7/2013	16:53	27.32	87.55		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
COT-MW3	11/15/2013	8:42	27.90	86.97		
COT-MW3	12/18/2013	13:17	27.93	86.94		
COT-MW4	1/30/2012	10:47	21.29	91.19		
COT-MW4	2/16/2012	15:34	21.42	91.06		
COT-MW4	3/5/2012	12:05	20.71	91.77		
COT-MW4	4/9/2012	12:42	21.12	91.36		
COT-MW4	5/15/2012	11:35	21.29	91.19		
COT-MW4	6/21/2012	17:10	21.64	90.84		
COT-MW4	7/11/2012	11:25	22.12	90.36		
COT-MW4	8/16/2012	11:40	23.00	89.48		
COT-MW4	9/20/2012	13:33	22.88	89.60		
COT-MW4	10/20/2012	12:27	22.65	89.83		
COT-MW4	12/9/2012	10:14	24.90	89.59		
COT-MW4	12/31/2012	14:05	24.71	89.78		
COT-MW4	1/15/2013	14:55	24.55	89.94		
COT-MW4	2/17/2013	15:18	24.64	89.85		
COT-MW4	3/24/2013	11:04	25.83	88.66		
COT-MW4	4/17/2013	14:18	26.48	88.01		
COT-MW4	6/2/2013	9:37	27.60	86.89		
COT-MW4	6/17/2013	15:57	27.06	87.43		
COT-MW4	7/16/2013	12:05	27.48	87.01		
COT-MW4	8/28/2013	11:58	28.31	86.18		
COT-MW4	9/9/2013	17:04	28.63	85.86		
COT-MW4	10/7/2013	16:05	28.61	85.88		
COT-MW4	11/15/2013	8:39	28.63	85.86		
COT-MW4	12/18/2013	13:08	28.93	85.56		
COT-MW5	1/30/2012	10:50	16.64	93.03		
COT-MW5	2/16/2012	14:41	17.00	92.67		
COT-MW5	3/5/2012	12:06	16.57	93.10		
COT-MW5	4/9/2012	12:37	16.70	92.97		
COT-MW5	5/15/2012	11:19	17.41	92.26		
COT-MW5	6/21/2012	17:07	16.77	92.90		
COT-MW5	7/11/2012	11:18	16.23	93.44		
COT-MW5	8/16/2012	11:33	15.50	94.17		
COT-MW5	9/20/2012	13:29	15.20	94.47		
COT-MW5	10/20/2012	12:24	15.21	94.46		
COT-MW5	12/9/2012	10:19	18.93	93.34		
COT-MW5	12/31/2012	14:20	18.74	93.53		
COT-MW5	1/15/2013	14:52	18.33	93.94		
COT-MW5	2/17/2013	15:05	19.57	92.70		
COT-MW5	3/24/2013	11:20	20.33	91.94		
COT-MW5	4/17/2013	14:15	20.88	91.39		
COT-MW5	6/2/2013	9:57	22.30	89.97		
COT-MW5	6/17/2013	15:47	23.05	89.22		
COT-MW5	7/16/2013	12:04	23.71	88.56		
COT-MW5	8/28/2013	12:03	23.83	88.44		
COT-MW5	9/9/2013	17:11	23.98	88.29		
COT-MW5	10/7/2013	16:09	24.52	87.75		
COT-MW5	11/15/2013	8:47	24.95	87.32		
COT-MW5	12/18/2013	13:11	25.11	87.16		
COT-MW6	1/30/2012	10:51	16.24	92.98		
COT-MW6	2/16/2012	14:16	16.53	92.69		
COT-MW6	3/5/2012	12:08	16.36	92.86		
COT-MW6	4/9/2012	12:35	16.73	92.49		
COT-MW6	5/15/2012	11:07	17.24	91.98		
COT-MW6	6/21/2012	17:05	17.20	92.02		
COT-MW6	7/11/2012	11:16	16.48	92.74		
COT-MW6	8/16/2012	11:30	16.16	93.06		
COT-MW6	9/20/2012	13:27	15.95	93.27		
COT-MW6	10/20/2012	12:21	15.18	94.04		
COT-MW6	12/9/2012	10:22	17.31	94.02		
COT-MW6	12/31/2012	14:15	17.06	94.27		
COT-MW6	1/15/2013	14:49	16.64	94.69		
COT-MW6	2/17/2013	15:02	18.19	93.14		
COT-MW6	3/24/2013	11:30	19.20	92.13		
COT-MW6	4/17/2013	14:12	19.67	91.66		
COT-MW6	6/2/2013	10:02	20.99	90.34		
COT-MW6	6/17/2013	15:45	21.86	89.47		
COT-MW6	7/16/2013	12:00	22.75	88.58		
COT-MW6	8/28/2013	12:06	22.93	88.40		
COT-MW6	9/9/2013	17:14	23.00	88.33		
COT-MW6	10/7/2013	16:14	23.21	88.12		
COT-MW6	11/15/2013	8:49	23.60	87.73		
COT-MW6	12/18/2013	13:14	23.86	87.47		
COT-MW7	1/30/2012	10:55	12.19	96.17		
COT-MW7	2/16/2012	12:41	11.80	96.56		
COT-MW7	3/5/2012	12:11	12.35	96.01		
COT-MW7	4/9/2012	13:03	11.98	96.38		
COT-MW7	5/15/2012	12:33	13.42	94.94		
COT-MW7	6/21/2012	16:57	21.26	87.10		
COT-MW7	7/11/2012	11:41	22.09	86.27		
COT-MW7	8/16/2012	11:22	19.69	88.67		
COT-MW7	9/20/2012	13:45	19.54	88.82		
COT-MW7	10/20/2012	12:40	9.75	98.61		
COT-MW7	12/9/2012	9:41	11.39	98.90		
COT-MW7	12/31/2012	14:34	11.30	98.99		
COT-MW7	1/15/2013	15:08	11.19	99.10		
COT-MW7	2/17/2013	18:09	12.93	97.36		
COT-MW7	3/24/2013	11:32	14.34	95.95		
COT-MW7	4/17/2013	14:35	12.90	97.39		
COT-MW7	6/2/2013	10:42	14.15	96.14		
COT-MW7	6/17/2013	15:30	14.29	96.00		
COT-MW7	7/16/2013	11:20	23.69	86.60		
COT-MW7	8/28/2013	12:41	19.27	91.02		
COT-MW7	9/9/2013	17:28	16.87	93.42		
COT-MW7	10/7/2013	16:48	16.58	93.71		
COT-MW7	11/15/2013	9:32	17.47	92.82		
COT-MW7	12/18/2013	13:50	17.51	92.78		
COT-MW8	1/30/2012	10:56	14.01	93.46		
COT-MW8	2/16/2012	13:43	14.87	92.60		
COT-MW8	3/5/2012	12:12	15.31	92.16		
COT-MW8	4/9/2012	13:08	15.34	92.13		
COT-MW8	5/15/2012	12:45	11.12	96.35		
COT-MW8	6/21/2012	16:54	11.97	95.50		
COT-MW8	7/11/2012	11:50	12.84	94.63		
COT-MW8	8/16/2012	11:19	9.20	98.27		
COT-MW8	9/20/2012	13:54	9.00	98.47		
COT-MW8	10/20/2012	12:58	9.11	98.36		
COT-MW8	12/9/2012	9:55	14.37	94.40		
COT-MW8	12/31/2012	14:47	14.64	94.13		
COT-MW8	1/15/2013	15:12	14.48	94.29		
COT-MW8	2/17/2013	17:55	13.90	94.87		
COT-MW8	3/24/2013	11:36	14.15	94.62		
COT-MW8	4/17/2013	14:00	13.28	95.49		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
COT-MW8	6/2/2013	10:35	12.75	96.02		
COT-MW8	6/17/2013	15:20	9.62	99.15		
COT-MW8	7/16/2013	10:53	10.30	98.47		
COT-MW8	8/28/2013	12:35	15.37	93.40		
COT-MW8	9/9/2013	17:32	14.75	94.02		
COT-MW8	10/7/2013	16:38	15.38	93.39		
COT-MW8	11/15/2013	9:19	17.58	91.19		
COT-MW8	12/18/2013	14:00	17.66	91.11		
COT-MW9	1/30/2012	10:59	10.62	97.26		
COT-MW9	2/16/2012	12:11	8.56	99.32		
COT-MW9	3/5/2012	12:14	8.80	99.08		
COT-MW9	4/9/2012	13:15	12.23	95.65		
COT-MW9	5/15/2012	13:22	11.01	96.87		
COT-MW9	6/21/2012	17:00	13.05	94.83		
COT-MW9	7/11/2012	11:59	14.72	93.16		
COT-MW9	8/16/2012	11:11	13.06	94.82		
COT-MW9	9/20/2012	13:49	13.55	94.33		
COT-MW9	10/20/2012	12:46	13.72	94.16		
COT-MW9	12/9/2012	9:46	15.27	94.30		
COT-MW9	12/31/2012	14:30	14.75	94.82		
COT-MW9	1/15/2013	15:21	13.43	96.14		
COT-MW9	2/17/2013	16:38	9.49	100.08		
COT-MW9	3/24/2013	11:48	14.32	95.25		
COT-MW9	4/17/2013	14:46	14.00	95.57		
COT-MW9	6/2/2013	10:19	11.25	98.32		
COT-MW9	6/17/2013	15:36	11.33	98.24		
COT-MW9	7/16/2013	11:25	13.08	96.49		
COT-MW9	8/28/2013	12:23	16.59	92.98		
COT-MW9	9/9/2013	17:23	17.74	91.83		
COT-MW9	10/7/2013	16:44	16.83	92.74		
COT-MW9	11/15/2013	9:27	17.68	91.89		
COT-MW9	12/18/2013	14:11	17.74	91.83		
COT-MW10	1/30/2012	11:02	6.84	96.33		
COT-MW10	2/16/2012	13:09	5.14	98.03		
COT-MW10	3/5/2012	12:18	5.44	97.73		
COT-MW10	4/9/2012	13:12	7.28	95.89		
COT-MW10	5/15/2012	13:00	7.32	95.85		
COT-MW10	6/21/2012	16:50	9.00	94.17		
COT-MW10	7/11/2012	11:55	11.04	92.13		
COT-MW10	8/16/2012	11:14	7.99	95.18		
COT-MW10	9/20/2012	13:52	9.11	94.06		
COT-MW10	10/20/2012	12:51	10.23	92.94		
COT-MW10	12/9/2012	9:50	10.15	94.65		
COT-MW10	12/31/2012	14:42	9.51	95.29		
COT-MW10	1/15/2013	15:16	8.23	96.57		
COT-MW10	2/17/2013	17:09	7.49	97.31		
COT-MW10	3/24/2013	11:40	10.40	94.40		
COT-MW10	4/17/2013	14:42	11.00	93.80		
COT-MW10	6/2/2013	10:29	11.90	92.90		
COT-MW10	6/17/2013	15:24	11.10	93.70		
COT-MW10	7/16/2013	11:00	10.95	93.85		
COT-MW10	8/28/2013	12:30	12.85	91.95		
COT-MW10	9/9/2013	17:37	13.76	91.04		
COT-MW10	10/7/2013	16:40	15.21	89.59		
COT-MW10	11/15/2013	9:22	15.90	88.90		
COT-MW10	12/18/2013	14:06	16.08	88.72		
COT-MW11s	1/30/2012	11:04	23.83	88.46	-0.02	-0.00
COT-MW11s	2/13/2012	13:25	24.12	88.17	0.04	0.00
COT-MW11s	3/5/2012	12:21	24.24	88.05	0.12	0.01
COT-MW11s	4/9/2012	12:01	25.66	86.63	0.10	0.01
COT-MW11s	5/15/2012	9:49	25.38	86.91	0.13	0.01
COT-MW11s	6/21/2012	17:22	24.75	87.54	0.12	0.01
COT-MW11s	7/11/2012	10:52	Dry			
COT-MW11s	8/16/2012	11:44	22.20	90.09	0.62	0.05
COT-MW11s	9/20/2012	13:09	21.13	91.16	0.22	0.02
COT-MW11s	10/20/2012	12:06	18.64	93.65	0.16	0.01
COT-MW11s	12/9/2012	10:41	19.14	93.15	0.21	0.02
COT-MW11s	12/31/2012	14:00	18.86	93.43	0.39	0.03
COT-MW11s	1/15/2013	14:34	19.58	92.71	0.12	0.01
COT-MW11s	2/17/2013	14:45	22.83	89.46	-0.02	-0.00
COT-MW11s	3/24/2013	10:55	21.70	90.59	1.65	0.13
COT-MW11s	4/17/2013	13:50	25.05	87.24	0.04	0.00
COT-MW11s	6/2/2013	9:29	18.21	94.08	6.95	0.53
COT-MW11s	6/17/2013	15:00	25.47	86.82	0.61	0.05
COT-MW11s	7/16/2013	10:39	18.69	93.60	8.25	0.63
COT-MW11s	8/28/2013	11:45	27.06	85.23	0.19	0.01
COT-MW11s	9/9/2013	16:54	26.50	85.79	0.08	0.01
COT-MW11s	10/7/2013	16:22	26.55	85.74	0.06	0.00
COT-MW11s	11/15/2013	8:55	Dry			
COT-MW11s	12/18/2013	13:23	Dry			
COT-MW11d	1/30/2012	11:07	23.60	88.48		
COT-MW11d	2/13/2012	13:26	23.95	88.13		
COT-MW11d	3/5/2012	12:25	24.15	87.93		
COT-MW11d	4/9/2012	12:00	25.55	86.53		
COT-MW11d	5/15/2012	9:50	25.30	86.78		
COT-MW11d	6/21/2012	17:22	24.66	87.42		
COT-MW11d	7/11/2012	10:51	23.48	88.60		
COT-MW11d	8/16/2012	11:44	22.61	89.47		
COT-MW11d	9/20/2012	13:09	21.14	90.94		
COT-MW11d	10/20/2012	12:06	18.59	93.49		
COT-MW11d	12/9/2012	10:41	19.14	92.94		
COT-MW11d	12/31/2012	14:01	19.04	93.04		
COT-MW11d	1/15/2013	14:34	19.49	92.59		
COT-MW11d	2/17/2013	14:46	22.60	89.48		
COT-MW11d	3/24/2013	10:55	23.14	88.94		
COT-MW11d	4/17/2013	13:50	24.88	87.20		
COT-MW11d	6/2/2013	9:29	24.95	87.13		
COT-MW11d	6/17/2013	15:02	25.87	86.21		
COT-MW11d	7/16/2013	10:40	26.73	85.35		
COT-MW11d	8/28/2013	11:45	27.04	85.04		
COT-MW11d	9/9/2013	16:54	26.37	85.71		
COT-MW11d	10/7/2013	16:22	26.40	85.68		
COT-MW11d	11/15/2013	8:55	27.48	84.60		
COT-MW11d	12/18/2013	13:23	28.14	83.94		
COT-MW12s	1/30/2012	11:14	24.10	88.55	-0.03	-0.00
COT-MW12s	2/13/2012	14:00	24.44	88.21	0.00	0.00
COT-MW12s	3/5/2012	12:27	25.09	87.56	-0.01	-0.00
COT-MW12s	4/9/2012	12:06	26.79	85.86	0.17	0.01
COT-MW12s	5/15/2012	10:06	26.27	86.38	-0.06	-0.00
COT-MW12s	6/21/2012	17:24	25.47	87.18	0.31	0.02
COT-MW12s	7/11/2012	10:54	24.87	87.78	0.28	0.01
COT-MW12s	8/16/2012	11:48	23.80	88.85	0.06	0.00
COT-MW12s	9/20/2012	13:12	20.13	92.52	0.17	0.01
COT-MW12s	10/20/2012	12:09	18.24	94.41	0.10	0.00

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
COT-MW12s	12/9/2012	10:37	19.06	93.59	0.00	0.00
COT-MW12s	12/31/2012	14:54	19.42	93.23	0.01	0.00
COT-MW12s	1/15/2013	14:37	19.62	93.03	0.01	0.00
COT-MW12s	2/17/2013	14:35	23.02	89.63	-0.06	-0.00
COT-MW12s	3/24/2013	10:52	24.48	88.17	0.10	0.00
COT-MW12s	4/17/2013	13:53	25.69	86.96	0.07	0.00
COT-MW12s	6/2/2013	9:20	25.86	86.79	0.32	0.02
COT-MW12s	6/17/2013	15:05	27.63	85.02	0.28	0.01
COT-MW12s	7/16/2013	10:43	28.82	83.83	0.29	0.01
COT-MW12s	8/28/2013	11:42	28.70	83.95	0.38	0.02
COT-MW12s	9/9/2013	16:46	27.94	84.71	0.00	0.00
COT-MW12s	10/7/2013	16:27	27.51	85.14	0.05	0.00
COT-MW12s	11/15/2013	8:59	28.74	83.91	0.07	0.00
COT-MW12s	12/18/2013	13:27	28.83	83.82	0.02	0.00
COT-MW12d	1/30/2012	11:15	23.89	88.58		
COT-MW12d	2/13/2012	14:01	24.26	88.21		
COT-MW12d	3/5/2012	12:30	24.90	87.57		
COT-MW12d	4/9/2012	12:05	26.78	85.69		
COT-MW12d	5/15/2012	10:07	26.03	86.44		
COT-MW12d	6/21/2012	17:25	25.60	86.87		
COT-MW12d	7/11/2012	10:54	24.97	87.50		
COT-MW12d	8/16/2012	11:48	23.68	88.79		
COT-MW12d	9/20/2012	13:12	20.12	92.35		
COT-MW12d	10/20/2012	12:09	18.16	94.31		
COT-MW12d	12/9/2012	10:37	18.88	93.59		
COT-MW12d	12/31/2012	14:55	19.25	93.22		
COT-MW12d	1/15/2013	14:37	19.45	93.02		
COT-MW12d	2/17/2013	14:36	22.78	89.69		
COT-MW12d	3/24/2013	10:53	24.40	88.07		
COT-MW12d	4/17/2013	13:53	25.58	86.89		
COT-MW12d	6/2/2013	9:20	26.00	86.47		
COT-MW12d	6/17/2013	15:06	27.73	84.74		
COT-MW12d	7/16/2013	10:44	28.93	83.54		
COT-MW12d	8/28/2013	11:42	28.90	83.57		
COT-MW12d	9/9/2013	16:46	27.76	84.71		
COT-MW12d	10/7/2013	16:27	27.38	85.09		
COT-MW12d	11/15/2013	8:59	28.63	83.84		
COT-MW12d	12/18/2013	13:27	28.67	83.80		
COT-MW13s	1/30/2012	11:17	25.33	89.70	0.45	0.02
COT-MW13s	2/13/2012	14:43	25.10	89.93	0.52	0.03
COT-MW13s	3/5/2012	12:33	26.15	88.88	0.45	0.02
COT-MW13s	4/9/2012	12:13	27.49	87.54	0.59	0.03
COT-MW13s	5/15/2012	10:30	27.63	87.40	0.39	0.02
COT-MW13s	6/21/2012	17:27	27.08	87.95	0.61	0.03
COT-MW13s	7/11/2012	10:57	25.72	89.31	0.54	0.03
COT-MW13s	8/16/2012	11:52	26.19	88.84	0.38	0.02
COT-MW13s	9/20/2012	13:17	24.08	90.95	0.38	0.02
COT-MW13s	10/20/2012	12:11	20.68	94.35	0.43	0.02
COT-MW13s	12/9/2012	10:33	21.04	93.99	0.46	0.02
COT-MW13s	12/31/2012	14:51	21.32	93.71	0.47	0.02
COT-MW13s	1/15/2013	14:39	21.39	93.64	0.45	0.02
COT-MW13s	2/17/2013	14:40	24.00	91.03	0.50	0.02
COT-MW13s	3/24/2013	10:57	26.00	89.03	0.44	0.02
COT-MW13s	4/17/2013	13:56	26.77	88.26	0.44	0.02
COT-MW13s	6/2/2013	9:16	26.39	88.64	0.62	0.03
COT-MW13s	6/17/2013	15:08	28.44	86.59	0.62	0.03
COT-MW13s	7/16/2013	10:47	29.97	85.06	0.58	0.03
COT-MW13s	8/28/2013	11:36	30.14	84.89	0.63	0.03
COT-MW13s	9/9/2013	16:50	29.84	85.19	0.40	0.02
COT-MW13s	10/7/2013	16:30	29.13	85.90	0.46	0.02
COT-MW13s	11/15/2013	9:04	29.48	85.55	0.49	0.02
COT-MW13s	12/18/2013	13:31	29.44	85.59	0.48	0.02
COT-MW13d	1/30/2012	11:19	25.19	89.25		
COT-MW13d	2/13/2012	14:44	25.03	89.41		
COT-MW13d	3/5/2012	12:39	26.01	88.43		
COT-MW13d	4/9/2012	12:12	27.49	86.95		
COT-MW13d	5/15/2012	10:32	27.43	87.01		
COT-MW13d	6/21/2012	17:28	27.10	87.34		
COT-MW13d	7/11/2012	10:57	25.67	88.77		
COT-MW13d	8/16/2012	11:52	25.98	88.46		
COT-MW13d	9/20/2012	13:17	23.87	90.57		
COT-MW13d	10/20/2012	12:11	20.52	93.92		
COT-MW13d	12/9/2012	10:33	20.91	93.53		
COT-MW13d	12/31/2012	14:52	21.20	93.24		
COT-MW13d	1/15/2013	14:39	21.25	93.19		
COT-MW13d	2/17/2013	14:41	23.91	90.53		
COT-MW13d	3/24/2013	10:58	25.85	88.59		
COT-MW13d	4/17/2013	13:56	26.62	87.82		
COT-MW13d	6/2/2013	9:16	26.42	88.02		
COT-MW13d	6/17/2013	15:09	28.47	85.97		
COT-MW13d	7/16/2013	10:48	29.96	84.48		
COT-MW13d	8/28/2013	11:36	30.18	84.26		
COT-MW13d	9/9/2013	16:50	29.65	84.79		
COT-MW13d	10/7/2013	16:30	29.00	85.44		
COT-MW13d	11/15/2013	9:04	29.38	85.06		
COT-MW13d	12/18/2013	13:31	29.33	85.11		
COT-MW14s	1/30/2012	11:24	25.30	90.25	-0.03	-0.00
COT-MW14s	2/13/2012	15:25	26.16	89.39	-1.02	-0.05
COT-MW14s	3/5/2012	12:41	25.94	89.61	-0.04	-0.00
COT-MW14s	4/9/2012	12:28	27.08	88.47	0.08	0.00
COT-MW14s	5/15/2012	10:49	27.47	88.08	-0.03	-0.00
COT-MW14s	6/21/2012	17:30	27.93	87.62	0.02	0.00
COT-MW14s	7/11/2012	11:11	27.25	88.30	-0.01	-0.00
COT-MW14s	8/16/2012	11:59	27.60	87.95	-0.04	-0.00
COT-MW14s	9/20/2012	13:21	25.39	90.16	0.07	0.00
COT-MW14s	10/20/2012	12:16	22.45	93.10	-0.04	-0.00
COT-MW14s	12/9/2012	10:28	22.29	93.26	-0.01	-0.00
COT-MW14s	12/31/2012	15:05	22.26	93.29	-0.02	-0.00
COT-MW14s	1/15/2013	14:43	22.44	93.11	0.06	0.00
COT-MW14s	2/17/2013	17:13	24.61	90.94	-0.02	-0.00
COT-MW14s	3/24/2013	11:00	26.29	89.26	-0.05	-0.00
COT-MW14s	4/17/2013	14:07	27.07	88.48	-0.03	-0.00
COT-MW14s	6/2/2013	9:45	28.24	87.31	0.03	0.00
COT-MW14s	6/17/2013	15:13	29.94	85.61	0.02	0.00
COT-MW14s	7/16/2013	12:20	31.49	84.06	0.00	0.00
COT-MW14s	8/28/2013	11:50	31.05	84.50	0.01	0.00
COT-MW14s	9/9/2013	16:58	30.54	85.01	0.00	0.00
COT-MW14s	10/7/2013	16:33	30.38	85.17	0.07	0.00
COT-MW14s	11/15/2013	9:13	30.24	85.31	-0.02	-0.00
COT-MW14s	12/18/2013	13:41	30.18	85.37	0.12	0.01
COT-MW14d	1/30/2012	11:28	24.98	90.28		
COT-MW14d	2/13/2012	15:26	24.85	90.41		
COT-MW14d	3/5/2012	12:45	25.61	89.65		
COT-MW14d	4/9/2012	12:27	26.87	88.39		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
COT-MW14d	5/15/2012	10:50	27.15	88.11		
COT-MW14d	6/21/2012	17:30	27.66	87.60		
COT-MW14d	7/11/2012	11:11	26.95	88.31		
COT-MW14d	8/16/2012	11:59	27.27	87.99		
COT-MW14d	9/20/2012	13:21	25.17	90.09		
COT-MW14d	10/20/2012	12:16	22.12	93.14		
COT-MW14d	12/9/2012	10:28	21.99	93.27		
COT-MW14d	12/31/2012	15:06	21.95	93.31		
COT-MW14d	1/15/2013	14:43	22.21	93.05		
COT-MW14d	2/17/2013	17:14	24.30	90.96		
COT-MW14d	3/24/2013	11:00	25.95	89.31		
COT-MW14d	4/17/2013	14:07	26.75	88.51		
COT-MW14d	6/2/2013	9:45	27.98	87.28		
COT-MW14d	6/17/2013	15:14	29.67	85.59		
COT-MW14d	7/16/2013	12:22	31.20	84.06		
COT-MW14d	8/28/2013	11:50	30.77	84.49		
COT-MW14d	9/9/2013	16:58	30.25	85.01		
COT-MW14d	10/7/2013	16:33	30.16	85.10		
COT-MW14d	11/15/2013	9:13	29.93	85.33		
COT-MW14d	12/18/2013	13:41	30.01	85.25		
SAN-MW1s	1/30/2012	11:45	22.36	93.87	-0.06	-0.00
SAN-MW1s	2/13/2012	13:55	23.52	92.71	0.21	0.01
SAN-MW1s	3/5/2012	12:55	23.46	92.77	0.76	0.04
SAN-MW1s	4/9/2012	13:51	24.90	91.33	0.84	0.04
SAN-MW1s	5/15/2012	12:57	23.70	92.53	0.85	0.04
SAN-MW1s	6/21/2012	16:08	Dry			
SAN-MW1s	7/11/2012	12:24	Dry			
SAN-MW1s	8/16/2012	11:47	Dry			
SAN-MW1s	9/20/2012	14:29	Dry			
SAN-MW1s	10/20/2012	13:24	Dry			
SAN-MW1s	12/9/2012	9:10	Dry			
SAN-MW1s	12/31/2012	15:24	Dry			
SAN-MW1s	1/16/2013	9:35	Dry			
SAN-MW1s	2/17/2013	16:08	25.00	91.23	0.04	0.00
SAN-MW1s	3/24/2013	9:48	Dry			
SAN-MW1s	4/17/2013	15:03	24.93	91.30	0.14	0.01
SAN-MW1s	6/2/2013	14:40	Dry			
SAN-MW1s	6/17/2013	16:28	Dry			
SAN-MW1s	7/16/2013	12:45	Dry			
SAN-MW1s	8/28/2013	15:30	Dry			
SAN-MW1s	9/9/2013	17:56	Dry			
SAN-MW1s	10/7/2013	17:12	Dry			
SAN-MW1s	11/18/2013	10:44	Dry			
SAN-MW1s	12/18/2013	14:39	Dry			
SAN-MW1d	1/30/2012	11:46	22.10	93.93		
SAN-MW1d	2/13/2012	13:56	23.53	92.50		
SAN-MW1d	3/5/2012	12:56	24.02	92.01		
SAN-MW1d	4/9/2012	13:50	25.54	90.49		
SAN-MW1d	5/15/2012	12:58	24.35	91.68		
SAN-MW1d	6/21/2012	16:08	27.30	88.73		
SAN-MW1d	7/11/2012	12:24	28.00	88.03		
SAN-MW1d	8/16/2012	11:47	29.73	86.30		
SAN-MW1d	9/20/2012	14:29	30.00	86.03		
SAN-MW1d	10/20/2012	13:24	30.11	85.92		
SAN-MW1d	12/9/2012	9:10	29.19	86.84		
SAN-MW1d	12/31/2012	15:25	28.03	88.00		
SAN-MW1d	1/16/2013	9:36	26.96	89.07		
SAN-MW1d	2/17/2013	16:09	24.84	91.19		
SAN-MW1d	3/24/2013	9:48	25.71	90.32		
SAN-MW1d	4/17/2013	15:03	24.87	91.16		
SAN-MW1d	6/2/2013	14:40	28.35	87.68		
SAN-MW1d	6/17/2013	16:29	28.35	87.68		
SAN-MW1d	7/16/2013	12:46	31.18	84.85		
SAN-MW1d	8/28/2013	15:30	32.95	83.08		
SAN-MW1d	9/9/2013	17:56	32.94	83.09		
SAN-MW1d	10/7/2013	17:12	32.53	83.50		
SAN-MW1d	11/18/2013	10:44	31.60	84.43		
SAN-MW1d	12/18/2013	14:39	31.66	84.37		
SAN-MW2s	1/30/2012	11:50	Dry			
SAN-MW2s	2/13/2012	12:31	Dry			
SAN-MW2s	3/5/2012	12:59	Dry			
SAN-MW2s	4/9/2012	14:29	Dry			
SAN-MW2s	5/15/2012	12:07	Dry			
SAN-MW2s	6/21/2012	16:17	Dry			
SAN-MW2s	7/11/2012	12:36	Dry			
SAN-MW2s	8/16/2012	11:30	Dry			
SAN-MW2s	9/20/2012	14:48	Dry			
SAN-MW2s	10/20/2012	13:42	Dry			
SAN-MW2s	12/9/2012	9:05	Dry			
SAN-MW2s	12/31/2012	15:45	Dry			
SAN-MW2s	1/16/2013	9:23	Dry			
SAN-MW2s	2/17/2013	16:26	Dry			
SAN-MW2s	3/24/2013	9:45	Dry			
SAN-MW2s	4/17/2013	15:20	Dry			
SAN-MW2s	6/2/2013	14:30	Dry			
SAN-MW2s	6/17/2013	16:36	Dry			
SAN-MW2s	7/16/2013	12:53	Dry			
SAN-MW2s	8/28/2013	15:16	Dry			
SAN-MW2s	9/9/2013	18:11	Dry			
SAN-MW2s	10/7/2013	17:29	Dry			
SAN-MW2s	11/18/2013	10:37	Dry			
SAN-MW2s	12/18/2013	14:57	Dry			
SAN-MW2d	1/30/2012	11:52	29.29	89.62		
SAN-MW2d	2/13/2012	12:32	29.26	89.65		
SAN-MW2d	3/5/2012	13:01	30.42	88.49		
SAN-MW2d	4/9/2012	14:28	30.96	87.95		
SAN-MW2d	5/15/2012	12:08	31.23	87.68		
SAN-MW2d	6/21/2012	16:18	34.16	84.75		
SAN-MW2d	7/11/2012	12:35	34.89	84.02		
SAN-MW2d	8/16/2012	11:30	40.09	78.82		
SAN-MW2d	9/20/2012	14:48	40.13	78.78		
SAN-MW2d	10/20/2012	13:42	40.09	78.82		
SAN-MW2d	12/9/2012	9:05	34.85	84.06		
SAN-MW2d	12/31/2012	15:46	33.14	85.77		
SAN-MW2d	1/16/2013	9:24	32.25	86.66		
SAN-MW2d	2/17/2013	16:28	31.85	87.06		
SAN-MW2d	3/24/2013	9:45	35.00	83.91		
SAN-MW2d	4/17/2013	15:20	34.43	84.48		
SAN-MW2d	6/2/2013	14:31	37.71	81.20		
SAN-MW2d	6/17/2013	16:37	39.36	79.55		
SAN-MW2d	7/16/2013	12:54	41.50	77.41		
SAN-MW2d	8/28/2013	15:16	43.25	75.66		
SAN-MW2d	9/9/2013	18:11	43.40	75.51		
SAN-MW2d	10/7/2013	17:29	42.64	76.27		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
SAN-MW2d	11/18/2013	10:37	41.35	77.56		
SAN-MW2d	12/18/2013	14:57	41.26	77.65		
SAN-MW3s	1/30/2012	11:55	Dry			
SAN-MW3s	2/13/2012	13:00	Dry			
SAN-MW3s	3/5/2012	13:05	Dry			
SAN-MW3s	4/9/2012	14:06	Dry			
SAN-MW3s	5/15/2012	12:21	Dry			
SAN-MW3s	6/21/2012	16:15	Dry			
SAN-MW3s	7/11/2012	12:29	Dry			
SAN-MW3s	8/16/2012	11:37	Dry			
SAN-MW3s	9/20/2012	14:40	Dry			
SAN-MW3s	10/20/2012	13:34	Dry			
SAN-MW3s	12/9/2012	9:17	Dry			
SAN-MW3s	12/31/2012	15:38	Dry			
SAN-MW3s	1/16/2013	9:28	Dry			
SAN-MW3s	2/17/2013	16:31	Dry			
SAN-MW3s	3/24/2013	9:50	Dry			
SAN-MW3s	4/17/2013	15:13	Dry			
SAN-MW3s	6/2/2013	14:33	Dry			
SAN-MW3s	6/17/2013	16:39	Dry			
SAN-MW3s	7/16/2013	12:57	Dry			
SAN-MW3s	8/28/2013	15:24	Dry			
SAN-MW3s	9/9/2013	18:07	Dry			
SAN-MW3s	10/7/2013	17:21	Dry			
SAN-MW3s	11/18/2013	10:30	Dry			
SAN-MW3s	12/18/2013	14:50	Dry			
SAN-MW3d	1/30/2012	12:10	29.87	88.63		
SAN-MW3d	2/13/2012	13:01	30.36	88.14		
SAN-MW3d	3/5/2012	13:06	31.62	86.88		
SAN-MW3d	4/9/2012	14:05	32.16	86.34		
SAN-MW3d	5/15/2012	12:21	32.13	86.37		
SAN-MW3d	6/21/2012	16:15	35.82	82.68		
SAN-MW3d	7/11/2012	12:29	36.19	82.31		
SAN-MW3d	8/16/2012	11:37	41.49	77.01		
SAN-MW3d	9/20/2012	14:40	41.59	76.91		
SAN-MW3d	10/20/2012	13:34	41.55	76.95		
SAN-MW3d	12/9/2012	9:17	36.43	82.07		
SAN-MW3d	12/31/2012	15:39	34.39	84.11		
SAN-MW3d	1/16/2013	9:29	33.29	85.21		
SAN-MW3d	2/17/2013	16:33	32.64	85.86		
SAN-MW3d	3/24/2013	9:51	35.15	83.35		
SAN-MW3d	4/17/2013	15:13	34.95	83.55		
SAN-MW3d	6/2/2013	14:33	38.45	80.05		
SAN-MW3d	6/17/2013	16:40	40.23	78.27		
SAN-MW3d	7/16/2013	12:58	42.84	75.66		
SAN-MW3d	8/28/2013	15:24	44.48	74.02		
SAN-MW3d	9/9/2013	18:07	44.53	73.97		
SAN-MW3d	10/7/2013	17:21	43.16	75.34		
SAN-MW3d	11/18/2013	10:30	41.08	77.42		
SAN-MW3d	12/18/2013	14:50	41.17	77.33		
SAN-MW4s	1/30/2012	12:12	30.14	88.69	0.00	0.00
SAN-MW4s	2/13/2012	13:29	30.11	88.72	0.00	0.00
SAN-MW4s	3/5/2012	13:10	30.86	87.97	0.04	0.00
SAN-MW4s	4/9/2012	14:10	30.48	88.35	0.06	0.00
SAN-MW4s	5/15/2012	12:36	31.56	87.27	0.03	0.00
SAN-MW4s	6/21/2012	16:11	Dry			
SAN-MW4s	7/11/2012	12:32	Dry			
SAN-MW4s	8/16/2012	11:34	Dry			
SAN-MW4s	9/20/2012	14:44	Dry			
SAN-MW4s	10/20/2012	13:38	Dry			
SAN-MW4s	12/9/2012	9:14	Dry			
SAN-MW4s	12/31/2012	15:30	Dry			
SAN-MW4s	1/16/2013	9:31	Dry			
SAN-MW4s	2/17/2013	16:20	Dry			
SAN-MW4s	3/24/2013	9:53	Dry			
SAN-MW4s	4/17/2013	15:16	Dry			
SAN-MW4s	6/2/2013	14:36	Dry			
SAN-MW4s	6/17/2013	16:32	Dry			
SAN-MW4s	7/16/2013	12:49	Dry			
SAN-MW4s	8/28/2013	15:20	Dry			
SAN-MW4s	9/9/2013	18:02	Dry			
SAN-MW4s	10/7/2013	17:25	Dry			
SAN-MW4s	11/18/2013	10:33	Dry			
SAN-MW4s	12/18/2013	14:53	Dry			
SAN-MW4d	1/30/2012	12:18	29.75	88.69		
SAN-MW4d	2/13/2012	13:30	29.72	88.72		
SAN-MW4d	3/5/2012	13:11	30.51	87.93		
SAN-MW4d	4/9/2012	14:09	30.15	88.29		
SAN-MW4d	5/15/2012	12:47	31.20	87.24		
SAN-MW4d	6/21/2012	16:12	35.66	82.78		
SAN-MW4d	7/11/2012	12:31	36.08	82.36		
SAN-MW4d	8/16/2012	11:34	41.10	77.34		
SAN-MW4d	9/20/2012	14:44	41.18	77.26		
SAN-MW4d	10/20/2012	13:38	41.21	77.23		
SAN-MW4d	12/9/2012	9:14	36.15	82.29		
SAN-MW4d	12/31/2012	15:31	33.90	84.54		
SAN-MW4d	1/16/2013	9:32	32.98	85.46		
SAN-MW4d	2/17/2013	16:22	32.75	85.69		
SAN-MW4d	3/24/2013	9:54	33.85	84.59		
SAN-MW4d	4/17/2013	15:16	33.93	84.51		
SAN-MW4d	6/2/2013	14:37	38.60	79.84		
SAN-MW4d	6/17/2013	16:33	40.34	78.10		
SAN-MW4d	7/16/2013	12:50	42.87	75.57		
SAN-MW4d	8/28/2013	15:20	44.05	74.39		
SAN-MW4d	9/9/2013	18:02	44.09	74.35		
SAN-MW4d	10/7/2013	17:25	42.35	76.09		
SAN-MW4d	11/18/2013	10:33	39.22	79.22		
SAN-MW4d	12/18/2013	14:53	39.30	79.14		
SAN-MW5s	1/30/2012	12:20	26.05	89.01	0.00	0.00
SAN-MW5s	2/16/2012	9:51	25.53	89.53	0.02	0.00
SAN-MW5s	3/5/2012	13:15	27.10	87.96	0.03	0.00
SAN-MW5s	4/9/2012	13:57	28.00	87.06	0.11	0.00
SAN-MW5s	5/15/2012	15:35	26.85	88.21	0.08	0.00
SAN-MW5s	6/21/2012	16:00	26.85	88.21	0.08	0.00
SAN-MW5s	7/11/2012	12:20	27.00	88.06	0.05	0.00
SAN-MW5s	8/16/2012	11:42	Dry			
SAN-MW5s	9/20/2012	14:34	Dry			
SAN-MW5s	10/20/2012	13:29	Dry			
SAN-MW5s	12/9/2012	9:20	Dry			
SAN-MW5s	12/31/2012	15:29	Dry			
SAN-MW5s	1/16/2013	9:41	27.88	87.18	0.00	0.00
SAN-MW5s	2/17/2013	16:52	26.64	88.42	0.03	0.00
SAN-MW5s	3/24/2013	10:00	28.28	86.78	0.00	0.00
SAN-MW5s	4/17/2013	15:10	28.62	86.44	0.01	0.00

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
SAN-MW5s	6/2/2013	14:43	Dry			
SAN-MW5s	6/17/2013	16:44	Dry			
SAN-MW5s	7/16/2013	12:32	Dry			
SAN-MW5s	8/28/2013	15:27	Dry			
SAN-MW5s	9/9/2013	18:23	Dry			
SAN-MW5s	10/7/2013	17:16	Dry			
SAN-MW5s	11/18/2013	10:24	Dry			
SAN-MW5s	12/18/2013	14:46	Dry			
SAN-MW5d	1/30/2012	12:25	25.90	89.01		
SAN-MW5d	2/16/2012	9:52	25.40	89.51		
SAN-MW5d	3/5/2012	13:16	26.98	87.93		
SAN-MW5d	4/9/2012	13:56	27.96	86.95		
SAN-MW5d	5/15/2012	15:36	26.78	88.13		
SAN-MW5d	6/21/2012	16:00	26.78	88.13		
SAN-MW5d	7/11/2012	12:20	26.90	88.01		
SAN-MW5d	8/16/2012	11:43	37.90	77.01		
SAN-MW5d	9/20/2012	14:34	38.00	76.91		
SAN-MW5d	10/20/2012	13:29	38.14	76.77		
SAN-MW5d	12/9/2012	9:20	30.33	84.58		
SAN-MW5d	12/31/2012	15:29	29.54	85.37		
SAN-MW5d	1/16/2013	9:42	27.73	87.18		
SAN-MW5d	2/17/2013	16:53	26.52	88.39		
SAN-MW5d	3/24/2013	10:00	28.13	86.78		
SAN-MW5d	4/17/2013	15:10	28.48	86.43		
SAN-MW5d	6/2/2013	14:43	32.02	82.89		
SAN-MW5d	6/17/2013	16:45	33.75	81.16		
SAN-MW5d	7/16/2013	12:33	36.60	78.31		
SAN-MW5d	8/28/2013	15:27	38.71	76.20		
SAN-MW5d	9/9/2013	18:23	38.45	76.46		
SAN-MW5d	10/7/2013	17:16	36.94	77.97		
SAN-MW5d	11/18/2013	10:24	36.87	78.04		
SAN-MW5d	12/18/2013	14:46	36.92	77.99		
SAN-MW6s	1/30/2012	12:27	13.20	97.11	0.02	0.00
SAN-MW6s	2/16/2012	11:28	13.81	96.50	0.02	0.00
SAN-MW6s	3/5/2012	13:20	15.06	95.25	0.07	0.00
SAN-MW6s	4/9/2012	13:34	14.63	95.68	0.03	0.00
SAN-MW6s	5/15/2012	13:33	14.48	95.83	-0.01	-0.00
SAN-MW6s	6/21/2012	16:36	14.48	95.83	-0.01	-0.00
SAN-MW6s	7/11/2012	12:08	14.94	95.37	0.02	0.00
SAN-MW6s	8/16/2012	11:51	14.47	95.84	0.21	0.01
SAN-MW6s	9/20/2012	14:13	14.59	95.72	0.16	0.01
SAN-MW6s	10/20/2012	13:11	15.32	94.99	0.08	0.00
SAN-MW6s	12/9/2012	9:24	16.39	93.92	0.03	0.00
SAN-MW6s	12/31/2012	15:14	15.70	94.61	0.01	0.00
SAN-MW6s	1/16/2013	9:54	14.05	96.26	0.01	0.00
SAN-MW6s	2/17/2013	15:47	13.48	96.83	0.02	0.00
SAN-MW6s	3/24/2013	10:12	13.90	96.41	0.01	0.00
SAN-MW6s	4/17/2013	14:51	14.17	96.14	0.18	0.01
SAN-MW6s	6/2/2013	14:55	18.34	91.97	0.15	0.01
SAN-MW6s	6/17/2013	16:15	17.77	92.54	0.08	0.00
SAN-MW6s	7/16/2013	13:05	18.60	91.71	0.15	0.01
SAN-MW6s	8/28/2013	15:38	19.36	90.95	0.05	0.00
SAN-MW6s	9/9/2013	17:44	20.25	90.06	0.06	0.00
SAN-MW6s	10/7/2013	16:57	20.03	90.28	0.05	0.00
SAN-MW6s	11/18/2013	10:51	21.82	88.49	0.09	0.00
SAN-MW6s	12/18/2013	14:22	22.00	88.31	0.05	0.00
SAN-MW6d	1/30/2012	12:30	13.04	97.09		
SAN-MW6d	2/16/2012	11:29	13.65	96.48		
SAN-MW6d	3/5/2012	13:22	14.95	95.18		
SAN-MW6d	4/9/2012	13:33	14.48	95.65		
SAN-MW6d	5/15/2012	13:33	14.29	95.84		
SAN-MW6d	6/21/2012	16:40	14.29	95.84		
SAN-MW6d	7/11/2012	12:08	14.78	95.35		
SAN-MW6d	8/16/2012	11:51	14.50	95.63		
SAN-MW6d	9/20/2012	14:13	14.57	95.56		
SAN-MW6d	10/20/2012	13:11	15.22	94.91		
SAN-MW6d	12/9/2012	9:24	16.24	93.89		
SAN-MW6d	12/31/2012	15:15	15.53	94.60		
SAN-MW6d	1/16/2013	9:55	13.88	96.25		
SAN-MW6d	2/17/2013	15:48	13.32	96.81		
SAN-MW6d	3/24/2013	10:12	13.73	96.40		
SAN-MW6d	4/17/2013	14:51	14.17	95.96		
SAN-MW6d	6/2/2013	14:56	18.31	91.82		
SAN-MW6d	6/17/2013	16:16	17.67	92.46		
SAN-MW6d	7/16/2013	13:06	18.57	91.56		
SAN-MW6d	8/28/2013	15:38	19.23	90.90		
SAN-MW6d	9/9/2013	17:44	20.13	90.00		
SAN-MW6d	10/7/2013	16:57	19.90	90.23		
SAN-MW6d	11/18/2013	10:51	21.73	88.40		
SAN-MW6d	12/18/2013	14:22	21.87	88.26		
SAN-MW7s	1/30/2012	12:37	14.33	96.34	0.00	0.00
SAN-MW7s	2/16/2012	11:00	14.81	95.86	0.01	0.00
SAN-MW7s	3/5/2012	13:26	17.91	92.76	0.11	0.00
SAN-MW7s	4/9/2012	13:39	18.88	91.79	0.07	0.00
SAN-MW7s	5/15/2012	13:59	13.90	96.77	0.45	0.02
SAN-MW7s	6/21/2012	16:30	19.76	90.91	-0.06	-0.00
SAN-MW7s	7/11/2012	12:12	20.11	90.56	-0.03	-0.00
SAN-MW7s	8/16/2012	11:54	28.40	82.27	0.07	0.00
SAN-MW7s	9/20/2012	14:18	28.50	82.17	0.08	0.00
SAN-MW7s	10/20/2012	13:16	28.88	81.79	0.03	0.00
SAN-MW7s	12/9/2012	9:27	21.47	89.20	-0.03	-0.00
SAN-MW7s	12/31/2012	15:19	20.70	89.97	0.05	0.00
SAN-MW7s	1/16/2013	9:50	18.44	92.23	0.00	0.00
SAN-MW7s	2/17/2013	16:30	19.92	90.75	0.09	0.00
SAN-MW7s	3/24/2013	10:10	16.74	93.93	0.03	0.00
SAN-MW7s	4/17/2013	14:55	18.64	92.03	0.03	0.00
SAN-MW7s	6/2/2013	14:52	23.40	87.27	0.07	0.00
SAN-MW7s	6/17/2013	16:18	24.60	86.07	0.04	0.00
SAN-MW7s	7/16/2013	13:11	25.13	85.54	-0.03	-0.00
SAN-MW7s	8/28/2013	15:44	24.00	86.67	0.03	0.00
SAN-MW7s	9/9/2013	17:48	27.27	83.40	0.04	0.00
SAN-MW7s	10/7/2013	17:01	26.70	83.97	0.01	0.00
SAN-MW7s	11/18/2013	10:55	26.90	83.77	0.08	0.00
SAN-MW7s	12/18/2013	14:28	27.04	83.63	0.01	0.00
SAN-MW7d	1/30/2012	12:40	14.26	96.34		
SAN-MW7d	2/16/2012	11:01	14.75	95.85		
SAN-MW7d	3/5/2012	13:27	17.95	92.65		
SAN-MW7d	4/9/2012	13:38	18.88	91.72		
SAN-MW7d	5/15/2012	14:00	14.28	96.32		
SAN-MW7d	6/21/2012	16:32	19.63	90.97		
SAN-MW7d	7/11/2012	12:12	20.01	90.59		
SAN-MW7d	8/16/2012	11:54	28.40	82.20		
SAN-MW7d	9/20/2012	14:18	28.51	82.09		
SAN-MW7d	10/20/2012	13:16	28.84	81.76		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
SAN-MW7d	12/9/2012	9:27	21.37	89.23		
SAN-MW7d	12/31/2012	15:19	20.68	89.92		
SAN-MW7d	1/16/2013	9:51	18.37	92.23		
SAN-MW7d	2/17/2013	16:31	19.94	90.66		
SAN-MW7d	3/24/2013	10:10	16.70	93.90		
SAN-MW7d	4/17/2013	14:55	18.60	92.00		
SAN-MW7d	6/2/2013	14:52	23.40	87.20		
SAN-MW7d	6/17/2013	16:20	24.57	86.03		
SAN-MW7d	7/16/2013	13:12	25.03	85.57		
SAN-MW7d	8/28/2013	15:44	23.96	86.64		
SAN-MW7d	9/9/2013	17:48	27.24	83.36		
SAN-MW7d	10/7/2013	17:01	26.64	83.96		
SAN-MW7d	11/18/2013	10:55	26.91	83.69		
SAN-MW7d	12/18/2013	14:28	26.98	83.62		
SAN-MW8s	1/30/2012	12:43	16.12	96.34	-0.10	-0.01
SAN-MW8s	2/16/2012	10:35	16.56	95.90	0.04	0.00
SAN-MW8s	3/5/2012	13:29	17.30	95.16	0.02	0.00
SAN-MW8s	4/9/2012	13:44	20.78	91.68	0.19	0.01
SAN-MW8s	5/15/2012	14:29	17.06	95.40	0.29	0.02
SAN-MW8s	6/21/2012	16:22	20.00	92.46	-0.02	-0.00
SAN-MW8s	7/11/2012	12:15	20.81	91.65	0.02	0.00
SAN-MW8s	8/16/2012	11:58	Dry			
SAN-MW8s	9/20/2012	14:23	Dry			
SAN-MW8s	10/20/2012	13:19	Dry			
SAN-MW8s	12/9/2012	9:30	23.70	88.76	-0.01	-0.00
SAN-MW8s	12/31/2012	15:21	22.51	89.95	0.07	0.00
SAN-MW8s	1/16/2013	10:00	21.37	91.09	-0.04	-0.00
SAN-MW8s	2/17/2013	16:00	19.59	92.87	0.04	0.00
SAN-MW8s	3/24/2013	10:04	19.63	92.83	0.01	0.00
SAN-MW8s	4/17/2013	14:59	24.20	88.26	0.19	0.01
SAN-MW8s	6/2/2013	14:48	24.47	87.99	1.15	0.06
SAN-MW8s	6/17/2013	16:23	Dry			
SAN-MW8s	7/16/2013	13:17	Dry			
SAN-MW8s	8/28/2013	15:48	24.43	88.03	0.07	0.00
SAN-MW8s	9/9/2013	17:51	Dry			
SAN-MW8s	10/7/2013	17:06	Dry			
SAN-MW8s	11/18/2013	10:58	Dry			
SAN-MW8s	12/18/2013	14:34	Dry			
SAN-MW8d	1/30/2012	12:45	15.83	96.44		
SAN-MW8d	2/16/2012	10:36	16.41	95.86		
SAN-MW8d	3/5/2012	13:30	17.13	95.14		
SAN-MW8d	4/9/2012	13:43	20.78	91.49		
SAN-MW8d	5/15/2012	14:30	17.16	95.11		
SAN-MW8d	6/21/2012	16:23	19.79	92.48		
SAN-MW8d	7/11/2012	12:14	20.64	91.63		
SAN-MW8d	8/16/2012	11:58	29.10	83.17		
SAN-MW8d	9/20/2012	14:23	29.25	83.02		
SAN-MW8d	10/20/2012	13:19	29.39	82.88		
SAN-MW8d	12/9/2012	9:30	23.50	88.77		
SAN-MW8d	12/31/2012	15:21	22.39	89.88		
SAN-MW8d	1/16/2013	10:05	21.14	91.13		
SAN-MW8d	2/17/2013	16:01	19.44	92.83		
SAN-MW8d	3/24/2013	10:04	19.45	92.82		
SAN-MW8d	4/17/2013	14:59	24.20	88.07		
SAN-MW8d	6/2/2013	14:49	25.43	86.84		
SAN-MW8d	6/17/2013	16:25	25.87	86.40		
SAN-MW8d	7/16/2013	13:17	26.40	85.87		
SAN-MW8d	8/28/2013	15:48	24.31	87.96		
SAN-MW8d	9/9/2013	17:51	29.04	83.23		
SAN-MW8d	10/7/2013	17:06	27.85	84.42		
SAN-MW8d	11/18/2013	10:58	24.39	87.88		
SAN-MW8d	12/18/2013	14:34	25.03	87.24		
GEN-MW1	1/16/2013		N/M			
GEN-MW1	2/17/2013	14:51	13.35	42.87		
GEN-MW1	3/24/2013	9:34	11.95	44.27		
GEN-MW1	4/18/2013	12:17	14.20	42.02		
GEN-MW1	5/31/2013	13:20	12.81	43.41		
GEN-MW1	6/17/2013	16:02	12.54	43.68		
GEN-MW1	7/15/2013	13:03	10.90	45.32		
GEN-MW1	8/21/2013	13:50	9.62	46.60		
GEN-MW1	9/9/2013	10:38	10.09	46.13		
GEN-MW1	10/7/2013	11:02	9.86	46.36		
GEN-MW1	11/11/2013	17:20	11.64	44.58		
GEN-MW1	12/17/2013	10:39	12.46	43.76		
GEN-MW2	1/16/2013	12:22	9.25	44.97		
GEN-MW2	2/17/2013	15:02	9.16	45.06		
GEN-MW2	3/24/2013	9:16	8.45	45.77		
GEN-MW2	4/18/2013	12:09	9.00	45.22		
GEN-MW2	5/31/2013	12:55	8.65	45.57		
GEN-MW2	6/17/2013	16:14	8.34	45.88		
GEN-MW2	7/15/2013	12:51	7.20	47.02		
GEN-MW2	8/21/2013	13:28	7.28	46.94		
GEN-MW2	9/9/2013	11:06	7.77	46.45		
GEN-MW2	10/7/2013	11:24	7.99	46.23		
GEN-MW2	11/11/2013	17:37	9.23	44.99		
GEN-MW2	12/17/2013	11:00	9.05	45.17		
GEN-MW3	1/16/2013	12:05	11.20	44.36		
GEN-MW3	2/17/2013	14:50	11.12	44.44		
GEN-MW3	3/24/2013	9:32	9.83	45.73		
GEN-MW3	4/18/2013	12:24	11.62	43.94		
GEN-MW3	5/31/2013	13:17	10.58	44.98		
GEN-MW3	6/17/2013	15:59	10.30	45.26		
GEN-MW3	7/15/2013	13:07	8.78	46.78		
GEN-MW3	8/21/2013	13:46	12.19	46.51		
GEN-MW3	9/9/2013	10:43	12.66	46.04		
GEN-MW3	10/7/2013	11:05	12.57	46.13		
GEN-MW3	11/11/2013	17:23	14.22	44.48		
GEN-MW3	12/17/2013	10:42	15.04	43.66		
GEN-MW5	1/16/2013	11:38	12.64	45.73		
GEN-MW5	2/17/2013	14:57	12.69	45.68		
GEN-MW5	3/24/2013	9:08	11.65	46.72		
GEN-MW5	4/18/2013	11:54	12.27	46.10		
GEN-MW5	5/31/2013	12:49	12.17	46.20		
GEN-MW5	6/17/2013	16:17	11.40	46.97		
GEN-MW5	7/15/2013	12:46	10.20	48.17		
GEN-MW5	8/21/2013	13:25	10.84	47.53		
GEN-MW5	9/9/2013	11:10	11.52	46.85		
GEN-MW5	10/7/2013	11:29	10.83	47.54		
GEN-MW5	11/11/2013	17:32	12.94	45.43		
GEN-MW5	12/17/2013	11:04	13.64	44.73		
GEN-MW6	1/16/2013	12:35	12.82	46.82		
GEN-MW6	2/17/2013	14:30	13.02	46.62		
GEN-MW6	3/24/2013	9:02	12.20	47.44		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
GEN-MW6	4/18/2013	11:30	12.63	47.01		
GEN-MW6	5/31/2013	12:21	12.41	47.23		
GEN-MW6	6/17/2013	15:42	11.70	47.94		
GEN-MW6	7/15/2013	13:29	10.57	49.07		
GEN-MW6	8/21/2013	13:08	10.62	49.02		
GEN-MW6	9/9/2013	11:25	11.93	47.71		
GEN-MW6	10/7/2013	11:42	11.56	48.08		
GEN-MW6	11/11/2013	18:15	13.28	46.36		
GEN-MW6	12/17/2013	11:20	13.96	45.68		
GEN-MW7	1/16/2013	11:27	13.92	45.58		
GEN-MW7	2/17/2013	14:54	13.95	45.55		
GEN-MW7	3/24/2013	9:00	10.02	49.48		
GEN-MW7	4/18/2013	11:26	13.76	45.74		
GEN-MW7	5/31/2013	12:52	13.43	46.07		
GEN-MW7	6/17/2013	16:20	12.83	46.67		
GEN-MW7	7/15/2013	12:41	11.60	47.90		
GEN-MW7	8/21/2013	13:20	11.48	48.02		
GEN-MW7	9/9/2013	11:15	12.74	46.76		
GEN-MW7	10/7/2013	11:32	12.68	46.82		
GEN-MW7	11/11/2013	17:28	14.02	45.48		
GEN-MW7	12/17/2013	11:07	14.72	44.78		
GEN-MW8	1/16/2013	12:17	12.07	44.84		
GEN-MW8	2/17/2013	15:00	11.94	44.97		
GEN-MW8	3/24/2013	9:20	11.20	45.71		
GEN-MW8	4/18/2013	12:00	11.66	45.25		
GEN-MW8	5/31/2013	13:01	11.42	45.49		
GEN-MW8	6/17/2013	16:10	N/M			
GEN-MW8	7/15/2013	12:54	10.03	46.88		
GEN-MW8	8/21/2013	13:31	10.17	46.74		
GEN-MW8	9/9/2013	11:03	10.57	46.34		
GEN-MW8	10/7/2013	11:22	10.76	46.15		
GEN-MW8	11/11/2013	17:41	12.03	44.88		
GEN-MW8	12/17/2013	10:55	12.80	44.11		
GEN-MW9	1/16/2013	12:00	13.00	43.88		
GEN-MW9	2/17/2013	14:44	12.83	44.05		
GEN-MW9	3/24/2013	9:30	11.59	45.29		
GEN-MW9	4/18/2013	11:48	12.54	44.34		
GEN-MW9	5/31/2013	13:13	12.18	44.70		
GEN-MW9	6/17/2013	15:56	11.55	45.33		
GEN-MW9	7/15/2013	13:12	10.62	46.26		
GEN-MW9	8/21/2013	13:43	10.84	46.04		
GEN-MW9	9/9/2013	10:47	11.38	45.50		
GEN-MW9	10/7/2013	11:08	11.06	45.82		
GEN-MW9	11/11/2013	17:44	11.93	44.95		
GEN-MW9	12/17/2013	10:45	13.60	43.28		
GEN-MW10	1/16/2013	11:41	13.82	44.69		
GEN-MW10	2/17/2013	14:36	13.40	45.11		
GEN-MW10	3/24/2013	9:25	12.75	45.76		
GEN-MW10	4/18/2013	11:39	13.31	45.20		
GEN-MW10	5/31/2013	13:25	13.18	45.33		
GEN-MW10	6/17/2013	15:48	12.64	45.87		
GEN-MW10	7/15/2013	12:57	11.81	46.70		
GEN-MW10	8/21/2013	13:33	12.19	46.32		
GEN-MW10	9/9/2013	11:00	12.58	45.93		
GEN-MW10	10/7/2013	11:19	12.46	46.05		
GEN-MW10	11/11/2013	18:07	13.99	44.52		
GEN-MW10	12/17/2013	10:53	14.61	43.90		
GEN-MW11s	1/16/2013	11:45	13.43	44.18	0.13	0.01
GEN-MW11s	2/17/2013	14:40	13.26	44.35	-0.03	-0.00
GEN-MW11s	3/24/2013	9:28	12.47	45.14	-0.05	-0.00
GEN-MW11s	4/18/2013	11:43	12.53	45.08	0.01	0.00
GEN-MW11s	5/31/2013	13:07	12.70	44.91	-0.02	-0.00
GEN-MW11s	6/17/2013	15:51	11.90	45.71	0.09	0.01
GEN-MW11s	7/15/2013	13:19	11.98	45.63	-0.01	-0.00
GEN-MW11s	8/21/2013	13:37	12.19	45.42	-0.01	-0.00
GEN-MW11s	9/9/2013	10:52	12.61	45.00	-0.01	-0.00
GEN-MW11s	10/7/2013	11:16	12.64	44.97	0.00	0.00
GEN-MW11s	11/11/2013	18:00	13.72	43.89	0.01	0.00
GEN-MW11s	12/17/2013	10:50	14.21	43.40	0.01	0.00
GEN-MW11d	1/16/2013	11:46	13.58	44.05		
GEN-MW11d	2/17/2013	14:41	13.25	44.38		
GEN-MW11d	3/24/2013	9:28	12.44	45.19		
GEN-MW11d	4/18/2013	11:43	12.56	45.07		
GEN-MW11d	5/31/2013	13:07	12.70	44.93		
GEN-MW11d	6/17/2013	15:51	12.01	45.62		
GEN-MW11d	7/15/2013	13:19	11.99	45.64		
GEN-MW11d	8/21/2013	13:37	12.20	45.43		
GEN-MW11d	9/9/2013	10:52	12.62	45.01		
GEN-MW11d	10/7/2013	11:16	12.66	44.97		
GEN-MW11d	11/11/2013	18:00	13.75	43.88		
GEN-MW11d	12/17/2013	10:50	14.24	43.39		
GEN-MW12s	1/16/2013	11:50	14.26	46.11	0.04	0.00
GEN-MW12s	2/17/2013	14:33	14.34	46.03	0.03	0.00
GEN-MW12s	3/24/2013	9:23	13.43	46.94	0.04	0.00
GEN-MW12s	4/18/2013	11:35	13.56	46.81	-0.01	-0.00
GEN-MW12s	5/31/2013	12:44	13.97	46.40	0.00	0.00
GEN-MW12s	6/17/2013	15:44	13.24	47.13	-0.01	-0.00
GEN-MW12s	7/15/2013	13:24	12.69	47.68	0.03	0.00
GEN-MW12s	8/21/2013	13:11	13.69	46.68	-0.01	-0.00
GEN-MW12s	9/9/2013	11:21	14.09	46.28	0.00	0.00
GEN-MW12s	10/7/2013	11:37	13.80	46.57	0.03	0.00
GEN-MW12s	11/11/2013	18:11	15.23	45.14	0.03	0.00
GEN-MW12s	12/17/2013	11:13	15.55	44.82	0.01	0.00
GEN-MW12d	1/16/2013	11:51	14.28	46.07		
GEN-MW12d	2/17/2013	14:34	14.35	46.00		
GEN-MW12d	3/24/2013	9:23	13.45	46.90		
GEN-MW12d	4/18/2013	11:35	13.53	46.82		
GEN-MW12d	5/31/2013	12:44	13.95	46.40		
GEN-MW12d	6/17/2013	15:44	13.21	47.14		
GEN-MW12d	7/15/2013	13:24	12.70	47.65		
GEN-MW12d	8/21/2013	13:11	13.66	46.69		
GEN-MW12d	9/9/2013	11:21	14.07	46.28		
GEN-MW12d	10/7/2013	11:37	13.81	46.54		
GEN-MW12d	11/11/2013	18:11	15.24	45.11		
GEN-MW12d	12/17/2013	11:13	15.54	44.81		
TRO-MW1	1/16/2013	8:32	80.29	100.99		
TRO-MW1	2/18/2013	8:22	80.78	100.50		
TRO-MW1	3/19/2013	13:00	81.25	100.03		
TRO-MW1	4/17/2013	10:39	82.14	99.14		
TRO-MW1	5/31/2013	15:33	83.61	97.67		
TRO-MW1	6/21/2013	19:32	83.75	97.53		
TRO-MW1	7/15/2013	11:00	84.35	96.93		
TRO-MW1	8/20/2013	13:18	84.68	96.60		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
TRO-MW1	9/9/2013	8:10	84.85	96.43		
TRO-MW1	10/7/2013	10:53	84.38	96.90		
TRO-MW1	11/11/2013	11:20	85.73	95.55		
TRO-MW1	12/17/2013	10:47	86.14	95.14		
TRO-MW2	1/16/2013	8:25	94.91	84.13		
TRO-MW2	2/18/2013	8:26	97.35	81.69		
TRO-MW2	3/19/2013	13:05	98.68	80.36		
TRO-MW2	4/17/2013	10:33	99.21	79.83		
TRO-MW2	5/31/2013	15:26	103.06	75.98		
TRO-MW2	6/21/2013	19:20	105.33	73.71		
TRO-MW2	7/15/2013	10:53	103.08	75.96		
TRO-MW2	8/20/2013	13:24	97.57	81.47		
TRO-MW2	9/9/2013	8:03	96.60	82.44		
TRO-MW2	10/7/2013	10:43	97.35	81.69		
TRO-MW2	11/11/2013	11:29	99.18	79.86		
TRO-MW2	12/17/2013	10:40	100.50	78.54		
TRO-MW3	1/16/2013	8:22	85.28	90.86		
TRO-MW3	2/18/2013	8:29	87.14	89.00		
TRO-MW3	3/19/2013	13:08	88.18	87.96		
TRO-MW3	4/17/2013	10:28	88.83	87.31		
TRO-MW3	5/31/2013	15:31	91.94	84.20		
TRO-MW3	6/21/2013	19:26	93.34	82.80		
TRO-MW3	7/15/2013	10:50	91.09	85.05		
TRO-MW3	8/20/2013	13:21	88.53	87.61		
TRO-MW3	9/9/2013	7:58	88.84	87.30		
TRO-MW3	10/7/2013	10:46	88.58	87.56		
TRO-MW3	11/11/2013	11:25	90.15	85.99		
TRO-MW3	12/17/2013	10:43	91.11	85.03		
PLS-MW1s	1/30/2012	11:50	10.83	81.49	-0.04	-0.00
PLS-MW1s	2/8/2012	16:32	10.90	81.42	0.00	0.00
PLS-MW1s	3/5/2012	14:10	11.45	80.87	-0.02	-0.00
PLS-MW1s	4/5/2012	14:07	11.48	80.84	-0.04	-0.00
PLS-MW1s	5/10/2012	19:28	11.03	81.29	0.01	0.00
PLS-MW1s	6/18/2012	13:29	10.95	81.37	-0.03	-0.00
PLS-MW1s	7/9/2012	15:16	9.55	82.77	0.10	0.01
PLS-MW1s	8/15/2012	9:03	9.40	82.92	-0.01	-0.00
PLS-MW1s	9/20/2012	15:50	10.33	81.99	0.09	0.01
PLS-MW1s	10/19/2012	14:56	11.03	81.29	0.00	0.00
PLS-MW1s	12/11/2012	9:50	12.57	79.75	0.01	0.00
PLS-MW1s	12/28/2012	13:32	12.79	79.53	0.01	0.00
PLS-MW1s	1/16/2013	11:41	12.68	79.64	0.02	0.00
PLS-MW1s	2/17/2013	9:58	13.02	79.30	0.00	0.00
PLS-MW1s	3/21/2013	8:36	13.95	78.37	0.01	0.00
PLS-MW1s	4/16/2013	14:56	13.86	78.46	0.02	0.00
PLS-MW1s	5/29/2013	15:07	13.89	78.43	0.02	0.00
PLS-MW1s	6/17/2013	11:43	13.73	78.59	0.00	0.00
PLS-MW1s	7/16/2013	11:59	12.90	79.42	-0.02	-0.00
PLS-MW1s	8/26/2013	8:43	11.10	81.22	-0.02	-0.00
PLS-MW1s	9/9/2013	15:43	11.13	81.19	0.00	0.00
PLS-MW1s	10/7/2013	17:07	10.95	81.37	0.00	0.00
PLS-MW1s	11/15/2013	14:08	12.43	79.89	0.02	0.00
PLS-MW1s	12/17/2013	16:09	13.52	78.80	0.02	0.00
PLS-MW1d	1/30/2012	11:52	10.55	81.53		
PLS-MW1d	2/8/2012	16:33	10.66	81.42		
PLS-MW1d	3/5/2012	14:11	11.19	80.89		
PLS-MW1d	4/5/2012	14:09	11.20	80.88		
PLS-MW1d	5/10/2012	19:30	10.80	81.28		
PLS-MW1d	6/18/2012	13:28	10.68	81.40		
PLS-MW1d	7/9/2012	15:15	9.41	82.67		
PLS-MW1d	8/15/2012	9:03	9.15	82.93		
PLS-MW1d	9/20/2012	15:50	10.18	81.90		
PLS-MW1d	10/19/2012	14:56	10.79	81.29		
PLS-MW1d	12/11/2012	9:50	12.34	79.74		
PLS-MW1d	12/28/2012	13:33	12.56	79.52		
PLS-MW1d	1/16/2013	11:42	12.46	79.62		
PLS-MW1d	2/17/2013	9:59	12.78	79.30		
PLS-MW1d	3/21/2013	8:37	13.72	78.36		
PLS-MW1d	4/16/2013	14:56	13.64	78.44		
PLS-MW1d	5/29/2013	15:07	13.67	78.41		
PLS-MW1d	6/17/2013	11:45	13.49	78.59		
PLS-MW1d	7/16/2013	11:59	12.64	79.44		
PLS-MW1d	8/26/2013	8:43	10.84	81.24		
PLS-MW1d	9/9/2013	15:43	10.89	81.19		
PLS-MW1d	10/7/2013	17:07	10.71	81.37		
PLS-MW1d	11/15/2013	14:08	12.21	79.87		
PLS-MW1d	12/17/2013	16:09	13.30	78.78		
PLS-MW2s	1/30/2012	11:57	9.55	81.27	0.05	0.00
PLS-MW2s	2/8/2012	17:00	9.65	81.17	0.03	0.00
PLS-MW2s	3/5/2012	14:13	10.23	80.59	0.05	0.00
PLS-MW2s	4/5/2012	14:12	10.20	80.62	0.04	0.00
PLS-MW2s	5/10/2012	17:45	9.67	81.15	0.01	0.00
PLS-MW2s	6/18/2012	13:32	9.51	81.31	0.06	0.00
PLS-MW2s	7/9/2012	15:12	8.16	82.66	0.03	0.00
PLS-MW2s	8/15/2012	9:00	8.20	82.62	-0.01	-0.00
PLS-MW2s	9/20/2012	15:47	9.09	81.73	0.10	0.01
PLS-MW2s	10/19/2012	15:00	9.70	81.12	0.01	0.00
PLS-MW2s	12/11/2012	9:48	11.24	79.58	0.06	0.00
PLS-MW2s	12/28/2012	13:35	11.49	79.33	0.02	0.00
PLS-MW2s	1/16/2013	11:44	11.40	79.42	0.00	0.00
PLS-MW2s	2/17/2013	10:04	11.74	79.08	0.00	0.00
PLS-MW2s	3/21/2013	8:32	12.73	78.09	0.00	0.00
PLS-MW2s	4/16/2013	15:00	12.61	78.21	0.02	0.00
PLS-MW2s	5/29/2013	14:59	12.64	78.18	0.07	0.01
PLS-MW2s	6/17/2013	12:05	12.38	78.44	-0.02	-0.00
PLS-MW2s	7/16/2013	12:03	11.51	79.31	0.01	0.00
PLS-MW2s	8/26/2013	8:47	9.79	81.03	-0.01	-0.00
PLS-MW2s	9/9/2013	15:46	9.86	80.96	0.03	0.00
PLS-MW2s	10/7/2013	17:10	9.52	81.30	0.00	0.00
PLS-MW2s	11/15/2013	14:06	11.19	79.63	0.05	0.00
PLS-MW2s	12/17/2013	16:12	12.30	78.52	-0.08	-0.01
PLS-MW2d	1/30/2012	12:00	9.41	81.22		
PLS-MW2d	2/8/2012	17:01	9.49	81.14		
PLS-MW2d	3/5/2012	14:14	10.09	80.54		
PLS-MW2d	4/5/2012	14:14	10.05	80.58		
PLS-MW2d	5/10/2012	17:46	9.49	81.14		
PLS-MW2d	6/18/2012	13:31	9.38	81.25		
PLS-MW2d	7/9/2012	15:12	8.00	82.63		
PLS-MW2d	8/15/2012	9:00	8.00	82.63		
PLS-MW2d	9/20/2012	15:47	9.00	81.63		
PLS-MW2d	10/19/2012	15:00	9.52	81.11		
PLS-MW2d	12/11/2012	9:48	11.11	79.52		
PLS-MW2d	12/28/2012	13:36	11.32	79.31		
PLS-MW2d	1/16/2013	11:45	11.21	79.42		
PLS-MW2d	2/17/2013	10:05	11.55	79.08		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
PLS-MW2d	3/21/2013	8:32	12.54	78.09		
PLS-MW2d	4/16/2013	15:00	12.44	78.19		
PLS-MW2d	5/29/2013	14:59	12.52	78.11		
PLS-MW2d	6/17/2013	12:07	12.17	78.46		
PLS-MW2d	7/16/2013	12:03	11.33	79.30		
PLS-MW2d	8/26/2013	8:47	9.59	81.04		
PLS-MW2d	9/9/2013	15:46	9.70	80.93		
PLS-MW2d	10/7/2013	17:10	9.33	81.30		
PLS-MW2d	11/15/2013	14:06	11.05	79.58		
PLS-MW2d	12/17/2013	16:12	12.03	78.60		
PLS-MW3s	1/30/2012	11:30	N/M			
PLS-MW3s	2/8/2012	15:13	8.39	82.84	0.00	0.00
PLS-MW3s	3/5/2012	13:52	9.33	81.90	0.00	0.00
PLS-MW3s	4/5/2012	14:30	9.40	81.83	0.03	0.00
PLS-MW3s	5/10/2012	16:54	9.38	81.85	0.00	0.00
PLS-MW3s	6/18/2012	13:21	9.06	82.17	0.02	0.00
PLS-MW3s	7/9/2012	14:58	8.44	82.79	-0.20	-0.02
PLS-MW3s	8/15/2012	8:55	7.72	83.51	0.00	0.00
PLS-MW3s	9/20/2012	15:23	8.14	83.09	0.10	0.01
PLS-MW3s	10/19/2012	14:45	9.45	81.78	0.02	0.00
PLS-MW3s	12/11/2012	10:04	10.79	80.44	0.01	0.00
PLS-MW3s	12/28/2012	13:24	10.70	80.53	0.01	0.00
PLS-MW3s	1/16/2013	11:25	10.77	80.46	0.00	0.00
PLS-MW3s	2/17/2013	9:53	11.02	80.21	0.02	0.00
PLS-MW3s	3/21/2013	8:26	11.33	79.90	0.06	0.00
PLS-MW3s	4/16/2013	15:12	11.91	79.32	0.00	0.00
PLS-MW3s	5/29/2013	14:43	11.82	79.41	-0.01	-0.00
PLS-MW3s	6/17/2013	11:34	12.07	79.16	0.01	0.00
PLS-MW3s	7/16/2013	12:20	10.94	80.29	0.01	0.00
PLS-MW3s	8/26/2013	8:21	9.15	82.08	0.02	0.00
PLS-MW3s	9/9/2013	15:36	9.22	82.01	0.00	0.00
PLS-MW3s	10/7/2013	17:21	9.97	81.26	0.20	0.02
PLS-MW3s	11/15/2013	13:52	10.85	80.38	0.00	0.00
PLS-MW3s	12/17/2013	15:52	11.70	79.53	0.03	0.00
PLS-MW3d	1/30/2012	11:30	N/M			
PLS-MW3d	2/8/2012	15:14	8.24	82.84		
PLS-MW3d	3/5/2012	13:53	9.18	81.90		
PLS-MW3d	4/5/2012	14:32	9.28	81.80		
PLS-MW3d	5/10/2012	16:55	9.23	81.85		
PLS-MW3d	6/18/2012	13:20	8.93	82.15		
PLS-MW3d	7/9/2012	14:57	8.09	82.99		
PLS-MW3d	8/15/2012	8:55	7.57	83.51		
PLS-MW3d	9/20/2012	15:23	8.09	82.99		
PLS-MW3d	10/19/2012	14:45	9.32	81.76		
PLS-MW3d	12/11/2012	10:04	10.65	80.43		
PLS-MW3d	12/28/2012	13:25	10.56	80.52		
PLS-MW3d	1/16/2013	11:26	10.62	80.46		
PLS-MW3d	2/17/2013	9:54	10.89	80.19		
PLS-MW3d	3/21/2013	8:26	11.24	79.84		
PLS-MW3d	4/16/2013	15:12	11.76	79.32		
PLS-MW3d	5/29/2013	14:43	11.66	79.42		
PLS-MW3d	6/17/2013	11:36	11.93	79.15		
PLS-MW3d	7/16/2013	12:20	10.80	80.28		
PLS-MW3d	8/26/2013	8:21	9.02	82.06		
PLS-MW3d	9/9/2013	15:36	9.07	82.01		
PLS-MW3d	10/7/2013	17:21	10.02	81.06		
PLS-MW3d	11/15/2013	13:52	10.70	80.38		
PLS-MW3d	12/17/2013	15:52	11.58	79.50		
PLS-MW4s	1/30/2012	12:04	10.08	82.18	0.01	0.00
PLS-MW4s	2/8/2012	15:33	10.26	82.00	0.00	0.00
PLS-MW4s	3/5/2012	14:08	10.93	81.33	0.01	0.00
PLS-MW4s	4/5/2012	14:20	10.94	81.32	0.00	0.00
PLS-MW4s	5/10/2012	19:00	10.78	81.48	-0.02	-0.00
PLS-MW4s	6/18/2012	13:26	10.63	81.63	0.03	0.00
PLS-MW4s	7/9/2012	15:09	9.12	83.14	0.18	0.01
PLS-MW4s	8/15/2012	9:06	8.88	83.38	-0.04	-0.00
PLS-MW4s	9/20/2012	15:41	9.41	82.85	0.27	0.02
PLS-MW4s	10/19/2012	14:50	10.69	81.57	-0.02	-0.00
PLS-MW4s	12/11/2012	9:53	12.13	80.13	-0.01	-0.00
PLS-MW4s	12/28/2012	13:30	12.26	80.00	0.00	0.00
PLS-MW4s	1/16/2013	11:39	12.20	80.06	0.00	0.00
PLS-MW4s	2/17/2013	10:09	12.50	79.76	0.00	0.00
PLS-MW4s	3/21/2013	8:30	13.24	79.02	0.02	0.00
PLS-MW4s	4/16/2013	14:53	13.40	78.86	0.01	0.00
PLS-MW4s	5/29/2013	15:12	13.37	78.89	-0.05	-0.00
PLS-MW4s	6/17/2013	11:40	13.31	78.95	0.00	0.00
PLS-MW4s	7/16/2013	11:55	12.54	79.72	0.00	0.00
PLS-MW4s	8/26/2013	8:38	10.63	81.63	-0.03	-0.00
PLS-MW4s	9/9/2013	15:40	10.71	81.55	-0.06	-0.00
PLS-MW4s	10/7/2013	17:04	11.03	81.23	-0.02	-0.00
PLS-MW4s	11/15/2013	13:56	12.02	80.24	0.01	0.00
PLS-MW4s	12/17/2013	16:05	13.12	79.14	0.90	0.06
PLS-MW4d	1/30/2012	12:06	9.68	82.17		
PLS-MW4d	2/8/2012	15:34	9.85	82.00		
PLS-MW4d	3/5/2012	14:07	10.53	81.32		
PLS-MW4d	4/5/2012	14:21	10.53	81.32		
PLS-MW4d	5/10/2012	19:01	10.35	81.50		
PLS-MW4d	6/18/2012	13:25	10.25	81.60		
PLS-MW4d	7/9/2012	15:09	8.89	82.96		
PLS-MW4d	8/15/2012	9:06	8.43	83.42		
PLS-MW4d	9/20/2012	15:41	9.27	82.58		
PLS-MW4d	10/19/2012	14:50	10.26	81.59		
PLS-MW4d	12/11/2012	9:53	11.71	80.14		
PLS-MW4d	12/28/2012	13:31	11.85	80.00		
PLS-MW4d	1/16/2013	11:38	11.79	80.06		
PLS-MW4d	2/17/2013	10:10	12.09	79.76		
PLS-MW4d	3/21/2013	8:30	12.85	79.00		
PLS-MW4d	4/16/2013	14:53	13.00	78.85		
PLS-MW4d	5/29/2013	15:12	12.91	78.94		
PLS-MW4d	6/17/2013	11:41	12.90	78.95		
PLS-MW4d	7/16/2013	11:55	12.13	79.72		
PLS-MW4d	8/26/2013	8:38	10.19	81.66		
PLS-MW4d	9/9/2013	15:40	10.24	81.61		
PLS-MW4d	10/7/2013	17:04	10.60	81.25		
PLS-MW4d	11/15/2013	13:56	11.62	80.23		
PLS-MW4d	12/17/2013	16:05	13.61	78.24		
PLS-MW5s	1/30/2012	12:10	N/M			
PLS-MW5s	2/8/2012	16:02	8.93	81.80	0.01	0.00
PLS-MW5s	3/5/2012	14:18	9.58	81.15	-0.10	-0.01
PLS-MW5s	4/5/2012	14:26	9.72	81.01	0.01	0.00
PLS-MW5s	5/10/2012	17:25	9.39	81.34	-0.05	-0.00
PLS-MW5s	6/18/2012	13:36	9.43	81.30	-0.02	-0.00
PLS-MW5s	7/9/2012	15:21	8.30	82.43	-0.08	-0.01
PLS-MW5s	8/15/2012	8:50	7.67	83.06	-1.02	-0.08

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
PLS-MW5s	9/20/2012	15:55	8.44	82.29	-0.26	-0.02
PLS-MW5s	10/19/2012	15:04	9.43	81.30	0.01	0.00
PLS-MW5s	12/11/2012	9:44	10.88	79.85	0.00	0.00
PLS-MW5s	12/28/2012	13:43	11.08	79.65	-0.02	-0.00
PLS-MW5s	1/16/2013	11:48	11.04	79.69	0.00	0.00
PLS-MW5s	2/17/2013	10:21	11.24	79.49	0.02	0.00
PLS-MW5s	3/21/2013	8:47	12.09	78.64	-0.02	-0.00
PLS-MW5s	4/16/2013	15:06	12.33	78.40	-0.01	-0.00
PLS-MW5s	5/29/2013	14:50	12.23	78.50	-0.08	-0.01
PLS-MW5s	6/17/2013	11:48	11.78	78.95	-0.02	-0.00
PLS-MW5s	7/16/2013	12:12	11.12	79.61	-0.01	-0.00
PLS-MW5s	8/26/2013	8:51	9.33	81.40	-0.04	-0.00
PLS-MW5s	9/9/2013	15:50	9.29	81.44	0.01	0.00
PLS-MW5s	10/7/2013	17:16	10.02	80.71	-0.01	-0.00
PLS-MW5s	11/15/2013	14:02	10.92	79.81	-0.03	-0.00
PLS-MW5s	12/17/2013	16:17	11.90	78.83	-0.02	-0.00
PLS-MW5d	1/30/2012	12:12	N/M			
PLS-MW5d	2/8/2012	16:03	8.83	81.79		
PLS-MW5d	3/5/2012	14:19	9.37	81.25		
PLS-MW5d	4/5/2012	14:27	9.62	81.00		
PLS-MW5d	5/10/2012	17:26	9.23	81.39		
PLS-MW5d	6/18/2012	13:35	9.30	81.32		
PLS-MW5d	7/9/2012	15:21	8.11	82.51		
PLS-MW5d	8/15/2012	8:50	6.54	84.08		
PLS-MW5d	9/20/2012	15:55	8.07	82.55		
PLS-MW5d	10/19/2012	15:04	9.33	81.29		
PLS-MW5d	12/11/2012	9:44	10.77	79.85		
PLS-MW5d	12/28/2012	13:44	10.95	79.67		
PLS-MW5d	1/16/2013	11:49	10.93	79.69		
PLS-MW5d	2/17/2013	10:22	11.15	79.47		
PLS-MW5d	3/21/2013	8:48	11.96	78.66		
PLS-MW5d	4/16/2013	15:06	12.21	78.41		
PLS-MW5d	5/29/2013	14:50	12.04	78.58		
PLS-MW5d	6/17/2013	11:49	11.65	78.97		
PLS-MW5d	7/16/2013	12:12	11.00	79.62		
PLS-MW5d	8/26/2013	8:51	9.18	81.44		
PLS-MW5d	9/9/2013	15:50	9.19	81.43		
PLS-MW5d	10/7/2013	17:16	9.90	80.72		
PLS-MW5d	11/15/2013	14:02	10.78	79.84		
PLS-MW5d	12/17/2013	16:17	11.77	78.85		
PLS-MW6s	1/30/2012	11:35	7.95	82.14	0.87	0.04
PLS-MW6s	2/8/2012	14:52	8.06	82.03	1.21	0.06
PLS-MW6s	3/5/2012	13:55	8.89	81.20	0.04	0.00
PLS-MW6s	4/5/2012	13:59	8.12	81.97	1.73	0.08
PLS-MW6s	5/10/2012	18:20	8.74	81.35	0.67	0.03
PLS-MW6s	6/18/2012	13:40	8.47	81.62	1.16	0.06
PLS-MW6s	7/9/2012	15:00	5.87	84.22	1.80	0.09
PLS-MW6s	8/15/2012	9:12	5.80	84.29	2.03	0.10
PLS-MW6s	9/20/2012	15:30	6.55	83.54	0.23	0.01
PLS-MW6s	10/19/2012	15:10	7.82	82.27	1.20	0.06
PLS-MW6s	12/11/2012	10:00	9.25	80.84	1.11	0.05
PLS-MW6s	12/28/2012	13:49	8.69	81.40	1.31	0.06
PLS-MW6s	1/16/2013	11:30	8.55	81.54	1.26	0.06
PLS-MW6s	2/17/2013	10:26	9.30	80.79	1.40	0.07
PLS-MW6s	3/21/2013	8:50	10.13	79.96	2.06	0.10
PLS-MW6s	4/16/2013	14:42	9.92	80.17	2.30	0.11
PLS-MW6s	5/29/2013	15:27	9.97	80.12	1.28	0.06
PLS-MW6s	6/17/2013	11:54	10.23	79.86	1.81	0.09
PLS-MW6s	7/16/2013	11:44	8.35	81.74	1.93	0.09
PLS-MW6s	8/26/2013	8:27	6.64	83.45	1.56	0.08
PLS-MW6s	9/9/2013	15:56	6.71	83.38	1.36	0.07
PLS-MW6s	10/7/2013	16:55	7.21	82.88	1.73	0.08
PLS-MW6s	11/15/2013	14:16	8.72	81.37	1.73	0.08
PLS-MW6s	12/17/2013	15:56	10.12	79.97	1.46	0.07
PLS-MW6d	1/30/2012	11:37	8.52	81.27		
PLS-MW6d	2/8/2012	14:53	8.97	80.82		
PLS-MW6d	3/5/2012	13:56	8.63	81.16		
PLS-MW6d	4/5/2012	14:02	9.55	80.24		
PLS-MW6d	5/10/2012	18:22	9.11	80.68		
PLS-MW6d	6/18/2012	13:39	9.33	80.46		
PLS-MW6d	7/9/2012	15:00	7.37	82.42		
PLS-MW6d	8/15/2012	9:12	7.53	82.26		
PLS-MW6d	9/20/2012	15:30	6.48	83.31		
PLS-MW6d	10/19/2012	15:10	8.72	81.07		
PLS-MW6d	12/11/2012	10:00	10.06	79.73		
PLS-MW6d	12/28/2012	13:50	9.70	80.09		
PLS-MW6d	1/16/2013	11:31	9.51	80.28		
PLS-MW6d	2/17/2013	10:27	10.40	79.39		
PLS-MW6d	3/21/2013	8:52	11.89	77.90		
PLS-MW6d	4/16/2013	14:42	11.92	77.87		
PLS-MW6d	5/29/2013	15:27	10.95	78.84		
PLS-MW6d	6/17/2013	11:55	11.74	78.05		
PLS-MW6d	7/16/2013	11:44	9.98	79.81		
PLS-MW6d	8/26/2013	8:27	7.90	81.89		
PLS-MW6d	9/9/2013	15:56	7.77	82.02		
PLS-MW6d	10/7/2013	16:55	8.64	81.15		
PLS-MW6d	11/15/2013	14:16	10.15	79.64		
PLS-MW6d	12/17/2013	15:56	11.28	78.51		
PLS-MW7s	1/30/2012	11:41	9.29	81.89	0.55	0.03
PLS-MW7s	2/8/2012	17:23	9.60	81.58	1.01	0.06
PLS-MW7s	3/5/2012	13:59	11.78	79.40	0.08	0.00
PLS-MW7s	4/5/2012	13:55	10.37	80.81	1.17	0.06
PLS-MW7s	5/10/2012	18:40	9.89	81.29	-0.34	-0.02
PLS-MW7s	6/18/2012	13:43	10.00	81.18	1.25	0.07
PLS-MW7s	7/9/2012	15:03	8.43	82.75	1.11	0.06
PLS-MW7s	8/15/2012	9:09	8.19	82.99	1.45	0.08
PLS-MW7s	9/20/2012	15:34	8.68	82.50	0.33	0.02
PLS-MW7s	10/19/2012	15:17	9.50	81.68	0.31	0.02
PLS-MW7s	12/11/2012	9:57	10.96	80.22	0.27	0.02
PLS-MW7s	12/28/2012	13:56	10.91	80.27	0.24	0.01
PLS-MW7s	1/16/2013	11:33	10.80	80.38	0.22	0.01
PLS-MW7s	2/17/2013	10:35	11.25	79.93	0.36	0.02
PLS-MW7s	3/21/2013	8:20	12.73	78.45	1.13	0.06
PLS-MW7s	4/16/2013	14:47	12.49	78.69	1.21	0.07
PLS-MW7s	5/29/2013	15:19	11.90	79.28	0.44	0.02
PLS-MW7s	6/17/2013	11:58	12.50	78.68	1.16	0.06
PLS-MW7s	7/16/2013	11:49	11.20	79.98	0.99	0.06
PLS-MW7s	8/26/2013	8:31	8.87	82.31	0.34	0.02
PLS-MW7s	9/9/2013	16:00	8.91	82.27	0.32	0.02
PLS-MW7s	10/7/2013	16:59	9.39	81.79	0.37	0.02
PLS-MW7s	11/15/2013	14:25	10.60	80.58	0.47	0.03
PLS-MW7s	12/17/2013	16:00	11.74	79.44	0.48	0.03
PLS-MW7d	1/30/2012	11:43	9.53	81.34		
PLS-MW7d	2/8/2012	17:24	10.30	80.57		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
PLS-MW7d	3/5/2012	14:00	11.55	79.32		
PLS-MW7d	4/5/2012	13:57	11.23	79.64		
PLS-MW7d	5/10/2012	18:41	9.24	81.63		
PLS-MW7d	6/18/2012	13:42	10.94	79.93		
PLS-MW7d	7/9/2012	15:03	9.23	81.64		
PLS-MW7d	8/15/2012	9:10	9.33	81.54		
PLS-MW7d	9/20/2012	15:34	8.70	82.17		
PLS-MW7d	10/19/2012	15:17	9.50	81.37		
PLS-MW7d	12/11/2012	9:57	10.92	79.95		
PLS-MW7d	12/28/2012	13:57	10.84	80.03		
PLS-MW7d	1/16/2013	11:34	10.71	80.16		
PLS-MW7d	2/17/2013	10:36	11.30	79.57		
PLS-MW7d	3/21/2013	8:20	13.55	77.32		
PLS-MW7d	4/16/2013	14:47	13.39	77.48		
PLS-MW7d	5/29/2013	15:19	12.03	78.84		
PLS-MW7d	6/17/2013	12:00	13.35	77.52		
PLS-MW7d	7/16/2013	11:49	11.88	78.99		
PLS-MW7d	8/26/2013	8:31	8.90	81.97		
PLS-MW7d	9/9/2013	16:00	8.92	81.95		
PLS-MW7d	10/7/2013	16:59	9.45	81.42		
PLS-MW7d	11/15/2013	14:25	10.76	80.11		
PLS-MW7d	12/17/2013	16:00	11.91	78.96		
CAE-MW1s	1/29/2012	10:33	11.48	97.29	-0.03	-0.00
CAE-MW1s	2/8/2012	13:08	11.40	97.37	-0.01	-0.00
CAE-MW1s	3/5/2012	14:45	12.40	96.37	-0.03	-0.00
CAE-MW1s	4/5/2012	12:19	11.85	96.92	-0.02	-0.00
CAE-MW1s	5/10/2012	10:40	14.16	94.61	0.01	0.00
CAE-MW1s	6/20/2012	14:34	14.66	94.11	-0.03	-0.00
CAE-MW1s	7/11/2012	9:53	15.38	93.39	-0.03	-0.00
CAE-MW1s	8/14/2012	16:02	15.30	93.47	0.01	0.00
CAE-MW1s	9/18/2012	9:29	15.26	93.51	0.00	0.00
CAE-MW1s	10/19/2012	13:50	14.80	93.97	-0.02	-0.00
CAE-MW1s	12/4/2012	14:18	13.69	95.08	0.00	0.00
CAE-MW1s	12/28/2012	15:00	13.29	95.48	-0.02	-0.00
CAE-MW1s	1/16/2013	12:52	12.99	95.78	-0.05	-0.00
CAE-MW1s	2/16/2013	16:54	14.80	93.97	-0.02	-0.00
CAE-MW1s	3/21/2013	14:21	14.80	93.97	-0.03	-0.00
CAE-MW1s	4/16/2013	16:23	14.03	94.74	-0.04	-0.00
CAE-MW1s	5/30/2013	15:57	15.10	93.67	0.02	0.00
CAE-MW1s	6/17/2013	10:13	15.92	92.85	0.02	0.00
CAE-MW1s	7/16/2013	11:15	16.89	91.88	0.04	0.00
CAE-MW1s	8/23/2013	14:04	Dry			
CAE-MW1s	9/9/2013	17:14	Dry			
CAE-MW1s	10/7/2013	18:25	Dry			
CAE-MW1s	11/15/2013	12:24	Dry			
CAE-MW1s	12/17/2013	17:13	Dry			
CAE-MW1d	1/29/2012	10:34	11.02	97.32		
CAE-MW1d	2/8/2012	13:09	10.96	97.38		
CAE-MW1d	3/5/2012	14:47	11.94	96.40		
CAE-MW1d	4/5/2012	12:21	11.40	96.94		
CAE-MW1d	5/10/2012	10:41	13.74	94.60		
CAE-MW1d	6/20/2012	14:35	14.20	94.14		
CAE-MW1d	7/11/2012	9:53	14.92	93.42		
CAE-MW1d	8/14/2012	16:02	14.88	93.46		
CAE-MW1d	9/18/2012	9:29	14.83	93.51		
CAE-MW1d	10/19/2012	13:50	14.35	93.99		
CAE-MW1d	12/4/2012	14:18	13.26	95.08		
CAE-MW1d	12/28/2012	15:01	12.84	95.50		
CAE-MW1d	1/16/2013	12:53	12.51	95.83		
CAE-MW1d	2/16/2013	16:55	14.35	93.99		
CAE-MW1d	3/21/2013	14:22	14.34	94.00		
CAE-MW1d	4/16/2013	16:23	13.56	94.78		
CAE-MW1d	5/30/2013	15:58	14.69	93.65		
CAE-MW1d	6/17/2013	14:14	15.51	92.83		
CAE-MW1d	7/16/2013	11:15	16.50	91.84		
CAE-MW1d	8/23/2013	14:04	17.23	91.11		
CAE-MW1d	9/9/2013	17:14	17.45	90.89		
CAE-MW1d	10/7/2013	18:25	17.97	90.37		
CAE-MW1d	11/15/2013	12:24	17.16	91.18		
CAE-MW1d	12/17/2013	17:13	16.57	91.77		
CAE-MW2s	1/29/2012	10:37	11.55	96.55	-0.05	-0.00
CAE-MW2s	2/8/2012	12:29	11.53	96.57	0.00	0.00
CAE-MW2s	3/5/2012	14:49	11.76	96.34	0.00	0.00
CAE-MW2s	4/5/2012	12:15	12.19	95.91	-0.02	-0.00
CAE-MW2s	5/10/2012	11:20	13.34	94.76	0.01	0.00
CAE-MW2s	6/20/2012	14:26	13.90	94.20	0.03	0.00
CAE-MW2s	7/11/2012	9:47	14.43	93.67	0.04	0.00
CAE-MW2s	8/14/2012	16:07	14.75	93.35	0.05	0.00
CAE-MW2s	9/18/2012	9:23	14.77	93.33	0.00	0.00
CAE-MW2s	10/19/2012	13:45	14.57	93.53	0.00	0.00
CAE-MW2s	12/4/2012	14:12	13.85	94.25	0.01	0.00
CAE-MW2s	12/28/2012	14:56	13.39	94.71	0.00	0.00
CAE-MW2s	1/16/2013	12:46	13.08	95.02	0.00	0.00
CAE-MW2s	2/16/2013	16:43	14.10	94.00	0.05	0.00
CAE-MW2s	3/21/2013	14:17	14.54	93.56	0.01	0.00
CAE-MW2s	4/16/2013	16:16	14.13	93.97	0.01	0.00
CAE-MW2s	5/30/2013	15:46	14.67	93.43	-0.04	-0.00
CAE-MW2s	6/17/2013	10:00	15.23	92.87	0.01	0.00
CAE-MW2s	7/16/2013	11:23	16.18	91.92	-0.02	-0.00
CAE-MW2s	8/23/2013	13:56	17.17	90.93	-0.02	-0.00
CAE-MW2s	9/9/2013	17:20	Dry			
CAE-MW2s	10/7/2013	18:15	Dry			
CAE-MW2s	11/15/2013	12:22	Dry			
CAE-MW2s	12/17/2013	17:06	Dry			
CAE-MW2d	1/29/2012	10:38	11.30	96.60		
CAE-MW2d	2/8/2012	12:30	11.33	96.57		
CAE-MW2d	3/5/2012	14:52	11.56	96.34		
CAE-MW2d	4/5/2012	12:16	11.97	95.93		
CAE-MW2d	5/10/2012	11:21	13.15	94.75		
CAE-MW2d	6/20/2012	14:27	13.73	94.17		
CAE-MW2d	7/11/2012	9:47	14.27	93.63		
CAE-MW2d	8/14/2012	16:07	14.60	93.30		
CAE-MW2d	9/18/2012	9:23	14.57	93.33		
CAE-MW2d	10/19/2012	13:45	14.37	93.53		
CAE-MW2d	12/4/2012	14:12	13.66	94.24		
CAE-MW2d	12/28/2012	14:57	13.19	94.71		
CAE-MW2d	1/16/2013	12:47	12.88	95.02		
CAE-MW2d	2/16/2013	16:45	13.95	93.95		
CAE-MW2d	3/21/2013	14:18	14.35	93.55		
CAE-MW2d	4/16/2013	16:16	13.94	93.96		
CAE-MW2d	5/30/2013	15:47	14.43	93.47		
CAE-MW2d	6/17/2013	10:02	15.04	92.86		
CAE-MW2d	7/16/2013	11:23	15.96	91.94		
CAE-MW2d	8/23/2013	13:56	16.95	90.95		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
CAE-MW2d	9/9/2013	17:20	17.13	90.77		
CAE-MW2d	10/7/2013	18:15	17.48	90.42		
CAE-MW2d	11/15/2013	12:22	17.73	90.17		
CAE-MW2d	12/17/2013	17:06	17.22	90.68		
CAE-MW3s	1/29/2012	10:44	11.22	96.14	0.00	0.00
CAE-MW3s	2/8/2012	12:46	11.20	96.16	-0.03	-0.00
CAE-MW3s	3/5/2012	14:53	11.71	95.65	0.00	0.00
CAE-MW3s	4/5/2012	12:10	11.70	95.66	-0.03	-0.00
CAE-MW3s	5/10/2012	11:40	13.61	93.75	0.04	0.00
CAE-MW3s	6/20/2012	14:23	14.53	92.83	0.03	0.00
CAE-MW3s	7/11/2012	9:45	15.50	91.86	0.98	0.08
CAE-MW3s	8/14/2012	16:04	15.75	91.61	-0.03	-0.00
CAE-MW3s	9/18/2012	9:20	15.42	91.94	-0.01	-0.00
CAE-MW3s	10/19/2012	13:40	14.99	92.37	-0.01	-0.00
CAE-MW3s	12/4/2012	14:15	13.53	93.83	-0.02	-0.00
CAE-MW3s	12/28/2012	14:50	12.99	94.37	-0.02	-0.00
CAE-MW3s	1/16/2013	12:43	12.62	94.74	-0.01	-0.00
CAE-MW3s	2/16/2013	16:41	14.33	93.03	0.02	0.00
CAE-MW3s	3/21/2013	14:10	14.64	92.72	0.01	0.00
CAE-MW3s	4/16/2013	16:13	14.10	93.26	-0.01	-0.00
CAE-MW3s	5/30/2013	15:43	15.08	92.28	0.00	0.00
CAE-MW3s	6/17/2013	10:04	16.05	91.31	-0.01	-0.00
CAE-MW3s	7/16/2013	11:26	Dry			
CAE-MW3s	8/23/2013	13:54	Dry			
CAE-MW3s	9/9/2013	17:17	Dry			
CAE-MW3s	10/7/2013	18:12	Dry			
CAE-MW3s	11/15/2013	12:20	Dry			
CAE-MW3s	12/17/2013	17:04	Dry			
CAE-MW3d	1/29/2012	10:45	11.12	96.14		
CAE-MW3d	2/8/2012	12:47	11.07	96.19		
CAE-MW3d	3/5/2012	14:57	11.61	95.65		
CAE-MW3d	4/5/2012	12:12	11.57	95.69		
CAE-MW3d	5/10/2012	11:41	13.55	93.71		
CAE-MW3d	6/20/2012	14:24	14.46	92.80		
CAE-MW3d	7/11/2012	9:45	16.38	90.88		
CAE-MW3d	8/14/2012	16:05	15.62	91.64		
CAE-MW3d	9/18/2012	9:20	15.31	91.95		
CAE-MW3d	10/19/2012	13:40	14.88	92.38		
CAE-MW3d	12/4/2012	14:15	13.41	93.85		
CAE-MW3d	12/28/2012	14:51	12.87	94.39		
CAE-MW3d	1/16/2013	12:44	12.51	94.75		
CAE-MW3d	2/16/2013	16:42	14.25	93.01		
CAE-MW3d	3/21/2013	14:11	14.55	92.71		
CAE-MW3d	4/16/2013	16:13	13.99	93.27		
CAE-MW3d	5/30/2013	15:44	14.98	92.28		
CAE-MW3d	6/17/2013	10:05	15.94	91.32		
CAE-MW3d	7/16/2013	11:26	17.39	89.87		
CAE-MW3d	8/23/2013	13:54	18.21	89.05		
CAE-MW3d	9/9/2013	17:17	18.20	89.06		
CAE-MW3d	10/7/2013	18:12	18.48	88.78		
CAE-MW3d	11/15/2013	12:20	17.90	89.36		
CAE-MW3d	12/17/2013	17:04	17.16	90.10		
CAE-MW4s	1/29/2012	10:47	12.12	97.29	0.00	0.00
CAE-MW4s	2/8/2012	13:35	12.14	97.27	-0.01	-0.00
CAE-MW4s	3/5/2012	14:58	12.37	97.04	-0.01	-0.00
CAE-MW4s	4/5/2012	12:25	12.78	96.63	0.01	0.00
CAE-MW4s	5/10/2012	10:55	13.67	95.74	0.05	0.00
CAE-MW4s	6/20/2012	14:31	14.00	95.41	0.01	0.00
CAE-MW4s	7/11/2012	9:50	14.45	94.96	0.05	0.00
CAE-MW4s	8/14/2012	16:00	14.59	94.82	-0.08	-0.00
CAE-MW4s	9/18/2012	9:26	14.79	94.62	0.03	0.00
CAE-MW4s	10/19/2012	13:56	14.76	94.65	0.00	0.00
CAE-MW4s	12/4/2012	14:09	14.39	95.02	0.00	0.00
CAE-MW4s	12/28/2012	15:07	13.97	95.44	0.01	0.00
CAE-MW4s	1/16/2013	12:50	13.75	95.66	0.00	0.00
CAE-MW4s	2/16/2013	16:51	14.64	94.77	0.02	0.00
CAE-MW4s	3/21/2013	14:18	15.02	94.39	0.00	0.00
CAE-MW4s	4/16/2013	16:19	14.59	94.82	-0.02	-0.00
CAE-MW4s	5/30/2013	15:53	14.86	94.55	0.03	0.00
CAE-MW4s	6/17/2013	10:10	15.22	94.19	0.02	0.00
CAE-MW4s	7/16/2013	11:10	15.83	93.58	0.05	0.00
CAE-MW4s	8/23/2013	14:01	16.64	92.77	0.23	0.01
CAE-MW4s	9/9/2013	17:11	17.10	92.31	0.06	0.00
CAE-MW4s	10/7/2013	18:20	17.58	91.83	0.03	0.00
CAE-MW4s	11/15/2013	12:26	18.08	91.33	-0.01	-0.00
CAE-MW4s	12/17/2013	17:10	17.64	91.77	-0.03	-0.00
CAE-MW4d	1/29/2012	10:47	11.90	97.29		
CAE-MW4d	2/8/2012	13:36	11.91	97.28		
CAE-MW4d	3/5/2012	14:59	12.14	97.05		
CAE-MW4d	4/5/2012	12:27	12.57	96.62		
CAE-MW4d	5/10/2012	10:55	13.50	95.69		
CAE-MW4d	6/20/2012	14:32	13.79	95.40		
CAE-MW4d	7/11/2012	9:50	14.28	94.91		
CAE-MW4d	8/14/2012	16:00	14.29	94.90		
CAE-MW4d	9/18/2012	9:26	14.60	94.59		
CAE-MW4d	10/19/2012	13:56	14.54	94.65		
CAE-MW4d	12/4/2012	14:09	14.17	95.02		
CAE-MW4d	12/28/2012	15:08	13.76	95.43		
CAE-MW4d	1/16/2013	12:51	13.53	95.66		
CAE-MW4d	2/16/2013	16:52	14.44	94.75		
CAE-MW4d	3/21/2013	14:19	14.80	94.39		
CAE-MW4d	4/16/2013	16:19	14.35	94.84		
CAE-MW4d	5/30/2013	15:54	14.67	94.52		
CAE-MW4d	6/17/2013	10:11	15.02	94.17		
CAE-MW4d	7/16/2013	11:10	15.66	93.53		
CAE-MW4d	8/23/2013	14:01	16.65	92.54		
CAE-MW4d	9/9/2013	17:11	16.94	92.25		
CAE-MW4d	10/7/2013	18:20	17.39	91.80		
CAE-MW4d	11/15/2013	12:26	17.85	91.34		
CAE-MW4d	12/17/2013	17:10	17.39	91.80		
CAE-MW5s	1/29/2012	10:49	8.73	99.77	0.00	0.00
CAE-MW5s	2/8/2012	13:58	8.83	99.67	0.00	0.00
CAE-MW5s	3/5/2012	15:03	8.90	99.60	0.03	0.00
CAE-MW5s	4/5/2012	12:30	9.55	98.95	-0.01	-0.00
CAE-MW5s	5/10/2012	10:18	9.50	99.00	0.04	0.00
CAE-MW5s	6/20/2012	14:41	8.26	100.24	-0.58	-0.03
CAE-MW5s	7/11/2012	9:58	8.22	100.28	0.04	0.00
CAE-MW5s	8/14/2012	16:10	8.20	100.30	0.04	0.00
CAE-MW5s	9/18/2012	9:34	9.14	99.36	0.05	0.00
CAE-MW5s	10/19/2012	14:00	9.71	98.79	0.01	0.00
CAE-MW5s	12/4/2012	14:24	10.56	97.94	0.04	0.00
CAE-MW5s	12/28/2012	15:13	10.30	98.20	0.01	0.00
CAE-MW5s	1/16/2013	12:55	10.40	98.10	0.02	0.00
CAE-MW5s	2/16/2013	16:59	10.80	97.70	0.01	0.00

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
CAE-MW5s	3/21/2013	14:23	10.57	97.93	0.05	0.00
CAE-MW5s	4/16/2013	16:28	10.53	97.97	0.04	0.00
CAE-MW5s	5/30/2013	16:07	9.52	98.98	0.08	0.00
CAE-MW5s	6/17/2013	10:18	9.30	99.20	0.01	0.00
CAE-MW5s	7/16/2013	11:05	9.19	99.31	0.02	0.00
CAE-MW5s	8/23/2013	14:11	10.48	98.02	0.05	0.00
CAE-MW5s	9/9/2013	17:26	10.86	97.64	0.08	0.00
CAE-MW5s	10/7/2013	18:33	11.18	97.32	0.05	0.00
CAE-MW5s	11/15/2013	12:28	12.83	95.67	0.00	0.00
CAE-MW5s	12/17/2013	17:18	13.10	95.40	-0.01	-0.00
CAE-MW5d	1/29/2012	10:50	8.32	99.77		
CAE-MW5d	2/8/2012	13:59	8.42	99.67		
CAE-MW5d	3/5/2012	15:05	8.52	99.57		
CAE-MW5d	4/5/2012	12:31	9.13	98.96		
CAE-MW5d	5/10/2012	10:20	9.13	98.96		
CAE-MW5d	6/20/2012	14:42	7.27	100.82		
CAE-MW5d	7/11/2012	9:58	7.85	100.24		
CAE-MW5d	8/14/2012	16:11	7.83	100.26		
CAE-MW5d	9/18/2012	9:34	8.78	99.31		
CAE-MW5d	10/19/2012	14:00	9.31	98.78		
CAE-MW5d	12/4/2012	14:24	10.19	97.90		
CAE-MW5d	12/28/2012	15:14	9.90	98.19		
CAE-MW5d	1/16/2013	12:56	10.01	98.08		
CAE-MW5d	2/16/2013	17:00	10.40	97.69		
CAE-MW5d	3/21/2013	14:24	10.21	97.88		
CAE-MW5d	4/16/2013	16:28	10.16	97.93		
CAE-MW5d	5/30/2013	16:08	9.19	98.90		
CAE-MW5d	6/17/2013	10:20	8.90	99.19		
CAE-MW5d	7/16/2013	11:05	8.80	99.29		
CAE-MW5d	8/23/2013	14:11	10.12	97.97		
CAE-MW5d	9/9/2013	17:26	10.53	97.56		
CAE-MW5d	10/7/2013	18:33	10.82	97.27		
CAE-MW5d	11/15/2013	12:28	12.42	95.67		
CAE-MW5d	12/17/2013	17:18	12.68	95.41		
CAE-MW6s	1/29/2012	10:53	11.00	100.55	-0.02	-0.00
CAE-MW6s	2/9/2012	9:50	11.15	100.40	0.01	0.00
CAE-MW6s	3/5/2012	15:08	11.47	100.08	0.03	0.00
CAE-MW6s	4/5/2012	12:36	11.82	99.73	0.01	0.00
CAE-MW6s	5/10/2012	10:00	11.64	99.91	0.02	0.00
CAE-MW6s	6/20/2012	14:44	9.83	101.72	0.03	0.00
CAE-MW6s	7/11/2012	10:00	9.85	101.70	0.02	0.00
CAE-MW6s	8/14/2012	16:13	10.04	101.51	0.01	0.00
CAE-MW6s	9/18/2012	9:37	10.98	100.57	0.03	0.00
CAE-MW6s	10/19/2012	14:05	11.55	100.00	0.00	0.00
CAE-MW6s	12/4/2012	14:21	12.74	98.81	0.00	0.00
CAE-MW6s	12/28/2012	15:18	12.55	99.00	0.02	0.00
CAE-MW6s	1/16/2013	13:00	12.73	98.82	0.02	0.00
CAE-MW6s	2/16/2013	17:02	13.11	98.44	0.02	0.00
CAE-MW6s	3/21/2013	14:30	12.61	98.94	0.02	0.00
CAE-MW6s	4/16/2013	16:32	12.83	98.72	0.02	0.00
CAE-MW6s	5/30/2013	16:12	11.79	99.76	0.01	0.00
CAE-MW6s	6/17/2013	10:21	11.35	100.20	0.01	0.00
CAE-MW6s	7/16/2013	11:03	11.12	100.43	0.01	0.00
CAE-MW6s	8/23/2013	14:14	12.32	99.23	0.00	0.00
CAE-MW6s	9/9/2013	17:30	12.77	98.78	0.03	0.00
CAE-MW6s	10/7/2013	18:37	13.04	98.51	0.10	0.01
CAE-MW6s	11/15/2013	12:30	14.71	96.84	0.00	0.00
CAE-MW6s	12/17/2013	17:21	15.11	96.44	0.01	0.00
CAE-MW6d	1/29/2012	10:53	10.85	100.57		
CAE-MW6d	2/9/2012	9:51	11.03	100.39		
CAE-MW6d	3/5/2012	15:10	11.37	100.05		
CAE-MW6d	4/5/2012	12:37	11.70	99.72		
CAE-MW6d	5/10/2012	10:00	11.53	99.89		
CAE-MW6d	6/20/2012	14:45	9.73	101.69		
CAE-MW6d	7/11/2012	10:00	9.74	101.68		
CAE-MW6d	8/14/2012	16:14	9.92	101.50		
CAE-MW6d	9/18/2012	9:37	10.88	100.54		
CAE-MW6d	10/19/2012	14:05	11.42	100.00		
CAE-MW6d	12/4/2012	14:21	12.61	98.81		
CAE-MW6d	12/28/2012	15:19	12.44	98.98		
CAE-MW6d	1/16/2013	13:01	12.62	98.80		
CAE-MW6d	2/16/2013	17:03	13.00	98.42		
CAE-MW6d	3/21/2013	14:31	12.50	98.92		
CAE-MW6d	4/16/2013	16:32	12.72	98.70		
CAE-MW6d	5/30/2013	16:13	11.67	99.75		
CAE-MW6d	6/17/2013	10:22	11.23	100.19		
CAE-MW6d	7/16/2013	11:03	11.00	100.42		
CAE-MW6d	8/23/2013	14:14	12.19	99.23		
CAE-MW6d	9/9/2013	17:30	12.67	98.75		
CAE-MW6d	10/7/2013	18:37	13.01	98.41		
CAE-MW6d	11/15/2013	12:30	14.58	96.84		
CAE-MW6d	12/17/2013	17:21	14.99	96.43		
ROB-MW1s	1/29/2012	11:32	11.86	62.03	-0.02	-0.00
ROB-MW1s	2/7/2012	13:38	11.30	62.59	-0.02	-0.00
ROB-MW1s	3/5/2012	16:11	11.00	62.89	0.17	0.01
ROB-MW1s	4/5/2012	12:40	Dry			
ROB-MW1s	5/8/2012	12:33	12.19	61.70	0.00	0.00
ROB-MW1s	6/18/2012	9:12	11.83	62.06	-0.02	-0.00
ROB-MW1s	7/9/2012	9:29	Dry			
ROB-MW1s	8/13/2012	10:32	Dry			
ROB-MW1s	9/17/2012	10:43	Dry			
ROB-MW1s	10/19/2012	10:15	17.97	55.92	0.01	0.00
ROB-MW1s	12/4/2012	11:55	15.20	58.69	0.01	0.00
ROB-MW1s	12/28/2012	9:20	14.98	58.91	0.71	0.05
ROB-MW1s	1/15/2013	13:15	12.95	60.94	0.01	0.00
ROB-MW1s	2/16/2013	13:56	15.50	58.39	-0.01	-0.00
ROB-MW1s	3/18/2013	13:26	Dry			
ROB-MW1s	4/16/2013	9:43	17.43	56.46	0.03	0.00
ROB-MW1s	5/28/2013	10:10	17.19	56.70	-0.01	-0.00
ROB-MW1s	6/17/2013	17:13	Dry			
ROB-MW1s	7/15/2013	14:34	Dry			
ROB-MW1s	8/22/2013	8:32	Dry			
ROB-MW1s	9/9/2013	12:19	18.20	55.69	-0.01	-0.00
ROB-MW1s	10/7/2013	12:35	Dry			
ROB-MW1s	11/12/2013	15:52	16.18	57.71	0.02	0.00
ROB-MW1s	12/17/2013	12:04	15.99	57.90	-0.01	-0.00
ROB-MW1d	1/29/2012	11:32	11.54	62.05		
ROB-MW1d	2/7/2012	13:39	10.98	62.61		
ROB-MW1d	3/5/2012	16:12	10.87	62.72		
ROB-MW1d	4/5/2012	12:41	18.44	55.15		
ROB-MW1d	5/8/2012	12:34	11.89	61.70		
ROB-MW1d	6/18/2012	9:11	11.51	62.08		
ROB-MW1d	7/9/2012	9:28	19.10	54.49		
ROB-MW1d	8/13/2012	10:33	25.24	48.35		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
ROB-MW1d	9/17/2012	10:43	18.98	54.61		
ROB-MW1d	10/19/2012	10:15	17.68	55.91		
ROB-MW1d	12/4/2012	11:55	14.91	58.68		
ROB-MW1d	12/28/2012	9:21	15.39	58.20		
ROB-MW1d	1/15/2013	13:16	12.66	60.93		
ROB-MW1d	2/16/2013	13:56	15.19	58.40		
ROB-MW1d	3/18/2013	13:27	24.48	49.11		
ROB-MW1d	4/16/2013	9:43	17.16	56.43		
ROB-MW1d	5/28/2013	10:10	16.88	56.71		
ROB-MW1d	6/17/2013	17:13	24.79	48.80		
ROB-MW1d	7/15/2013	14:34	27.55	46.04		
ROB-MW1d	8/22/2013	8:32	22.75	50.84		
ROB-MW1d	9/9/2013	12:19	17.89	55.70		
ROB-MW1d	10/7/2013	12:35	20.74	52.85		
ROB-MW1d	11/12/2013	15:52	15.90	57.69		
ROB-MW1d	12/17/2013	12:04	15.68	57.91		
ROB-MW2s	1/29/2012	11:36	12.47	61.69	-0.06	-0.00
ROB-MW2s	2/7/2012	13:17	11.70	62.46	0.00	0.00
ROB-MW2s	3/5/2012	16:15	12.65	61.51	0.14	0.01
ROB-MW2s	4/5/2012	12:35	14.14	60.02	0.52	0.04
ROB-MW2s	5/8/2012	12:52	12.47	61.69	0.00	0.00
ROB-MW2s	6/18/2012	9:10	12.32	61.84	0.01	0.00
ROB-MW2s	7/9/2012	9:26	14.93	59.23	0.18	0.01
ROB-MW2s	8/13/2012	10:35	Dry			
ROB-MW2s	9/17/2012	10:41	Dry			
ROB-MW2s	10/19/2012	10:12	Dry			
ROB-MW2s	12/4/2012	11:57	15.79	58.37	0.03	0.00
ROB-MW2s	12/28/2012	9:56	15.79	58.37	-0.02	-0.00
ROB-MW2s	1/15/2013	13:18	13.79	60.37	-0.03	-0.00
ROB-MW2s	2/16/2013	13:49	15.30	58.86	-0.01	-0.00
ROB-MW2s	3/18/2013	13:23	Dry			
ROB-MW2s	4/16/2013	9:40	Dry			
ROB-MW2s	5/28/2013	10:14	17.70	56.46	-0.03	-0.00
ROB-MW2s	6/17/2013	17:16	Dry			
ROB-MW2s	7/15/2013	14:31	Dry			
ROB-MW2s	8/22/2013	8:30	Dry			
ROB-MW2s	9/9/2013	12:17	Dry			
ROB-MW2s	10/7/2013	12:37	Dry			
ROB-MW2s	11/12/2013	15:54	16.94	57.22	-0.03	-0.00
ROB-MW2s	12/17/2013	12:07	16.52	57.64	-0.03	-0.00
ROB-MW2d	1/29/2012	11:37	12.25	61.75		
ROB-MW2d	2/7/2012	13:18	11.54	62.46		
ROB-MW2d	3/5/2012	16:16	12.63	61.37		
ROB-MW2d	4/5/2012	12:36	14.50	59.50		
ROB-MW2d	5/8/2012	12:53	12.31	61.69		
ROB-MW2d	6/18/2012	9:09	12.17	61.83		
ROB-MW2d	7/9/2012	9:25	14.95	59.05		
ROB-MW2d	8/13/2012	10:36	21.41	52.59		
ROB-MW2d	9/17/2012	10:41	19.52	54.48		
ROB-MW2d	10/19/2012	10:12	18.61	55.39		
ROB-MW2d	12/4/2012	11:57	15.66	58.34		
ROB-MW2d	12/28/2012	9:57	15.61	58.39		
ROB-MW2d	1/15/2013	13:19	13.60	60.40		
ROB-MW2d	2/16/2013	13:49	15.13	58.87		
ROB-MW2d	3/18/2013	13:24	20.48	53.52		
ROB-MW2d	4/16/2013	9:40	17.95	56.05		
ROB-MW2d	5/28/2013	10:14	17.51	56.49		
ROB-MW2d	6/17/2013	17:16	21.64	52.36		
ROB-MW2d	7/15/2013	14:31	23.73	50.27		
ROB-MW2d	8/22/2013	8:30	22.12	51.88		
ROB-MW2d	9/9/2013	12:17	18.93	55.07		
ROB-MW2d	10/7/2013	12:37	19.22	54.78		
ROB-MW2d	11/12/2013	15:54	16.75	57.25		
ROB-MW2d	12/17/2013	12:07	16.33	57.67		
ROB-MW3s	1/29/2012	11:40	10.65	62.77	0.02	0.00
ROB-MW3s	2/7/2012	13:00	10.65	62.77	-0.01	-0.00
ROB-MW3s	3/5/2012	16:19	11.20	62.22	1.62	0.12
ROB-MW3s	4/5/2012	12:25	10.77	62.65	-0.02	-0.00
ROB-MW3s	5/8/2012	13:19	11.13	62.29	0.02	0.00
ROB-MW3s	6/18/2012	9:17	12.09	61.33	-0.04	-0.00
ROB-MW3s	7/9/2012	9:34	12.36	61.06	0.01	0.00
ROB-MW3s	8/13/2012	10:39	14.93	58.49	0.01	0.00
ROB-MW3s	9/17/2012	10:48	17.49	55.93	-0.04	-0.00
ROB-MW3s	10/19/2012	9:57	18.18	55.24	0.03	0.00
ROB-MW3s	12/4/2012	12:00	16.52	56.90	0.01	0.00
ROB-MW3s	12/28/2012	9:50	14.92	58.50	-0.29	-0.02
ROB-MW3s	1/15/2013	13:40	14.84	58.58	-0.03	-0.00
ROB-MW3s	2/16/2013	13:36	13.88	59.54	-0.02	-0.00
ROB-MW3s	3/18/2013	13:20	Dry			
ROB-MW3s	4/16/2013	9:36	16.09	57.33	-0.01	-0.00
ROB-MW3s	5/28/2013	10:18	17.45	55.97	-0.02	-0.00
ROB-MW3s	6/17/2013	17:20	18.05	55.37	0.00	0.00
ROB-MW3s	7/15/2013	14:27	18.64	54.78	0.01	0.00
ROB-MW3s	8/22/2013	8:25	Dry			
ROB-MW3s	9/9/2013	12:12	Dry			
ROB-MW3s	10/7/2013	12:43	Dry			
ROB-MW3s	11/12/2013	15:59	Dry			
ROB-MW3s	12/17/2013	12:10	17.18	56.24	-0.04	-0.00
ROB-MW3d	1/29/2012	11:41	10.55	62.75		
ROB-MW3d	2/7/2012	13:01	10.52	62.78		
ROB-MW3d	3/5/2012	16:20	12.70	60.60		
ROB-MW3d	4/5/2012	12:26	10.63	62.67		
ROB-MW3d	5/8/2012	13:19	11.03	62.27		
ROB-MW3d	6/18/2012	9:16	11.93	61.37		
ROB-MW3d	7/9/2012	9:33	12.25	61.05		
ROB-MW3d	8/13/2012	10:40	14.82	58.48		
ROB-MW3d	9/17/2012	10:48	17.33	55.97		
ROB-MW3d	10/19/2012	9:57	18.09	55.21		
ROB-MW3d	12/4/2012	12:00	16.41	56.89		
ROB-MW3d	12/28/2012	9:51	14.51	58.79		
ROB-MW3d	1/15/2013	13:41	14.69	58.61		
ROB-MW3d	2/16/2013	13:36	13.74	59.56		
ROB-MW3d	3/18/2013	13:21	14.93	58.37		
ROB-MW3d	4/16/2013	9:36	15.96	57.34		
ROB-MW3d	5/28/2013	10:18	17.31	55.99		
ROB-MW3d	6/17/2013	17:20	17.93	55.37		
ROB-MW3d	7/15/2013	14:27	18.53	54.77		
ROB-MW3d	8/22/2013	8:25	19.26	54.04		
ROB-MW3d	9/9/2013	12:12	19.12	54.18		
ROB-MW3d	10/7/2013	12:43	19.26	54.04		
ROB-MW3d	11/12/2013	15:59	18.34	54.96		
ROB-MW3d	12/17/2013	12:10	17.02	56.28		
ROB-MW4s	1/29/2012	11:22	10.12	62.71	0.05	0.00
ROB-MW4s	2/7/2012	12:47	10.70	62.13	-0.70	-0.05

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
ROB-MW4s	3/5/2012	16:23	11.62	61.21	0.74	0.06
ROB-MW4s	4/5/2012	12:20	9.87	62.96	-0.03	-0.00
ROB-MW4s	5/8/2012	13:37	10.29	62.54	0.00	0.00
ROB-MW4s	6/18/2012	9:21	11.50	61.33	-0.03	-0.00
ROB-MW4s	7/9/2012	9:37	11.26	61.57	0.04	0.00
ROB-MW4s	8/13/2012	10:42	14.03	58.80	0.01	0.00
ROB-MW4s	9/17/2012	10:51	16.58	56.25	0.03	0.00
ROB-MW4s	10/19/2012	9:53	17.59	55.24	0.00	0.00
ROB-MW4s	12/4/2012	12:02	16.10	56.73	0.02	0.00
ROB-MW4s	12/28/2012	9:46	14.71	58.12	-0.07	-0.01
ROB-MW4s	1/15/2013	13:34	14.26	58.57	0.11	0.01
ROB-MW4s	2/16/2013	13:34	13.34	59.49	-0.02	-0.00
ROB-MW4s	3/18/2013	13:16	Dry			
ROB-MW4s	4/16/2013	9:30	15.32	57.51	0.01	0.00
ROB-MW4s	5/28/2013	10:22	16.80	56.03	-0.28	-0.02
ROB-MW4s	6/17/2013	17:23	17.26	55.57	0.00	0.00
ROB-MW4s	7/15/2013	14:24	17.49	55.34	0.00	0.00
ROB-MW4s	8/22/2013	8:20	Dry			
ROB-MW4s	9/9/2013	12:09	Dry			
ROB-MW4s	10/7/2013	12:47	Dry			
ROB-MW4s	11/12/2013	16:01	Dry			
ROB-MW4s	12/17/2013	12:13	16.73	56.10	-0.02	-0.00
ROB-MW4d	1/29/2012	11:23	9.98	62.66		
ROB-MW4d	2/7/2012	12:48	9.81	62.83		
ROB-MW4d	3/5/2012	16:24	12.17	60.47		
ROB-MW4d	4/5/2012	12:22	9.65	62.99		
ROB-MW4d	5/8/2012	13:38	10.10	62.54		
ROB-MW4d	6/18/2012	9:20	11.28	61.36		
ROB-MW4d	7/9/2012	9:36	11.11	61.53		
ROB-MW4d	8/13/2012	10:43	13.85	58.79		
ROB-MW4d	9/17/2012	10:51	16.42	56.22		
ROB-MW4d	10/19/2012	9:53	17.40	55.24		
ROB-MW4d	12/4/2012	12:02	15.93	56.71		
ROB-MW4d	12/28/2012	9:47	14.45	58.19		
ROB-MW4d	1/15/2013	13:35	14.18	58.46		
ROB-MW4d	2/16/2013	13:34	13.13	59.51		
ROB-MW4d	3/18/2013	13:17	14.11	58.53		
ROB-MW4d	4/16/2013	9:30	15.14	57.50		
ROB-MW4d	5/28/2013	10:22	16.33	56.31		
ROB-MW4d	6/17/2013	17:23	17.07	55.57		
ROB-MW4d	7/15/2013	14:24	17.30	55.34		
ROB-MW4d	8/22/2013	8:20	18.01	54.63		
ROB-MW4d	9/9/2013	12:09	18.28	54.36		
ROB-MW4d	10/7/2013	12:47	18.51	54.13		
ROB-MW4d	11/12/2013	16:01	17.84	54.80		
ROB-MW4d	12/17/2013	12:13	16.52	56.12		
ROB-MW5s	1/29/2012	11:28	10.61	63.43	-0.02	-0.00
ROB-MW5s	2/7/2012	12:23	10.52	63.52	0.01	0.00
ROB-MW5s	3/5/2012	16:29	Dry			
ROB-MW5s	4/5/2012	12:54	10.99	63.05	-0.01	-0.00
ROB-MW5s	5/8/2012	14:01	11.40	62.64	-0.02	-0.00
ROB-MW5s	6/18/2012	9:27	12.23	61.81	-0.02	-0.00
ROB-MW5s	7/9/2012	9:40	12.42	61.62	-0.03	-0.00
ROB-MW5s	8/13/2012	10:50	Dry			
ROB-MW5s	9/17/2012	10:56	Dry			
ROB-MW5s	10/19/2012	10:08	Dry			
ROB-MW5s	12/4/2012	12:05	Dry			
ROB-MW5s	12/28/2012	9:27	14.19	59.85	-0.19	-0.01
ROB-MW5s	1/15/2013	13:25	14.48	59.56	-0.03	-0.00
ROB-MW5s	2/16/2013	13:32	13.63	60.41	-0.03	-0.00
ROB-MW5s	3/18/2013	13:12	Dry			
ROB-MW5s	4/16/2013	9:25	Dry			
ROB-MW5s	5/28/2013	10:27	Dry			
ROB-MW5s	6/17/2013	17:29	Dry			
ROB-MW5s	7/15/2013	14:19	Dry			
ROB-MW5s	8/22/2013	8:16	Dry			
ROB-MW5s	9/9/2013	12:04	Dry			
ROB-MW5s	10/7/2013	12:53	Dry			
ROB-MW5s	11/12/2013	16:06	Dry			
ROB-MW5s	12/17/2013	12:17	Dry			
ROB-MW5d	1/29/2012	11:28	10.48	63.45		
ROB-MW5d	2/7/2012	12:24	10.42	63.51		
ROB-MW5d	3/5/2012	16:30	19.16	54.77		
ROB-MW5d	4/5/2012	12:55	10.87	63.06		
ROB-MW5d	5/8/2012	14:02	11.27	62.66		
ROB-MW5d	6/18/2012	9:26	12.10	61.83		
ROB-MW5d	7/9/2012	9:39	12.28	61.65		
ROB-MW5d	8/13/2012	10:51	15.31	58.62		
ROB-MW5d	9/17/2012	10:55	16.16	57.77		
ROB-MW5d	10/19/2012	10:08	18.29	55.64		
ROB-MW5d	12/4/2012	12:05	16.44	57.49		
ROB-MW5d	12/28/2012	9:28	13.89	60.04		
ROB-MW5d	1/15/2013	13:26	14.34	59.59		
ROB-MW5d	2/16/2013	13:32	13.49	60.44		
ROB-MW5d	3/18/2013	13:13	14.92	59.01		
ROB-MW5d	4/16/2013	9:25	16.56	57.37		
ROB-MW5d	5/28/2013	10:27	17.56	56.37		
ROB-MW5d	6/17/2013	17:29	17.89	56.04		
ROB-MW5d	7/15/2013	14:19	18.41	55.52		
ROB-MW5d	8/22/2013	8:16	19.24	54.69		
ROB-MW5d	9/9/2013	12:04	19.23	54.70		
ROB-MW5d	10/7/2013	12:53	19.23	54.70		
ROB-MW5d	11/12/2013	16:06	18.04	55.89		
ROB-MW5d	12/17/2013	12:17	16.84	57.09		
ROB-MW6s	1/29/2012	11:45	12.05	61.06	0.04	0.00
ROB-MW6s	2/7/2012	14:48	12.01	61.10	0.07	0.00
ROB-MW6s	3/5/2012	16:36	14.56	58.55	0.21	0.01
ROB-MW6s	4/5/2012	12:03	12.38	60.73	0.04	0.00
ROB-MW6s	5/8/2012	11:38	13.61	59.50	0.09	0.00
ROB-MW6s	6/18/2012	9:37	15.00	58.11	0.07	0.00
ROB-MW6s	7/9/2012	9:50	14.50	58.61	0.09	0.00
ROB-MW6s	8/13/2012	10:20	16.25	56.86	0.19	0.01
ROB-MW6s	9/17/2012	11:03	17.33	55.78	0.11	0.01
ROB-MW6s	10/19/2012	10:26	18.77	54.34	0.02	0.00
ROB-MW6s	12/4/2012	11:47	16.54	56.57	0.00	0.00
ROB-MW6s	12/28/2012	9:30	14.88	58.23	-0.01	-0.00
ROB-MW6s	1/15/2013	13:55	14.97	58.14	-0.02	-0.00
ROB-MW6s	2/16/2013	14:14	14.13	58.98	0.20	0.01
ROB-MW6s	3/18/2013	13:32	14.50	58.61	0.87	0.04
ROB-MW6s	4/16/2013	9:56	15.81	57.30	0.05	0.00
ROB-MW6s	5/28/2013	9:55	17.11	56.00	0.06	0.00
ROB-MW6s	6/17/2013	16:58	16.30	56.81	0.10	0.00
ROB-MW6s	7/15/2013	14:50	16.78	56.33	0.14	0.01
ROB-MW6s	8/22/2013	8:47	17.18	55.93	0.10	0.00

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
ROB-MW6s	9/9/2013	12:32	18.87	54.24	0.04	0.00
ROB-MW6s	10/7/2013	12:19	18.94	54.17	0.06	0.00
ROB-MW6s	11/12/2013	15:27	18.15	54.96	0.02	0.00
ROB-MW6s	12/17/2013	11:50	17.64	55.47	-0.04	-0.00
ROB-MW6d	1/29/2012	11:47	11.92	61.02		
ROB-MW6d	2/7/2012	14:49	11.91	61.03		
ROB-MW6d	3/5/2012	16:38	14.60	58.34		
ROB-MW6d	4/5/2012	12:03	12.25	60.69		
ROB-MW6d	5/8/2012	11:39	13.53	59.41		
ROB-MW6d	6/18/2012	9:36	14.90	58.04		
ROB-MW6d	7/9/2012	9:49	14.42	58.52		
ROB-MW6d	8/13/2012	10:21	16.27	56.67		
ROB-MW6d	9/17/2012	11:03	17.27	55.67		
ROB-MW6d	10/19/2012	10:26	18.62	54.32		
ROB-MW6d	12/4/2012	11:47	16.37	56.57		
ROB-MW6d	12/28/2012	9:31	14.70	58.24		
ROB-MW6d	1/15/2013	13:56	14.78	58.16		
ROB-MW6d	2/16/2013	14:14	14.16	58.78		
ROB-MW6d	3/18/2013	13:33	15.20	57.74		
ROB-MW6d	4/16/2013	9:56	15.69	57.25		
ROB-MW6d	5/28/2013	9:55	17.00	55.94		
ROB-MW6d	6/17/2013	16:58	16.23	56.71		
ROB-MW6d	7/15/2013	14:50	16.75	56.19		
ROB-MW6d	8/22/2013	8:47	17.11	55.83		
ROB-MW6d	9/9/2013	12:32	18.74	54.20		
ROB-MW6d	10/7/2013	12:19	18.83	54.11		
ROB-MW6d	11/12/2013	15:27	18.00	54.94		
ROB-MW6d	12/17/2013	11:50	17.43	55.51		
ROB-MW7s	1/29/2012	11:50	10.75	61.42	0.39	0.02
ROB-MW7s	2/7/2012	14:25	10.73	61.44	0.29	0.01
ROB-MW7s	3/5/2012	16:41	11.08	61.09	0.16	0.01
ROB-MW7s	4/5/2012	11:55	10.20	61.97	1.22	0.06
ROB-MW7s	5/8/2012	10:56	11.07	61.10	1.77	0.09
ROB-MW7s	6/18/2012	9:34	12.93	59.24	0.93	0.05
ROB-MW7s	7/9/2012	9:45	13.20	58.97	1.18	0.06
ROB-MW7s	8/13/2012	10:15	15.85	56.32	2.73	0.13
ROB-MW7s	9/17/2012	11:00	17.32	54.85	0.64	0.03
ROB-MW7s	10/19/2012	10:20	17.49	54.68	0.24	0.01
ROB-MW7s	12/4/2012	11:50	15.84	56.33	-0.09	-0.00
ROB-MW7s	12/28/2012	9:41	15.64	56.53	0.16	0.01
ROB-MW7s	1/15/2013	13:51	14.16	58.01	-0.18	-0.01
ROB-MW7s	2/16/2013	14:03	13.65	58.52	0.44	0.02
ROB-MW7s	3/18/2013	13:40	14.88	57.29	1.43	0.07
ROB-MW7s	4/16/2013	9:51	15.37	56.80	0.57	0.03
ROB-MW7s	5/28/2013	10:02	17.09	55.08	0.54	0.03
ROB-MW7s	6/17/2013	17:04	17.15	55.02	1.01	0.05
ROB-MW7s	7/15/2013	14:44	18.10	54.07	2.13	0.10
ROB-MW7s	8/22/2013	8:42	19.09	53.08	1.94	0.09
ROB-MW7s	9/9/2013	12:27	18.85	53.32	0.36	0.02
ROB-MW7s	10/7/2013	12:25	19.12	53.05	1.31	0.06
ROB-MW7s	11/12/2013	15:42	17.50	54.67	-0.06	-0.00
ROB-MW7s	12/17/2013	11:56	16.54	55.63	-0.03	-0.00
ROB-MW7d	1/29/2012	11:51	10.86	61.03		
ROB-MW7d	2/7/2012	14:26	10.74	61.15		
ROB-MW7d	3/5/2012	16:43	10.96	60.93		
ROB-MW7d	4/5/2012	11:57	11.14	60.75		
ROB-MW7d	5/8/2012	10:56	12.56	59.33		
ROB-MW7d	6/18/2012	9:33	13.58	58.31		
ROB-MW7d	7/9/2012	9:44	14.10	57.79		
ROB-MW7d	8/13/2012	10:16	18.30	53.59		
ROB-MW7d	9/17/2012	11:00	17.68	54.21		
ROB-MW7d	10/19/2012	10:20	17.45	54.44		
ROB-MW7d	12/4/2012	11:50	15.47	56.42		
ROB-MW7d	12/28/2012	9:42	15.52	56.37		
ROB-MW7d	1/15/2013	13:52	13.70	58.19		
ROB-MW7d	2/16/2013	14:03	13.81	58.08		
ROB-MW7d	3/18/2013	13:41	16.03	55.86		
ROB-MW7d	4/16/2013	9:51	15.66	56.23		
ROB-MW7d	5/28/2013	10:02	17.35	54.54		
ROB-MW7d	6/17/2013	17:04	17.88	54.01		
ROB-MW7d	7/15/2013	14:44	19.95	51.94		
ROB-MW7d	8/22/2013	8:42	20.75	51.14		
ROB-MW7d	9/9/2013	12:27	18.93	52.96		
ROB-MW7d	10/7/2013	12:25	20.15	51.74		
ROB-MW7d	11/12/2013	15:42	17.16	54.73		
ROB-MW7d	12/17/2013	11:56	16.23	55.66		
ROB-MW8s	1/29/2012	11:54	10.47	61.92	0.16	0.01
ROB-MW8s	2/7/2012	14:00	10.34	62.05	0.52	0.03
ROB-MW8s	3/5/2012	16:55	10.48	61.91	-0.14	-0.01
ROB-MW8s	4/5/2012	12:11	11.02	61.37	0.44	0.02
ROB-MW8s	5/8/2012	12:06	11.33	61.06	0.46	0.02
ROB-MW8s	6/18/2012	9:04	12.57	59.82	0.17	0.01
ROB-MW8s	7/9/2012	9:21	13.33	59.06	0.47	0.02
ROB-MW8s	8/13/2012	10:27	17.05	55.34	0.90	0.04
ROB-MW8s	9/17/2012	10:36	18.09	54.30	0.08	0.00
ROB-MW8s	10/19/2012	9:48	17.90	54.49	-0.05	-0.00
ROB-MW8s	12/4/2012	11:52	15.60	56.79	-0.15	-0.01
ROB-MW8s	12/28/2012	9:37	15.14	57.25	-0.09	-0.00
ROB-MW8s	1/15/2013	13:45	13.79	58.60	-0.21	-0.01
ROB-MW8s	2/16/2013	14:01	13.34	59.05	0.09	0.00
ROB-MW8s	3/18/2013	13:08	15.75	56.64	0.54	0.03
ROB-MW8s	4/16/2013	9:48	15.59	56.80	0.14	0.01
ROB-MW8s	5/28/2013	10:07	16.53	55.86	0.18	0.01
ROB-MW8s	6/17/2013	17:09	17.87	54.52	0.23	0.01
ROB-MW8s	7/15/2013	14:39	19.38	53.01	0.59	0.03
ROB-MW8s	8/22/2013	8:37	19.88	52.51	0.18	0.01
ROB-MW8s	9/9/2013	12:23	18.79	53.60	-0.08	-0.00
ROB-MW8s	10/7/2013	12:31	18.86	53.53	0.19	0.01
ROB-MW8s	11/12/2013	15:47	17.22	55.17	-0.20	-0.01
ROB-MW8s	12/17/2013	12:01	16.26	56.13	-0.02	-0.00
ROB-MW8d	1/29/2012	11:54	10.56	61.76		
ROB-MW8d	2/7/2012	14:01	10.79	61.53		
ROB-MW8d	3/5/2012	16:59	10.27	62.05		
ROB-MW8d	4/5/2012	12:12	11.39	60.93		
ROB-MW8d	5/8/2012	12:07	11.72	60.60		
ROB-MW8d	6/18/2012	9:05	12.67	59.65		
ROB-MW8d	7/9/2012	9:20	13.73	58.59		
ROB-MW8d	8/13/2012	10:28	17.88	54.44		
ROB-MW8d	9/17/2012	10:36	18.10	54.22		
ROB-MW8d	10/19/2012	9:48	17.78	54.54		
ROB-MW8d	12/4/2012	11:52	15.38	56.94		
ROB-MW8d	12/28/2012	9:38	14.98	57.34		
ROB-MW8d	1/15/2013	13:46	13.51	58.81		
ROB-MW8d	2/16/2013	14:01	13.36	58.96		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
ROB-MW8d	3/18/2013	13:09	16.22	56.10		
ROB-MW8d	4/16/2013	9:48	15.66	56.66		
ROB-MW8d	5/28/2013	10:07	16.64	55.68		
ROB-MW8d	6/17/2013	17:09	18.03	54.29		
ROB-MW8d	7/15/2013	14:39	19.90	52.42		
ROB-MW8d	8/22/2013	8:37	19.99	52.33		
ROB-MW8d	9/9/2013	12:23	18.64	53.68		
ROB-MW8d	10/7/2013	12:31	18.98	53.34		
ROB-MW8d	11/12/2013	15:47	16.95	55.37		
ROB-MW8d	12/17/2013	12:01	16.17	56.15		
WOO-MW1	1/16/2013	9:45	44.94	-17.67		
WOO-MW1	2/17/2013	11:30	44.05	-16.78		
WOO-MW1	3/21/2013	13:50	43.78	-16.51		
WOO-MW1	4/18/2013	10:17	43.60	-16.33		
WOO-MW1	5/28/2013	14:36	45.22	-17.95		
WOO-MW1	6/17/2013	12:58	45.92	-18.65		
WOO-MW1	7/15/2013	9:44	47.44	-20.17		
WOO-MW1	8/20/2013	9:52	49.08	-21.81		
WOO-MW1	9/9/2013	8:27	49.61	-22.34		
WOO-MW1	10/7/2013	9:13	47.97	-20.70		
WOO-MW1	11/11/2013	8:57	46.94	-19.67		
WOO-MW1	12/17/2013	8:43	45.83	-18.56		
WOO-MW2	1/16/2013	10:00	43.04	-19.53		
WOO-MW2	2/17/2013	11:20	42.02	-18.51		
WOO-MW2	3/21/2013	14:00	41.99	-18.48		
WOO-MW2	4/18/2013	10:25	41.53	-18.02		
WOO-MW2	5/28/2013	14:40	43.10	-19.59		
WOO-MW2	6/17/2013	13:20	43.59	-20.08		
WOO-MW2	7/15/2013	10:01	45.07	-21.56		
WOO-MW2	8/20/2013	9:29	47.11	-23.60		
WOO-MW2	9/9/2013	8:45	46.93	-23.42		
WOO-MW2	10/7/2013	9:02	46.39	-22.88		
WOO-MW2	11/11/2013	8:40	45.20	-21.69		
WOO-MW2	12/17/2013	9:01	44.08	-20.57		
WOO-MW3	1/16/2013	9:30	43.55	-17.56		
WOO-MW3	2/17/2013	11:26	42.42	-16.43		
WOO-MW3	3/21/2013	13:42	42.59	-16.60		
WOO-MW3	4/18/2013	10:07	41.63	-15.64		
WOO-MW3	5/28/2013	14:30	44.18	-18.19		
WOO-MW3	6/17/2013	13:11	44.78	-18.79		
WOO-MW3	7/15/2013	9:55	46.46	-20.47		
WOO-MW3	8/20/2013	9:45	48.63	-22.64		
WOO-MW3	9/9/2013	8:38	49.09	-23.10		
WOO-MW3	10/7/2013	9:26	46.97	-20.98		
WOO-MW3	11/11/2013	8:48	45.69	-19.70		
WOO-MW3	12/17/2013	8:55	44.59	-18.60		
ANT-MW1s	1/30/2012	10:45	20.38	69.51	0.02	0.00
ANT-MW1s	2/9/2012	15:56	20.70	69.19	0.03	0.00
ANT-MW1s	3/5/2012	10:08	16.68	73.21	0.01	0.00
ANT-MW1s	4/9/2012	10:12	17.84	72.05	0.02	0.00
ANT-MW1s	5/10/2012	11:05	20.13	69.76	0.01	0.00
ANT-MW1s	6/18/2012	11:19	19.63	70.26	0.01	0.00
ANT-MW1s	7/9/2012	11:38	13.35	76.54	-0.04	-0.00
ANT-MW1s	8/15/2012	9:58	13.89	76.00	0.02	0.00
ANT-MW1s	9/17/2012	12:31	14.88	75.01	0.04	0.00
ANT-MW1s	10/19/2012	13:30	Q/M			
ANT-MW1s	12/10/2012	13:24	Dry			
ANT-MW1s	12/31/2012	8:19	Dry			
ANT-MW1s	1/15/2013	13:06	Dry			
ANT-MW1s	2/16/2013	15:55	Dry			
ANT-MW1s	3/22/2013	12:04	17.88	72.01	0.05	0.00
ANT-MW1s	4/16/2013	11:54	20.55	69.34	0.04	0.00
ANT-MW1s	5/30/2013	19:47	19.78	70.11	0.03	0.00
ANT-MW1s	6/18/2013	9:35	20.84	69.05	0.02	0.00
ANT-MW1s	7/15/2013	17:21	15.89	74.00	0.00	0.00
ANT-MW1s	8/27/2013	8:37	14.68	75.21	-0.09	-0.01
ANT-MW1s	9/9/2013	13:06	17.02	72.87	0.04	0.00
ANT-MW1s	10/7/2013	14:47	Dry			
ANT-MW1s	11/14/2013	13:30	Dry			
ANT-MW1s	12/17/2013	14:10	Dry			
ANT-MW1d	1/30/2012	10:47	20.29	69.49		
ANT-MW1d	2/9/2012	15:57	20.62	69.16		
ANT-MW1d	3/5/2012	10:09	16.58	73.20		
ANT-MW1d	4/9/2012	10:11	17.75	72.03		
ANT-MW1d	5/10/2012	11:06	20.03	69.75		
ANT-MW1d	6/18/2012	11:18	19.53	70.25		
ANT-MW1d	7/9/2012	11:37	13.20	76.58		
ANT-MW1d	8/15/2012	9:59	13.80	75.98		
ANT-MW1d	9/17/2012	12:31	14.81	74.97		
ANT-MW1d	10/19/2012	13:30	24.42	65.36		
ANT-MW1d	12/10/2012	13:24	21.57	68.21		
ANT-MW1d	12/31/2012	8:20	23.16	66.62		
ANT-MW1d	1/15/2013	13:06	23.78	66.00		
ANT-MW1d	2/16/2013	15:55	24.86	64.92		
ANT-MW1d	3/22/2013	12:04	17.82	71.96		
ANT-MW1d	4/16/2013	11:54	20.48	69.30		
ANT-MW1d	5/30/2013	19:47	19.70	70.08		
ANT-MW1d	6/18/2013	9:36	20.75	69.03		
ANT-MW1d	7/15/2013	17:21	15.78	74.00		
ANT-MW1d	8/27/2013	8:37	14.48	75.30		
ANT-MW1d	9/9/2013	13:06	16.95	72.83		
ANT-MW1d	10/7/2013	14:47	22.33	67.45		
ANT-MW1d	11/14/2013	13:30	23.14	66.64		
ANT-MW1d	12/17/2013	14:10	26.78	63.00		
ANT-MW2s	1/30/2012	10:11	20.68	68.41	0.00	0.00
ANT-MW2s	2/9/2012	16:23	21.92	67.17	-0.88	-0.05
ANT-MW2s	3/5/2012	9:56	18.85	70.24	0.03	0.00
ANT-MW2s	4/9/2012	9:43	19.95	69.14	0.02	0.00
ANT-MW2s	5/10/2012	9:10	21.17	67.92	-0.02	-0.00
ANT-MW2s	6/18/2012	10:59	22.10	66.99	0.05	0.00
ANT-MW2s	7/9/2012	11:21	19.33	69.76	-0.03	-0.00
ANT-MW2s	8/15/2012	9:29	19.20	69.89	-0.05	-0.00
ANT-MW2s	9/17/2012	12:15	22.00	67.09	0.01	0.00
ANT-MW2s	10/19/2012	13:10	24.52	64.57	0.01	0.00
ANT-MW2s	12/10/2012	13:40	25.16	63.93	-0.02	-0.00
ANT-MW2s	12/31/2012	8:03	25.94	63.15	-0.03	-0.00
ANT-MW2s	1/15/2013	13:03	26.21	62.88	-0.01	-0.00
ANT-MW2s	2/16/2013	15:50	26.63	62.46	-0.05	-0.00
ANT-MW2s	3/22/2013	11:51	22.08	67.01	0.00	0.00
ANT-MW2s	4/16/2013	11:42	23.34	65.75	7.00	0.39
ANT-MW2s	5/30/2013	19:19	23.45	65.64	-0.01	-0.00
ANT-MW2s	6/18/2013	9:20	23.78	65.31	0.37	0.02
ANT-MW2s	7/15/2013	17:36	22.45	66.64	-0.02	-0.00
ANT-MW2s	8/27/2013	8:21	23.72	65.37	-0.03	-0.00

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
ANT-MW2s	9/9/2013	12:40	24.10	64.99	0.03	0.00
ANT-MW2s	10/7/2013	14:37	26.90	62.19	-0.02	-0.00
ANT-MW2s	11/14/2013	13:14	28.31	60.78	-0.05	-0.00
ANT-MW2s	12/17/2013	13:51	29.04	60.05	1.10	0.06
ANT-MW2d	1/30/2012	10:14	20.28	68.41		
ANT-MW2d	2/9/2012	16:24	20.64	68.05		
ANT-MW2d	3/5/2012	9:57	18.48	70.21		
ANT-MW2d	4/9/2012	9:44	19.57	69.12		
ANT-MW2d	5/10/2012	9:11	20.75	67.94		
ANT-MW2d	6/18/2012	10:58	21.75	66.94		
ANT-MW2d	7/9/2012	11:20	18.90	69.79		
ANT-MW2d	8/15/2012	9:30	18.75	69.94		
ANT-MW2d	9/17/2012	12:15	21.61	67.08		
ANT-MW2d	10/19/2012	13:10	24.13	64.56		
ANT-MW2d	12/10/2012	13:40	24.74	63.95		
ANT-MW2d	12/31/2012	8:06	25.51	63.18		
ANT-MW2d	1/15/2013	13:03	25.80	62.89		
ANT-MW2d	2/16/2013	15:50	26.18	62.51		
ANT-MW2d	3/22/2013	11:51	21.68	67.01		
ANT-MW2d	4/16/2013	11:42	29.94	58.75		
ANT-MW2d	5/30/2013	19:19	23.04	65.65		
ANT-MW2d	6/18/2013	9:21	23.75	64.94		
ANT-MW2d	7/15/2013	17:36	22.03	66.66		
ANT-MW2d	8/27/2013	8:21	23.29	65.40		
ANT-MW2d	9/9/2013	12:40	23.73	64.96		
ANT-MW2d	10/7/2013	14:37	26.48	62.21		
ANT-MW2d	11/14/2013	13:14	27.86	60.83		
ANT-MW2d	12/17/2013	13:51	29.74	58.95		
ANT-MW3s	1/30/2012	10:33	20.73	69.59	0.23	0.01
ANT-MW3s	2/9/2012	17:02	21.02	69.30	0.26	0.01
ANT-MW3s	3/5/2012	10:04	17.28	73.04	-0.28	-0.02
ANT-MW3s	4/9/2012	9:53	18.22	72.10	0.67	0.04
ANT-MW3s	5/10/2012	9:56	20.38	69.94	0.52	0.03
ANT-MW3s	6/18/2012	11:05	19.14	71.18	0.66	0.04
ANT-MW3s	7/9/2012	11:27	16.69	73.63	0.16	0.01
ANT-MW3s	8/15/2012	9:41	15.01	75.31	1.21	0.07
ANT-MW3s	9/17/2012	12:20	18.91	71.41	1.00	0.06
ANT-MW3s	10/19/2012	13:14	22.61	67.71	0.50	0.03
ANT-MW3s	12/10/2012	13:37	22.87	67.45	0.45	0.02
ANT-MW3s	12/31/2012	8:10	24.53	65.79	0.21	0.01
ANT-MW3s	1/15/2013	13:26	25.22	65.10	0.18	0.01
ANT-MW3s	2/16/2013	16:02	26.32	64.00	0.05	0.00
ANT-MW3s	3/22/2013	11:59	20.12	70.20	0.37	0.02
ANT-MW3s	4/16/2013	11:49	20.93	69.39	0.68	0.04
ANT-MW3s	5/30/2013	19:31	20.87	69.45	0.67	0.04
ANT-MW3s	6/18/2013	9:30	20.52	69.80	0.43	0.02
ANT-MW3s	7/15/2013	17:30	17.56	72.76	0.59	0.03
ANT-MW3s	8/27/2013	8:29	18.88	71.44	0.61	0.03
ANT-MW3s	9/9/2013	12:56	18.94	71.38	1.25	0.07
ANT-MW3s	10/7/2013	14:44	24.06	66.26	0.53	0.03
ANT-MW3s	11/14/2013	13:21	25.75	64.57	0.26	0.01
ANT-MW3s	12/17/2013	14:06	28.90	61.42	0.12	0.01
ANT-MW3d	1/30/2012	10:36	20.74	69.36		
ANT-MW3d	2/9/2012	17:03	21.06	69.04		
ANT-MW3d	3/5/2012	14:05	16.78	73.32		
ANT-MW3d	4/9/2012	9:52	18.67	71.43		
ANT-MW3d	5/10/2012	9:57	20.68	69.42		
ANT-MW3d	6/18/2012	11:04	19.58	70.52		
ANT-MW3d	7/9/2012	11:27	16.63	73.47		
ANT-MW3d	8/15/2012	9:42	16.00	74.10		
ANT-MW3d	9/17/2012	12:20	19.69	70.41		
ANT-MW3d	10/19/2012	13:14	22.89	67.21		
ANT-MW3d	12/10/2012	13:37	23.10	67.00		
ANT-MW3d	12/31/2012	8:11	24.52	65.58		
ANT-MW3d	1/15/2013	13:26	25.18	64.92		
ANT-MW3d	2/16/2013	16:02	26.15	63.95		
ANT-MW3d	3/22/2013	11:57	20.27	69.83		
ANT-MW3d	4/16/2013	11:49	21.39	68.71		
ANT-MW3d	5/30/2013	19:31	21.32	68.78		
ANT-MW3d	6/18/2013	9:31	20.73	69.37		
ANT-MW3d	7/15/2013	17:30	17.93	72.17		
ANT-MW3d	8/27/2013	8:29	19.27	70.83		
ANT-MW3d	9/9/2013	12:56	19.97	70.13		
ANT-MW3d	10/7/2013	14:44	24.37	65.73		
ANT-MW3d	11/14/2013	13:21	25.79	64.31		
ANT-MW3d	12/17/2013	14:06	28.80	61.30		
ANT-MW4s	1/30/2012	10:22	20.77	68.64	0.01	0.00
ANT-MW4s	2/9/2012	16:41	21.12	68.29	0.03	0.00
ANT-MW4s	3/5/2012	10:00	18.70	70.71	0.06	0.00
ANT-MW4s	4/9/2012	9:50	19.68	69.73	0.03	0.00
ANT-MW4s	5/10/2012	9:34	21.09	68.32	0.04	0.00
ANT-MW4s	6/18/2012	11:02	20.68	68.73	0.03	0.00
ANT-MW4s	7/9/2012	11:25	19.11	70.30	0.00	0.00
ANT-MW4s	8/15/2012	9:37	18.37	71.04	0.20	0.01
ANT-MW4s	9/17/2012	12:17	21.50	67.91	0.18	0.01
ANT-MW4s	10/19/2012	13:12	24.22	65.19	0.01	0.00
ANT-MW4s	12/10/2012	13:33	24.76	64.65	0.03	0.00
ANT-MW4s	12/31/2012	8:13	25.65	63.76	0.01	0.00
ANT-MW4s	1/15/2013	13:30	26.00	63.41	0.01	0.00
ANT-MW4s	2/16/2013	16:05	26.59	62.82	-0.02	-0.00
ANT-MW4s	3/22/2013	11:54	21.85	67.56	0.00	0.00
ANT-MW4s	4/16/2013	11:47	23.05	66.36	0.02	0.00
ANT-MW4s	5/30/2013	19:26	23.11	66.30	0.02	0.00
ANT-MW4s	6/18/2013	9:27	22.83	66.58	0.00	0.00
ANT-MW4s	7/15/2013	17:33	21.51	67.90	-0.05	-0.00
ANT-MW4s	8/27/2013	8:26	23.12	66.29	-0.06	-0.00
ANT-MW4s	9/9/2013	12:50	23.42	65.99	0.08	0.00
ANT-MW4s	10/7/2013	14:41	26.39	63.02	0.06	0.00
ANT-MW4s	11/14/2013	13:18	27.84	61.57	-0.01	-0.00
ANT-MW4s	12/17/2013	14:03	29.92	59.49	0.01	0.00
ANT-MW4d	1/30/2012	10:25	20.65	68.63		
ANT-MW4d	2/9/2012	16:42	21.02	68.26		
ANT-MW4d	3/5/2012	10:01	18.63	70.65		
ANT-MW4d	4/9/2012	9:49	19.58	69.70		
ANT-MW4d	5/10/2012	9:35	21.00	68.28		
ANT-MW4d	6/18/2012	11:01	20.58	68.70		
ANT-MW4d	7/9/2012	11:24	18.98	70.30		
ANT-MW4d	8/15/2012	9:38	18.44	70.84		
ANT-MW4d	9/17/2012	12:17	21.55	67.73		
ANT-MW4d	10/19/2012	13:12	24.10	65.18		
ANT-MW4d	12/10/2012	13:33	24.66	64.62		
ANT-MW4d	12/31/2012	8:14	25.53	63.75		
ANT-MW4d	1/15/2013	13:30	25.88	63.40		
ANT-MW4d	2/16/2013	16:05	26.44	62.84		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
ANT-MW4d	3/22/2013	11:54	21.72	67.56		
ANT-MW4d	4/16/2013	11:47	22.94	66.34		
ANT-MW4d	5/30/2013	19:26	23.00	66.28		
ANT-MW4d	6/18/2013	9:28	22.70	66.58		
ANT-MW4d	7/15/2013	17:33	21.33	67.95		
ANT-MW4d	8/27/2013	8:26	22.93	66.35		
ANT-MW4d	9/9/2013	12:50	23.37	65.91		
ANT-MW4d	10/7/2013	14:41	26.32	62.96		
ANT-MW4d	11/14/2013	13:18	27.70	61.58		
ANT-MW4d	12/17/2013	14:03	29.80	59.48		
ANT-MW5s	1/30/2012	10:52	23.83	69.10	0.35	0.02
ANT-MW5s	2/9/2012	15:36	24.02	68.91	0.39	0.02
ANT-MW5s	3/5/2012	10:14	22.10	70.83	0.28	0.01
ANT-MW5s	4/9/2012	10:06	21.74	71.19	1.21	0.05
ANT-MW5s	5/10/2012	11:33	23.52	69.41	1.09	0.05
ANT-MW5s	6/18/2012	11:15	22.95	69.98	1.24	0.05
ANT-MW5s	7/9/2012	11:43	14.34	78.59	2.90	0.13
ANT-MW5s	8/15/2012	9:59	17.71	75.22	2.41	0.10
ANT-MW5s	9/17/2012	12:27	21.45	71.48	1.21	0.05
ANT-MW5s	10/19/2012	13:22	24.25	68.68	1.38	0.06
ANT-MW5s	12/10/2012	13:27	25.62	67.31	-0.29	-0.01
ANT-MW5s	12/31/2012	8:47	26.44	66.49	0.34	0.01
ANT-MW5s	1/15/2013	13:12	26.68	66.25	0.26	0.01
ANT-MW5s	2/16/2013	15:58	28.10	64.83	0.01	0.00
ANT-MW5s	3/22/2013	12:08	22.62	70.31	0.05	0.00
ANT-MW5s	4/16/2013	12:14	24.00	68.93	0.07	0.00
ANT-MW5s	5/30/2013	19:54	23.09	69.84	-0.82	-0.04
ANT-MW5s	6/18/2013	9:51	23.96	68.97	0.07	0.00
ANT-MW5s	7/15/2013	17:14	19.49	73.44	0.08	0.00
ANT-MW5s	8/27/2013	8:42	15.71	77.22	0.09	0.00
ANT-MW5s	9/9/2013	13:10	21.14	71.79	0.09	0.00
ANT-MW5s	10/7/2013	14:54	25.77	67.16	0.07	0.00
ANT-MW5s	11/14/2013	15:49	26.61	66.32	0.07	0.00
ANT-MW5s	12/17/2013	13:56	29.34	63.59	0.05	0.00
ANT-MW5d	1/30/2012	10:54	23.99	68.75		
ANT-MW5d	2/9/2012	15:37	24.22	68.52		
ANT-MW5d	3/5/2012	10:15	22.19	70.55		
ANT-MW5d	4/9/2012	10:05	22.76	69.98		
ANT-MW5d	5/10/2012	11:34	24.42	68.32		
ANT-MW5d	6/18/2012	11:14	24.00	68.74		
ANT-MW5d	7/9/2012	11:42	17.05	75.69		
ANT-MW5d	8/15/2012	10:00	19.93	72.81		
ANT-MW5d	9/17/2012	12:27	22.47	70.27		
ANT-MW5d	10/19/2012	13:22	25.44	67.30		
ANT-MW5d	12/10/2012	13:27	25.14	67.60		
ANT-MW5d	12/31/2012	8:48	26.59	66.15		
ANT-MW5d	1/15/2013	13:12	26.75	65.99		
ANT-MW5d	2/16/2013	15:58	27.92	64.82		
ANT-MW5d	3/22/2013	12:08	22.48	70.26		
ANT-MW5d	4/16/2013	12:14	23.88	68.86		
ANT-MW5d	5/30/2013	19:54	22.08	70.66		
ANT-MW5d	6/18/2013	9:52	23.84	68.90		
ANT-MW5d	7/15/2013	17:14	19.38	73.36		
ANT-MW5d	8/27/2013	8:42	15.61	77.13		
ANT-MW5d	9/9/2013	13:10	21.04	71.70		
ANT-MW5d	10/7/2013	14:54	25.65	67.09		
ANT-MW5d	11/14/2013	15:49	26.49	66.25		
ANT-MW5d	12/17/2013	13:56	29.20	63.54		
ANT-MW6s	1/30/2012	10:58	18.45	69.62	0.40	0.02
ANT-MW6s	2/9/2012	17:19	18.62	69.45	0.49	0.02
ANT-MW6s	3/5/2012	10:21	15.02	73.05	-0.28	-0.01
ANT-MW6s	4/9/2012	9:59	15.72	72.35	0.93	0.04
ANT-MW6s	5/10/2012	10:39	18.03	70.04	0.74	0.03
ANT-MW6s	6/18/2012	11:10	16.30	71.77	0.67	0.03
ANT-MW6s	7/9/2012	11:33	8.81	79.26	2.57	0.11
ANT-MW6s	8/15/2012	9:46	10.85	77.22	2.42	0.11
ANT-MW6s	9/17/2012	12:23	15.71	72.36	1.55	0.07
ANT-MW6s	10/19/2012	13:17	19.62	68.45	0.39	0.02
ANT-MW6s	12/10/2012	13:30	18.78	69.29	1.34	0.06
ANT-MW6s	12/31/2012	8:52	20.22	67.85	1.15	0.05
ANT-MW6s	1/15/2013	13:38	20.74	67.33	0.08	0.00
ANT-MW6s	2/16/2013	16:09	21.91	66.16	1.06	0.05
ANT-MW6s	3/22/2013	12:00	15.60	72.47	1.16	0.05
ANT-MW6s	4/16/2013	12:00	17.52	70.55	1.26	0.05
ANT-MW6s	5/30/2013	19:38	16.89	71.18	1.61	0.07
ANT-MW6s	6/18/2013	10:05	16.18	71.89	1.02	0.04
ANT-MW6s	7/15/2013	17:25	10.55	77.52	2.81	0.12
ANT-MW6s	8/27/2013	8:32	11.26	76.81	2.70	0.12
ANT-MW6s	9/9/2013	13:02	14.32	73.75	2.58	0.11
ANT-MW6s	10/7/2013	15:01	19.59	68.48	1.77	0.08
ANT-MW6s	11/14/2013	13:24	19.63	68.44	2.05	0.09
ANT-MW6s	12/17/2013	14:15	22.91	65.16	1.77	0.08
ANT-MW6d	1/30/2012	11:01	18.47	69.22		
ANT-MW6d	2/9/2012	17:20	18.73	68.96		
ANT-MW6d	3/5/2012	10:22	14.36	73.33		
ANT-MW6d	4/9/2012	9:58	16.27	71.42		
ANT-MW6d	5/10/2012	10:40	18.39	69.30		
ANT-MW6d	6/18/2012	11:09	16.59	71.10		
ANT-MW6d	7/9/2012	11:33	11.00	76.69		
ANT-MW6d	8/15/2012	9:47	12.89	74.80		
ANT-MW6d	9/17/2012	12:23	16.88	70.81		
ANT-MW6d	10/19/2012	13:17	19.63	68.06		
ANT-MW6d	12/10/2012	13:30	19.74	67.95		
ANT-MW6d	12/31/2012	8:53	20.99	66.70		
ANT-MW6d	1/15/2013	13:38	20.44	67.25		
ANT-MW6d	2/16/2013	16:09	22.59	65.10		
ANT-MW6d	3/22/2013	12:00	16.38	71.31		
ANT-MW6d	4/16/2013	12:00	18.40	69.29		
ANT-MW6d	5/30/2013	19:38	18.12	69.57		
ANT-MW6d	6/18/2013	10:06	16.82	70.87		
ANT-MW6d	7/15/2013	17:25	12.98	74.71		
ANT-MW6d	8/27/2013	8:32	13.58	74.11		
ANT-MW6d	9/9/2013	13:02	16.52	71.17		
ANT-MW6d	10/7/2013	15:01	20.98	66.71		
ANT-MW6d	11/14/2013	13:24	21.30	66.39		
ANT-MW6d	12/17/2013	14:15	24.30	63.39		
COR-MW1s	1/30/2012	16:10	6.65	103.01	-0.02	-0.00
COR-MW1s	2/10/2012	10:23	6.82	102.84	0.00	0.00
COR-MW1s	3/5/2012	10:40	6.51	103.15	0.00	0.00
COR-MW1s	4/9/2012	11:22	6.20	103.46	-0.01	-0.00
COR-MW1s	5/11/2012	15:00	7.52	102.14	0.00	0.00
COR-MW1s	6/20/2012	11:16	7.47	102.19	-0.01	-0.00
COR-MW1s	7/11/2012	15:30	8.77	100.89	-0.02	-0.00
COR-MW1s	8/17/2012	8:40	7.82	101.84	-0.01	-0.00

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
COR-MW1s	9/18/2012	10:28	8.18	101.48	0.02	0.00
COR-MW1s	10/19/2012	9:39	9.00	100.66	0.00	0.00
COR-MW1s	12/7/2012	13:37	7.84	101.82	0.03	0.00
COR-MW1s	12/31/2012	10:48	7.02	102.64	-0.01	-0.00
COR-MW1s	1/15/2013	9:45	6.90	102.76	-0.03	-0.00
COR-MW1s	2/16/2013	16:54	6.97	102.69	-0.01	-0.00
COR-MW1s	3/18/2013	10:33	7.08	102.58	0.04	0.00
COR-MW1s	4/17/2013	13:49	7.04	102.62	-0.01	-0.00
COR-MW1s	5/29/2013	8:53	7.50	102.16	-0.01	-0.00
COR-MW1s	6/18/2013	12:05	8.20	101.46	-0.01	-0.00
COR-MW1s	7/15/2013	14:01	8.76	100.90	-0.01	-0.00
COR-MW1s	8/22/2013	9:23	8.27	101.39	0.00	0.00
COR-MW1s	9/9/2013	10:24	8.02	101.64	-0.01	-0.00
COR-MW1s	10/7/2013	13:19	8.40	101.26	0.02	0.00
COR-MW1s	11/12/2013	13:40	9.08	100.58	-0.03	-0.00
COR-MW1s	12/17/2013	12:41	8.63	101.03	0.04	0.00
COR-MW1d	1/30/2012	16:10	6.51	103.03		
COR-MW1d	2/10/2012	10:24	6.70	102.84		
COR-MW1d	3/5/2012	10:41	6.39	103.15		
COR-MW1d	4/9/2012	11:23	6.07	103.47		
COR-MW1d	5/11/2012	15:01	7.40	102.14		
COR-MW1d	6/20/2012	11:17	7.34	102.20		
COR-MW1d	7/11/2012	15:29	8.63	100.91		
COR-MW1d	8/17/2012	8:40	7.69	101.85		
COR-MW1d	9/18/2012	10:28	8.08	101.46		
COR-MW1d	10/19/2012	9:39	8.88	100.66		
COR-MW1d	12/7/2012	13:37	7.75	101.79		
COR-MW1d	12/31/2012	10:49	6.89	102.65		
COR-MW1d	1/15/2013	9:45	6.75	102.79		
COR-MW1d	2/16/2013	16:54	6.84	102.70		
COR-MW1d	3/18/2013	10:33	7.00	102.54		
COR-MW1d	4/17/2013	13:49	6.91	102.63		
COR-MW1d	5/29/2013	8:53	7.37	102.17		
COR-MW1d	6/18/2013	12:06	8.07	101.47		
COR-MW1d	7/15/2013	14:01	8.63	100.91		
COR-MW1d	8/22/2013	9:23	8.15	101.39		
COR-MW1d	9/9/2013	10:24	7.89	101.65		
COR-MW1d	10/7/2013	13:19	8.30	101.24		
COR-MW1d	11/12/2013	13:40	8.93	100.61		
COR-MW1d	12/17/2013	12:41	8.55	100.99		
COR-MW2s	1/30/2012	16:15	6.10	105.82	0.00	0.00
COR-MW2s	2/10/2012	8:59	4.93	106.99	0.01	0.00
COR-MW2s	3/5/2012	10:43	5.67	106.25	-0.01	-0.00
COR-MW2s	4/9/2012	11:28	5.85	106.07	-0.01	-0.00
COR-MW2s	5/11/2012	14:45	7.79	104.13	-0.01	-0.00
COR-MW2s	6/20/2012	11:22	6.89	105.03	0.01	0.00
COR-MW2s	7/11/2012	15:06	7.94	103.98	0.10	0.01
COR-MW2s	8/17/2012	8:44	8.50	103.42	0.00	0.00
COR-MW2s	9/18/2012	10:23	7.25	104.67	0.01	0.00
COR-MW2s	10/19/2012	9:35	8.81	103.11	0.02	0.00
COR-MW2s	12/7/2012	13:33	7.27	104.65	0.01	0.00
COR-MW2s	12/31/2012	10:35	6.80	105.12	-0.01	-0.00
COR-MW2s	1/15/2013	9:42	6.59	105.33	0.01	0.00
COR-MW2s	2/16/2013	16:50	6.07	105.85	0.01	0.00
COR-MW2s	3/18/2013	10:30	6.15	105.77	0.03	0.00
COR-MW2s	4/17/2013	13:39	5.30	106.62	0.02	0.00
COR-MW2s	5/29/2013	9:04	7.57	104.35	0.01	0.00
COR-MW2s	6/18/2013	12:02	8.43	103.49	0.02	0.00
COR-MW2s	7/15/2013	14:06	9.00	102.92	0.02	0.00
COR-MW2s	8/22/2013	9:34	8.80	103.12	0.03	0.00
COR-MW2s	9/9/2013	10:30	8.88	103.04	-0.01	-0.00
COR-MW2s	10/7/2013	13:27	8.87	103.05	0.04	0.00
COR-MW2s	11/12/2013	13:33	8.65	103.27	0.01	0.00
COR-MW2s	12/17/2013	12:47	8.50	103.42	0.05	0.00
COR-MW2d	1/30/2012	16:15	5.87	105.82		
COR-MW2d	2/10/2012	9:00	4.71	106.98		
COR-MW2d	3/5/2012	10:44	5.43	106.26		
COR-MW2d	4/9/2012	11:29	5.61	106.08		
COR-MW2d	5/11/2012	14:46	7.55	104.14		
COR-MW2d	6/20/2012	11:23	6.67	105.02		
COR-MW2d	7/11/2012	15:06	7.81	103.88		
COR-MW2d	8/17/2012	8:44	8.27	103.42		
COR-MW2d	9/18/2012	10:23	7.03	104.66		
COR-MW2d	10/19/2012	9:35	8.60	103.09		
COR-MW2d	12/7/2012	13:33	7.05	104.64		
COR-MW2d	12/31/2012	10:36	6.56	105.13		
COR-MW2d	1/15/2013	9:42	6.37	105.32		
COR-MW2d	2/16/2013	16:50	5.85	105.84		
COR-MW2d	3/18/2013	10:30	5.95	105.74		
COR-MW2d	4/17/2013	13:39	5.09	106.60		
COR-MW2d	5/29/2013	9:04	7.35	104.34		
COR-MW2d	6/18/2013	12:03	8.22	103.47		
COR-MW2d	7/15/2013	14:06	8.79	102.90		
COR-MW2d	8/22/2013	9:34	8.60	103.09		
COR-MW2d	9/9/2013	10:30	8.64	103.05		
COR-MW2d	10/7/2013	13:27	8.68	103.01		
COR-MW2d	11/12/2013	13:33	8.43	103.26		
COR-MW2d	12/17/2013	12:47	8.32	103.37		
COR-MW3s	1/30/2012	16:20	7.25	105.81	0.01	0.00
COR-MW3s	2/10/2012	9:20	6.55	106.51	0.00	0.00
COR-MW3s	3/5/2012	10:46	7.22	105.84	0.00	0.00
COR-MW3s	4/9/2012	11:33	6.77	106.29	0.00	0.00
COR-MW3s	5/11/2012	14:30	8.63	104.43	-0.02	-0.00
COR-MW3s	6/20/2012	11:26	7.10	105.96	0.00	0.00
COR-MW3s	7/11/2012	15:01	8.09	104.97	-0.01	-0.00
COR-MW3s	8/17/2012	8:49	9.34	103.72	0.07	0.01
COR-MW3s	9/18/2012	10:20	7.81	105.25	-0.01	-0.00
COR-MW3s	10/19/2012	9:32	9.57	103.49	-0.03	-0.00
COR-MW3s	12/7/2012	13:30	8.23	104.83	-0.04	-0.00
COR-MW3s	12/31/2012	10:32	7.76	105.30	0.01	0.00
COR-MW3s	1/15/2013	9:40	7.63	105.43	-0.07	-0.01
COR-MW3s	2/16/2013	16:48	7.16	105.90	0.00	0.00
COR-MW3s	3/18/2013	10:24	7.21	105.85	0.03	0.00
COR-MW3s	4/17/2013	13:43	6.41	106.65	-0.01	-0.00
COR-MW3s	5/29/2013	9:10	8.51	104.55	0.03	0.00
COR-MW3s	6/18/2013	12:00	9.40	103.66	-0.01	-0.00
COR-MW3s	7/15/2013	14:11	9.80	103.26	-0.02	-0.00
COR-MW3s	8/22/2013	9:38	9.95	103.11	0.00	0.00
COR-MW3s	9/9/2013	10:34	10.03	103.03	-0.02	-0.00
COR-MW3s	10/7/2013	13:30	10.00	103.06	-0.05	-0.00
COR-MW3s	11/12/2013	13:30	9.72	103.34	0.02	0.00
COR-MW3s	12/17/2013	12:50	9.62	103.44	0.01	0.00
COR-MW3d	1/30/2012	16:20	7.10	105.80		
COR-MW3d	2/10/2012	9:21	6.39	106.51		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
COR-MW3d	3/5/2012	10:47	7.06	105.84		
COR-MW3d	4/9/2012	11:34	6.61	106.29		
COR-MW3d	5/11/2012	14:31	8.45	104.45		
COR-MW3d	6/20/2012	11:27	6.94	105.96		
COR-MW3d	7/11/2012	15:00	7.92	104.98		
COR-MW3d	8/17/2012	8:49	9.25	103.65		
COR-MW3d	9/18/2012	10:20	7.64	105.26		
COR-MW3d	10/19/2012	9:32	9.38	103.52		
COR-MW3d	12/7/2012	13:30	8.03	104.87		
COR-MW3d	12/31/2012	10:33	7.61	105.29		
COR-MW3d	1/15/2013	9:40	7.40	105.50		
COR-MW3d	2/16/2013	16:48	7.00	105.90		
COR-MW3d	3/18/2013	10:24	7.08	105.82		
COR-MW3d	4/17/2013	13:43	6.24	106.66		
COR-MW3d	5/29/2013	9:10	8.38	104.52		
COR-MW3d	6/18/2013	12:01	9.23	103.67		
COR-MW3d	7/15/2013	14:11	9.62	103.28		
COR-MW3d	8/22/2013	9:38	9.79	103.11		
COR-MW3d	9/9/2013	10:34	9.85	103.05		
COR-MW3d	10/7/2013	13:30	9.79	103.11		
COR-MW3d	11/12/2013	13:30	9.58	103.32		
COR-MW3d	12/17/2013	12:50	9.47	103.43		
COR-MW4s	1/30/2012	16:30	6.19	105.37	0.01	0.00
COR-MW4s	2/10/2012	10:02	5.61	105.95	0.01	0.00
COR-MW4s	3/5/2012	10:50	6.14	105.42	0.00	0.00
COR-MW4s	4/9/2012	11:13	5.73	105.83	0.14	0.01
COR-MW4s	5/11/2012	15:40	7.65	103.91	0.03	0.00
COR-MW4s	6/20/2012	11:10	6.63	104.93	0.22	0.02
COR-MW4s	7/11/2012	15:14	7.22	104.34	0.21	0.02
COR-MW4s	8/17/2012	8:36	8.54	103.02	0.02	0.00
COR-MW4s	9/18/2012	10:31	7.30	104.26	0.03	0.00
COR-MW4s	10/19/2012	9:41	8.75	102.81	0.03	0.00
COR-MW4s	12/7/2012	13:28	7.24	104.32	0.02	0.00
COR-MW4s	12/31/2012	10:40	6.74	104.82	0.00	0.00
COR-MW4s	1/15/2013	9:50	6.54	105.02	-0.01	-0.00
COR-MW4s	2/16/2013	16:56	6.17	105.39	-0.01	-0.00
COR-MW4s	3/18/2013	10:20	6.24	105.32	0.03	0.00
COR-MW4s	4/17/2013	13:35	5.67	105.89	-0.03	-0.00
COR-MW4s	5/29/2013	8:41	7.46	104.10	0.02	0.00
COR-MW4s	6/18/2013	12:10	8.53	103.03	0.01	0.00
COR-MW4s	7/15/2013	13:55	9.06	102.50	0.02	0.00
COR-MW4s	8/22/2013	9:29	9.12	102.44	-0.01	-0.00
COR-MW4s	9/9/2013	10:20	9.05	102.51	0.01	0.00
COR-MW4s	10/7/2013	13:11	8.96	102.60	0.01	0.00
COR-MW4s	11/12/2013	13:44	8.76	102.80	0.01	0.00
COR-MW4s	12/17/2013	12:36	8.57	102.99	0.03	0.00
COR-MW4d	1/30/2012	16:30	6.07	105.36		
COR-MW4d	2/10/2012	10:03	5.49	105.94		
COR-MW4d	3/5/2012	10:51	6.01	105.42		
COR-MW4d	4/9/2012	11:14	5.74	105.69		
COR-MW4d	5/11/2012	15:41	7.55	103.88		
COR-MW4d	6/20/2012	11:10	6.72	104.71		
COR-MW4d	7/11/2012	15:14	7.30	104.13		
COR-MW4d	8/17/2012	8:36	8.43	103.00		
COR-MW4d	9/18/2012	10:31	7.20	104.23		
COR-MW4d	10/19/2012	9:41	8.65	102.78		
COR-MW4d	12/7/2012	13:28	7.13	104.30		
COR-MW4d	12/31/2012	10:41	6.61	104.82		
COR-MW4d	1/15/2013	9:50	6.40	105.03		
COR-MW4d	2/16/2013	16:56	6.03	105.40		
COR-MW4d	3/18/2013	10:20	6.14	105.29		
COR-MW4d	4/17/2013	13:35	5.51	105.92		
COR-MW4d	5/29/2013	8:41	7.35	104.08		
COR-MW4d	6/18/2013	12:11	8.41	103.02		
COR-MW4d	7/15/2013	13:55	8.95	102.48		
COR-MW4d	8/22/2013	9:29	8.98	102.45		
COR-MW4d	9/9/2013	10:20	8.93	102.50		
COR-MW4d	10/7/2013	13:11	8.84	102.59		
COR-MW4d	11/12/2013	13:44	8.64	102.79		
COR-MW4d	12/17/2013	12:36	8.47	102.96		
COR-MW5s	1/30/2012	16:40	6.49	105.34	-0.01	-0.00
COR-MW5s	2/10/2012	9:40	6.08	105.75	-0.02	-0.00
COR-MW5s	3/5/2012	10:55	6.47	105.36	0.20	0.02
COR-MW5s	4/9/2012	11:09	6.08	105.75	-0.02	-0.00
COR-MW5s	5/11/2012	15:22	7.84	103.99	0.00	0.00
COR-MW5s	6/20/2012	11:07	6.63	105.20	-0.01	-0.00
COR-MW5s	7/11/2012	15:19	7.19	104.64	-0.02	-0.00
COR-MW5s	8/17/2012	8:30	8.67	103.16	0.00	0.00
COR-MW5s	9/18/2012	10:35	7.34	104.49	0.00	0.00
COR-MW5s	10/19/2012	9:43	8.83	103.00	0.00	0.00
COR-MW5s	12/7/2012	13:25	7.45	104.38	-0.01	-0.00
COR-MW5s	12/31/2012	10:43	6.94	104.89	0.01	0.00
COR-MW5s	1/15/2013	9:54	6.76	105.07	-0.03	-0.00
COR-MW5s	2/16/2013	16:59	6.42	105.41	0.00	0.00
COR-MW5s	3/18/2013	10:16	6.53	105.30	-0.01	-0.00
COR-MW5s	4/17/2013	13:32	5.93	105.90	-0.03	-0.00
COR-MW5s	5/29/2013	8:35	7.72	104.11	-0.03	-0.00
COR-MW5s	6/18/2013	12:13	8.74	103.09	0.00	0.00
COR-MW5s	7/15/2013	13:51	9.22	102.61	0.00	0.00
COR-MW5s	8/22/2013	9:26	9.42	102.41	-0.02	-0.00
COR-MW5s	9/9/2013	10:17	9.37	102.46	0.00	0.00
COR-MW5s	10/7/2013	13:08	9.26	102.57	-0.04	-0.00
COR-MW5s	11/12/2013	13:49	9.05	102.78	-0.01	-0.00
COR-MW5s	12/17/2013	12:34	8.83	103.00	0.03	0.00
COR-MW5d	1/30/2012	16:40	6.34	105.35		
COR-MW5d	2/10/2012	9:41	5.92	105.77		
COR-MW5d	3/5/2012	10:57	6.53	105.16		
COR-MW5d	4/9/2012	11:10	5.92	105.77		
COR-MW5d	5/11/2012	15:22	7.70	103.99		
COR-MW5d	6/20/2012	11:08	6.48	105.21		
COR-MW5d	7/11/2012	15:19	7.03	104.66		
COR-MW5d	8/17/2012	8:30	8.53	103.16		
COR-MW5d	9/18/2012	10:35	7.20	104.49		
COR-MW5d	10/19/2012	9:43	8.69	103.00		
COR-MW5d	12/7/2012	13:25	7.30	104.39		
COR-MW5d	12/31/2012	10:44	6.81	104.88		
COR-MW5d	1/15/2013	9:54	6.59	105.10		
COR-MW5d	2/16/2013	16:59	6.28	105.41		
COR-MW5d	3/18/2013	10:16	6.38	105.31		
COR-MW5d	4/17/2013	13:32	5.76	105.93		
COR-MW5d	5/29/2013	8:35	7.55	104.14		
COR-MW5d	6/18/2013	12:14	8.60	103.09		
COR-MW5d	7/15/2013	13:51	9.08	102.61		
COR-MW5d	8/22/2013	9:26	9.26	102.43		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
COR-MW5d	9/9/2013	10:17	9.23	102.46		
COR-MW5d	10/7/2013	13:08	9.08	102.61		
COR-MW5d	11/12/2013	13:49	8.90	102.79		
COR-MW5d	12/17/2013	12:34	8.72	102.97		
FG2-MW1s	1/30/2012	9:34	5.59	75.92	-0.11	-0.01
FG2-MW1s	2/10/2012	15:21	5.71	75.80	-0.10	-0.01
FG2-MW1s	3/5/2012	10:57	6.11	75.40	-0.07	-0.00
FG2-MW1s	4/9/2012	10:41	6.92	74.59	-0.15	-0.01
FG2-MW1s	5/10/2012	13:52	4.42	77.09	0.17	0.01
FG2-MW1s	6/20/2012	9:42	4.39	77.12	-0.02	-0.00
FG2-MW1s	7/9/2012	12:11	4.61	76.90	0.08	0.01
FG2-MW1s	8/15/2012	13:36	4.40	77.11	0.17	0.01
FG2-MW1s	9/20/2012	11:57	5.00	76.51	0.11	0.01
FG2-MW1s	10/19/2012	12:51	5.32	76.19	-0.03	-0.00
FG2-MW1s	12/6/2012	10:31	5.24	76.27	-0.05	-0.00
FG2-MW1s	12/31/2012	9:15	5.24	76.27	-0.05	-0.00
FG2-MW1s	1/15/2013	12:44	4.95	76.56	0.00	0.00
FG2-MW1s	2/18/2013	16:26	4.45	77.06	0.13	0.01
FG2-MW1s	3/22/2013	15:49	4.64	76.87	-0.06	-0.00
FG2-MW1s	4/17/2013	15:25	5.98	75.53	-0.15	-0.01
FG2-MW1s	5/31/2013	12:00	5.43	76.08	0.18	0.01
FG2-MW1s	6/18/2013	10:42	5.27	76.24	0.12	0.01
FG2-MW1s	7/15/2013	15:54	4.67	76.84	0.16	0.01
FG2-MW1s	8/22/2013	16:15	4.52	76.99	0.22	0.01
FG2-MW1s	9/9/2013	11:51	4.60	76.91	0.19	0.01
FG2-MW1s	10/7/2013	14:56	5.12	76.39	0.07	0.00
FG2-MW1s	11/13/2013	13:12	6.12	75.39	0.00	0.00
FG2-MW1s	12/17/2013	15:22	5.75	75.76	-0.03	-0.00
FG2-MW1d	1/30/2012	9:35	5.29	76.03		
FG2-MW1d	2/10/2012	15:22	5.42	75.90		
FG2-MW1d	3/5/2012	10:58	5.85	75.47		
FG2-MW1d	4/9/2012	10:40	6.58	74.74		
FG2-MW1d	5/10/2012	13:53	4.40	76.92		
FG2-MW1d	6/20/2012	9:43	4.18	77.14		
FG2-MW1d	7/9/2012	12:10	4.50	76.82		
FG2-MW1d	8/15/2012	13:37	4.38	76.94		
FG2-MW1d	9/20/2012	11:58	4.92	76.40		
FG2-MW1d	10/19/2012	12:51	5.10	76.22		
FG2-MW1d	12/6/2012	10:31	5.00	76.32		
FG2-MW1d	12/31/2012	9:16	5.00	76.32		
FG2-MW1d	1/15/2013	12:44	4.76	76.56		
FG2-MW1d	2/18/2013	16:26	4.39	76.93		
FG2-MW1d	3/22/2013	15:49	4.39	76.93		
FG2-MW1d	4/17/2013	15:25	5.64	75.68		
FG2-MW1d	5/31/2013	12:00	5.42	75.90		
FG2-MW1d	6/18/2013	10:43	5.20	76.12		
FG2-MW1d	7/15/2013	15:54	4.64	76.68		
FG2-MW1d	8/22/2013	16:15	4.55	76.77		
FG2-MW1d	9/9/2013	11:51	4.60	76.72		
FG2-MW1d	10/7/2013	14:56	5.00	76.32		
FG2-MW1d	11/13/2013	13:12	5.93	75.39		
FG2-MW1d	12/17/2013	15:22	5.53	75.79		
FG2-MW2s	1/30/2012	9:40	9.03	76.41	0.11	0.01
FG2-MW2s	2/10/2012	16:06	9.22	76.22	0.01	0.00
FG2-MW2s	3/5/2012	10:46	8.58	76.86	0.03	0.00
FG2-MW2s	4/9/2012	10:34	9.43	76.01	0.04	0.00
FG2-MW2s	5/10/2012	12:34	8.13	77.31	0.02	0.00
FG2-MW2s	6/20/2012	9:33	7.41	78.03	0.00	0.00
FG2-MW2s	7/9/2012	12:01	7.39	78.05	0.00	0.00
FG2-MW2s	8/15/2012	13:13	6.07	79.37	0.00	0.00
FG2-MW2s	9/20/2012	11:44	6.88	78.56	0.01	0.00
FG2-MW2s	10/19/2012	12:45	8.48	76.96	0.00	0.00
FG2-MW2s	12/6/2012	10:25	7.70	77.74	0.98	0.05
FG2-MW2s	12/31/2012	8:55	7.70	77.74	0.98	0.05
FG2-MW2s	1/15/2013	12:34	8.82	76.62	-0.01	-0.00
FG2-MW2s	2/18/2013	16:17	9.10	76.34	-0.02	-0.00
FG2-MW2s	3/22/2013	15:41	8.82	76.62	-0.01	-0.00
FG2-MW2s	4/17/2013	15:36	9.79	75.65	-0.02	-0.00
FG2-MW2s	5/31/2013	12:14	9.23	76.21	0.00	0.00
FG2-MW2s	6/18/2013	10:54	9.28	76.16	-0.01	-0.00
FG2-MW2s	7/15/2013	15:45	6.82	78.62	0.03	0.00
FG2-MW2s	8/22/2013	16:07	5.33	80.11	0.00	0.00
FG2-MW2s	9/9/2013	11:59	7.08	78.36	0.00	0.00
FG2-MW2s	10/7/2013	15:07	8.59	76.85	-0.01	-0.00
FG2-MW2s	11/13/2013	13:22	9.22	76.22	-0.01	-0.00
FG2-MW2s	12/17/2013	15:36	9.35	76.09	0.00	0.00
FG2-MW2d	1/30/2012	9:40	9.01	76.30		
FG2-MW2d	2/10/2012	16:07	9.10	76.21		
FG2-MW2d	3/5/2012	10:49	8.48	76.83		
FG2-MW2d	4/9/2012	10:33	9.34	75.97		
FG2-MW2d	5/10/2012	12:34	8.02	77.29		
FG2-MW2d	6/20/2012	9:34	7.28	78.03		
FG2-MW2d	7/9/2012	12:00	7.26	78.05		
FG2-MW2d	8/15/2012	13:14	5.94	79.37		
FG2-MW2d	9/20/2012	11:44	6.76	78.55		
FG2-MW2d	10/19/2012	12:45	8.35	76.96		
FG2-MW2d	12/6/2012	10:25	8.55	76.76		
FG2-MW2d	12/31/2012	8:56	8.55	76.76		
FG2-MW2d	1/15/2013	12:34	8.68	76.63		
FG2-MW2d	2/18/2013	16:17	8.95	76.36		
FG2-MW2d	3/22/2013	15:41	8.68	76.63		
FG2-MW2d	4/17/2013	15:36	9.64	75.67		
FG2-MW2d	5/31/2013	12:14	9.10	76.21		
FG2-MW2d	6/18/2013	10:55	9.14	76.17		
FG2-MW2d	7/15/2013	15:45	6.72	78.59		
FG2-MW2d	8/22/2013	16:07	5.20	80.11		
FG2-MW2d	9/9/2013	11:59	6.95	78.36		
FG2-MW2d	10/7/2013	15:07	8.45	76.86		
FG2-MW2d	11/13/2013	13:22	9.08	76.23		
FG2-MW2d	12/17/2013	15:36	9.22	76.09		
FG2-MW3s	1/30/2012	9:48	9.65	76.13	0.00	0.00
FG2-MW3s	2/10/2012	15:45	9.70	76.08	0.00	0.00
FG2-MW3s	3/5/2012	10:53	9.58	76.20	0.74	0.04
FG2-MW3s	4/9/2012	10:38	10.38	75.40	-0.38	-0.02
FG2-MW3s	5/10/2012	13:22	10.33	75.45	-0.02	-0.00
FG2-MW3s	6/20/2012	9:36	9.64	76.14	-0.01	-0.00
FG2-MW3s	7/9/2012	12:06	9.12	76.66	0.00	0.00
FG2-MW3s	8/15/2012	13:17	8.57	77.21	-0.01	-0.00
FG2-MW3s	9/20/2012	11:47	8.96	76.82	0.31	0.02
FG2-MW3s	10/19/2012	12:48	9.59	76.19	0.00	0.00
FG2-MW3s	12/6/2012	10:28	9.93	75.85	-0.99	-0.06
FG2-MW3s	12/31/2012	9:05	9.93	75.85	-0.99	-0.06
FG2-MW3s	1/15/2013	12:39	9.78	76.00	-0.02	-0.00
FG2-MW3s	2/18/2013	16:21	9.60	76.18	0.03	0.00

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
FG2-MW3s	3/22/2013	15:45	9.74	76.04	0.00	0.00
FG2-MW3s	4/17/2013	15:31	10.43	75.35	-0.01	-0.00
FG2-MW3s	5/31/2013	12:08	10.48	75.30	-0.02	-0.00
FG2-MW3s	6/18/2013	10:49	10.05	75.73	-0.01	-0.00
FG2-MW3s	7/15/2013	15:50	9.22	76.56	0.00	0.00
FG2-MW3s	8/22/2013	16:11	8.52	77.26	0.00	0.00
FG2-MW3s	9/9/2013	11:56	8.86	76.92	-0.04	-0.00
FG2-MW3s	10/7/2013	15:02	9.50	76.28	-0.01	-0.00
FG2-MW3s	11/13/2013	13:17	10.07	75.71	-0.01	-0.00
FG2-MW3s	12/17/2013	15:26	9.95	75.83	-0.03	-0.00
FG2-MW3d	1/30/2012	9:49	9.21	76.13		
FG2-MW3d	2/10/2012	15:46	9.26	76.08		
FG2-MW3d	3/5/2012	10:54	9.88	75.46		
FG2-MW3d	4/9/2012	10:37	9.56	75.78		
FG2-MW3d	5/10/2012	13:23	9.87	75.47		
FG2-MW3d	6/20/2012	9:37	9.19	76.15		
FG2-MW3d	7/9/2012	12:05	8.68	76.66		
FG2-MW3d	8/15/2012	13:18	8.12	77.22		
FG2-MW3d	9/20/2012	11:48	8.83	76.51		
FG2-MW3d	10/19/2012	12:48	9.15	76.19		
FG2-MW3d	12/6/2012	10:28	8.50	76.84		
FG2-MW3d	12/31/2012	9:06	8.50	76.84		
FG2-MW3d	1/15/2013	12:39	9.32	76.02		
FG2-MW3d	2/18/2013	16:21	9.19	76.15		
FG2-MW3d	3/22/2013	15:45	9.30	76.04		
FG2-MW3d	4/17/2013	15:31	9.98	75.36		
FG2-MW3d	5/31/2013	12:08	10.02	75.32		
FG2-MW3d	6/18/2013	10:51	9.60	75.74		
FG2-MW3d	7/15/2013	15:50	8.78	76.56		
FG2-MW3d	8/22/2013	16:11	8.08	77.26		
FG2-MW3d	9/9/2013	11:56	8.38	76.96		
FG2-MW3d	10/7/2013	15:02	9.05	76.29		
FG2-MW3d	11/13/2013	13:17	9.62	75.72		
FG2-MW3d	12/17/2013	15:26	9.48	75.86		
FG2-MW4s	1/30/2012	10:03	10.05	77.31	0.00	0.00
FG2-MW4s	2/10/2012	14:56	10.22	77.14	-0.01	-0.00
FG2-MW4s	3/5/2012	11:01	8.11	79.25	0.04	0.00
FG2-MW4s	4/9/2012	10:46	10.61	76.75	-0.02	-0.00
FG2-MW4s	5/10/2012	14:14	10.80	76.56	-0.01	-0.00
FG2-MW4s	6/20/2012	9:46	10.12	77.24	0.02	0.00
FG2-MW4s	7/9/2012	12:15	9.63	77.73	0.04	0.00
FG2-MW4s	8/15/2012	13:25	8.17	79.19	-0.02	-0.00
FG2-MW4s	9/20/2012	11:51	8.67	78.69	0.27	0.02
FG2-MW4s	10/19/2012	12:55	10.06	77.30	0.02	0.00
FG2-MW4s	12/6/2012	10:36	8.85	78.51	-0.10	-0.01
FG2-MW4s	12/31/2012	9:21	8.85	78.51	-0.10	-0.01
FG2-MW4s	1/15/2013	11:47	9.42	77.94	0.00	0.00
FG2-MW4s	2/18/2013	16:30	10.00	77.36	0.00	0.00
FG2-MW4s	3/22/2013	15:53	10.68	76.68	-0.02	-0.00
FG2-MW4s	4/17/2013	15:16	11.71	75.65	-0.04	-0.00
FG2-MW4s	5/31/2013	11:53	10.87	76.49	-0.02	-0.00
FG2-MW4s	6/18/2013	10:37	10.40	76.96	0.00	0.00
FG2-MW4s	7/15/2013	16:00	8.49	78.87	-0.02	-0.00
FG2-MW4s	8/22/2013	16:19	6.97	80.39	0.02	0.00
FG2-MW4s	9/9/2013	11:48	8.73	78.63	0.10	0.01
FG2-MW4s	10/7/2013	14:52	9.12	78.24	0.01	0.00
FG2-MW4s	11/13/2013	13:05	10.21	77.15	-0.01	-0.00
FG2-MW4s	12/17/2013	15:16	10.43	76.93	0.23	0.01
FG2-MW4d	1/30/2012	10:05	9.60	77.31		
FG2-MW4d	2/10/2012	14:57	9.76	77.15		
FG2-MW4d	3/5/2012	11:02	7.70	79.21		
FG2-MW4d	4/9/2012	10:45	10.14	76.77		
FG2-MW4d	5/10/2012	14:15	10.34	76.57		
FG2-MW4d	6/20/2012	9:47	9.69	77.22		
FG2-MW4d	7/9/2012	12:15	9.22	77.69		
FG2-MW4d	8/15/2012	13:26	7.70	79.21		
FG2-MW4d	9/20/2012	11:52	8.49	78.42		
FG2-MW4d	10/19/2012	12:55	9.63	77.28		
FG2-MW4d	12/6/2012	10:36	8.30	78.61		
FG2-MW4d	12/31/2012	9:22	8.30	78.61		
FG2-MW4d	1/15/2013	11:47	8.97	77.94		
FG2-MW4d	2/18/2013	16:30	9.55	77.36		
FG2-MW4d	3/22/2013	15:53	10.21	76.70		
FG2-MW4d	4/17/2013	15:16	11.22	75.69		
FG2-MW4d	5/31/2013	11:53	10.40	76.51		
FG2-MW4d	6/18/2013	10:38	9.95	76.96		
FG2-MW4d	7/15/2013	16:00	8.02	78.89		
FG2-MW4d	8/22/2013	16:19	6.54	80.37		
FG2-MW4d	9/9/2013	11:48	8.38	78.53		
FG2-MW4d	10/7/2013	14:52	8.68	78.23		
FG2-MW4d	11/13/2013	13:05	9.75	77.16		
FG2-MW4d	12/17/2013	15:16	10.21	76.70		
FG2-MW5s	1/30/2012	10:07	9.65	73.91	-0.23	-0.01
FG2-MW5s	2/10/2012	14:34	5.91	77.65	0.00	0.00
FG2-MW5s	3/5/2012	11:09	5.43	78.13	0.01	0.00
FG2-MW5s	4/9/2012	10:52	6.83	76.73	0.03	0.00
FG2-MW5s	5/10/2012	14:38	6.30	77.26	0.01	0.00
FG2-MW5s	6/20/2012	9:23	6.85	76.71	-0.01	-0.00
FG2-MW5s	7/9/2012	12:20	6.74	76.82	0.02	0.00
FG2-MW5s	8/15/2012	12:56	3.83	79.73	0.04	0.00
FG2-MW5s	9/20/2012	11:40	4.13	79.43	0.08	0.00
FG2-MW5s	10/19/2012	13:00	11.11	72.45	0.13	0.01
FG2-MW5s	12/6/2012	10:21	5.12	78.44	0.01	0.00
FG2-MW5s	12/31/2012		N/M			
FG2-MW5s	1/15/2013	11:51	5.77	77.79	-0.15	-0.01
FG2-MW5s	2/18/2013	16:15	5.85	77.71	-0.08	-0.00
FG2-MW5s	3/22/2013	15:56	5.99	77.57	0.01	0.00
FG2-MW5s	4/17/2013	15:11	5.55	78.01	0.02	0.00
FG2-MW5s	5/31/2013	12:19	6.17	77.39	-0.01	-0.00
FG2-MW5s	6/18/2013	10:32	6.65	76.91	0.10	0.01
FG2-MW5s	7/15/2013	16:07	1.38	82.18	0.01	0.00
FG2-MW5s	8/22/2013	16:03	4.67	78.89	0.02	0.00
FG2-MW5s	9/9/2013	11:44	5.42	78.14	0.01	0.00
FG2-MW5s	10/7/2013	14:50	1.65	81.91	-0.01	-0.00
FG2-MW5s	11/13/2013	13:01	6.00	77.56	0.03	0.00
FG2-MW5s	12/17/2013	15:11	6.59	76.97	-0.01	-0.00
FG2-MW5d	1/30/2012	10:08	9.21	74.14		
FG2-MW5d	2/10/2012	14:35	5.70	77.65		
FG2-MW5d	3/5/2012	11:10	5.23	78.12		
FG2-MW5d	4/9/2012	10:51	6.65	76.70		
FG2-MW5d	5/10/2012	14:38	6.10	77.25		
FG2-MW5d	6/20/2012	9:24	6.63	76.72		
FG2-MW5d	7/9/2012	12:19	6.55	76.80		
FG2-MW5d	8/15/2012	12:57	3.66	79.69		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
FG2-MW5d	9/20/2012	11:40	4.00	79.35		
FG2-MW5d	10/19/2012	13:00	11.03	72.32		
FG2-MW5d	12/6/2012	10:21	4.92	78.43		
FG2-MW5d	12/31/2012		N/M			
FG2-MW5d	1/15/2013	11:51	5.41	77.94		
FG2-MW5d	2/18/2013	16:15	5.56	77.79		
FG2-MW5d	3/22/2013	15:56	5.79	77.56		
FG2-MW5d	4/17/2013	15:11	5.36	77.99		
FG2-MW5d	5/31/2013	12:19	5.95	77.40		
FG2-MW5d	6/18/2013	10:33	6.54	76.81		
FG2-MW5d	7/15/2013	16:07	1.18	82.17		
FG2-MW5d	8/22/2013	16:03	4.48	78.87		
FG2-MW5d	9/9/2013	11:44	5.22	78.13		
FG2-MW5d	10/7/2013	14:50	1.43	81.92		
FG2-MW5d	11/13/2013	13:01	5.82	77.53		
FG2-MW5d	12/17/2013	15:11	6.37	76.98		
GOD-MW1s	1/30/2012	15:33	8.71	89.46	0.02	0.00
GOD-MW1s	2/9/2012	10:54	8.66	89.51	0.02	0.00
GOD-MW1s	3/5/2012	9:15	7.21	90.96	0.19	0.01
GOD-MW1s	4/9/2012	13:43	7.06	91.11	0.01	0.00
GOD-MW1s	5/9/2012	17:23	7.70	90.47	-0.01	-0.00
GOD-MW1s	6/20/2012	13:24	7.05	91.12	0.01	0.00
GOD-MW1s	7/11/2012	13:28	8.19	89.98	-0.02	-0.00
GOD-MW1s	8/20/2012	15:10	6.23	91.94	0.04	0.00
GOD-MW1s	9/20/2012	9:18	7.12	91.05	-0.05	-0.00
GOD-MW1s	10/19/2012	10:52	9.12	89.05	0.04	0.00
GOD-MW1s	12/3/2012	13:27	9.86	88.31	0.02	0.00
GOD-MW1s	12/31/2012	12:07	9.70	88.47	0.02	0.00
GOD-MW1s	1/15/2013	10:59	9.58	88.59	0.00	0.00
GOD-MW1s	2/16/2013	17:52	8.61	89.56	-0.02	-0.00
GOD-MW1s	3/19/2013	9:44	6.96	91.21	-0.01	-0.00
GOD-MW1s	4/17/2013	12:03	8.19	89.98	0.00	0.00
GOD-MW1s	5/29/2013	17:22	7.55	90.62	0.00	0.00
GOD-MW1s	6/18/2013	14:07	8.08	90.09	-0.04	-0.00
GOD-MW1s	7/15/2013	12:16	7.65	90.52	-0.01	-0.00
GOD-MW1s	8/21/2013	9:20	7.34	90.83	-0.01	-0.00
GOD-MW1s	9/9/2013	9:06	8.17	90.00	0.00	0.00
GOD-MW1s	10/7/2013	11:41	8.80	89.37	0.01	0.00
GOD-MW1s	11/11/2013	14:02	10.22	87.95	0.00	0.00
GOD-MW1s	12/17/2013	11:33	10.18	87.99	0.00	0.00
GOD-MW1d	1/30/2012	15:33	8.64	89.44		
GOD-MW1d	2/9/2012	10:56	8.59	89.49		
GOD-MW1d	3/5/2012	9:16	7.31	90.77		
GOD-MW1d	4/9/2012	13:44	6.98	91.10		
GOD-MW1d	5/9/2012	17:24	7.60	90.48		
GOD-MW1d	6/20/2012	13:25	6.97	91.11		
GOD-MW1d	7/11/2012	13:28	8.08	90.00		
GOD-MW1d	8/20/2012	15:11	6.18	91.90		
GOD-MW1d	9/20/2012	9:18	6.98	91.10		
GOD-MW1d	10/19/2012	10:52	9.07	89.01		
GOD-MW1d	12/3/2012	13:27	9.79	88.29		
GOD-MW1d	12/31/2012	12:08	9.63	88.45		
GOD-MW1d	1/15/2013	10:59	9.49	88.59		
GOD-MW1d	2/16/2013	17:52	8.50	89.58		
GOD-MW1d	3/19/2013	9:44	6.86	91.22		
GOD-MW1d	4/17/2013	12:03	8.10	89.98		
GOD-MW1d	5/29/2013	17:22	7.46	90.62		
GOD-MW1d	6/18/2013	14:09	7.95	90.13		
GOD-MW1d	7/15/2013	12:16	7.55	90.53		
GOD-MW1d	8/21/2013	9:20	7.24	90.84		
GOD-MW1d	9/9/2013	9:06	8.08	90.00		
GOD-MW1d	10/7/2013	11:41	8.72	89.36		
GOD-MW1d	11/11/2013	14:02	10.13	87.95		
GOD-MW1d	12/17/2013	11:33	10.09	87.99		
GOD-MW2s	1/30/2012	15:40	10.99	91.41	0.01	0.00
GOD-MW2s	2/9/2012	11:42	11.14	91.26	-0.02	-0.00
GOD-MW2s	3/5/2012	9:19	10.71	91.69	-0.02	-0.00
GOD-MW2s	4/9/2012	13:24	10.23	92.17	-0.11	-0.01
GOD-MW2s	5/9/2012	16:32	10.80	91.60	0.01	0.00
GOD-MW2s	6/20/2012	13:41	10.15	92.25	0.01	0.00
GOD-MW2s	7/11/2012	13:17	11.11	91.29	-0.03	-0.00
GOD-MW2s	8/20/2012	15:18	10.23	92.17	0.02	0.00
GOD-MW2s	9/20/2012	9:27	11.12	91.28	0.01	0.00
GOD-MW2s	10/19/2012	10:41	12.22	90.18	0.03	0.00
GOD-MW2s	12/3/2012	13:33	12.94	89.46	0.01	0.00
GOD-MW2s	12/31/2012	11:58	12.90	89.50	0.02	0.00
GOD-MW2s	1/15/2013	10:53	12.75	89.65	0.00	0.00
GOD-MW2s	2/16/2013	17:46	13.10	89.30	0.00	0.00
GOD-MW2s	3/19/2013	9:30	11.43	90.97	0.00	0.00
GOD-MW2s	4/17/2013	11:49	11.25	91.15	0.02	0.00
GOD-MW2s	5/29/2013	17:17	11.24	91.16	0.04	0.00
GOD-MW2s	6/18/2013	13:48	11.67	90.73	-0.01	-0.00
GOD-MW2s	7/15/2013	12:05	9.50	92.90	-0.02	-0.00
GOD-MW2s	8/21/2013	9:09	10.73	91.67	0.00	0.00
GOD-MW2s	9/9/2013	9:17	11.63	90.77	0.00	0.00
GOD-MW2s	10/7/2013	11:30	12.25	90.15	0.02	0.00
GOD-MW2s	11/11/2013	13:48	12.78	89.62	0.04	0.00
GOD-MW2s	12/17/2013	11:22	13.43	88.97	0.01	0.00
GOD-MW2d	1/30/2012	15:40	10.90	91.40		
GOD-MW2d	2/9/2012	11:43	11.02	91.28		
GOD-MW2d	3/5/2012	9:20	10.59	91.71		
GOD-MW2d	4/9/2012	13:25	10.02	92.28		
GOD-MW2d	5/9/2012	16:33	10.71	91.59		
GOD-MW2d	6/20/2012	13:42	10.06	92.24		
GOD-MW2d	7/11/2012	13:17	10.98	91.32		
GOD-MW2d	8/20/2012	15:18	10.15	92.15		
GOD-MW2d	9/20/2012	9:27	11.03	91.27		
GOD-MW2d	10/19/2012	10:41	12.15	90.15		
GOD-MW2d	12/3/2012	13:33	12.85	89.45		
GOD-MW2d	12/31/2012	11:59	12.82	89.48		
GOD-MW2d	1/15/2013	10:53	12.65	89.65		
GOD-MW2d	2/16/2013	17:46	13.00	89.30		
GOD-MW2d	3/19/2013	9:30	11.33	90.97		
GOD-MW2d	4/17/2013	11:49	11.17	91.13		
GOD-MW2d	5/29/2013	17:18	11.18	91.12		
GOD-MW2d	6/18/2013	13:50	11.56	90.74		
GOD-MW2d	7/15/2013	12:05	9.38	92.92		
GOD-MW2d	8/21/2013	9:09	10.63	91.67		
GOD-MW2d	9/9/2013	9:17	11.53	90.77		
GOD-MW2d	10/7/2013	11:30	12.17	90.13		
GOD-MW2d	11/11/2013	13:48	12.72	89.58		
GOD-MW2d	12/17/2013	11:22	13.34	88.96		
GOD-MW3s	1/30/2012	15:43	11.55	89.84	0.02	0.00
GOD-MW3s	2/9/2012	11:21	11.74	89.65	0.03	0.00

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
GOD-MW3s	3/5/2012	9:22	11.81	89.58	0.04	0.00
GOD-MW3s	4/9/2012	13:31	10.61	90.78	0.00	0.00
GOD-MW3s	5/9/2012	17:00	11.35	90.04	0.00	0.00
GOD-MW3s	6/20/2012	13:36	11.17	90.22	0.03	0.00
GOD-MW3s	7/11/2012	13:20	12.06	89.33	-0.05	-0.00
GOD-MW3s	8/20/2012	15:14	11.77	89.62	0.04	0.00
GOD-MW3s	9/20/2012	9:22	12.33	89.06	0.05	0.00
GOD-MW3s	10/19/2012	10:48	12.96	88.43	0.00	0.00
GOD-MW3s	12/3/2012	13:30	13.40	87.99	0.02	0.00
GOD-MW3s	12/31/2012	12:02	13.28	88.11	-0.01	-0.00
GOD-MW3s	1/15/2013	10:56	13.21	88.18	0.02	0.00
GOD-MW3s	2/16/2013	17:48	13.22	88.17	0.01	0.00
GOD-MW3s	3/19/2013	9:34	12.03	89.36	0.03	0.00
GOD-MW3s	4/17/2013	11:53	11.73	89.66	0.02	0.00
GOD-MW3s	5/29/2013	17:20	12.25	89.14	0.03	0.00
GOD-MW3s	6/18/2013	13:51	12.54	88.85	0.03	0.00
GOD-MW3s	7/15/2013	12:09	11.70	89.69	0.08	0.01
GOD-MW3s	8/21/2013	9:13	12.96	88.43	0.05	0.00
GOD-MW3s	9/9/2013	9:14	12.86	88.53	0.03	0.00
GOD-MW3s	10/7/2013	11:33	12.93	88.46	0.01	0.00
GOD-MW3s	11/11/2013	13:53	13.45	87.94	0.03	0.00
GOD-MW3s	12/17/2013	11:27	13.86	87.53	0.05	0.00
GOD-MW3d	1/30/2012	15:43	11.44	89.82		
GOD-MW3d	2/9/2012	11:22	11.64	89.62		
GOD-MW3d	3/5/2012	9:23	11.72	89.54		
GOD-MW3d	4/9/2012	13:32	10.48	90.78		
GOD-MW3d	5/9/2012	17:00	11.22	90.04		
GOD-MW3d	6/20/2012	13:37	11.07	90.19		
GOD-MW3d	7/11/2012	13:20	11.88	89.38		
GOD-MW3d	8/20/2012	15:14	11.68	89.58		
GOD-MW3d	9/20/2012	9:22	12.25	89.01		
GOD-MW3d	10/19/2012	10:48	12.83	88.43		
GOD-MW3d	12/3/2012	13:30	13.29	87.97		
GOD-MW3d	12/31/2012	12:03	13.14	88.12		
GOD-MW3d	1/15/2013	10:56	13.10	88.16		
GOD-MW3d	2/16/2013	17:48	13.10	88.16		
GOD-MW3d	3/19/2013	9:34	11.93	89.33		
GOD-MW3d	4/17/2013	11:53	11.62	89.64		
GOD-MW3d	5/29/2013	17:20	12.15	89.11		
GOD-MW3d	6/18/2013	13:52	12.44	88.82		
GOD-MW3d	7/15/2013	12:09	11.65	89.61		
GOD-MW3d	8/21/2013	9:13	12.88	88.38		
GOD-MW3d	9/9/2013	9:14	12.76	88.50		
GOD-MW3d	10/7/2013	11:33	12.81	88.45		
GOD-MW3d	11/11/2013	13:53	13.35	87.91		
GOD-MW3d	12/17/2013	11:27	13.78	87.48		
GOD-MW4s	1/30/2012	0:00	11.93	89.72	0.00	0.00
GOD-MW4s	2/9/2012	10:28	11.32	90.33	-0.06	-0.00
GOD-MW4s	3/5/2012	9:25	11.42	90.23	-0.01	-0.00
GOD-MW4s	4/9/2012	13:36	11.25	90.40	0.01	0.00
GOD-MW4s	5/9/2012	17:44	11.14	90.51	0.00	0.00
GOD-MW4s	6/20/2012	13:31	11.63	90.02	-0.01	-0.00
GOD-MW4s	7/11/2012	13:24	12.23	89.42	0.24	0.02
GOD-MW4s	8/20/2012	15:06	12.16	89.49	-0.01	-0.00
GOD-MW4s	9/20/2012	9:14	12.74	88.91	0.05	0.00
GOD-MW4s	10/19/2012	10:55	13.08	88.57	0.07	0.00
GOD-MW4s	12/3/2012	13:24	13.67	87.98	0.01	0.00
GOD-MW4s	12/31/2012	12:12	13.51	88.14	-0.02	-0.00
GOD-MW4s	1/15/2013	11:03	13.49	88.16	-0.10	-0.01
GOD-MW4s	2/16/2013	17:56	10.89	90.76	-0.06	-0.00
GOD-MW4s	3/19/2013	9:39	12.09	89.56	0.00	0.00
GOD-MW4s	4/17/2013	11:58	12.36	89.29	0.04	0.00
GOD-MW4s	5/29/2013	17:25	11.97	89.68	0.06	0.00
GOD-MW4s	6/18/2013	14:03	12.62	89.03	-0.02	-0.00
GOD-MW4s	7/15/2013	12:12	11.91	89.74	-0.09	-0.01
GOD-MW4s	8/21/2013	9:17	12.71	88.94	0.00	0.00
GOD-MW4s	9/9/2013	9:10	13.00	88.65	0.00	0.00
GOD-MW4s	10/7/2013	11:36	13.12	88.53	0.01	0.00
GOD-MW4s	11/11/2013	13:57	13.90	87.75	0.03	0.00
GOD-MW4s	12/17/2013	11:30	14.18	87.47	-0.02	-0.00
GOD-MW4d	1/30/2012	15:50	11.58	89.72		
GOD-MW4d	2/9/2012	10:29	10.91	90.39		
GOD-MW4d	3/5/2012	9:26	11.06	90.24		
GOD-MW4d	4/9/2012	13:37	10.91	90.39		
GOD-MW4d	5/9/2012	17:45	10.79	90.51		
GOD-MW4d	6/20/2012	13:32	11.27	90.03		
GOD-MW4d	7/11/2012	13:24	12.12	89.18		
GOD-MW4d	8/20/2012	15:07	11.80	89.50		
GOD-MW4d	9/20/2012	9:14	12.44	88.86		
GOD-MW4d	10/19/2012	10:55	12.80	88.50		
GOD-MW4d	12/3/2012	13:24	13.33	87.97		
GOD-MW4d	12/31/2012	12:13	13.14	88.16		
GOD-MW4d	1/15/2013	11:03	13.04	88.26		
GOD-MW4d	2/16/2013	17:56	10.48	90.82		
GOD-MW4d	3/19/2013	9:39	11.74	89.56		
GOD-MW4d	4/17/2013	11:58	12.05	89.25		
GOD-MW4d	5/29/2013	17:26	11.68	89.62		
GOD-MW4d	6/18/2013	14:04	12.25	89.05		
GOD-MW4d	7/15/2013	12:12	11.47	89.83		
GOD-MW4d	8/21/2013	9:17	12.36	88.94		
GOD-MW4d	9/9/2013	9:10	12.65	88.65		
GOD-MW4d	10/7/2013	11:36	12.78	88.52		
GOD-MW4d	11/11/2013	13:57	13.58	87.72		
GOD-MW4d	12/17/2013	11:30	13.81	87.49		
GOD-MW5s	1/30/2012	15:55	6.12	96.30	0.00	0.00
GOD-MW5s	2/9/2012	12:58	6.18	96.24	0.00	0.00
GOD-MW5s	3/5/2012	9:30	4.39	98.03	-0.02	-0.00
GOD-MW5s	4/9/2012	13:08	5.06	97.36	0.00	0.00
GOD-MW5s	5/9/2012	18:44	8.57	93.85	-0.06	-0.00
GOD-MW5s	6/20/2012	12:47	6.28	96.14	-0.04	-0.00
GOD-MW5s	7/11/2012	13:01	7.30	95.12	-0.19	-0.01
GOD-MW5s	8/20/2012	15:28	6.42	96.00	0.00	0.00
GOD-MW5s	9/20/2012	9:41	6.94	95.48	0.04	0.00
GOD-MW5s	10/19/2012	10:30	9.14	93.28	-0.07	-0.00
GOD-MW5s	12/3/2012	13:41	9.22	93.20	-0.05	-0.00
GOD-MW5s	12/31/2012	12:30	9.38	93.04	-0.06	-0.00
GOD-MW5s	1/15/2013	10:41	8.49	93.93	-0.03	-0.00
GOD-MW5s	2/16/2013	17:43	9.26	93.16	-0.05	-0.00
GOD-MW5s	3/19/2013	9:16	8.60	93.82	-0.06	-0.00
GOD-MW5s	4/17/2013	11:34	9.14	93.28	-0.05	-0.00
GOD-MW5s	5/29/2013	17:10	8.78	93.64	-0.12	-0.01
GOD-MW5s	6/18/2013	13:40	8.01	94.41	0.00	0.00
GOD-MW5s	7/15/2013	11:54	9.02	93.40	-0.04	-0.00
GOD-MW5s	8/21/2013	8:50	7.60	94.82	-0.06	-0.00

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
GOD-MW5s	9/9/2013	9:26	9.03	93.39	-0.09	-0.00
GOD-MW5s	10/7/2013	12:12	9.46	92.96	-0.05	-0.00
GOD-MW5s	11/11/2013	13:32	9.48	92.94	-0.05	-0.00
GOD-MW5s	12/17/2013	11:44	9.70	92.72	-0.13	-0.01
GOD-MW5d	1/30/2012	15:55	5.86	96.30		
GOD-MW5d	2/9/2012	12:59	5.92	96.24		
GOD-MW5d	3/5/2012	9:31	4.11	98.05		
GOD-MW5d	4/9/2012	13:09	4.80	97.36		
GOD-MW5d	5/9/2012	18:44	8.25	93.91		
GOD-MW5d	6/20/2012	12:48	5.98	96.18		
GOD-MW5d	7/11/2012	13:01	6.85	95.31		
GOD-MW5d	8/20/2012	15:28	6.16	96.00		
GOD-MW5d	9/20/2012	9:41	6.72	95.44		
GOD-MW5d	10/19/2012	10:30	8.81	93.35		
GOD-MW5d	12/3/2012	13:41	8.91	93.25		
GOD-MW5d	12/31/2012	12:32	9.06	93.10		
GOD-MW5d	1/15/2013	10:41	8.20	93.96		
GOD-MW5d	2/16/2013	17:43	8.95	93.21		
GOD-MW5d	3/19/2013	9:16	8.28	93.88		
GOD-MW5d	4/17/2013	11:34	8.83	93.33		
GOD-MW5d	5/29/2013	17:11	8.40	93.76		
GOD-MW5d	6/18/2013	13:41	7.75	94.41		
GOD-MW5d	7/15/2013	11:54	8.72	93.44		
GOD-MW5d	8/21/2013	8:50	7.28	94.88		
GOD-MW5d	9/9/2013	9:26	8.68	93.48		
GOD-MW5d	10/7/2013	12:12	9.15	93.01		
GOD-MW5d	11/11/2013	13:32	9.17	92.99		
GOD-MW5d	12/17/2013	11:44	9.31	92.85		
GOD-MW6s	1/30/2012	16:00	6.84	93.84	-0.03	-0.00
GOD-MW6s	2/9/2012	12:09	7.07	93.61	-0.03	-0.00
GOD-MW6s	3/5/2012	9:33	5.79	94.89	0.02	0.00
GOD-MW6s	4/9/2012	13:18	6.58	94.10	-0.03	-0.00
GOD-MW6s	5/9/2012	18:08	9.10	91.58	-0.15	-0.01
GOD-MW6s	6/20/2012	13:14	6.24	94.44	-0.02	-0.00
GOD-MW6s	7/11/2012	13:13	7.41	93.27	-0.04	-0.00
GOD-MW6s	8/20/2012	15:21	6.29	94.39	-0.06	-0.00
GOD-MW6s	9/20/2012	9:33	6.87	93.81	-0.25	-0.01
GOD-MW6s	10/19/2012	10:38	9.76	90.92	-0.01	-0.00
GOD-MW6s	12/3/2012	13:35	10.30	90.38	-0.06	-0.00
GOD-MW6s	12/31/2012	12:20	10.25	90.43	-0.03	-0.00
GOD-MW6s	1/15/2013	10:50	9.36	91.32	-0.04	-0.00
GOD-MW6s	2/16/2013	17:59	9.80	90.88	-0.04	-0.00
GOD-MW6s	3/19/2013	9:26	8.54	92.14	-0.01	-0.00
GOD-MW6s	4/17/2013	11:45	9.20	91.48	-0.02	-0.00
GOD-MW6s	5/29/2013	17:15	8.92	91.76	-0.02	-0.00
GOD-MW6s	6/18/2013	13:45	9.75	90.93	-0.06	-0.00
GOD-MW6s	7/15/2013	12:03	5.73	94.95	0.02	0.00
GOD-MW6s	8/21/2013	9:03	5.27	95.41	0.02	0.00
GOD-MW6s	9/9/2013	9:20	9.32	91.36	-0.02	-0.00
GOD-MW6s	10/7/2013	12:05	9.44	91.24	0.00	0.00
GOD-MW6s	11/11/2013	13:43	10.02	90.66	0.01	0.00
GOD-MW6s	12/17/2013	11:38	10.47	90.21	0.01	0.00
GOD-MW6d	1/30/2012	16:00	6.74	93.87		
GOD-MW6d	2/9/2012	12:10	6.97	93.64		
GOD-MW6d	3/5/2012	9:35	5.74	94.87		
GOD-MW6d	4/9/2012	13:19	6.48	94.13		
GOD-MW6d	5/9/2012	18:09	8.88	91.73		
GOD-MW6d	6/20/2012	13:15	6.15	94.46		
GOD-MW6d	7/11/2012	13:13	7.30	93.31		
GOD-MW6d	8/20/2012	15:21	6.16	94.45		
GOD-MW6d	9/20/2012	9:33	6.55	94.06		
GOD-MW6d	10/19/2012	10:38	9.68	90.93		
GOD-MW6d	12/3/2012	13:35	10.17	90.44		
GOD-MW6d	12/31/2012	12:21	10.15	90.46		
GOD-MW6d	1/15/2013	10:50	9.25	91.36		
GOD-MW6d	2/16/2013	17:59	9.69	90.92		
GOD-MW6d	3/19/2013	9:26	8.46	92.15		
GOD-MW6d	4/17/2013	11:45	9.11	91.50		
GOD-MW6d	5/29/2013	17:16	8.83	91.78		
GOD-MW6d	6/18/2013	13:46	9.62	90.99		
GOD-MW6d	7/15/2013	12:03	5.68	94.93		
GOD-MW6d	8/21/2013	9:03	5.22	95.39		
GOD-MW6d	9/9/2013	9:20	9.23	91.38		
GOD-MW6d	10/7/2013	12:05	9.37	91.24		
GOD-MW6d	11/11/2013	13:43	9.96	90.65		
GOD-MW6d	12/17/2013	11:38	10.41	90.20		
GOD-MW7s	1/30/2012	16:05	5.79	94.64	0.04	0.00
GOD-MW7s	2/9/2012	12:31	6.06	94.37	0.04	0.00
GOD-MW7s	3/5/2012	9:43	3.51	96.92	0.24	0.01
GOD-MW7s	4/9/2012	13:12	5.14	95.29	0.00	0.00
GOD-MW7s	5/9/2012	18:33	9.40	91.03	-0.07	-0.00
GOD-MW7s	6/20/2012	13:08	5.31	95.12	0.09	0.00
GOD-MW7s	7/11/2012	13:09	6.27	94.16	0.06	0.00
GOD-MW7s	8/20/2012	15:24	5.45	94.98	0.07	0.00
GOD-MW7s	9/20/2012	9:36	6.00	94.43	0.05	0.00
GOD-MW7s	10/19/2012	10:33	9.83	90.60	0.00	0.00
GOD-MW7s	12/3/2012	13:38	9.92	90.51	0.04	0.00
GOD-MW7s	12/31/2012	12:25	9.89	90.54	0.03	0.00
GOD-MW7s	1/15/2013	10:45	9.06	91.37	-0.18	-0.01
GOD-MW7s	2/16/2013	18:04	9.13	91.30	0.03	0.00
GOD-MW7s	3/19/2013	9:21	8.55	91.88	-0.02	-0.00
GOD-MW7s	4/17/2013	11:40	9.44	90.99	0.03	0.00
GOD-MW7s	5/29/2013	17:13	9.07	91.36	-0.04	-0.00
GOD-MW7s	6/18/2013	13:43	9.74	90.69	0.00	0.00
GOD-MW7s	7/15/2013	11:58	8.25	92.18	-0.09	-0.00
GOD-MW7s	8/21/2013	8:58	7.13	93.30	-0.08	-0.00
GOD-MW7s	9/9/2013	9:23	9.55	90.88	0.01	0.00
GOD-MW7s	10/7/2013	12:09	9.56	90.87	0.00	0.00
GOD-MW7s	11/11/2013	13:38	9.80	90.63	0.01	0.00
GOD-MW7s	12/17/2013	11:41	9.98	90.45	0.01	0.00
GOD-MW7d	1/30/2012	16:05	5.75	94.60		
GOD-MW7d	2/9/2012	12:32	6.02	94.33		
GOD-MW7d	3/5/2012	9:45	3.67	96.68		
GOD-MW7d	4/9/2012	13:13	5.06	95.29		
GOD-MW7d	5/9/2012	18:34	9.25	91.10		
GOD-MW7d	6/20/2012	13:09	5.32	95.03		
GOD-MW7d	7/11/2012	13:09	6.25	94.10		
GOD-MW7d	8/20/2012	15:24	5.44	94.91		
GOD-MW7d	9/20/2012	9:37	5.97	94.38		
GOD-MW7d	10/19/2012	10:33	9.75	90.60		
GOD-MW7d	12/3/2012	13:38	9.88	90.47		
GOD-MW7d	12/31/2012	12:26	9.84	90.51		
GOD-MW7d	1/15/2013	10:45	8.80	91.55		
GOD-MW7d	2/16/2013	18:04	9.08	91.27		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
GOD-MW7d	3/19/2013	9:21	8.45	91.90		
GOD-MW7d	4/17/2013	11:40	9.39	90.96		
GOD-MW7d	5/29/2013	17:13	8.95	91.40		
GOD-MW7d	6/18/2013	13:44	9.66	90.69		
GOD-MW7d	7/15/2013	11:58	8.08	92.27		
GOD-MW7d	8/21/2013	8:58	6.97	93.38		
GOD-MW7d	9/9/2013	9:23	9.48	90.87		
GOD-MW7d	10/7/2013	12:09	9.48	90.87		
GOD-MW7d	11/11/2013	13:38	9.73	90.62		
GOD-MW7d	12/17/2013	11:41	9.91	90.44		
MAC-MW1s	1/30/2012	15:05	6.87	93.56	0.01	0.00
MAC-MW1s	2/9/2012	15:14	7.61	92.82	-0.01	-0.00
MAC-MW1s	3/5/2012	10:07	4.96	95.47	0.00	0.00
MAC-MW1s	4/9/2012	12:40	7.51	92.92	0.00	0.00
MAC-MW1s	5/11/2012	11:48	6.04	94.39	0.00	0.00
MAC-MW1s	6/20/2012	12:25	6.74	93.69	0.01	0.00
MAC-MW1s	7/11/2012	14:35	7.66	92.77	-0.02	-0.00
MAC-MW1s	8/17/2012	10:29	6.28	94.15	-0.02	-0.00
MAC-MW1s	9/20/2012	10:43	6.95	93.48	-0.02	-0.00
MAC-MW1s	10/19/2012	10:00	5.68	94.75	-0.01	-0.00
MAC-MW1s	12/3/2012	15:44	5.62	94.81	-0.01	-0.00
MAC-MW1s	12/31/2012	11:11	6.15	94.28	-0.01	-0.00
MAC-MW1s	1/15/2013	10:13	6.53	93.90	-0.06	-0.00
MAC-MW1s	2/16/2013	17:38	8.15	92.28	-0.04	-0.00
MAC-MW1s	3/18/2013	12:31	6.29	94.14	0.00	0.00
MAC-MW1s	4/17/2013	13:08	8.21	92.22	0.01	0.00
MAC-MW1s	5/30/2013	12:20	7.86	92.57	0.00	0.00
MAC-MW1s	6/18/2013	13:00	7.37	93.06	0.02	0.00
MAC-MW1s	7/15/2013	13:02	5.11	95.32	0.00	0.00
MAC-MW1s	8/21/2013	12:51	5.05	95.38	-0.02	-0.00
MAC-MW1s	9/9/2013	9:38	6.39	94.04	0.00	0.00
MAC-MW1s	10/7/2013	12:24	8.33	92.10	0.00	0.00
MAC-MW1s	11/12/2013	9:11	7.58	92.85	-0.01	-0.00
MAC-MW1s	12/17/2013	11:58	8.69	91.74	0.05	0.00
MAC-MW1d	1/30/2012	15:05	6.79	93.55		
MAC-MW1d	2/9/2012	15:15	7.51	92.83		
MAC-MW1d	3/5/2012	10:08	4.87	95.47		
MAC-MW1d	4/9/2012	12:41	7.42	92.92		
MAC-MW1d	5/11/2012	11:49	5.95	94.39		
MAC-MW1d	6/20/2012	12:26	6.66	93.68		
MAC-MW1d	7/11/2012	14:35	7.55	92.79		
MAC-MW1d	8/17/2012	10:29	6.17	94.17		
MAC-MW1d	9/20/2012	10:43	6.84	93.50		
MAC-MW1d	10/19/2012	10:00	5.58	94.76		
MAC-MW1d	12/3/2012	15:44	5.52	94.82		
MAC-MW1d	12/31/2012	11:12	6.05	94.29		
MAC-MW1d	1/15/2013	10:13	6.38	93.96		
MAC-MW1d	2/16/2013	17:38	8.02	92.32		
MAC-MW1d	3/18/2013	12:31	6.20	94.14		
MAC-MW1d	4/17/2013	13:08	8.13	92.21		
MAC-MW1d	5/30/2013	12:20	7.77	92.57		
MAC-MW1d	6/18/2013	13:01	7.30	93.04		
MAC-MW1d	7/15/2013	13:02	5.02	95.32		
MAC-MW1d	8/21/2013	12:51	4.94	95.40		
MAC-MW1d	9/9/2013	9:38	6.30	94.04		
MAC-MW1d	10/7/2013	12:24	8.24	92.10		
MAC-MW1d	11/12/2013	9:11	7.48	92.86		
MAC-MW1d	12/17/2013	11:58	8.65	91.69		
MAC-MW2s	1/30/2012	15:10	6.04	93.38	0.04	0.00
MAC-MW2s	2/9/2012	14:53	6.71	92.71	0.01	0.00
MAC-MW2s	3/5/2012	10:10	3.66	95.76	0.02	0.00
MAC-MW2s	4/9/2012	12:44	6.56	92.86	0.03	0.00
MAC-MW2s	5/11/2012	12:00	5.32	94.10	0.04	0.00
MAC-MW2s	6/20/2012	12:31	3.98	95.44	0.03	0.00
MAC-MW2s	7/11/2012	14:32	5.00	94.42	0.07	0.01
MAC-MW2s	8/17/2012	10:31	5.05	94.37	0.03	0.00
MAC-MW2s	9/20/2012	10:47	5.74	93.68	0.01	0.00
MAC-MW2s	10/19/2012	9:57	5.23	94.19	0.03	0.00
MAC-MW2s	12/3/2012	15:47	6.05	93.37	0.06	0.00
MAC-MW2s	12/31/2012	11:06	6.22	93.20	0.02	0.00
MAC-MW2s	1/15/2013	10:10	6.36	93.06	0.05	0.00
MAC-MW2s	2/16/2013	17:36	7.33	92.09	0.00	0.00
MAC-MW2s	3/18/2013	12:35	5.07	94.35	0.04	0.00
MAC-MW2s	4/17/2013	13:12	7.26	92.16	0.03	0.00
MAC-MW2s	5/30/2013	12:24	6.79	92.63	0.00	0.00
MAC-MW2s	6/18/2013	13:03	5.60	93.82	0.01	0.00
MAC-MW2s	7/15/2013	13:06	4.31	95.11	0.00	0.00
MAC-MW2s	8/21/2013	12:56	3.67	95.75	0.02	0.00
MAC-MW2s	9/9/2013	9:35	4.32	95.10	0.04	0.00
MAC-MW2s	10/7/2013	12:20	7.42	92.00	0.04	0.00
MAC-MW2s	11/12/2013	9:14	6.62	92.80	0.02	0.00
MAC-MW2s	12/17/2013	11:55	7.80	91.62	0.06	0.00
MAC-MW2d	1/30/2012	15:10	5.82	93.34		
MAC-MW2d	2/9/2012	14:54	6.46	92.70		
MAC-MW2d	3/5/2012	10:10	3.42	95.74		
MAC-MW2d	4/9/2012	12:45	6.33	92.83		
MAC-MW2d	5/11/2012	12:01	5.10	94.06		
MAC-MW2d	6/20/2012	12:32	3.75	95.41		
MAC-MW2d	7/11/2012	14:31	4.81	94.35		
MAC-MW2d	8/17/2012	10:31	4.82	94.34		
MAC-MW2d	9/20/2012	10:47	5.49	93.67		
MAC-MW2d	10/19/2012	9:57	5.00	94.16		
MAC-MW2d	12/3/2012	15:47	5.85	93.31		
MAC-MW2d	12/31/2012	11:07	5.98	93.18		
MAC-MW2d	1/15/2013	10:10	6.15	93.01		
MAC-MW2d	2/16/2013	17:36	7.07	92.09		
MAC-MW2d	3/18/2013	12:35	4.85	94.31		
MAC-MW2d	4/17/2013	13:12	7.03	92.13		
MAC-MW2d	5/30/2013	12:24	6.53	92.63		
MAC-MW2d	6/18/2013	13:04	5.35	93.81		
MAC-MW2d	7/15/2013	13:06	4.05	95.11		
MAC-MW2d	8/21/2013	12:56	3.43	95.73		
MAC-MW2d	9/9/2013	9:35	4.10	95.06		
MAC-MW2d	10/7/2013	12:20	7.20	91.96		
MAC-MW2d	11/12/2013	9:14	6.38	92.78		
MAC-MW2d	12/17/2013	11:55	7.60	91.56		
MAC-MW3s	1/30/2012	15:15	6.10	91.96	0.08	0.00
MAC-MW3s	2/9/2012	16:05	5.34	92.72	0.20	0.01
MAC-MW3s	3/5/2012	10:12	4.55	93.51	0.05	0.00
MAC-MW3s	4/9/2012	12:19	6.51	91.55	0.02	0.00
MAC-MW3s	5/11/2012	10:26	5.00	93.06	-0.09	-0.00
MAC-MW3s	6/20/2012	12:12	6.50	91.56	0.01	0.00
MAC-MW3s	7/11/2012	14:49	7.48	90.58	0.00	0.00
MAC-MW3s	8/17/2012	10:20	5.28	92.78	-0.02	-0.00

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
MAC-MW3s	9/20/2012	10:29	5.81	92.25	0.00	0.00
MAC-MW3s	10/19/2012	10:07	5.75	92.31	-0.15	-0.01
MAC-MW3s	12/3/2012	15:55	4.94	93.12	-0.04	-0.00
MAC-MW3s	12/31/2012	11:24	4.48	93.58	-0.06	-0.00
MAC-MW3s	1/15/2013	10:22	4.85	93.21	-0.08	-0.00
MAC-MW3s	2/16/2013	17:26	6.20	91.86	-0.02	-0.00
MAC-MW3s	3/18/2013	12:19	5.59	92.47	0.01	0.00
MAC-MW3s	4/17/2013	12:53	6.88	91.18	-0.01	-0.00
MAC-MW3s	5/30/2013	12:16	6.30	91.76	0.06	0.00
MAC-MW3s	6/18/2013	12:50	5.40	92.66	-0.01	-0.00
MAC-MW3s	7/15/2013	12:50	5.09	92.97	0.03	0.00
MAC-MW3s	8/21/2013	12:40	4.88	93.18	-0.15	-0.01
MAC-MW3s	9/9/2013	9:48	5.74	92.32	0.05	0.00
MAC-MW3s	10/7/2013	12:33	6.83	91.23	-0.01	-0.00
MAC-MW3s	11/12/2013	9:00	6.45	91.61	-0.04	-0.00
MAC-MW3s	12/17/2013	12:06	7.52	90.54	-0.06	-0.00
MAC-MW3d	1/30/2012	15:15	6.00	91.88		
MAC-MW3d	2/9/2012	16:06	5.36	92.52		
MAC-MW3d	3/5/2012	10:13	4.42	93.46		
MAC-MW3d	4/9/2012	12:20	6.35	91.53		
MAC-MW3d	5/11/2012	10:27	4.73	93.15		
MAC-MW3d	6/20/2012	12:13	6.33	91.55		
MAC-MW3d	7/11/2012	14:49	7.30	90.58		
MAC-MW3d	8/17/2012	10:20	5.08	92.80		
MAC-MW3d	9/20/2012	10:29	5.63	92.25		
MAC-MW3d	10/19/2012	10:07	5.42	92.46		
MAC-MW3d	12/3/2012	15:55	4.72	93.16		
MAC-MW3d	12/31/2012	11:25	4.24	93.64		
MAC-MW3d	1/15/2013	10:22	4.59	93.29		
MAC-MW3d	2/16/2013	17:26	6.00	91.88		
MAC-MW3d	3/18/2013	12:19	5.42	92.46		
MAC-MW3d	4/17/2013	12:53	6.69	91.19		
MAC-MW3d	5/30/2013	12:16	6.18	91.70		
MAC-MW3d	6/18/2013	12:51	5.21	92.67		
MAC-MW3d	7/15/2013	12:50	4.94	92.94		
MAC-MW3d	8/21/2013	12:40	4.55	93.33		
MAC-MW3d	9/9/2013	9:48	5.61	92.27		
MAC-MW3d	10/7/2013	12:33	6.64	91.24		
MAC-MW3d	11/12/2013	9:00	6.23	91.65		
MAC-MW3d	12/17/2013	12:06	7.28	90.60		
MAC-MW4s	1/30/2012	15:20	6.01	92.50	0.20	0.01
MAC-MW4s	2/9/2012	15:45	6.52	91.99	0.17	0.01
MAC-MW4s	3/5/2012	10:15	4.65	93.86	0.28	0.01
MAC-MW4s	4/9/2012	12:25	6.78	91.73	0.20	0.01
MAC-MW4s	5/11/2012	10:50	5.65	92.86	0.19	0.01
MAC-MW4s	6/20/2012	12:18	6.01	92.50	0.21	0.01
MAC-MW4s	7/11/2012	14:43	7.26	91.25	0.14	0.01
MAC-MW4s	8/17/2012	10:24	5.44	93.07	0.17	0.01
MAC-MW4s	9/20/2012	10:32	5.96	92.55	0.17	0.01
MAC-MW4s	10/19/2012	10:04	5.15	93.36	0.20	0.01
MAC-MW4s	12/3/2012	15:52	4.62	93.89	0.24	0.01
MAC-MW4s	12/31/2012	11:19	5.32	93.19	0.21	0.01
MAC-MW4s	1/15/2013	10:20	5.83	92.68	0.21	0.01
MAC-MW4s	2/16/2013	17:30	6.93	91.58	0.18	0.01
MAC-MW4s	3/18/2013	12:24	5.48	93.03	0.18	0.01
MAC-MW4s	4/17/2013	13:00	7.09	91.42	0.17	0.01
MAC-MW4s	5/30/2013	12:34	6.88	91.63	0.18	0.01
MAC-MW4s	6/18/2013	12:54	6.22	92.29	0.18	0.01
MAC-MW4s	7/15/2013	12:55	5.05	93.46	0.21	0.01
MAC-MW4s	8/21/2013	12:45	4.77	93.74	0.22	0.01
MAC-MW4s	9/9/2013	9:44	5.17	93.34	0.17	0.01
MAC-MW4s	10/7/2013	12:29	7.01	91.50	0.20	0.01
MAC-MW4s	11/12/2013	9:03	6.40	92.11	0.20	0.01
MAC-MW4s	12/17/2013	12:02	7.43	91.08	0.19	0.01
MAC-MW4d	1/30/2012	15:20	5.95	92.30		
MAC-MW4d	2/9/2012	15:46	6.43	91.82		
MAC-MW4d	3/5/2012	10:16	4.67	93.58		
MAC-MW4d	4/9/2012	12:26	6.72	91.53		
MAC-MW4d	5/11/2012	10:52	5.58	92.67		
MAC-MW4d	6/20/2012	12:19	5.96	92.29		
MAC-MW4d	7/11/2012	14:43	7.14	91.11		
MAC-MW4d	8/17/2012	10:24	5.35	92.90		
MAC-MW4d	9/20/2012	10:32	5.87	92.38		
MAC-MW4d	10/19/2012	10:04	5.09	93.16		
MAC-MW4d	12/3/2012	15:52	4.60	93.65		
MAC-MW4d	12/31/2012	11:20	5.27	92.98		
MAC-MW4d	1/15/2013	10:20	5.78	92.47		
MAC-MW4d	2/16/2013	17:30	6.85	91.40		
MAC-MW4d	3/18/2013	12:24	5.40	92.85		
MAC-MW4d	4/17/2013	13:00	7.00	91.25		
MAC-MW4d	5/30/2013	12:34	6.80	91.45		
MAC-MW4d	6/18/2013	12:55	6.14	92.11		
MAC-MW4d	7/15/2013	12:55	5.00	93.25		
MAC-MW4d	8/21/2013	12:45	4.73	93.52		
MAC-MW4d	9/9/2013	9:44	5.08	93.17		
MAC-MW4d	10/7/2013	12:29	6.95	91.30		
MAC-MW4d	11/12/2013	9:03	6.34	91.91		
MAC-MW4d	12/17/2013	12:02	7.36	90.89		
MAC-MW5s	1/30/2012	15:25	5.23	93.00	-0.02	-0.00
MAC-MW5s	2/9/2012	15:30	5.90	92.33	-0.03	-0.00
MAC-MW5s	3/5/2012	10:19	3.87	94.36	-0.07	-0.00
MAC-MW5s	4/9/2012	12:30	6.03	92.20	0.01	0.00
MAC-MW5s	5/11/2012	11:20	4.80	93.43	-0.03	-0.00
MAC-MW5s	6/20/2012	12:20	5.21	93.02	-0.02	-0.00
MAC-MW5s	7/11/2012	14:40	6.18	92.05	0.08	0.00
MAC-MW5s	8/17/2012	10:27	4.65	93.58	0.02	0.00
MAC-MW5s	9/20/2012	10:37	4.98	93.25	0.01	0.00
MAC-MW5s	10/19/2012	10:02	4.28	93.95	0.00	0.00
MAC-MW5s	12/3/2012	15:49	4.07	94.16	-0.04	-0.00
MAC-MW5s	12/31/2012	11:15	4.70	93.53	0.01	0.00
MAC-MW5s	1/15/2013	10:17	5.10	93.13	-0.01	-0.00
MAC-MW5s	2/16/2013	17:32	6.39	91.84	-0.02	-0.00
MAC-MW5s	3/18/2013	12:27	5.79	92.44	-0.06	-0.00
MAC-MW5s	4/17/2013	13:04	6.51	91.72	-0.02	-0.00
MAC-MW5s	5/30/2013	12:30	6.20	92.03	0.29	0.01
MAC-MW5s	6/18/2013	12:58	5.54	92.69	-0.04	-0.00
MAC-MW5s	7/15/2013	12:58	4.18	94.05	-0.01	-0.00
MAC-MW5s	8/21/2013	12:48	3.89	94.34	0.03	0.00
MAC-MW5s	9/9/2013	9:41	4.48	93.75	-0.03	-0.00
MAC-MW5s	10/7/2013	12:27	6.48	91.75	-0.01	-0.00
MAC-MW5s	11/12/2013	9:07	5.81	92.42	0.01	0.00
MAC-MW5s	12/17/2013	12:00	6.85	91.38	0.15	0.01
MAC-MW5d	1/30/2012	15:25	5.04	93.02		
MAC-MW5d	2/9/2012	15:31	5.70	92.36		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
MAC-MW5d	3/5/2012	10:21	3.63	94.43		
MAC-MW5d	4/9/2012	12:31	5.87	92.19		
MAC-MW5d	5/11/2012	11:21	4.60	93.46		
MAC-MW5d	6/20/2012	12:21	5.02	93.04		
MAC-MW5d	7/11/2012	14:40	6.09	91.97		
MAC-MW5d	8/17/2012	10:27	4.50	93.56		
MAC-MW5d	9/20/2012	10:37	4.82	93.24		
MAC-MW5d	10/19/2012	10:02	4.11	93.95		
MAC-MW5d	12/3/2012	15:49	3.86	94.20		
MAC-MW5d	12/31/2012	11:16	4.54	93.52		
MAC-MW5d	1/15/2013	10:17	4.92	93.14		
MAC-MW5d	2/16/2013	17:32	6.20	91.86		
MAC-MW5d	3/18/2013	12:27	5.56	92.50		
MAC-MW5d	4/17/2013	13:04	6.32	91.74		
MAC-MW5d	5/30/2013	12:30	6.32	91.74		
MAC-MW5d	6/18/2013	12:59	5.33	92.73		
MAC-MW5d	7/15/2013	12:58	4.00	94.06		
MAC-MW5d	8/21/2013	12:48	3.75	94.31		
MAC-MW5d	9/9/2013	9:41	4.28	93.78		
MAC-MW5d	10/7/2013	12:27	6.30	91.76		
MAC-MW5d	11/12/2013	9:07	5.65	92.41		
MAC-MW5d	12/17/2013	12:00	6.83	91.23		
NUN-MW1s	1/30/2012	14:30	7.76	87.47	0.01	0.00
NUN-MW1s	2/9/2012	14:29	6.74	88.49	0.31	0.02
NUN-MW1s	3/5/2012	9:50	6.79	88.44	-0.03	-0.00
NUN-MW1s	4/9/2012	11:58	7.47	87.76	-0.02	-0.00
NUN-MW1s	5/11/2012	13:00	7.65	87.58	-0.03	-0.00
NUN-MW1s	6/20/2012	11:52	7.50	87.73	-0.05	-0.00
NUN-MW1s	7/11/2012	13:47	8.00	87.23	-0.01	-0.00
NUN-MW1s	8/17/2012	11:50	6.94	88.29	0.00	0.00
NUN-MW1s	9/20/2012	10:03	7.19	88.04	0.12	0.01
NUN-MW1s	10/19/2012	10:18	6.55	88.68	-0.03	-0.00
NUN-MW1s	12/4/2012	13:07	7.15	88.08	-0.03	-0.00
NUN-MW1s	12/31/2012	11:30	5.87	89.36	0.01	0.00
NUN-MW1s	1/15/2013	10:31	6.66	88.57	0.18	0.01
NUN-MW1s	2/16/2013	17:16	6.83	88.40	-0.04	-0.00
NUN-MW1s	3/18/2013	14:55	6.50	88.73	-0.04	-0.00
NUN-MW1s	4/17/2013	12:24	6.76	88.47	-0.03	-0.00
NUN-MW1s	5/30/2013	15:30	7.23	88.00	-0.02	-0.00
NUN-MW1s	6/18/2013	12:37	6.43	88.80	-0.01	-0.00
NUN-MW1s	7/15/2013	13:21	6.28	88.95	0.00	0.00
NUN-MW1s	8/21/2013	15:35	6.15	89.08	-0.01	-0.00
NUN-MW1s	9/9/2013	9:57	5.97	89.26	-0.05	-0.00
NUN-MW1s	10/7/2013	12:42	7.27	87.96	0.00	0.00
NUN-MW1s	11/12/2013	9:21	6.71	88.52	-0.01	-0.00
NUN-MW1s	12/17/2013	12:20	6.89	88.34	0.02	0.00
NUN-MW1d	1/30/2012	14:30	7.50	87.46		
NUN-MW1d	2/9/2012	14:30	6.78	88.18		
NUN-MW1d	3/5/2012	9:51	6.49	88.47		
NUN-MW1d	4/9/2012	11:59	7.18	87.78		
NUN-MW1d	5/11/2012	13:01	7.35	87.61		
NUN-MW1d	6/20/2012	11:53	7.18	87.78		
NUN-MW1d	7/11/2012	13:47	7.72	87.24		
NUN-MW1d	8/17/2012	11:50	6.67	88.29		
NUN-MW1d	9/20/2012	10:03	7.04	87.92		
NUN-MW1d	10/19/2012	10:18	6.25	88.71		
NUN-MW1d	12/4/2012	13:07	6.85	88.11		
NUN-MW1d	12/31/2012	11:31	5.61	89.35		
NUN-MW1d	1/15/2013	10:31	6.57	88.39		
NUN-MW1d	2/16/2013	17:16	6.52	88.44		
NUN-MW1d	3/18/2013	14:55	6.19	88.77		
NUN-MW1d	4/17/2013	12:24	6.46	88.50		
NUN-MW1d	5/30/2013	15:30	6.94	88.02		
NUN-MW1d	6/18/2013	12:38	6.15	88.81		
NUN-MW1d	7/15/2013	13:21	6.01	88.95		
NUN-MW1d	8/21/2013	15:35	5.87	89.09		
NUN-MW1d	9/9/2013	9:57	5.65	89.31		
NUN-MW1d	10/7/2013	12:42	7.00	87.96		
NUN-MW1d	11/12/2013	9:21	6.43	88.53		
NUN-MW1d	12/17/2013	12:20	6.64	88.32		
NUN-MW2s	1/30/2012	14:40	8.02	89.06	0.03	0.00
NUN-MW2s	2/9/2012	13:21	8.00	89.08	0.00	0.00
NUN-MW2s	3/5/2012	9:54	7.62	89.46	-0.03	-0.00
NUN-MW2s	4/9/2012	12:05	8.12	88.96	-0.02	-0.00
NUN-MW2s	5/11/2012	13:26	7.97	89.11	-0.03	-0.00
NUN-MW2s	6/20/2012	12:05	7.98	89.10	0.02	0.00
NUN-MW2s	7/11/2012	13:58	8.26	88.82	0.07	0.00
NUN-MW2s	8/17/2012	11:56	7.58	89.50	-0.01	-0.00
NUN-MW2s	9/20/2012	10:05	7.92	89.16	0.05	0.00
NUN-MW2s	10/19/2012	10:15	7.58	89.50	-0.01	-0.00
NUN-MW2s	12/4/2012	13:09	7.20	89.88	0.23	0.01
NUN-MW2s	12/31/2012	11:25	6.94	90.14	-0.02	-0.00
NUN-MW2s	1/15/2013	10:29	7.69	89.39	-0.01	-0.00
NUN-MW2s	2/16/2013	17:25	7.80	89.28	-0.01	-0.00
NUN-MW2s	3/18/2013	14:50	7.16	89.92	-0.04	-0.00
NUN-MW2s	4/17/2013	12:38	5.92	91.16	-0.02	-0.00
NUN-MW2s	5/30/2013	15:37	8.09	88.99	-0.05	-0.00
NUN-MW2s	6/18/2013	12:44	7.54	89.54	0.01	0.00
NUN-MW2s	7/15/2013	13:27	7.37	89.71	0.04	0.00
NUN-MW2s	8/21/2013	15:39	6.45	90.63	0.02	0.00
NUN-MW2s	9/9/2013	9:53	5.42	91.66	0.02	0.00
NUN-MW2s	10/7/2013	12:39	8.13	88.95	0.00	0.00
NUN-MW2s	11/12/2013	9:33	7.50	89.58	0.00	0.00
NUN-MW2s	12/17/2013	12:12	7.93	89.15	-0.01	-0.00
NUN-MW2d	1/30/2012	14:40	7.86	89.03		
NUN-MW2d	2/9/2012	13:22	7.81	89.08		
NUN-MW2d	3/5/2012	9:55	7.40	89.49		
NUN-MW2d	4/9/2012	12:06	7.91	88.98		
NUN-MW2d	5/11/2012	13:27	7.75	89.14		
NUN-MW2d	6/20/2012	12:06	7.81	89.08		
NUN-MW2d	7/11/2012	13:57	8.14	88.75		
NUN-MW2d	8/17/2012	11:55	7.38	89.51		
NUN-MW2d	9/20/2012	10:05	7.78	89.11		
NUN-MW2d	10/19/2012	10:15	7.38	89.51		
NUN-MW2d	12/4/2012	13:09	7.24	89.65		
NUN-MW2d	12/31/2012	11:26	6.73	90.16		
NUN-MW2d	1/15/2013	10:29	7.49	89.40		
NUN-MW2d	2/16/2013	17:25	7.60	89.29		
NUN-MW2d	3/18/2013	14:50	6.93	89.96		
NUN-MW2d	4/17/2013	12:38	5.71	91.18		
NUN-MW2d	5/30/2013	15:37	7.85	89.04		
NUN-MW2d	6/18/2013	12:45	7.36	89.53		
NUN-MW2d	7/15/2013	13:27	7.22	89.67		
NUN-MW2d	8/21/2013	15:39	6.28	90.61		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
NUN-MW2d	9/9/2013	9:53	5.25	91.64		
NUN-MW2d	10/7/2013	12:39	7.94	88.95		
NUN-MW2d	11/12/2013	9:33	7.31	89.58		
NUN-MW2d	12/17/2013	12:12	7.73	89.16		
NUN-MW3s	1/30/2012	14:50	5.91	88.01	-0.01	-0.00
NUN-MW3s	2/9/2012	14:06	5.37	88.55	0.05	0.00
NUN-MW3s	3/5/2012	9:58	5.04	88.88	-0.02	-0.00
NUN-MW3s	4/9/2012	12:04	5.76	88.16	0.01	0.00
NUN-MW3s	5/11/2012	12:44	5.92	88.00	0.03	0.00
NUN-MW3s	6/20/2012	11:47	5.75	88.17	0.00	0.00
NUN-MW3s	7/11/2012	13:50	6.16	87.76	-0.03	-0.00
NUN-MW3s	8/17/2012	11:47	4.79	89.13	0.01	0.00
NUN-MW3s	9/20/2012	10:00	5.09	88.83	-0.03	-0.00
NUN-MW3s	10/19/2012	10:21	6.38	87.54	-0.12	-0.01
NUN-MW3s	12/4/2012	13:03	5.60	88.32	-0.01	-0.00
NUN-MW3s	12/31/2012	11:38	4.48	89.44	0.00	0.00
NUN-MW3s	1/15/2013	10:34	5.13	88.79	-0.03	-0.00
NUN-MW3s	2/16/2013	17:14	4.92	89.00	-0.01	-0.00
NUN-MW3s	3/18/2013	15:00	4.58	89.34	-0.02	-0.00
NUN-MW3s	4/17/2013	12:27	4.23	89.69	0.02	0.00
NUN-MW3s	5/30/2013	15:26	5.27	88.65	0.09	0.01
NUN-MW3s	6/18/2013	12:32	4.70	89.22	0.01	0.00
NUN-MW3s	7/15/2013	13:15	4.43	89.49	0.03	0.00
NUN-MW3s	8/21/2013	15:29	3.96	89.96	0.00	0.00
NUN-MW3s	9/9/2013	10:01	N/M			
NUN-MW3s	10/7/2013	12:49	5.54	88.38	-0.02	-0.00
NUN-MW3s	11/12/2013	9:26	4.76	89.16	0.00	0.00
NUN-MW3s	12/17/2013	12:24	4.93	88.99	0.01	0.00
NUN-MW3d	1/30/2012	14:50	5.84	88.02		
NUN-MW3d	2/9/2012	14:07	5.36	88.50		
NUN-MW3d	3/5/2012	10:00	4.96	88.90		
NUN-MW3d	4/9/2012	12:05	5.71	88.15		
NUN-MW3d	5/11/2012	12:45	5.89	87.97		
NUN-MW3d	6/20/2012	11:48	5.69	88.17		
NUN-MW3d	7/11/2012	13:50	6.07	87.79		
NUN-MW3d	8/17/2012	11:47	4.74	89.12		
NUN-MW3d	9/20/2012	10:00	5.00	88.86		
NUN-MW3d	10/19/2012	10:21	6.20	87.66		
NUN-MW3d	12/4/2012	13:03	5.53	88.33		
NUN-MW3d	12/31/2012	11:39	4.42	89.44		
NUN-MW3d	1/15/2013	10:34	5.04	88.82		
NUN-MW3d	2/16/2013	17:14	4.85	89.01		
NUN-MW3d	3/18/2013	15:00	4.50	89.36		
NUN-MW3d	4/17/2013	12:27	4.19	89.67		
NUN-MW3d	5/30/2013	15:26	5.30	88.56		
NUN-MW3d	6/18/2013	12:33	4.65	89.21		
NUN-MW3d	7/15/2013	13:15	4.40	89.46		
NUN-MW3d	8/21/2013	15:29	3.90	89.96		
NUN-MW3d	9/9/2013	10:01	N/M			
NUN-MW3d	10/7/2013	12:49	5.46	88.40		
NUN-MW3d	11/12/2013	9:26	4.70	89.16		
NUN-MW3d	12/17/2013	12:24	4.88	88.98		
NUN-MW4s	1/30/2012	15:00	7.04	88.57	0.01	0.00
NUN-MW4s	2/9/2012	13:49	7.12	88.49	-0.02	-0.00
NUN-MW4s	3/5/2012	10:03	6.56	89.05	-0.06	-0.00
NUN-MW4s	4/9/2012	11:52	7.20	88.41	-0.02	-0.00
NUN-MW4s	5/11/2012	12:30	7.12	88.49	0.00	0.00
NUN-MW4s	6/20/2012	11:42	6.90	88.71	-0.03	-0.00
NUN-MW4s	7/11/2012	13:54	7.34	88.27	-0.04	-0.00
NUN-MW4s	8/17/2012	11:42	5.60	90.01	0.04	0.00
NUN-MW4s	9/20/2012	9:56	5.91	89.70	-0.04	-0.00
NUN-MW4s	10/19/2012	10:26	6.77	88.84	-0.11	-0.01
NUN-MW4s	12/4/2012	13:00	6.94	88.67	0.00	0.00
NUN-MW4s	12/31/2012	11:42	5.94	89.67	0.03	0.00
NUN-MW4s	1/15/2013	10:37	6.72	88.89	0.02	0.00
NUN-MW4s	2/16/2013	17:11	6.59	89.02	-0.02	-0.00
NUN-MW4s	3/18/2013	15:03	6.03	89.58	-0.01	-0.00
NUN-MW4s	4/17/2013	12:31	5.75	89.86	0.03	0.00
NUN-MW4s	5/30/2013	15:21	6.51	89.10	0.31	0.02
NUN-MW4s	6/18/2013	13:28	6.32	89.29	-0.03	-0.00
NUN-MW4s	7/15/2013	13:10	6.10	89.51	-0.05	-0.00
NUN-MW4s	8/21/2013	15:25	5.67	89.94	-0.05	-0.00
NUN-MW4s	9/9/2013	10:05	N/M			
NUN-MW4s	10/7/2013	12:53	5.57	90.04	-0.01	-0.00
NUN-MW4s	11/12/2013	9:30	6.26	89.35	-0.01	-0.00
NUN-MW4s	12/17/2013	12:28	6.50	89.11	-0.04	-0.00
NUN-MW4d	1/30/2012	15:00	6.98	88.56		
NUN-MW4d	2/9/2012	13:50	7.03	88.51		
NUN-MW4d	3/5/2012	10:05	6.43	89.11		
NUN-MW4d	4/9/2012	11:53	7.11	88.43		
NUN-MW4d	5/11/2012	12:30	7.05	88.49		
NUN-MW4d	6/20/2012	11:43	6.80	88.74		
NUN-MW4d	7/11/2012	13:53	7.23	88.31		
NUN-MW4d	8/17/2012	11:42	5.57	89.97		
NUN-MW4d	9/20/2012	9:56	5.80	89.74		
NUN-MW4d	10/19/2012	10:26	6.59	88.95		
NUN-MW4d	12/4/2012	13:00	6.87	88.67		
NUN-MW4d	12/31/2012	11:43	5.90	89.64		
NUN-MW4d	1/15/2013	10:37	6.67	88.87		
NUN-MW4d	2/16/2013	17:11	6.50	89.04		
NUN-MW4d	3/18/2013	15:03	5.95	89.59		
NUN-MW4d	4/17/2013	12:31	5.71	89.83		
NUN-MW4d	5/30/2013	15:21	6.75	88.79		
NUN-MW4d	6/18/2013	12:30	6.22	89.32		
NUN-MW4d	7/15/2013	13:10	5.98	89.56		
NUN-MW4d	8/21/2013	15:25	5.55	89.99		
NUN-MW4d	9/9/2013	10:05	N/M			
NUN-MW4d	10/7/2013	12:53	5.49	90.05		
NUN-MW4d	11/12/2013	9:30	6.18	89.36		
NUN-MW4d	12/17/2013	12:28	6.39	89.15		
MOO-MW1	1/30/2012	9:06	13.15	60.81		
MOO-MW1	2/26/2012	13:42	13.15	60.81		
MOO-MW1	3/5/2012	14:47	13.28	60.68		
MOO-MW1	4/5/2012	15:03	14.03	59.93		
MOO-MW1	5/11/2012	11:16	14.70	59.26		
MOO-MW1	6/18/2012	10:32	14.79	59.17		
MOO-MW1	7/9/2012	10:56	14.09	59.87		
MOO-MW1	8/14/2012	12:28	13.18	60.78		
MOO-MW1	9/17/2012	11:51	13.13	60.83		
MOO-MW1	10/19/2012	11:45	14.35	59.61		
MOO-MW1	12/10/2012	9:48	14.85	59.11		
MOO-MW1	12/28/2012	11:04	14.87	59.09		
MOO-MW1	1/15/2013	15:02	15.27	58.69		
MOO-MW1	2/16/2013	15:46	15.73	58.23		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
MOO-MW1	3/19/2013	10:37	14.54	59.42		
MOO-MW1	4/16/2013	11:12	14.43	59.53		
MOO-MW1	5/29/2013	8:18	13.63	60.33		
MOO-MW1	6/18/2013	8:33	14.53	59.43		
MOO-MW1	7/15/2013	16:27	14.15	59.81		
MOO-MW1	8/22/2013	17:34	12.66	61.30		
MOO-MW1	9/9/2013	14:01	11.94	62.02		
MOO-MW1	10/7/2013	14:07	13.10	60.86		
MOO-MW1	11/13/2013	15:41	14.74	59.22		
MOO-MW1	12/17/2013	13:25	15.69	58.27		
MOO-MW2	1/30/2012	9:12	18.68	56.90		
MOO-MW2	2/26/2012	14:39	17.90	57.68		
MOO-MW2	3/5/2012	14:49	18.30	57.28		
MOO-MW2	4/5/2012	15:14	19.40	56.18		
MOO-MW2	5/11/2012	11:35	20.28	55.30		
MOO-MW2	6/18/2012	10:30	20.58	55.00		
MOO-MW2	7/9/2012	10:54	20.14	55.44		
MOO-MW2	8/14/2012	12:20	19.73	55.85		
MOO-MW2	9/17/2012	11:48	19.02	56.56		
MOO-MW2	10/19/2012	11:56	20.42	55.16		
MOO-MW2	12/10/2012	9:50	21.51	54.07		
MOO-MW2	12/28/2012	11:00	21.23	54.35		
MOO-MW2	1/15/2013	14:58	21.27	54.31		
MOO-MW2	2/16/2013	15:43	21.19	54.39		
MOO-MW2	3/19/2013	10:41	20.45	55.13		
MOO-MW2	4/16/2013	11:10	19.93	55.65		
MOO-MW2	5/29/2013	8:24	18.96	56.62		
MOO-MW2	6/18/2013	8:35	20.14	55.44		
MOO-MW2	7/15/2013	16:31	20.06	55.52		
MOO-MW2	8/22/2013	17:29	18.73	56.85		
MOO-MW2	9/9/2013	13:57	17.82	57.76		
MOO-MW2	10/7/2013	14:03	18.89	56.69		
MOO-MW2	11/13/2013	15:37	20.75	54.83		
MOO-MW2	12/17/2013	13:23	21.75	53.83		
MOO-MW3	1/30/2012	8:36	11.77	65.12		
MOO-MW3	2/26/2012	15:43	12.02	64.87		
MOO-MW3	3/5/2012	14:56	12.14	64.75		
MOO-MW3	4/5/2012	14:48	12.67	64.22		
MOO-MW3	5/11/2012	11:55	13.02	63.87		
MOO-MW3	6/18/2012	10:25	12.85	64.04		
MOO-MW3	7/9/2012	10:46	12.04	64.85		
MOO-MW3	8/14/2012	12:11	11.06	65.83		
MOO-MW3	9/17/2012	11:45	11.19	65.70		
MOO-MW3	10/19/2012	11:40	12.40	64.49		
MOO-MW3	12/10/2012	9:58	13.52	63.37		
MOO-MW3	12/28/2012	10:52	13.81	63.08		
MOO-MW3	1/15/2013	14:50	14.00	62.89		
MOO-MW3	2/16/2013	15:52	14.65	62.24		
MOO-MW3	3/19/2013	10:45	13.79	63.10		
MOO-MW3	4/16/2013	10:58	13.17	63.72		
MOO-MW3	5/29/2013	8:30	12.50	64.39		
MOO-MW3	6/18/2013	8:45	13.10	63.79		
MOO-MW3	7/15/2013	16:38	12.59	64.30		
MOO-MW3	8/22/2013	17:22	9.93	66.96		
MOO-MW3	9/9/2013	13:49	9.88	67.01		
MOO-MW3	10/7/2013	13:53	11.50	65.39		
MOO-MW3	11/13/2013	15:29	13.05	63.84		
MOO-MW3	12/17/2013	13:13	15.27	61.62		
MOO-MW4	1/30/2012	8:56	12.32	65.88		
MOO-MW4	2/26/2012	16:36	12.57	65.63		
MOO-MW4	3/5/2012	15:00	12.45	65.75		
MOO-MW4	4/5/2012	14:31	12.91	65.29		
MOO-MW4	5/11/2012	12:36	12.55	65.65		
MOO-MW4	6/18/2012	10:20	12.90	65.30		
MOO-MW4	7/9/2012	10:40	11.93	66.27		
MOO-MW4	8/14/2012	12:01	11.37	66.83		
MOO-MW4	9/17/2012	11:40	12.20	66.00		
MOO-MW4	10/19/2012	11:28	12.92	65.28		
MOO-MW4	12/10/2012	9:55	14.29	63.91		
MOO-MW4	12/28/2012	11:25	14.18	64.02		
MOO-MW4	1/15/2013	15:20	14.53	63.67		
MOO-MW4	2/16/2013	15:29	15.19	63.01		
MOO-MW4	3/19/2013	10:47	14.16	64.04		
MOO-MW4	4/16/2013	10:54	14.13	64.07		
MOO-MW4	5/29/2013	8:43	13.82	64.38		
MOO-MW4	6/18/2013	8:50	14.35	63.85		
MOO-MW4	7/15/2013	16:42	13.40	64.80		
MOO-MW4	8/22/2013	17:14	10.10	68.10		
MOO-MW4	9/9/2013	13:45	11.32	66.88		
MOO-MW4	10/7/2013	13:47	12.88	65.32		
MOO-MW4	11/13/2013	15:23	14.23	63.97		
MOO-MW4	12/17/2013	13:09	15.28	62.92		
MOO-MW5s	1/30/2012	8:45	12.11	64.93	1.53	0.07
MOO-MW5s	2/26/2012	14:06	11.96	65.08	1.59	0.08
MOO-MW5s	3/5/2012	14:53	12.53	64.51	1.66	0.08
MOO-MW5s	4/5/2012	14:56	13.10	63.94	1.63	0.08
MOO-MW5s	5/11/2012	12:19	13.48	63.56	0.03	0.00
MOO-MW5s	6/18/2012	10:24	13.36	63.68	2.02	0.10
MOO-MW5s	7/9/2012	10:44	12.95	64.09	3.66	0.18
MOO-MW5s	8/14/2012	12:14	12.10	64.94	4.39	0.21
MOO-MW5s	9/17/2012	11:43	11.60	65.44	3.91	0.19
MOO-MW5s	10/19/2012	11:33	12.70	64.34	3.25	0.16
MOO-MW5s	12/10/2012	10:00	14.03	63.01	2.36	0.12
MOO-MW5s	12/28/2012	10:55	14.30	62.74	2.13	0.10
MOO-MW5s	1/15/2013	14:54	14.46	62.58	1.98	0.10
MOO-MW5s	2/16/2013	15:54	15.01	62.03	1.90	0.09
MOO-MW5s	3/19/2013	10:30	14.44	62.60	2.57	0.13
MOO-MW5s	4/16/2013	11:05	13.79	63.25	2.56	0.12
MOO-MW5s	5/29/2013	8:36	13.02	64.02	3.75	0.18
MOO-MW5s	6/18/2013	8:40	13.53	63.51	3.48	0.17
MOO-MW5s	7/15/2013	16:34	13.12	63.92	4.54	0.22
MOO-MW5s	8/22/2013	17:25	11.35	65.69	5.21	0.25
MOO-MW5s	9/9/2013	13:53	10.60	66.44	7.90	0.39
MOO-MW5s	10/7/2013	13:57	11.81	65.23	4.82	0.24
MOO-MW5s	11/13/2013	15:33	13.30	63.74	4.18	0.20
MOO-MW5s	12/17/2013	13:16	14.55	62.49	3.76	0.18
MOO-MW5d	1/30/2012	8:48	13.63	63.40		
MOO-MW5d	2/26/2012	14:07	13.54	63.49		
MOO-MW5d	3/5/2012	14:52	14.18	62.85		
MOO-MW5d	4/5/2012	14:57	14.72	62.31		
MOO-MW5d	5/11/2012	12:20	13.50	63.53		
MOO-MW5d	6/18/2012	10:23	15.37	61.66		
MOO-MW5d	7/9/2012	10:43	16.60	60.43		
MOO-MW5d	8/14/2012	12:15	16.48	60.55		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
MOO-MW5d	9/17/2012	11:43	15.50	61.53		
MOO-MW5d	10/19/2012	11:33	15.94	61.09		
MOO-MW5d	12/10/2012	10:00	16.38	60.65		
MOO-MW5d	12/28/2012	10:56	16.42	60.61		
MOO-MW5d	1/15/2013	14:55	16.43	60.60		
MOO-MW5d	2/16/2013	15:55	16.90	60.13		
MOO-MW5d	3/19/2013	10:31	17.00	60.03		
MOO-MW5d	4/16/2013	11:05	16.34	60.69		
MOO-MW5d	5/29/2013	8:36	16.76	60.27		
MOO-MW5d	6/18/2013	8:42	17.00	60.03		
MOO-MW5d	7/15/2013	16:34	17.65	59.38		
MOO-MW5d	8/22/2013	17:25	16.55	60.48		
MOO-MW5d	9/9/2013	13:53	18.49	58.54		
MOO-MW5d	10/7/2013	13:57	16.62	60.41		
MOO-MW5d	11/13/2013	15:33	17.47	59.56		
MOO-MW5d	12/17/2013	13:16	18.30	58.73		
MOO-MW6s	1/30/2012	9:24	20.00	51.52	1.95	0.10
MOO-MW6s	2/9/2012	13:03	19.17	52.35	2.80	0.14
MOO-MW6s	3/5/2012	15:03	19.90	51.62	2.23	0.11
MOO-MW6s	4/5/2012	15:22	20.89	50.63	1.72	0.08
MOO-MW6s	5/11/2012	10:58	22.73	48.79	0.35	0.02
MOO-MW6s	6/18/2012	10:36	22.42	49.10	1.86	0.09
MOO-MW6s	7/9/2012	11:01	21.72	49.80	4.08	0.20
MOO-MW6s	8/14/2012	12:33	18.88	52.64	6.92	0.34
MOO-MW6s	9/17/2012	11:55	20.85	50.67	4.09	0.20
MOO-MW6s	10/19/2012	12:12	22.30	49.22	2.41	0.12
MOO-MW6s	12/10/2012	9:45	22.83	48.69	1.15	0.06
MOO-MW6s	12/28/2012	11:09	22.02	49.50	1.61	0.08
MOO-MW6s	1/15/2013	15:05	22.21	49.31	1.18	0.06
MOO-MW6s	2/16/2013	16:03	22.65	48.87	1.18	0.06
MOO-MW6s	3/19/2013	10:25	16.42	55.10	7.80	0.38
MOO-MW6s	4/16/2013	11:19	20.19	51.33	3.98	0.19
MOO-MW6s	5/29/2013	8:10	18.59	52.93	6.49	0.32
MOO-MW6s	6/18/2013	8:28	21.30	50.22	3.52	0.17
MOO-MW6s	7/15/2013	16:23	20.30	51.22	5.85	0.29
MOO-MW6s	8/22/2013	17:33	18.24	53.28	7.64	0.37
MOO-MW6s	9/9/2013	14:04	14.76	56.76	13.50	0.66
MOO-MW6s	10/7/2013	14:13	19.70	51.82	5.12	0.25
MOO-MW6s	11/13/2013	15:49	21.25	50.27	3.89	0.19
MOO-MW6s	12/17/2013	13:32	23.61	47.91	1.99	0.10
MOO-MW6d	1/30/2012	9:27	21.85	49.57		
MOO-MW6d	2/9/2012	13:04	21.87	49.55		
MOO-MW6d	3/5/2012	15:05	22.03	49.39		
MOO-MW6d	4/5/2012	15:23	22.51	48.91		
MOO-MW6d	5/11/2012	10:59	22.98	48.44		
MOO-MW6d	6/18/2012	10:35	24.18	47.24		
MOO-MW6d	7/9/2012	11:00	25.70	45.72		
MOO-MW6d	8/14/2012	12:34	25.70	45.72		
MOO-MW6d	9/17/2012	11:55	24.84	46.58		
MOO-MW6d	10/19/2012	12:12	24.61	46.81		
MOO-MW6d	12/10/2012	9:45	23.88	47.54		
MOO-MW6d	12/28/2012	11:10	23.53	47.89		
MOO-MW6d	1/15/2013	15:06	23.29	48.13		
MOO-MW6d	2/16/2013	16:04	23.73	47.69		
MOO-MW6d	3/19/2013	10:25	24.12	47.30		
MOO-MW6d	4/16/2013	11:19	24.07	47.35		
MOO-MW6d	5/29/2013	8:10	24.98	46.44		
MOO-MW6d	6/18/2013	8:30	24.72	46.70		
MOO-MW6d	7/15/2013	16:23	26.05	45.37		
MOO-MW6d	8/22/2013	17:38	25.78	45.64		
MOO-MW6d	9/9/2013	14:04	28.16	43.26		
MOO-MW6d	10/7/2013	14:13	24.72	46.70		
MOO-MW6d	11/13/2013	15:49	25.04	46.38		
MOO-MW6d	12/17/2013	13:32	25.50	45.92		
MOO-MW7s	1/30/2012	9:33	17.79	51.46	0.06	0.00
MOO-MW7s	2/9/2012	12:46	18.06	51.19	0.06	0.00
MOO-MW7s	3/5/2012	15:10	18.73	50.52	-0.01	-0.00
MOO-MW7s	4/5/2012	15:35	19.18	50.07	0.07	0.00
MOO-MW7s	5/11/2012	10:42	19.52	49.73	0.05	0.00
MOO-MW7s	6/18/2012	10:39	19.78	49.47	0.04	0.00
MOO-MW7s	7/9/2012	11:06	19.96	49.29	0.06	0.00
MOO-MW7s	8/14/2012	12:42	19.85	49.40	0.05	0.00
MOO-MW7s	9/17/2012	11:59	19.55	49.70	0.06	0.00
MOO-MW7s	10/19/2012	12:05	20.17	49.08	0.09	0.01
MOO-MW7s	12/10/2012	9:42	20.92	48.33	0.05	0.00
MOO-MW7s	12/28/2012	11:13	21.11	48.14	0.04	0.00
MOO-MW7s	1/15/2013	15:10	20.88	48.37	0.03	0.00
MOO-MW7s	2/16/2013	16:08	20.83	48.42	0.06	0.00
MOO-MW7s	3/19/2013	10:22	20.63	48.62	0.01	0.00
MOO-MW7s	4/16/2013	11:22	18.68	50.57	0.03	0.00
MOO-MW7s	5/29/2013	8:03	17.84	51.41	0.05	0.00
MOO-MW7s	6/18/2013	8:24	18.07	51.18	0.06	0.00
MOO-MW7s	7/15/2013	16:20	18.50	50.75	0.05	0.00
MOO-MW7s	8/22/2013	17:43	17.44	51.81	0.04	0.00
MOO-MW7s	9/9/2013	14:08	15.88	53.37	0.04	0.00
MOO-MW7s	10/7/2013	14:16	16.65	52.60	0.07	0.00
MOO-MW7s	11/13/2013	15:55	18.61	50.64	0.10	0.01
MOO-MW7s	12/17/2013	13:36	19.95	49.30	0.07	0.00
MOO-MW7d	1/30/2012	9:37	17.76	51.40		
MOO-MW7d	2/9/2012	12:57	18.03	51.13		
MOO-MW7d	3/5/2012	15:11	18.63	50.53		
MOO-MW7d	4/5/2012	15:36	19.16	50.00		
MOO-MW7d	5/11/2012	10:43	19.48	49.68		
MOO-MW7d	6/18/2012	10:38	19.73	49.43		
MOO-MW7d	7/9/2012	11:05	19.93	49.23		
MOO-MW7d	8/14/2012	12:43	19.81	49.35		
MOO-MW7d	9/17/2012	11:58	19.52	49.64		
MOO-MW7d	10/19/2012	12:05	20.17	48.99		
MOO-MW7d	12/10/2012	9:42	20.88	48.28		
MOO-MW7d	12/28/2012	11:14	21.06	48.10		
MOO-MW7d	1/15/2013	15:11	20.82	48.34		
MOO-MW7d	2/16/2013	16:09	20.80	48.36		
MOO-MW7d	3/19/2013	10:22	20.55	48.61		
MOO-MW7d	4/16/2013	11:22	18.62	50.54		
MOO-MW7d	5/29/2013	8:03	17.80	51.36		
MOO-MW7d	6/18/2013	8:25	18.04	51.12		
MOO-MW7d	7/15/2013	16:20	18.46	50.70		
MOO-MW7d	8/22/2013	17:43	17.39	51.77		
MOO-MW7d	9/9/2013	14:08	15.83	53.33		
MOO-MW7d	10/7/2013	14:16	16.63	52.53		
MOO-MW7d	11/13/2013	15:55	18.62	50.54		
MOO-MW7d	12/17/2013	13:36	19.93	49.23		
MOO-MW8s	1/30/2012	9:44	18.54	50.66	-0.18	-0.01
MOO-MW8s	2/9/2012	12:24	18.75	50.45	-0.16	-0.01

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
MOO-MW8s	3/5/2012	15:15	18.99	50.21	-0.11	-0.01
MOO-MW8s	4/5/2012	15:39	19.32	49.88	-0.11	-0.01
MOO-MW8s	5/11/2012	10:29	20.00	49.20	-0.09	-0.01
MOO-MW8s	6/18/2012	10:42	20.26	48.94	-0.08	-0.01
MOO-MW8s	7/9/2012	11:09	20.18	49.02	-0.07	-0.00
MOO-MW8s	8/14/2012	12:45	19.49	49.71	-0.06	-0.00
MOO-MW8s	9/17/2012	12:01	19.57	49.63	-0.10	-0.01
MOO-MW8s	10/19/2012	12:00	20.55	48.65	-0.09	-0.01
MOO-MW8s	12/10/2012	9:39	20.83	48.37	-0.04	-0.00
MOO-MW8s	12/28/2012	11:17	21.05	48.15	-0.04	-0.00
MOO-MW8s	1/15/2013	15:13	20.94	48.26	-0.03	-0.00
MOO-MW8s	2/16/2013	16:11	20.98	48.22	-0.07	-0.00
MOO-MW8s	3/19/2013	10:18	20.22	48.98	-0.06	-0.00
MOO-MW8s	4/16/2013	11:25	17.00	52.20	-0.11	-0.01
MOO-MW8s	5/29/2013	7:56	17.09	52.11	-0.11	-0.01
MOO-MW8s	6/18/2013	8:20	17.73	51.47	-0.21	-0.01
MOO-MW8s	7/15/2013	16:15	18.70	50.50	-0.16	-0.01
MOO-MW8s	8/22/2013	17:47	17.92	51.28	-0.19	-0.01
MOO-MW8s	9/9/2013	14:12	17.63	51.57	-0.20	-0.01
MOO-MW8s	10/7/2013	14:19	17.80	51.40	-0.17	-0.01
MOO-MW8s	11/13/2013	15:59	19.03	50.17	-0.08	-0.01
MOO-MW8s	12/17/2013	13:39	20.18	49.02	-0.10	-0.01
MOO-MW8d	1/30/2012	9:46	18.28	50.84		
MOO-MW8d	2/9/2012	12:25	18.51	50.61		
MOO-MW8d	3/5/2012	15:16	18.80	50.32		
MOO-MW8d	4/5/2012	15:40	19.13	49.99		
MOO-MW8d	5/11/2012	10:30	19.83	49.29		
MOO-MW8d	6/18/2012	10:41	20.10	49.02		
MOO-MW8d	7/9/2012	11:08	20.03	49.09		
MOO-MW8d	8/14/2012	12:46	19.35	49.77		
MOO-MW8d	9/17/2012	12:01	19.39	49.73		
MOO-MW8d	10/19/2012	12:00	20.38	48.74		
MOO-MW8d	12/10/2012	9:39	20.71	48.41		
MOO-MW8d	12/28/2012	11:18	20.93	48.19		
MOO-MW8d	1/15/2013	15:14	20.83	48.29		
MOO-MW8d	2/16/2013	16:12	20.83	48.29		
MOO-MW8d	3/19/2013	10:18	20.08	49.04		
MOO-MW8d	4/16/2013	11:25	16.81	52.31		
MOO-MW8d	5/29/2013	7:56	16.90	52.22		
MOO-MW8d	6/18/2013	8:22	17.44	51.68		
MOO-MW8d	7/15/2013	16:15	18.46	50.66		
MOO-MW8d	8/22/2013	17:47	17.65	51.47		
MOO-MW8d	9/9/2013	14:12	17.35	51.77		
MOO-MW8d	10/7/2013	14:19	17.55	51.57		
MOO-MW8d	11/13/2013	15:59	18.87	50.25		
MOO-MW8d	12/17/2013	13:39	20.00	49.12		
TON-MW1s	1/30/2012	16:33	7.53	97.24	-0.21	-0.01
TON-MW1s	2/10/2012	12:42	7.58	97.19	0.00	0.00
TON-MW1s	3/5/2012	12:05	6.53	98.24	0.00	0.00
TON-MW1s	4/9/2012	10:24	7.04	97.73	0.01	0.00
TON-MW1s	5/10/2012	15:52	7.84	96.93	0.02	0.00
TON-MW1s	6/20/2012	10:26	9.56	95.21	0.00	0.00
TON-MW1s	7/9/2012	12:44	11.43	93.34	0.03	0.00
TON-MW1s	8/16/2012	10:11	11.24	93.53	0.00	0.00
TON-MW1s	9/20/2012	11:14	12.13	92.64	0.01	0.00
TON-MW1s	10/19/2012	12:22	7.77	97.00	-0.04	-0.00
TON-MW1s	12/6/2012	14:11	9.10	95.67	0.03	0.00
TON-MW1s	12/31/2012	9:59	7.95	96.82	-0.01	-0.00
TON-MW1s	1/15/2013	11:25	7.53	97.24	0.08	0.01
TON-MW1s	2/18/2013	17:10	7.33	97.44	-0.02	-0.00
TON-MW1s	3/22/2013	13:22	7.55	97.22	0.02	0.00
TON-MW1s	4/17/2013	14:36	8.33	96.44	0.00	0.00
TON-MW1s	5/29/2013	11:50	8.12	96.65	0.00	0.00
TON-MW1s	6/18/2013	11:25	9.61	95.16	0.02	0.00
TON-MW1s	7/15/2013	14:57	12.73	92.04	0.01	0.00
TON-MW1s	8/22/2013	12:07	10.86	93.91	0.00	0.00
TON-MW1s	9/9/2013	10:51	12.72	92.05	0.00	0.00
TON-MW1s	10/7/2013	13:46	11.75	93.02	0.00	0.00
TON-MW1s	11/13/2013	9:18	10.63	94.14	-0.01	-0.00
TON-MW1s	12/17/2013	14:19	11.53	93.24	-0.03	-0.00
TON-MW1d	1/30/2012	16:34	7.19	97.45		
TON-MW1d	2/10/2012	12:43	7.45	97.19		
TON-MW1d	3/5/2012	12:04	6.40	98.24		
TON-MW1d	4/9/2012	10:25	6.92	97.72		
TON-MW1d	5/10/2012	15:53	7.73	96.91		
TON-MW1d	6/20/2012	10:27	9.43	95.21		
TON-MW1d	7/9/2012	12:43	11.33	93.31		
TON-MW1d	8/16/2012	10:12	11.11	93.53		
TON-MW1d	9/20/2012	11:14	12.01	92.63		
TON-MW1d	10/19/2012	12:22	7.60	97.04		
TON-MW1d	12/6/2012	14:11	9.00	95.64		
TON-MW1d	12/31/2012	10:00	7.81	96.83		
TON-MW1d	1/15/2013	11:25	7.48	97.16		
TON-MW1d	2/18/2013	17:10	7.18	97.46		
TON-MW1d	3/22/2013	13:22	7.44	97.20		
TON-MW1d	4/17/2013	14:36	8.20	96.44		
TON-MW1d	5/29/2013	11:50	7.99	96.65		
TON-MW1d	6/18/2013	11:27	9.50	95.14		
TON-MW1d	7/15/2013	14:57	12.61	92.03		
TON-MW1d	8/22/2013	12:07	10.73	93.91		
TON-MW1d	9/9/2013	10:51	12.59	92.05		
TON-MW1d	10/7/2013	13:46	11.62	93.02		
TON-MW1d	11/13/2013	9:18	10.49	94.15		
TON-MW1d	12/17/2013	14:19	11.37	93.27		
TON-MW2s	1/30/2012	16:37	6.73	94.82	-0.01	-0.00
TON-MW2s	2/10/2012	12:24	5.64	95.91	-0.02	-0.00
TON-MW2s	3/5/2012	12:02	5.56	95.99	-0.03	-0.00
TON-MW2s	4/9/2012	10:52	6.68	94.87	0.03	0.00
TON-MW2s	5/10/2012	17:26	6.56	94.99	0.01	0.00
TON-MW2s	6/20/2012	10:49	7.32	94.23	0.01	0.00
TON-MW2s	7/9/2012	12:47	6.85	94.70	0.02	0.00
TON-MW2s	8/16/2012	9:40	4.66	96.89	0.01	0.00
TON-MW2s	9/20/2012	11:11	5.03	96.52	0.03	0.00
TON-MW2s	10/19/2012	12:20	6.98	94.57	-0.02	-0.00
TON-MW2s	12/6/2012	14:13	7.57	93.98	-0.02	-0.00
TON-MW2s	12/31/2012	10:06	6.87	94.68	-0.01	-0.00
TON-MW2s	1/15/2013	11:41	6.56	94.99	0.02	0.00
TON-MW2s	2/18/2013	16:57	5.90	95.65	-0.03	-0.00
TON-MW2s	3/22/2013	13:10	5.90	95.65	0.00	0.00
TON-MW2s	4/17/2013	14:40	6.27	95.28	0.01	0.00
TON-MW2s	5/29/2013	11:24	7.34	94.21	-0.02	-0.00
TON-MW2s	6/18/2013	11:21	6.70	94.85	-0.01	-0.00
TON-MW2s	7/15/2013	15:01	7.37	94.18	-0.02	-0.00
TON-MW2s	8/22/2013	12:18	8.09	93.46	0.01	0.00

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
TON-MW2s	9/9/2013	11:10	7.00	94.55	-0.02	-0.00
TON-MW2s	10/7/2013	14:00	7.78	93.77	0.02	0.00
TON-MW2s	11/13/2013	9:14	9.00	92.55	0.00	0.00
TON-MW2s	12/17/2013	14:35	8.15	93.40	0.05	0.00
TON-MW2d	1/30/2012	16:40	6.55	94.83		
TON-MW2d	2/10/2012	12:25	5.45	95.93		
TON-MW2d	3/5/2012	12:01	5.36	96.02		
TON-MW2d	4/9/2012	10:53	6.54	94.84		
TON-MW2d	5/10/2012	17:27	6.40	94.98		
TON-MW2d	6/20/2012	10:50	7.16	94.22		
TON-MW2d	7/9/2012	12:47	6.70	94.68		
TON-MW2d	8/16/2012	9:40	4.50	96.88		
TON-MW2d	9/20/2012	11:11	4.89	96.49		
TON-MW2d	10/19/2012	12:20	6.79	94.59		
TON-MW2d	12/6/2012	14:13	7.38	94.00		
TON-MW2d	12/31/2012	10:07	6.69	94.69		
TON-MW2d	1/15/2013	11:41	6.41	94.97		
TON-MW2d	2/18/2013	16:57	5.70	95.68		
TON-MW2d	3/22/2013	13:10	5.73	95.65		
TON-MW2d	4/17/2013	14:40	6.11	95.27		
TON-MW2d	5/29/2013	11:24	7.15	94.23		
TON-MW2d	6/18/2013	11:23	6.52	94.86		
TON-MW2d	7/15/2013	15:01	7.18	94.20		
TON-MW2d	8/22/2013	12:18	7.93	93.45		
TON-MW2d	9/9/2013	11:10	6.81	94.57		
TON-MW2d	10/7/2013	14:00	7.63	93.75		
TON-MW2d	11/13/2013	9:14	8.83	92.55		
TON-MW2d	12/17/2013	14:35	8.03	93.35		
TON-MW3s	1/30/2012	16:44	9.83	100.45	0.02	0.00
TON-MW3s	2/10/2012	13:41	8.13	102.15	-0.02	-0.00
TON-MW3s	3/5/2012	11:58	9.58	100.70	0.02	0.00
TON-MW3s	4/9/2012	10:38	9.44	100.84	0.01	0.00
TON-MW3s	5/10/2012	16:35	10.77	99.51	0.02	0.00
TON-MW3s	6/20/2012	10:38	12.63	97.65	0.02	0.00
TON-MW3s	7/9/2012	12:56	13.60	96.68	0.02	0.00
TON-MW3s	8/16/2012	10:18	15.75	94.53	0.00	0.00
TON-MW3s	9/20/2012	11:07	16.01	94.27	0.03	0.00
TON-MW3s	10/19/2012	12:14	13.11	97.17	0.02	0.00
TON-MW3s	12/6/2012	14:05	11.32	98.96	0.00	0.00
TON-MW3s	12/31/2012	9:48	9.17	101.11	0.01	0.00
TON-MW3s	1/15/2013	11:30	8.97	101.31	0.02	0.00
TON-MW3s	2/18/2013	17:02	8.10	102.18	-0.01	-0.00
TON-MW3s	3/22/2013	13:18	11.75	98.53	0.03	0.00
TON-MW3s	4/17/2013	14:47	10.75	99.53	0.01	0.00
TON-MW3s	5/29/2013	11:39	14.38	95.90	0.00	0.00
TON-MW3s	6/18/2013	11:37	16.78	93.50	0.01	0.00
TON-MW3s	7/15/2013	14:45	16.69	93.59	0.02	0.00
TON-MW3s	8/22/2013	12:14	15.77	94.51	0.04	0.00
TON-MW3s	9/9/2013	11:04	15.45	94.83	0.00	0.00
TON-MW3s	10/7/2013	13:53	13.66	96.62	-0.01	-0.00
TON-MW3s	11/13/2013	9:27	15.78	94.50	0.00	0.00
TON-MW3s	12/17/2013	14:30	12.83	97.45	0.02	0.00
TON-MW3d	1/30/2012	16:45	9.75	100.43		
TON-MW3d	2/10/2012	13:42	8.01	102.17		
TON-MW3d	3/5/2012	11:57	9.50	100.68		
TON-MW3d	4/9/2012	10:39	9.35	100.83		
TON-MW3d	5/10/2012	16:35	10.69	99.49		
TON-MW3d	6/20/2012	10:39	12.55	97.63		
TON-MW3d	7/9/2012	12:56	13.52	96.66		
TON-MW3d	8/16/2012	10:19	15.65	94.53		
TON-MW3d	9/20/2012	11:07	15.94	94.24		
TON-MW3d	10/19/2012	12:14	13.03	97.15		
TON-MW3d	12/6/2012	14:05	11.22	98.96		
TON-MW3d	12/31/2012	9:49	9.08	101.10		
TON-MW3d	1/15/2013	11:30	8.89	101.29		
TON-MW3d	2/18/2013	17:02	7.99	102.19		
TON-MW3d	3/22/2013	13:18	11.68	98.50		
TON-MW3d	4/17/2013	14:47	10.66	99.52		
TON-MW3d	5/29/2013	11:39	14.28	95.90		
TON-MW3d	6/18/2013	11:38	16.69	93.49		
TON-MW3d	7/15/2013	14:45	16.61	93.57		
TON-MW3d	8/22/2013	12:14	15.71	94.47		
TON-MW3d	9/9/2013	11:04	15.35	94.83		
TON-MW3d	10/7/2013	13:53	13.55	96.63		
TON-MW3d	11/13/2013	9:27	15.68	94.50		
TON-MW3d	12/17/2013	14:30	12.75	97.43		
TON-MW4s	1/30/2012	16:47	8.98	98.56	-0.01	-0.00
TON-MW4s	2/10/2012	13:02	9.26	98.28	-0.05	-0.00
TON-MW4s	3/5/2012	11:49	8.82	98.72	-0.01	-0.00
TON-MW4s	4/9/2012	10:29	8.88	98.66	0.01	0.00
TON-MW4s	5/10/2012	16:13	9.75	97.79	-0.01	-0.00
TON-MW4s	6/20/2012	10:31	15.03	92.51	-0.02	-0.00
TON-MW4s	7/9/2012	12:40	16.28	91.26	0.01	0.00
TON-MW4s	8/16/2012	10:14	17.92	89.62	-0.01	-0.00
TON-MW4s	9/20/2012	10:58	18.11	89.43	0.18	0.01
TON-MW4s	10/19/2012	12:10	14.51	93.03	0.00	0.00
TON-MW4s	12/6/2012	14:00	12.81	94.73	-0.05	-0.00
TON-MW4s	12/31/2012	9:55	9.95	97.59	-0.01	-0.00
TON-MW4s	1/15/2013	11:22	9.03	98.51	0.03	0.00
TON-MW4s	2/18/2013	17:07	8.52	99.02	0.00	0.00
TON-MW4s	3/22/2013	13:25	10.72	96.82	0.02	0.00
TON-MW4s	4/17/2013	14:32	10.78	96.76	-0.03	-0.00
TON-MW4s	5/29/2013	11:45	13.45	94.09	0.02	0.00
TON-MW4s	6/18/2013	11:29	17.70	89.84	-0.03	-0.00
TON-MW4s	7/15/2013	14:54	18.90	88.64	0.01	0.00
TON-MW4s	8/22/2013	12:04	18.18	89.36	-0.01	-0.00
TON-MW4s	9/9/2013	10:47	17.10	90.44	-0.09	-0.00
TON-MW4s	10/7/2013	13:44	15.02	92.52	-0.01	-0.00
TON-MW4s	11/13/2013	9:33	17.25	90.29	-0.01	-0.00
TON-MW4s	12/17/2013	14:15	14.28	93.26	0.01	0.00
TON-MW4d	1/30/2012	16:50	8.68	98.57		
TON-MW4d	2/10/2012	13:03	8.92	98.33		
TON-MW4d	3/5/2012	11:48	8.52	98.73		
TON-MW4d	4/9/2012	10:30	8.60	98.65		
TON-MW4d	5/10/2012	16:14	9.45	97.80		
TON-MW4d	6/20/2012	10:32	14.72	92.53		
TON-MW4d	7/9/2012	12:39	16.00	91.25		
TON-MW4d	8/16/2012	10:15	17.62	89.63		
TON-MW4d	9/20/2012	10:58	18.00	89.25		
TON-MW4d	10/19/2012	12:10	14.22	93.03		
TON-MW4d	12/6/2012	14:00	12.47	94.78		
TON-MW4d	12/31/2012	9:56	9.65	97.60		
TON-MW4d	1/15/2013	11:22	8.77	98.48		
TON-MW4d	2/18/2013	17:07	8.23	99.02		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
TON-MW4d	3/22/2013	13:25	10.45	96.80		
TON-MW4d	4/17/2013	14:32	10.46	96.79		
TON-MW4d	5/29/2013	11:45	13.18	94.07		
TON-MW4d	6/18/2013	11:30	17.38	89.87		
TON-MW4d	7/15/2013	14:54	18.62	88.63		
TON-MW4d	8/22/2013	12:04	17.88	89.37		
TON-MW4d	9/9/2013	10:47	16.72	90.53		
TON-MW4d	10/7/2013	13:44	14.72	92.53		
TON-MW4d	11/13/2013	9:33	16.95	90.30		
TON-MW4d	12/17/2013	14:15	14.00	93.25		
TON-MW5s	1/30/2012	16:52	8.65	99.21	-0.09	-0.00
TON-MW5s	2/10/2012	13:20	8.67	99.19	0.00	0.00
TON-MW5s	3/5/2012	11:54	7.98	99.88	-0.02	-0.00
TON-MW5s	4/9/2012	10:45	8.37	99.49	-0.04	-0.00
TON-MW5s	5/10/2012	16:52	9.60	98.26	-0.02	-0.00
TON-MW5s	6/20/2012	10:42	13.33	94.53	0.02	0.00
TON-MW5s	7/9/2012	12:53	13.20	94.66	-0.01	-0.00
TON-MW5s	8/16/2012	10:23	12.96	94.90	0.00	0.00
TON-MW5s	9/20/2012	11:01	13.13	94.73	-0.01	-0.00
TON-MW5s	10/19/2012	12:12	11.45	96.41	0.01	0.00
TON-MW5s	12/6/2012	14:09	11.43	96.43	0.00	0.00
TON-MW5s	12/31/2012	9:52	9.47	98.39	-0.01	-0.00
TON-MW5s	1/15/2013	11:33	8.83	99.03	-0.01	-0.00
TON-MW5s	2/18/2013	16:59	8.46	99.40	0.00	0.00
TON-MW5s	3/22/2013	13:14	9.54	98.32	-0.02	-0.00
TON-MW5s	4/17/2013	14:43	9.68	98.18	-0.03	-0.00
TON-MW5s	5/29/2013	11:33	13.70	94.16	0.01	0.00
TON-MW5s	6/18/2013	11:33	15.50	92.36	-0.02	-0.00
TON-MW5s	7/15/2013	14:49	15.11	92.75	0.04	0.00
TON-MW5s	8/22/2013	12:11	15.94	91.92	-0.03	-0.00
TON-MW5s	9/9/2013	10:55	14.30	93.56	0.03	0.00
TON-MW5s	10/7/2013	13:48	12.56	95.30	0.00	0.00
TON-MW5s	11/13/2013	9:22	15.66	92.20	0.00	0.00
TON-MW5s	12/17/2013	14:25	12.85	95.01	0.01	0.00
TON-MW5d	1/30/2012	16:55	8.48	99.30		
TON-MW5d	2/10/2012	13:21	8.59	99.19		
TON-MW5d	3/5/2012	11:53	7.88	99.90		
TON-MW5d	4/9/2012	10:46	8.25	99.53		
TON-MW5d	5/10/2012	16:55	9.50	98.28		
TON-MW5d	6/20/2012	10:43	13.27	94.51		
TON-MW5d	7/9/2012	12:52	13.11	94.67		
TON-MW5d	8/16/2012	10:24	12.88	94.90		
TON-MW5d	9/20/2012	11:01	13.04	94.74		
TON-MW5d	10/19/2012	12:12	11.38	96.40		
TON-MW5d	12/6/2012	14:09	11.35	96.43		
TON-MW5d	12/31/2012	9:53	9.38	98.40		
TON-MW5d	1/15/2013	11:33	8.74	99.04		
TON-MW5d	2/18/2013	16:59	8.38	99.40		
TON-MW5d	3/22/2013	13:14	9.44	98.34		
TON-MW5d	4/17/2013	14:43	9.57	98.21		
TON-MW5d	5/29/2013	11:33	13.63	94.15		
TON-MW5d	6/18/2013	11:34	15.40	92.38		
TON-MW5d	7/15/2013	14:49	15.07	92.71		
TON-MW5d	8/22/2013	12:11	15.83	91.95		
TON-MW5d	9/9/2013	10:55	14.25	93.53		
TON-MW5d	10/7/2013	13:48	12.48	95.30		
TON-MW5d	11/13/2013	9:22	15.58	92.20		
TON-MW5d	12/17/2013	14:25	12.78	95.00		
TON-MW6s	1/30/2012	16:55	9.00	89.66	-0.21	-0.01
TON-MW6s	2/10/2012	11:00	8.33	90.33	0.06	0.00
TON-MW6s	3/5/2012	12:09	9.80	88.86	-0.25	-0.01
TON-MW6s	4/9/2012	10:15	9.97	88.69	-0.28	-0.01
TON-MW6s	5/10/2012	17:46	8.99	89.67	-0.17	-0.01
TON-MW6s	6/20/2012	10:18	8.23	90.43	0.15	0.01
TON-MW6s	7/9/2012	13:02	7.42	91.24	0.62	0.03
TON-MW6s	8/16/2012	9:49	8.70	89.96	0.29	0.01
TON-MW6s	9/20/2012	11:19	8.98	89.68	0.26	0.01
TON-MW6s	10/19/2012	12:29	10.58	88.08	-0.06	-0.00
TON-MW6s	12/6/2012	14:20	10.96	87.70	-0.19	-0.01
TON-MW6s	12/31/2012	10:10	10.58	88.08	-0.23	-0.01
TON-MW6s	1/15/2013	11:47	10.55	88.11	-0.23	-0.01
TON-MW6s	2/18/2013	16:52	10.65	88.01	-0.28	-0.01
TON-MW6s	3/22/2013	13:07	9.75	88.91	-0.26	-0.01
TON-MW6s	4/17/2013	14:12	8.21	90.45	0.15	0.01
TON-MW6s	5/29/2013	11:18	10.32	88.34	-0.02	-0.00
TON-MW6s	6/18/2013	11:18	10.10	88.56	0.24	0.01
TON-MW6s	7/15/2013	15:06	10.69	87.97	0.22	0.01
TON-MW6s	8/22/2013	12:24	8.94	89.72	0.21	0.01
TON-MW6s	9/9/2013	11:15	10.87	87.79	0.22	0.01
TON-MW6s	10/7/2013	14:05	10.00	88.66	0.11	0.01
TON-MW6s	11/13/2013	9:11	9.80	88.86	0.49	0.02
TON-MW6s	12/17/2013	14:41	11.39	87.27	-0.17	-0.01
TON-MW6d	1/30/2012	17:03	8.50	89.87		
TON-MW6d	2/10/2012	11:01	8.10	90.27		
TON-MW6d	3/5/2012	12:08	9.26	89.11		
TON-MW6d	4/9/2012	10:16	9.40	88.97		
TON-MW6d	5/10/2012	17:47	8.53	89.84		
TON-MW6d	6/20/2012	10:19	8.09	90.28		
TON-MW6d	7/9/2012	13:02	7.75	90.62		
TON-MW6d	8/16/2012	9:50	8.70	89.67		
TON-MW6d	9/20/2012	11:19	8.95	89.42		
TON-MW6d	10/19/2012	12:29	10.23	88.14		
TON-MW6d	12/6/2012	14:20	10.48	87.89		
TON-MW6d	12/31/2012	10:11	10.06	88.31		
TON-MW6d	1/15/2013	11:47	10.03	88.34		
TON-MW6d	2/18/2013	16:52	10.08	88.29		
TON-MW6d	3/22/2013	13:07	9.20	89.17		
TON-MW6d	4/17/2013	14:12	8.07	90.30		
TON-MW6d	5/29/2013	11:18	10.01	88.36		
TON-MW6d	6/18/2013	11:19	10.05	88.32		
TON-MW6d	7/15/2013	15:06	10.62	87.75		
TON-MW6d	8/22/2013	12:24	8.86	89.51		
TON-MW6d	9/9/2013	11:15	10.80	87.57		
TON-MW6d	10/7/2013	14:05	9.82	88.55		
TON-MW6d	11/13/2013	9:11	10.00	88.37		
TON-MW6d	12/17/2013	14:41	10.93	87.44		
TON-MW7s	1/30/2012	17:05	7.65	92.96	0.00	0.00
TON-MW7s	2/10/2012	11:57	8.42	92.19	0.02	0.00
TON-MW7s	3/5/2012	12:21	8.62	91.99	0.00	0.00
TON-MW7s	4/9/2012	10:00	8.85	91.76	0.02	0.00
TON-MW7s	5/10/2012	17:25	6.14	94.47	-0.01	-0.00
TON-MW7s	6/20/2012	10:09	6.51	94.10	0.02	0.00
TON-MW7s	7/9/2012	13:12	8.47	92.14	-0.10	-0.00
TON-MW7s	8/16/2012	9:59	7.07	93.54	0.00	0.00

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
TON-MW7s	9/20/2012	11:26	7.66	92.95	0.01	0.00
TON-MW7s	10/19/2012	12:34	7.15	93.46	0.00	0.00
TON-MW7s	12/6/2012	14:14	9.07	91.54	0.00	0.00
TON-MW7s	12/31/2012	10:16	8.81	91.80	0.00	0.00
TON-MW7s	1/15/2013	12:00	8.97	91.64	0.02	0.00
TON-MW7s	2/18/2013	16:47	9.42	91.19	0.00	0.00
TON-MW7s	3/22/2013	13:00	8.81	91.80	0.04	0.00
TON-MW7s	4/17/2013	14:19	7.23	93.38	0.01	0.00
TON-MW7s	5/29/2013	11:04	9.50	91.11	0.00	0.00
TON-MW7s	6/18/2013	11:11	9.11	91.50	0.01	0.00
TON-MW7s	7/15/2013	15:16	9.02	91.59	0.02	0.00
TON-MW7s	8/22/2013	12:33	9.18	91.43	0.01	0.00
TON-MW7s	9/9/2013	11:26	8.83	91.78	0.00	0.00
TON-MW7s	10/7/2013	14:13	7.71	92.90	-0.06	-0.00
TON-MW7s	11/13/2013	9:02	8.77	91.84	0.02	0.00
TON-MW7s	12/17/2013	14:49	9.18	91.43	-0.03	-0.00
TON-MW7d	1/30/2012	17:07	7.33	92.96		
TON-MW7d	2/10/2012	11:58	8.12	92.17		
TON-MW7d	3/5/2012	12:20	8.30	91.99		
TON-MW7d	4/9/2012	10:00	8.55	91.74		
TON-MW7d	5/10/2012	17:25	5.81	94.48		
TON-MW7d	6/20/2012	10:10	6.21	94.08		
TON-MW7d	7/9/2012	13:12	8.05	92.24		
TON-MW7d	8/16/2012	10:00	6.75	93.54		
TON-MW7d	9/20/2012	11:26	7.35	92.94		
TON-MW7d	10/19/2012	12:34	6.83	93.46		
TON-MW7d	12/6/2012	14:14	8.75	91.54		
TON-MW7d	12/31/2012	10:17	8.49	91.80		
TON-MW7d	1/15/2013	12:00	8.67	91.62		
TON-MW7d	2/18/2013	16:47	9.10	91.19		
TON-MW7d	3/22/2013	13:00	8.53	91.76		
TON-MW7d	4/17/2013	14:19	6.92	93.37		
TON-MW7d	5/29/2013	11:04	9.18	91.11		
TON-MW7d	6/18/2013	11:13	8.80	91.49		
TON-MW7d	7/15/2013	15:16	8.72	91.57		
TON-MW7d	8/22/2013	12:33	8.87	91.42		
TON-MW7d	9/9/2013	11:26	8.51	91.78		
TON-MW7d	10/7/2013	14:13	7.33	92.96		
TON-MW7d	11/13/2013	9:02	8.47	91.82		
TON-MW7d	12/17/2013	14:49	8.83	91.46		
TON-MW8s	1/30/2012	17:09	9.79	84.22	-0.15	-0.01
TON-MW8s	2/10/2012	11:36	9.71	84.30	-0.15	-0.01
TON-MW8s	3/5/2012	12:17	9.80	84.21	-0.11	-0.01
TON-MW8s	4/9/2012	10:07	9.71	84.30	-0.09	-0.00
TON-MW8s	5/10/2012	17:08	10.14	83.87	-0.12	-0.01
TON-MW8s	6/20/2012	10:13	10.00	84.01	-0.10	-0.00
TON-MW8s	7/9/2012	13:08	9.90	84.11	-0.08	-0.00
TON-MW8s	8/16/2012	9:53	9.78	84.23	-0.16	-0.01
TON-MW8s	9/20/2012	11:22	10.09	83.92	0.21	0.01
TON-MW8s	10/19/2012	12:31	9.93	84.08	-0.09	-0.00
TON-MW8s	12/6/2012	14:17	9.80	84.21	-0.04	-0.00
TON-MW8s	12/31/2012	10:20	9.74	84.27	-0.14	-0.01
TON-MW8s	1/15/2013	11:56	9.85	84.16	-0.14	-0.01
TON-MW8s	2/18/2013	16:49	9.44	84.57	0.05	0.00
TON-MW8s	3/22/2013	13:03	10.03	83.98	-0.01	-0.00
TON-MW8s	4/17/2013	14:23	10.34	83.67	-0.05	-0.00
TON-MW8s	5/29/2013	11:11	9.88	84.13	-0.04	-0.00
TON-MW8s	6/18/2013	11:15	9.74	84.27	-0.03	-0.00
TON-MW8s	7/15/2013	15:11	10.25	83.76	-0.03	-0.00
TON-MW8s	8/22/2013	12:30	10.00	84.01	0.02	0.00
TON-MW8s	9/9/2013	11:20	10.32	83.69	0.01	0.00
TON-MW8s	10/7/2013	14:09	10.00	84.01	-0.08	-0.00
TON-MW8s	11/13/2013	9:07	9.98	84.03	-0.01	-0.00
TON-MW8s	12/17/2013	14:45	9.82	84.19	-0.13	-0.01
TON-MW8d	1/30/2012	17:11	9.25	84.37		
TON-MW8d	2/10/2012	11:37	9.17	84.45		
TON-MW8d	3/5/2012	12:16	9.30	84.32		
TON-MW8d	4/9/2012	10:08	9.23	84.39		
TON-MW8d	5/10/2012	17:10	9.63	83.99		
TON-MW8d	6/20/2012	10:14	9.51	84.11		
TON-MW8d	7/9/2012	13:08	9.43	84.19		
TON-MW8d	8/16/2012	9:54	9.23	84.39		
TON-MW8d	9/20/2012	11:22	9.91	83.71		
TON-MW8d	10/19/2012	12:31	9.45	84.17		
TON-MW8d	12/6/2012	14:17	9.37	84.25		
TON-MW8d	12/31/2012	10:21	9.21	84.41		
TON-MW8d	1/15/2013	11:56	9.32	84.30		
TON-MW8d	2/18/2013	16:49	9.10	84.52		
TON-MW8d	3/22/2013	13:03	9.63	83.99		
TON-MW8d	4/17/2013	14:23	9.90	83.72		
TON-MW8d	5/29/2013	11:11	9.45	84.17		
TON-MW8d	6/18/2013	11:16	9.32	84.30		
TON-MW8d	7/15/2013	15:11	9.83	83.79		
TON-MW8d	8/22/2013	12:30	9.63	83.99		
TON-MW8d	9/9/2013	11:20	9.94	83.68		
TON-MW8d	10/7/2013	14:09	9.53	84.09		
TON-MW8d	11/13/2013	9:07	9.58	84.04		
TON-MW8d	12/17/2013	14:45	9.30	84.32		
BRE-MW1s	1/21/2013	12:38	18.11	198.18		
BRE-MW1s	2/11/2013	11:35	18.25	198.04		
BRE-MW1s	3/18/2013	14:28	18.42	197.87		
BRE-MW1s	4/22/2013	9:55	29.98	186.31		
BRE-MW1s	5/13/2013	14:16	18.78	197.51		
BRE-MW1s	6/18/2013	12:37	18.75	197.54		
BRE-MW1s	7/16/2013	12:40	19.16	197.13		
BRE-MW1s	8/12/2013	13:55	19.54	196.75		
BRE-MW1s	9/10/2013	7:05	20.16	196.13		
BRE-MW1s	10/25/2013	12:38	22.22	194.07		
BRE-MW1s	11/26/2013	11:00	28.37	187.92		
BRE-MW1s	12/23/2013	9:18	30.81	185.48		
BRE-MW1d	1/21/2013	12:41	53.18	163.12		
BRE-MW1d	2/11/2013	11:40	51.24	165.06		
BRE-MW1d	3/18/2013	14:31	53.25	163.05		
BRE-MW1d	4/22/2013	10:00	62.41	153.89		
BRE-MW1d	5/13/2013	14:19	67.10	149.20		
BRE-MW1d	6/18/2013	12:43	73.03	143.27		
BRE-MW1d	7/16/2013	12:45	79.08	137.22		
BRE-MW1d	8/12/2013	13:58	80.49	135.81		
BRE-MW1d	9/10/2013	7:09	79.01	137.29		
BRE-MW1d	10/25/2013	12:42	70.95	145.35		
BRE-MW1d	11/26/2013	11:03	63.53	152.77		
BRE-MW1d	12/23/2013	9:22	63.46	152.84		
BRE-MW2s	1/21/2013	12:27	63.30	163.84	0.02	0.00
BRE-MW2s	2/11/2013	11:55	61.25	165.89	0.06	0.00

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
BRE-MW2s	3/18/2013	13:40	64.31	162.83	-0.01	-0.00
BRE-MW2s	4/22/2013	9:40	73.60	153.54	0.25	0.01
BRE-MW2s	5/13/2013	14:05	78.12	149.02	1.08	0.05
BRE-MW2s	6/18/2013	12:15	85.40	141.74	0.07	0.00
BRE-MW2s	7/16/2013	12:20	91.26	135.88	0.01	0.00
BRE-MW2s	8/12/2013	13:45	92.35	134.79	0.11	0.01
BRE-MW2s	9/10/2013	7:15	90.54	136.60	0.04	0.00
BRE-MW2s	10/25/2013	12:26	82.06	145.08	-0.02	-0.00
BRE-MW2s	11/26/2013	11:13	74.06	153.08	-0.03	-0.00
BRE-MW2s	12/23/2013	9:00	74.07	153.07	0.00	0.00
BRE-MW2d	1/21/2013	12:23	63.15	163.82		
BRE-MW2d	2/11/2013	12:01	61.14	165.83		
BRE-MW2d	3/18/2013	13:44	64.13	162.84		
BRE-MW2d	4/22/2013	9:45	73.68	153.29		
BRE-MW2d	5/13/2013	14:08	79.03	147.94		
BRE-MW2d	6/18/2013	12:20	85.30	141.67		
BRE-MW2d	7/16/2013	12:25	91.10	135.87		
BRE-MW2d	8/12/2013	13:48	92.29	134.68		
BRE-MW2d	9/10/2013	7:19	90.41	136.56		
BRE-MW2d	10/25/2013	12:32	81.87	145.10		
BRE-MW2d	11/26/2013	11:16	73.86	153.11		
BRE-MW2d	12/23/2013	9:05	73.90	153.07		
BRE-MW3s	1/21/2013	13:10	51.10	161.88	0.00	0.00
BRE-MW3s	2/11/2013	12:12	49.46	163.52	0.01	0.00
BRE-MW3s	3/18/2013	13:52	51.92	161.06	0.18	0.01
BRE-MW3s	4/22/2013	10:15	73.68	139.30	-12.86	-1.03
BRE-MW3s	5/13/2013	14:20	67.18	145.80	-0.07	-0.01
BRE-MW3s	6/18/2013	13:02	73.04	139.94	-0.03	-0.00
BRE-MW3s	7/16/2013	13:01	79.48	133.50	-0.04	-0.00
BRE-MW3s	8/12/2013	14:05	80.65	132.33	0.01	0.00
BRE-MW3s	9/10/2013	6:49	78.33	134.65	-0.05	-0.00
BRE-MW3s	10/25/2013	12:00	69.54	143.44	-0.04	-0.00
BRE-MW3s	11/26/2013	11:25	61.25	151.73	-0.07	-0.01
BRE-MW3s	12/23/2013	8:40	62.13	150.85	-0.08	-0.01
BRE-MW3d	1/21/2013	13:15	51.11	161.88		
BRE-MW3d	2/11/2013	12:15	49.48	163.51		
BRE-MW3d	3/18/2013	13:56	52.11	160.88		
BRE-MW3d	4/22/2013	10:18	60.83	152.16		
BRE-MW3d	5/13/2013	14:22	67.12	145.87		
BRE-MW3d	6/18/2013	13:10	73.02	139.97		
BRE-MW3d	7/16/2013	13:08	79.45	133.54		
BRE-MW3d	8/12/2013	14:08	80.67	132.32		
BRE-MW3d	9/10/2013	6:55	78.29	134.70		
BRE-MW3d	10/25/2013	12:04	69.51	143.48		
BRE-MW3d	11/26/2013	11:28	61.19	151.80		
BRE-MW3d	12/23/2013	8:45	62.06	150.93		
CRE-MW1s	1/21/2013	10:51	2.45	215.97		
CRE-MW1s	2/11/2013	10:01	2.33	216.09		
CRE-MW1s	3/18/2013	11:30	3.31	215.11		
CRE-MW1s	4/22/2013	11:11	2.97	215.45		
CRE-MW1s	5/13/2013	9:10	3.28	215.14		
CRE-MW1s	6/18/2013	11:01	2.14	216.28		
CRE-MW1s	7/16/2013	10:42	2.16	216.26		
CRE-MW1s	8/12/2013	11:55	2.15	216.27		
CRE-MW1s	9/10/2013	8:05	1.87	216.55		
CRE-MW1s	10/25/2013	10:03	1.74	216.68		
CRE-MW1s	11/26/2013	13:58	2.16	216.26		
CRE-MW1s	12/23/2013	10:05	2.76	215.66		
CRE-MW1d	1/21/2013	10:54	83.88	134.53		
CRE-MW1d	2/11/2013	10:06	83.15	135.26		
CRE-MW1d	3/18/2013	11:34	84.25	134.16		
CRE-MW1d	4/22/2013	11:15	86.93	131.48		
CRE-MW1d	5/13/2013	9:18	89.09	129.32		
CRE-MW1d	6/18/2013	11:05	86.41	132.00		
CRE-MW1d	7/16/2013	10:47	87.05	131.36		
CRE-MW1d	8/12/2013	11:57	75.47	142.94		
CRE-MW1d	9/10/2013	8:10	95.44	122.97		
CRE-MW1d	10/25/2013	10:30	94.61	123.80		
CRE-MW1d	11/26/2013	13:59	92.17	126.24		
CRE-MW1d	12/23/2013	10:08	92.22	126.19		
CRE-MW2s	1/21/2013	11:00	2.85	214.37	2.02	0.12
CRE-MW2s	2/11/2013	10:21	3.31	213.91	1.43	0.08
CRE-MW2s	3/18/2013	12:12	4.06	213.16	0.98	0.06
CRE-MW2s	4/22/2013	11:33	4.17	213.05	0.81	0.05
CRE-MW2s	5/13/2013	9:28	4.43	212.79	0.80	0.05
CRE-MW2s	6/18/2013	11:13	3.59	213.63	0.37	0.02
CRE-MW2s	7/16/2013	10:30	3.55	213.67	0.60	0.04
CRE-MW2s	8/12/2013	11:49	3.16	214.06	0.68	0.04
CRE-MW2s	9/10/2013	8:16	3.19	214.03	0.46	0.03
CRE-MW2s	10/25/2013	10:37	3.50	213.72	0.64	0.04
CRE-MW2s	11/26/2013	14:08	4.76	212.46	0.49	0.03
CRE-MW2s	12/23/2013	10:18	4.62	212.60	0.75	0.04
CRE-MW2d	1/21/2013	11:04	4.89	212.35		
CRE-MW2d	2/11/2013	10:27	4.76	212.48		
CRE-MW2d	3/18/2013	12:17	5.06	212.18		
CRE-MW2d	4/22/2013	11:36	5.00	212.24		
CRE-MW2d	5/13/2013	9:30	5.25	211.99		
CRE-MW2d	6/18/2013	11:18	3.98	213.26		
CRE-MW2d	7/16/2013	10:36	4.17	213.07		
CRE-MW2d	8/12/2013	11:52	3.86	213.38		
CRE-MW2d	9/10/2013	8:20	3.67	213.57		
CRE-MW2d	10/25/2013	10:40	4.16	213.08		
CRE-MW2d	11/26/2013	14:12	5.27	211.97		
CRE-MW2d	12/23/2013	10:22	5.39	211.85		
CRE-MW3s	1/21/2013	11:15	3.51	210.27		
CRE-MW3s	2/11/2013	10:47	4.01	209.77		
CRE-MW3s	3/18/2013	11:48	2.91	210.87		
CRE-MW3s	4/22/2013	11:45	3.50	210.28		
CRE-MW3s	5/13/2013	9:39	3.72	210.06		
CRE-MW3s	6/18/2013	10:45	3.18	210.60		
CRE-MW3s	7/16/2013	10:55	3.62	210.16		
CRE-MW3s	8/12/2013	11:40	3.24	210.54		
CRE-MW3s	9/10/2013	8:32	2.80	210.98		
CRE-MW3s	10/25/2013	10:56	3.22	210.56		
CRE-MW3s	11/26/2013	14:25	4.10	209.68		
CRE-MW3s	12/23/2013	10:40	3.66	210.12		
CRE-MW3d	1/21/2013	11:19	35.34	178.44		
CRE-MW3d	2/11/2013	10:53	35.24	178.54		
CRE-MW3d	3/18/2013	11:55	35.19	178.59		
CRE-MW3d	4/22/2013	11:50	35.84	177.94		
CRE-MW3d	5/13/2013	9:47	37.31	176.47		
CRE-MW3d	6/18/2013	10:49	38.59	175.19		
CRE-MW3d	7/16/2013	11:00	39.61	174.17		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
CRE-MW3d	8/12/2013	11:42	40.69	173.09		
CRE-MW3d	9/10/2013	8:36	40.37	173.41		
CRE-MW3d	10/25/2013	11:00	39.29	174.49		
CRE-MW3d	11/26/2013	14:28	38.58	175.20		
CRE-MW3d	12/23/2013	10:43	39.83	173.95		
MTS-MW1	1/21/2013	9:26	54.31	132.33		
MTS-MW1	2/11/2013	9:02	53.18	133.46		
MTS-MW1	3/18/2013	9:30	55.07	131.57		
MTS-MW1	4/22/2013	12:24	55.25	131.39		
MTS-MW1	5/13/2013	12:08	57.48	129.16		
MTS-MW1	6/18/2013	9:20	60.59	126.05		
MTS-MW1	7/16/2013	9:25	63.10	123.54		
MTS-MW1	8/12/2013	9:05	64.73	121.91		
MTS-MW1	9/9/2013	15:45	64.20	122.44		
MTS-MW1	10/25/2013	9:48	63.32	123.32		
MTS-MW1	11/26/2013	7:52	62.81	123.83		
MTS-MW1	12/23/2013	12:05	62.94	123.70		
MTS-MW2s	1/21/2013	9:40	Dry			
MTS-MW2s	2/11/2013	9:12	Dry			
MTS-MW2s	3/18/2013	10:24	Dry			
MTS-MW2s	4/22/2013	12:38	Dry			
MTS-MW2s	5/13/2013	12:14	Dry			
MTS-MW2s	6/18/2013	9:27	22.30	158.56	31.85	0.80
MTS-MW2s	7/16/2013	9:34	24.51	156.35	31.98	0.80
MTS-MW2s	8/12/2013	9:12	24.33	156.53	33.99	0.85
MTS-MW2s	9/9/2013	15:50	Dry			
MTS-MW2s	10/25/2013	9:36	Dry			
MTS-MW2s	11/26/2013	7:59	Dry			
MTS-MW2s	12/23/2013	12:15	Dry			
MTS-MW2d	1/21/2013	9:37	49.05	131.89		
MTS-MW2d	2/11/2013	9:18	47.89	133.05		
MTS-MW2d	3/18/2013	10:27	49.18	131.76		
MTS-MW2d	4/22/2013	12:41	49.65	131.29		
MTS-MW2d	5/13/2013	12:16	51.88	129.06		
MTS-MW2d	6/18/2013	9:31	54.23	126.71		
MTS-MW2d	7/16/2013	9:38	56.57	124.37		
MTS-MW2d	8/12/2013	9:15	58.40	122.54		
MTS-MW2d	9/9/2013	15:54	58.57	122.37		
MTS-MW2d	10/25/2013	9:32	57.96	122.98		
MTS-MW2d	11/26/2013	8:04	57.43	123.51		
MTS-MW2d	12/23/2013	12:19	57.26	123.68		
MTS-MW3s	1/21/2013	9:48	24.98	153.26	21.81	0.48
MTS-MW3s	2/11/2013	9:32	Dry			
MTS-MW3s	3/18/2013	10:28	Dry			
MTS-MW3s	4/22/2013	12:45	22.71	155.53	24.52	0.54
MTS-MW3s	5/13/2013	12:19	Dry			
MTS-MW3s	6/18/2013	9:38	21.08	157.16	30.16	0.67
MTS-MW3s	7/16/2013	9:45	Dry			
MTS-MW3s	8/12/2013	9:20	22.03	156.21	33.97	0.75
MTS-MW3s	9/9/2013	15:59	Dry			
MTS-MW3s	10/25/2013	9:24	24.87	153.37	31.16	0.69
MTS-MW3s	11/26/2013	8:10	Dry			
MTS-MW3s	12/23/2013	12:31	Dry			
MTS-MW3d	1/21/2013	9:45	46.81	131.45		
MTS-MW3d	2/11/2013	9:38	45.66	132.60		
MTS-MW3d	3/18/2013	10:34	46.69	131.57		
MTS-MW3d	4/22/2013	12:49	47.25	131.01		
MTS-MW3d	5/13/2013	12:20	49.72	128.54		
MTS-MW3d	6/18/2013	9:44	51.26	127.00		
MTS-MW3d	7/16/2013	9:50	54.24	124.02		
MTS-MW3d	8/12/2013	9:25	56.02	122.24		
MTS-MW3d	9/9/2013	16:03	56.57	121.69		
MTS-MW3d	10/25/2013	9:20	56.05	122.21		
MTS-MW3d	11/26/2013	8:13	55.38	122.88		
MTS-MW3d	12/23/2013	12:35	55.07	123.19		
AUK-MW1	1/23/2013	15:05	57.89	183.17		
AUK-MW1	2/13/2013	12:54	59.68	181.38		
AUK-MW1	3/21/2013	14:11	62.01	179.05		
AUK-MW1	4/24/2013	13:45	61.91	179.15		
AUK-MW1	5/16/2013	8:43	62.65	178.41		
AUK-MW1	6/20/2013	11:30	64.34	176.72		
AUK-MW1	7/18/2013	12:50	66.32	174.74		
AUK-MW1	8/14/2013	13:51	66.03	175.03		
AUK-MW1	9/11/2013	8:01	65.97	175.09		
AUK-MW1	10/25/2013	10:12	Dry			
AUK-MW1	11/22/2013	10:30	66.20	174.86		
AUK-MW1	12/27/2013	7:51	65.28	175.78		
AUK-MW2	1/23/2013	15:00	64.33	175.93		
AUK-MW2	2/13/2013	13:10	65.01	175.25		
AUK-MW2	3/21/2013	13:42	65.61	174.65		
AUK-MW2	4/24/2013	13:55	66.38	173.88		
AUK-MW2	5/16/2013	8:31	67.61	172.65		
AUK-MW2	6/20/2013	11:24	69.67	170.59		
AUK-MW2	7/18/2013	12:58	71.58	168.68		
AUK-MW2	8/14/2013	13:59	72.68	167.58		
AUK-MW2	9/11/2013	8:20	67.56	172.70		
AUK-MW2	10/25/2013	10:16	92.98	147.28		
AUK-MW2	11/22/2013	10:35	72.76	167.50		
AUK-MW2	12/27/2013	8:03	74.16	166.10		
AUK-MW3	1/23/2013	14:55	62.94	175.24		
AUK-MW3	2/13/2013	13:18	63.41	174.77		
AUK-MW3	3/21/2013	12:54	64.35	173.83		
AUK-MW3	4/24/2013	13:50	64.87	173.31		
AUK-MW3	5/16/2013	8:20	66.05	172.13		
AUK-MW3	6/20/2013	11:15	66.25	171.93		
AUK-MW3	7/18/2013	13:05	68.35	169.83		
AUK-MW3	8/14/2013	13:42	67.96	170.22		
AUK-MW3	9/11/2013	8:12	71.42	166.76		
AUK-MW3	10/25/2013	10:20	89.68	148.50		
AUK-MW3	11/22/2013	10:40	69.84	168.34		
AUK-MW3	12/27/2013	7:57	71.45	166.73		
DLF-MW1	1/24/2013	9:18	114.75	206.98		
DLF-MW1	2/13/2013	15:44	Dry			
DLF-MW1	3/21/2013	15:39	Dry			
DLF-MW1	4/25/2013	15:04	Dry			
DLF-MW1	5/16/2013	14:18	Dry			
DLF-MW1	6/20/2013	10:11	Dry			
DLF-MW1	7/19/2013	7:15	Dry			
DLF-MW1	8/14/2013	7:20	Dry			
DLF-MW1	9/11/2013	10:49	Dry			
DLF-MW1	10/25/2013	9:01	Dry			
DLF-MW1	11/21/2013	13:40	Dry			
DLF-MW1	12/26/2013	15:25	Dry			

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
DLF-MW2	1/24/2013	8:50	Dry			
DLF-MW2	2/13/2013	15:14	Dry			
DLF-MW2	3/21/2013	15:13	Dry			
DLF-MW2	4/25/2013	15:15	Dry			
DLF-MW2	5/16/2013	14:22	Dry			
DLF-MW2	6/20/2013	9:29	Dry			
DLF-MW2	7/19/2013	6:51	Dry			
DLF-MW2	8/14/2013	7:04	Dry			
DLF-MW2	9/11/2013	10:11	Dry			
DLF-MW2	10/25/2013	9:42	Dry			
DLF-MW2	11/21/2013	14:08	Dry			
DLF-MW2	12/26/2013	15:17	Dry			
DLF-MW3	1/24/2013	8:55	Dry			
DLF-MW3	2/13/2013	15:10	Dry			
DLF-MW3	3/21/2013	14:45	Dry			
DLF-MW3	4/25/2013	15:10	Dry			
DLF-MW3	5/16/2013	14:24	Dry			
DLF-MW3	6/20/2013	9:20	Dry			
DLF-MW3	7/19/2013	6:45	Dry			
DLF-MW3	8/14/2013	7:00	Dry			
DLF-MW3	9/11/2013	10:05	Dry			
DLF-MW3	10/25/2013	9:10	Dry			
DLF-MW3	11/21/2013	14:13	Dry			
DLF-MW3	12/26/2013	15:22	Dry			
DLF-MW4A	1/24/2013	8:58	Dry			
DLF-MW4A	2/13/2013	15:17	Dry			
DLF-MW4A	3/21/2013	15:00	Dry			
DLF-MW4A	4/25/2013	15:19	Dry			
DLF-MW4A	5/16/2013	14:31	Dry			
DLF-MW4A	6/20/2013	9:35	Dry			
DLF-MW4A	7/19/2013	7:00	Dry			
DLF-MW4A	8/14/2013	7:08	Dry			
DLF-MW4A	9/11/2013	10:18	Dry			
DLF-MW4A	10/25/2013	9:15	Dry			
DLF-MW4A	11/21/2013	13:59	Dry			
DLF-MW4A	12/26/2013	15:33	Dry			
DLF-MW4B	1/24/2013	9:02	Dry			
DLF-MW4B	2/13/2013	15:19	Dry			
DLF-MW4B	3/21/2013	15:03	Dry			
DLF-MW4B	4/25/2013	15:22	Dry			
DLF-MW4B	5/16/2013	14:34	Dry			
DLF-MW4B	6/20/2013	9:38	Dry			
DLF-MW4B	7/19/2013	7:05	Dry			
DLF-MW4B	8/14/2013	7:09	Dry			
DLF-MW4B	9/11/2013	10:20	Dry			
DLF-MW4B	10/25/2013	9:18	Dry			
DLF-MW4B	11/21/2013	14:01	Dry			
DLF-MW4B	12/26/2013	15:40	Dry			
DLF-MW4C	1/24/2013	9:05	143.48	164.96		
DLF-MW4C	2/13/2013	15:22	151.20	157.24		
DLF-MW4C	3/21/2013	15:07	153.42	155.02		
DLF-MW4C	4/25/2013	15:25	155.63	152.81		
DLF-MW4C	5/16/2013	14:35	160.68	147.76		
DLF-MW4C	6/20/2013	9:42	166.37	142.07		
DLF-MW4C	7/19/2013	7:08	167.73	140.71		
DLF-MW4C	8/14/2013	7:11	166.07	142.37		
DLF-MW4C	9/11/2013	10:23	171.03	137.41		
DLF-MW4C	10/25/2013	9:22	167.76	140.68		
DLF-MW4C	11/21/2013	14:03	163.61	144.83		
DLF-MW4C	12/26/2013	15:43	160.36	148.08		
DLF-MW5A	1/24/2013	9:08	117.80	198.38		
DLF-MW5A	2/13/2013	15:28	117.89	198.29		
DLF-MW5A	3/21/2013	17:01	118.75	197.43		
DLF-MW5A	4/25/2013	15:29	121.80	194.38		
DLF-MW5A	5/16/2013	14:42	118.44	197.74		
DLF-MW5A	6/20/2013	9:48	Dry			
DLF-MW5A	7/19/2013	7:22	Dry			
DLF-MW5A	8/14/2013	7:15	Dry			
DLF-MW5A	9/11/2013	10:32	Dry			
DLF-MW5A	10/25/2013	9:30	Dry			
DLF-MW5A	11/21/2013	13:50	118.30	197.88		
DLF-MW5A	12/26/2013	15:51	Dry			
DLF-MW5B	1/24/2013	9:10	142.58	173.56		
DLF-MW5B	2/13/2013	15:31	145.11	171.03		
DLF-MW5B	3/21/2013	16:55	145.97	170.17		
DLF-MW5B	4/25/2013	15:32	149.98	166.16		
DLF-MW5B	5/16/2013	14:24	152.51	163.63		
DLF-MW5B	6/20/2013	9:51	Dry			
DLF-MW5B	7/19/2013	7:26	Dry			
DLF-MW5B	8/14/2013	7:16	Dry			
DLF-MW5B	9/11/2013	10:36	Dry			
DLF-MW5B	10/25/2013	9:33	Dry			
DLF-MW5B	11/21/2013	13:53	Dry			
DLF-MW5B	12/26/2013	15:54	Dry			
DLF-MW5C	1/24/2013	9:12	142.65	173.64		
DLF-MW5C	2/13/2013	15:34	145.10	171.19		
DLF-MW5C	3/21/2013	16:58	145.90	170.39		
DLF-MW5C	4/25/2013	15:35	149.93	166.36		
DLF-MW5C	5/16/2013	14:46	152.47	163.82		
DLF-MW5C	6/20/2013	9:55	155.66	160.63		
DLF-MW5C	7/19/2013	7:30	157.61	158.68		
DLF-MW5C	8/14/2013	7:18	159.36	156.93		
DLF-MW5C	9/11/2013	10:40	160.79	155.50		
DLF-MW5C	10/25/2013	9:35	160.85	155.44		
DLF-MW5C	11/21/2013	13:55	159.97	156.32		
DLF-MW5C	12/26/2013	15:55	157.11	159.18		
DLF-MW6A	1/24/2013	8:02	90.72	211.87		
DLF-MW6A	2/13/2013	14:50	93.21	209.38		
DLF-MW6A	3/21/2013	15:01	100.18	202.41		
DLF-MW6A	4/25/2013	15:41	96.74	205.85		
DLF-MW6A	5/16/2013	14:40	Dry			
DLF-MW6A	6/20/2013	10:30	Dry			
DLF-MW6A	7/19/2013	7:45	Dry			
DLF-MW6A	8/14/2013	7:25	Dry			
DLF-MW6A	9/11/2013	11:00	Dry			
DLF-MW6A	10/25/2013	9:50	Dry			
DLF-MW6A	11/21/2013	14:20	Dry			
DLF-MW6A	12/26/2013	16:07	Dry			
DLF-MW6B	1/24/2013	8:20	95.93	206.84		
DLF-MW6B	2/13/2013	14:53	97.98	204.79		
DLF-MW6B	3/21/2013	15:04	100.43	202.34		
DLF-MW6B	4/25/2013	15:44	100.04	202.73		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
DLF-MW6B	5/16/2013	14:42	105.06	197.71		
DLF-MW6B	6/20/2013	10:35	105.54	197.23		
DLF-MW6B	7/19/2013	7:48	110.15	192.62		
DLF-MW6B	8/14/2013	7:27	103.95	198.82		
DLF-MW6B	9/11/2013	11:03	107.79	194.98		
DLF-MW6B	10/25/2013	9:52	108.87	193.90		
DLF-MW6B	11/21/2013	14:22	102.74	200.03		
DLF-MW6B	12/26/2013	16:10	104.37	198.40		
DLF-MW6C	1/24/2013	8:04	101.20	201.24		
DLF-MW6C	2/13/2013	14:56	105.12	197.32		
DLF-MW6C	3/21/2013	15:06	103.78	198.66		
DLF-MW6C	4/25/2013	15:47	107.38	195.06		
DLF-MW6C	5/16/2013	14:43	109.01	193.43		
DLF-MW6C	6/20/2013	10:38	110.37	192.07		
DLF-MW6C	7/19/2013	7:50	115.96	186.48		
DLF-MW6C	8/14/2013	7:29	109.30	193.14		
DLF-MW6C	9/11/2013	11:06	108.10	194.34		
DLF-MW6C	10/25/2013	9:55	109.17	193.27		
DLF-MW6C	11/21/2013	14:24	106.35	196.09		
DLF-MW6C	12/26/2013	16:13	107.17	195.27		
DLF-MW6D	1/24/2013	8:06	101.64	200.70		
DLF-MW6D	2/13/2013	15:01	105.81	196.53		
DLF-MW6D	3/21/2013	15:08	104.31	198.03		
DLF-MW6D	4/25/2013	15:50	107.74	194.60		
DLF-MW6D	5/16/2013	14:44	109.39	192.95		
DLF-MW6D	6/20/2013	10:41	111.30	191.04		
DLF-MW6D	7/19/2013	7:53	116.71	185.63		
DLF-MW6D	8/14/2013	7:31	109.92	192.42		
DLF-MW6D	9/11/2013	11:08	108.13	194.21		
DLF-MW6D	10/25/2013	9:58	109.25	193.09		
DLF-MW6D	11/21/2013	14:26	106.75	195.59		
DLF-MW6D	12/26/2013	16:15	107.49	194.85		
ELK-MW1	1/23/2013	7:00	42.43	264.56		
ELK-MW1	2/13/2013	7:15	48.91	258.08		
ELK-MW1	3/19/2013	15:37	54.21	252.78		
ELK-MW1	4/23/2013	15:20	61.44	245.55		
ELK-MW1	5/14/2013	15:42	60.49	246.50		
ELK-MW1	6/19/2013	13:10	67.87	239.12		
ELK-MW1	7/17/2013	15:20	76.19	235.64		
ELK-MW1	8/16/2013	6:25	Dry			
ELK-MW1	9/11/2013	14:00	Dry			
ELK-MW1	10/24/2013	14:35	77.61	234.22		
ELK-MW1	11/20/2013	13:55	73.19	238.64		
ELK-MW1	12/27/2013	8:09	73.98	237.85		
ELK-MW2A	1/23/2013	7:05	Dry			
ELK-MW2A	2/13/2013	7:24	Dry			
ELK-MW2A	3/19/2013	15:58	Dry			
ELK-MW2A	4/23/2013	15:30	Dry			
ELK-MW2A	5/14/2013	15:45	Dry			
ELK-MW2A	6/19/2013	13:20	Dry			
ELK-MW2A	7/17/2013	15:28	Dry			
ELK-MW2A	8/16/2013	6:30	Dry			
ELK-MW2A	9/11/2013	14:08	Dry			
ELK-MW2A	10/24/2013	14:41	Dry			
ELK-MW2A	11/20/2013	13:58	Dry			
ELK-MW2A	12/27/2013	7:57	Dry			
ELK-MW2B	1/23/2013	7:08	41.43	266.89		
ELK-MW2B	2/13/2013	7:30	50.55	257.77		
ELK-MW2B	3/19/2013	16:02	57.91	250.41		
ELK-MW2B	4/23/2013	15:33	62.38	245.94		
ELK-MW2B	5/14/2013	15:48	58.91	249.41		
ELK-MW2B	6/19/2013	13:15	68.52	239.80		
ELK-MW2B	7/17/2013	15:32	71.95	236.37		
ELK-MW2B	8/16/2013	6:33	71.52	236.80		
ELK-MW2B	9/11/2013	14:13	73.66	234.66		
ELK-MW2B	10/24/2013	14:43	68.85	239.47		
ELK-MW2B	11/20/2013	14:01	64.05	244.27		
ELK-MW2B	12/27/2013	8:01	69.26	239.06		
ELK-MW3A	1/23/2013	7:12	Dry			
ELK-MW3A	2/13/2013	7:38	Dry			
ELK-MW3A	3/19/2013	15:13	Dry			
ELK-MW3A	4/23/2013	14:38	Dry			
ELK-MW3A	5/14/2013	15:56	Dry			
ELK-MW3A	6/19/2013	13:25	Dry			
ELK-MW3A	7/17/2013	15:40	Dry			
ELK-MW3A	8/16/2013	6:36	Dry			
ELK-MW3A	9/11/2013	14:21	Dry			
ELK-MW3A	10/24/2013	14:47	Dry			
ELK-MW3A	11/20/2013	14:08	Dry			
ELK-MW3A	12/27/2013	7:46	Dry			
ELK-MW3B	1/23/2013	7:20	36.00	275.08		
ELK-MW3B	2/13/2013	7:45	38.56	272.52		
ELK-MW3B	3/19/2013	15:17	41.73	269.35		
ELK-MW3B	4/23/2013	15:43	47.35	263.73		
ELK-MW3B	5/14/2013	15:55	49.41	261.67		
ELK-MW3B	6/19/2013	13:28	53.92	257.16		
ELK-MW3B	7/17/2013	15:44	59.53	254.52		
ELK-MW3B	8/16/2013	6:40	59.86	254.19		
ELK-MW3B	9/11/2013	14:25	Dry			
ELK-MW3B	10/24/2013	14:50	62.17	251.88		
ELK-MW3B	11/20/2013	14:10	Dry			
ELK-MW3B	12/27/2013	7:50	61.59	252.46		
ELK-MW4	1/23/2013	7:30	32.31	282.37		
ELK-MW4	2/13/2013	7:50	Dry			
ELK-MW4	3/19/2013	15:04	Dry			
ELK-MW4	4/23/2013	15:49	Dry			
ELK-MW4	5/14/2013	15:40	Dry			
ELK-MW4	6/19/2013	13:36	Dry			
ELK-MW4	7/17/2013	15:55	Dry			
ELK-MW4	8/16/2013	6:45	Dry			
ELK-MW4	9/11/2013	14:33	Dry			
ELK-MW4	10/24/2013	14:55	Dry			
ELK-MW4	11/20/2013	14:15	Dry			
ELK-MW4	12/27/2013	7:38	Dry			
ZZI-MW1A	1/23/2013	8:50	42.98	205.36		
ZZI-MW1A	2/14/2013	8:18	42.88	205.46		
ZZI-MW1A	3/22/2013	10:50	42.87	205.47		
ZZI-MW1A	4/24/2013	7:39	42.68	205.66		
ZZI-MW1A	5/17/2013	6:15	Dry			
ZZI-MW1A	6/21/2013	6:37	Dry			
ZZI-MW1A	7/18/2013	6:45	Dry			
ZZI-MW1A	8/15/2013	12:10	Dry			
ZZI-MW1A	9/11/2013	15:21	Dry			

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
ZZI-MW1A	10/24/2013	12:25	Dry			
ZZI-MW1A	11/20/2013	7:00	Dry			
ZZI-MW1A	12/27/2013	8:51	42.85	205.49		
ZZI-MW1B	1/23/2013	8:53	99.41	149.07		
ZZI-MW1B	2/14/2013	8:24	101.29	147.19		
ZZI-MW1B	3/22/2013	10:53	101.95	146.53		
ZZI-MW1B	4/24/2013	7:43	103.60	144.88		
ZZI-MW1B	5/17/2013	6:17	Dry			
ZZI-MW1B	6/21/2013	6:41	Dry			
ZZI-MW1B	7/18/2013	6:50	Dry			
ZZI-MW1B	8/15/2013	12:12	Dry			
ZZI-MW1B	9/11/2013	15:24	Dry			
ZZI-MW1B	10/24/2013	12:29	Dry			
ZZI-MW1B	11/20/2013	7:04	Dry			
ZZI-MW1B	12/27/2013	8:55	105.70	142.78		
ZZI-MW1C	1/23/2013	8:55	99.35	149.15		
ZZI-MW1C	2/14/2013	8:27	101.12	147.38		
ZZI-MW1C	3/22/2013	10:55	101.98	146.52		
ZZI-MW1C	4/24/2013	7:46	103.56	144.94		
ZZI-MW1C	5/17/2013	6:19	104.48	144.02		
ZZI-MW1C	6/21/2013	6:45	106.18	142.32		
ZZI-MW1C	7/18/2013	6:53	107.37	141.13		
ZZI-MW1C	8/15/2013	12:14	108.66	139.84		
ZZI-MW1C	9/11/2013	15:27	109.81	138.69		
ZZI-MW1C	10/24/2013	12:32	109.86	138.64		
ZZI-MW1C	11/20/2013	7:08	110.66	137.84		
ZZI-MW1C	12/27/2013	8:57	109.95	138.55		
ZZI-MW1D	1/23/2013	8:59	99.39	149.09		
ZZI-MW1D	2/14/2013	8:31	101.15	147.33		
ZZI-MW1D	3/22/2013	10:57	101.79	146.69		
ZZI-MW1D	4/24/2013	7:50	103.57	144.91		
ZZI-MW1D	5/17/2013	6:21	104.50	143.98		
ZZI-MW1D	6/21/2013	6:51	106.15	142.33		
ZZI-MW1D	7/18/2013	6:57	107.39	141.09		
ZZI-MW1D	8/15/2013	12:16	108.65	139.83		
ZZI-MW1D	9/11/2013	15:30	109.85	138.63		
ZZI-MW1D	10/24/2013	12:35	109.85	138.63		
ZZI-MW1D	11/20/2013	7:10	110.66	137.82		
ZZI-MW1D	12/27/2013	9:00	109.91	138.57		
ZZI-MW2A	1/23/2013	9:14	40.13	206.49		
ZZI-MW2A	2/14/2013	10:13	40.08	206.54		
ZZI-MW2A	3/22/2013	11:17	41.00	205.62		
ZZI-MW2A	4/24/2013	8:10	39.77	206.85		
ZZI-MW2A	5/17/2013	6:35	Dry			
ZZI-MW2A	6/21/2013	7:35	Dry			
ZZI-MW2A	7/18/2013	7:28	Dry			
ZZI-MW2A	8/15/2013	12:30	39.33	207.29		
ZZI-MW2A	9/11/2013	16:12	Dry			
ZZI-MW2A	10/24/2013	12:58	Dry			
ZZI-MW2A	11/20/2013	7:30	Dry			
ZZI-MW2A	12/27/2013	9:45	39.80	206.82		
ZZI-MW2B	1/23/2013	9:16	Dry			
ZZI-MW2B	2/14/2013	10:15	Dry			
ZZI-MW2B	3/22/2013	11:19	Dry			
ZZI-MW2B	4/24/2013	8:13	Dry			
ZZI-MW2B	5/17/2013	6:37	Dry			
ZZI-MW2B	6/21/2013	7:39	Dry			
ZZI-MW2B	7/18/2013	7:31	Dry			
ZZI-MW2B	8/15/2013	12:32	Dry			
ZZI-MW2B	9/11/2013	16:15	Dry			
ZZI-MW2B	10/24/2013	13:01	Dry			
ZZI-MW2B	11/20/2013	7:32	Dry			
ZZI-MW2B	12/27/2013	9:35	Dry			
ZZI-MW2C	1/23/2013	9:18	97.58	149.30		
ZZI-MW2C	2/14/2013	10:18	99.14	147.74		
ZZI-MW2C	3/22/2013	11:21	99.20	147.68		
ZZI-MW2C	4/24/2013	8:16	101.98	144.90		
ZZI-MW2C	5/17/2013	6:39	102.94	143.94		
ZZI-MW2C	6/21/2013	7:42	104.63	142.25		
ZZI-MW2C	7/18/2013	7:34	105.90	140.98		
ZZI-MW2C	8/15/2013	12:34	107.19	139.69		
ZZI-MW2C	9/11/2013	16:18	108.20	138.68		
ZZI-MW2C	10/24/2013	13:04	108.59	138.29		
ZZI-MW2C	11/20/2013	7:32	108.15	138.73		
ZZI-MW2C	12/27/2013	9:37	108.37	138.51		
ZZI-MW2D	1/23/2013	9:20	97.45	149.42		
ZZI-MW2D	2/14/2013	10:20	99.22	147.65		
ZZI-MW2D	3/22/2013	11:24	99.19	147.68		
ZZI-MW2D	4/24/2013	8:20	101.91	144.96		
ZZI-MW2D	5/17/2013	6:41	102.89	143.98		
ZZI-MW2D	6/21/2013	7:46	104.57	142.30		
ZZI-MW2D	7/18/2013	7:37	105.98	140.89		
ZZI-MW2D	8/15/2013	12:36	107.16	139.71		
ZZI-MW2D	9/11/2013	16:22	108.14	138.73		
ZZI-MW2D	10/24/2013	13:07	108.55	138.32		
ZZI-MW2D	11/20/2013	7:35	108.19	138.68		
ZZI-MW2D	12/27/2013	9:41	108.33	138.54		
ZZI-MW3A	1/23/2013	9:27	24.39	224.74		
ZZI-MW3A	2/14/2013	9:59	24.76	224.37		
ZZI-MW3A	3/22/2013	9:37	Dry			
ZZI-MW3A	4/24/2013	8:30	24.88	224.25		
ZZI-MW3A	5/17/2013	6:44	Dry			
ZZI-MW3A	6/21/2013	7:58	Dry			
ZZI-MW3A	7/18/2013	7:44	Dry			
ZZI-MW3A	8/15/2013	12:40	24.41	224.72		
ZZI-MW3A	9/11/2013	16:30	Dry			
ZZI-MW3A	10/24/2013	13:13	Dry			
ZZI-MW3A	11/20/2013	7:38	25.95	223.18		
ZZI-MW3A	12/27/2013	10:04	24.68	224.45		
ZZI-MW3AA	1/23/2013	9:25	Dry			
ZZI-MW3AA	2/14/2013	10:03	Dry			
ZZI-MW3AA	3/22/2013	9:40	24.77	224.07		
ZZI-MW3AA	4/24/2013	8:33	Dry			
ZZI-MW3AA	5/17/2013	6:45	Dry			
ZZI-MW3AA	6/21/2013	8:02	24.71	224.13		
ZZI-MW3AA	7/18/2013	7:47	25.16	223.68		
ZZI-MW3AA	8/15/2013	12:42	Dry			
ZZI-MW3AA	9/11/2013	16:33	Dry			
ZZI-MW3AA	10/24/2013	13:17	25.01	223.83		
ZZI-MW3AA	11/20/2013	8:30	Dry			
ZZI-MW3AA	12/27/2013	10:08	Dry			
ZZI-MW3B	1/23/2013	9:23	101.66	147.27		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
ZZI-MW3B	2/14/2013	10:08	102.95	145.98		
ZZI-MW3B	3/22/2013	9:43	102.84	146.09		
ZZI-MW3B	4/24/2013	8:37	104.29	144.64		
ZZI-MW3B	5/17/2013	6:47	106.58	142.35		
ZZI-MW3B	6/21/2013	8:06	108.20	140.73		
ZZI-MW3B	7/18/2013	7:49	108.97	139.96		
ZZI-MW3B	8/15/2013	12:44	110.91	138.02		
ZZI-MW3B	9/11/2013	16:37	111.92	137.01		
ZZI-MW3B	10/24/2013	13:20	110.35	138.58		
ZZI-MW3B	11/20/2013	8:35	112.18	136.75		
ZZI-MW3B	12/27/2013	9:59	112.44	136.49		
ZZI-MW5A	1/23/2013	9:36	Dry			
ZZI-MW5A	2/14/2013	9:01	Dry			
ZZI-MW5A	3/22/2013	7:30	Dry			
ZZI-MW5A	4/24/2013	9:00	Dry			
ZZI-MW5A	5/17/2013	6:48	Dry			
ZZI-MW5A	6/21/2013	8:11	Dry			
ZZI-MW5A	7/18/2013	8:12	Dry			
ZZI-MW5A	8/15/2013	13:00	Dry			
ZZI-MW5A	9/11/2013	17:00	Dry			
ZZI-MW5A	10/24/2013	13:28	Dry			
ZZI-MW5A	11/20/2013	7:58	Dry			
ZZI-MW5A	12/27/2013	10:58	70.94	175.76		
ZZI-MW5B	1/23/2013	9:30	Dry			
ZZI-MW5B	2/14/2013	9:04	Dry			
ZZI-MW5B	3/22/2013	7:34	Dry			
ZZI-MW5B	4/24/2013	9:03	Dry			
ZZI-MW5B	5/17/2013	6:49	Dry			
ZZI-MW5B	6/21/2013	8:38	Dry			
ZZI-MW5B	7/18/2013	8:15	Dry			
ZZI-MW5B	8/15/2013	13:02	Dry			
ZZI-MW5B	9/11/2013	17:04	Dry			
ZZI-MW5B	10/24/2013	13:31	Dry			
ZZI-MW5B	11/20/2013	8:01	Dry			
ZZI-MW5B	12/27/2013	10:48	90.43	157.12		
ZZI-MW5C	1/23/2013	9:32	104.64	142.79		
ZZI-MW5C	2/14/2013	9:09	105.49	141.94		
ZZI-MW5C	3/22/2013	7:37	106.98	140.45		
ZZI-MW5C	4/24/2013	9:07	106.99	140.44		
ZZI-MW5C	5/17/2013	6:51	109.49	137.94		
ZZI-MW5C	6/21/2013	8:39	111.19	136.24		
ZZI-MW5C	7/18/2013	8:18	111.98	135.45		
ZZI-MW5C	8/15/2013	13:04	113.89	133.54		
ZZI-MW5C	9/11/2013	17:09	114.43	133.00		
ZZI-MW5C	10/24/2013	13:33	114.48	132.95		
ZZI-MW5C	11/20/2013	8:04	115.10	132.33		
ZZI-MW5C	12/27/2013	10:50	115.53	131.90		
ZZI-MW5D	1/23/2013	9:34	104.85	142.36		
ZZI-MW5D	2/14/2013	9:13	106.39	140.82		
ZZI-MW5D	3/22/2013	7:40	106.94	140.27		
ZZI-MW5D	4/24/2013	9:10	107.45	139.76		
ZZI-MW5D	5/17/2013	6:53	109.57	137.64		
ZZI-MW5D	6/21/2013	8:42	111.24	135.97		
ZZI-MW5D	7/18/2013	8:21	112.04	135.17		
ZZI-MW5D	8/15/2013	13:06	113.90	133.31		
ZZI-MW5D	9/11/2013	17:14	114.48	132.73		
ZZI-MW5D	10/24/2013	13:37	114.49	132.72		
ZZI-MW5D	11/20/2013	8:07	115.05	132.16		
ZZI-MW5D	12/27/2013	10:52	115.40	131.81		
ZZI-MW6A	1/23/2013	9:37	Dry			
ZZI-MW6A	2/14/2013	9:21	Dry			
ZZI-MW6A	3/22/2013	8:15	Dry			
ZZI-MW6A	4/24/2013	9:16	Dry			
ZZI-MW6A	5/17/2013	6:55	Dry			
ZZI-MW6A	6/21/2013	8:45	Dry			
ZZI-MW6A	7/18/2013	8:30	Dry			
ZZI-MW6A	8/15/2013	13:10	Dry			
ZZI-MW6A	9/11/2013	17:20	Dry			
ZZI-MW6A	10/24/2013	12:42	Dry			
ZZI-MW6A	11/20/2013	8:12	Dry			
ZZI-MW6A	12/27/2013	10:33	Dry			
ZZI-MW6B	1/23/2013	9:39	Dry			
ZZI-MW6B	2/14/2013	9:24	Dry			
ZZI-MW6B	3/22/2013	8:18	Dry			
ZZI-MW6B	4/24/2013	9:19	Dry			
ZZI-MW6B	5/17/2013	6:56	Dry			
ZZI-MW6B	6/21/2013	8:50	Dry			
ZZI-MW6B	7/18/2013	8:33	Dry			
ZZI-MW6B	8/15/2013	13:12	Dry			
ZZI-MW6B	9/11/2013	17:23	Dry			
ZZI-MW6B	10/24/2013	12:45	Dry			
ZZI-MW6B	11/20/2013	8:15	Dry			
ZZI-MW6B	12/27/2013	10:38	Dry			
ZZI-MW6C	1/23/2013	9:40	105.41	143.27		
ZZI-MW6C	2/14/2013	9:29	106.33	142.35		
ZZI-MW6C	3/22/2013	8:21	107.87	140.81		
ZZI-MW6C	4/24/2013	9:22	107.51	141.17		
ZZI-MW6C	5/17/2013	6:57	108.78	139.90		
ZZI-MW6C	6/21/2013	8:55	Dry			
ZZI-MW6C	7/18/2013	8:37	Dry			
ZZI-MW6C	8/15/2013	13:13	Dry			
ZZI-MW6C	9/11/2013	17:25	Dry			
ZZI-MW6C	10/24/2013	12:47	Dry			
ZZI-MW6C	11/20/2013	8:17	Dry			
ZZI-MW6C	12/27/2013	10:40	Dry			
ZZI-MW6D	1/23/2013	9:42	106.98	141.72		
ZZI-MW6D	2/14/2013	9:33	108.54	140.16		
ZZI-MW6D	3/22/2013	8:23	109.42	139.28		
ZZI-MW6D	4/24/2013	9:25	109.42	139.28		
ZZI-MW6D	5/17/2013	6:58	112.12	136.58		
ZZI-MW6D	6/21/2013	8:59	113.91	134.79		
ZZI-MW6D	7/18/2013	8:41	115.40	133.30		
ZZI-MW6D	8/15/2013	13:15	116.93	131.77		
ZZI-MW6D	9/11/2013	17:28	117.09	131.61		
ZZI-MW6D	10/24/2013	14:12	117.72	130.98		
ZZI-MW6D	11/20/2013	8:20	117.17	131.53		
ZZI-MW6D	12/27/2013	10:43	117.83	130.87		
ZZI-MW7A	1/23/2013	9:50	Dry			
ZZI-MW7A	2/14/2013	9:40	Dry			
ZZI-MW7A	3/22/2013	8:57	Dry			
ZZI-MW7A	4/24/2013	8:45	Dry			
ZZI-MW7A	5/17/2013	6:10	Dry			
ZZI-MW7A	6/21/2013	8:15	Dry			

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
ZZI-MW7A	7/18/2013	7:55	Dry			
ZZI-MW7A	8/15/2013	12:48	Dry			
ZZI-MW7A	9/11/2013	16:44	Dry			
ZZI-MW7A	10/24/2013	13:45	Dry			
ZZI-MW7A	11/20/2013	7:17	Dry			
ZZI-MW7A	12/27/2013	10:26	Dry			
ZZI-MW7B	1/23/2013	9:52	101.30	145.17		
ZZI-MW7B	2/14/2013	9:43	101.94	144.53		
ZZI-MW7B	3/22/2013	9:00	102.94	143.53		
ZZI-MW7B	4/24/2013	8:48	103.46	143.01		
ZZI-MW7B	5/17/2013	6:12	105.22	141.25		
ZZI-MW7B	6/21/2013	8:22	106.66	139.81		
ZZI-MW7B	7/18/2013	7:58	108.12	138.35		
ZZI-MW7B	8/15/2013	12:50	109.51	136.96		
ZZI-MW7B	9/11/2013	16:47	109.55	136.92		
ZZI-MW7B	10/24/2013	13:48	110.52	135.95		
ZZI-MW7B	11/20/2013	7:20	111.33	135.14		
ZZI-MW7B	12/27/2013	10:16	111.46	135.01		
ZZI-MW7C	1/23/2013	9:54	101.38	145.12		
ZZI-MW7C	2/14/2013	9:46	102.23	144.27		
ZZI-MW7C	3/22/2013	9:03	103.39	143.11		
ZZI-MW7C	4/24/2013	8:51	103.91	142.59		
ZZI-MW7C	5/17/2013	6:13	105.80	140.70		
ZZI-MW7C	6/21/2013	8:26	107.45	139.05		
ZZI-MW7C	7/18/2013	8:02	108.90	137.60		
ZZI-MW7C	8/15/2013	12:52	110.26	136.24		
ZZI-MW7C	9/11/2013	16:50	109.90	136.60		
ZZI-MW7C	10/24/2013	13:51	110.48	136.02		
ZZI-MW7C	11/20/2013	7:25	111.56	134.94		
ZZI-MW7C	12/27/2013	10:18	111.88	134.62		
ZZI-MW7D	1/23/2013	9:56	101.41	145.11		
ZZI-MW7D	2/14/2013	9:51	102.32	144.20		
ZZI-MW7D	3/22/2013	9:05	103.45	143.07		
ZZI-MW7D	4/24/2013	8:54	103.95	142.57		
ZZI-MW7D	5/17/2013	6:14	105.84	140.68		
ZZI-MW7D	6/21/2013	8:30	107.54	138.98		
ZZI-MW7D	7/18/2013	8:05	108.96	137.56		
ZZI-MW7D	8/15/2013	12:54	110.30	136.22		
ZZI-MW7D	9/11/2013	16:52	109.87	136.65		
ZZI-MW7D	10/24/2013	13:37	110.51	136.01		
ZZI-MW7D	11/20/2013	7:26	111.60	134.92		
ZZI-MW7D	12/27/2013	10:21	111.92	134.60		
ZZI-MW9A	1/23/2013	10:30	Dry			
ZZI-MW9A	2/14/2013	8:42	Dry			
ZZI-MW9A	3/22/2013	10:15	Dry			
ZZI-MW9A	4/24/2013	8:05	Dry			
ZZI-MW9A	5/17/2013	6:25	Dry			
ZZI-MW9A	6/21/2013	7:05	Dry			
ZZI-MW9A	7/18/2013	7:10	Dry			
ZZI-MW9A	8/15/2013	12:20	Dry			
ZZI-MW9A	9/11/2013	15:51	Dry			
ZZI-MW9A	10/24/2013	14:05	Dry			
ZZI-MW9A	11/20/2013	7:42	Dry			
ZZI-MW9A	12/27/2013	9:21	68.38	177.81		
ZZI-MW9B	1/23/2013	10:15	Dry			
ZZI-MW9B	2/14/2013	8:45	Dry			
ZZI-MW9B	3/22/2013	10:20	Dry			
ZZI-MW9B	4/24/2013	7:55	Dry			
ZZI-MW9B	5/17/2013	6:27	Dry			
ZZI-MW9B	6/21/2013	7:11	Dry			
ZZI-MW9B	7/18/2013	7:14	Dry			
ZZI-MW9B	8/15/2013	12:22	Dry			
ZZI-MW9B	9/11/2013	15:54	Dry			
ZZI-MW9B	10/24/2013	14:07	Dry			
ZZI-MW9B	11/20/2013	7:45	Dry			
ZZI-MW9B	12/27/2013	9:13	Dry			
ZZI-MW9C	1/23/2013	10:18	94.51	151.61		
ZZI-MW9C	2/14/2013	8:48	96.58	149.54		
ZZI-MW9C	3/22/2013	10:22	97.62	148.50		
ZZI-MW9C	4/24/2013	7:58	99.71	146.41		
ZZI-MW9C	5/17/2013	6:29	100.64	145.48		
ZZI-MW9C	6/21/2013	7:15	102.54	143.58		
ZZI-MW9C	7/18/2013	7:17	104.88	141.24		
ZZI-MW9C	8/15/2013	12:24	105.61	140.51		
ZZI-MW9C	9/11/2013	15:57	106.89	139.23		
ZZI-MW9C	10/24/2013	14:09	106.89	139.23		
ZZI-MW9C	11/20/2013	7:47	105.65	140.47		
ZZI-MW9C	12/27/2013	9:16	105.84	140.28		
ZZI-MW9D	1/23/2013	10:21	94.54	151.44		
ZZI-MW9D	2/14/2013	8:52	96.88	149.10		
ZZI-MW9D	3/22/2013	10:24	97.84	148.14		
ZZI-MW9D	4/24/2013	8:01	99.98	146.00		
ZZI-MW9D	5/17/2013	6:31	100.84	145.14		
ZZI-MW9D	6/21/2013	7:20	101.74	144.24		
ZZI-MW9D	7/18/2013	7:22	104.37	141.61		
ZZI-MW9D	8/15/2013	12:25	105.63	140.35		
ZZI-MW9D	9/11/2013	16:00	106.46	139.52		
ZZI-MW9D	10/24/2013	14:12	106.41	139.57		
ZZI-MW9D	11/20/2013	7:50	105.63	140.35		
ZZI-MW9D	12/27/2013	9:18	105.96	140.02		
HOL-MW1	1/23/2013	14:10	116.43	99.43		
HOL-MW1	2/13/2013	12:18	117.25	98.61		
HOL-MW1	3/21/2013	10:45	117.96	97.90		
HOL-MW1	4/24/2013	12:40	119.60	96.26		
HOL-MW1	5/16/2013	11:40	120.72	95.14		
HOL-MW1	6/20/2013	11:57	122.58	93.28		
HOL-MW1	7/18/2013	12:15	124.26	91.60		
HOL-MW1	8/14/2013	16:04	125.40	90.46		
HOL-MW1	9/11/2013	7:00	126.57	89.29		
HOL-MW1	10/24/2013	15:42	127.57	88.29		
HOL-MW1	11/21/2013	9:05	126.54	89.32		
HOL-MW1	12/27/2013	7:08	126.61	89.25		
HOL-MW2	1/23/2013	14:20	115.71	98.98		
HOL-MW2	2/13/2013	12:24	116.46	98.23		
HOL-MW2	3/21/2013	11:31	117.53	97.16		
HOL-MW2	4/24/2013	12:35	118.65	96.04		
HOL-MW2	5/16/2013	11:48	118.64	96.05		
HOL-MW2	6/20/2013	12:05	119.75	94.94		
HOL-MW2	7/18/2013	12:22	122.45	92.24		
HOL-MW2	8/14/2013	16:09	124.32	90.37		
HOL-MW2	9/11/2013	7:12	125.63	89.06		
HOL-MW2	10/24/2013	15:50	130.44	84.25		
HOL-MW2	11/21/2013	9:09	126.16	88.53		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
HOL-MW2	12/27/2013	7:16	127.06	87.63		
HOL-MW3	1/23/2013	14:30	115.28	98.41		
HOL-MW3	2/13/2013	12:31	116.03	97.66		
HOL-MW3	3/21/2013	12:09	117.35	96.34		
HOL-MW3	4/24/2013	13:05	118.32	95.37		
HOL-MW3	5/16/2013	11:57	119.79	93.90		
HOL-MW3	6/20/2013	12:10	122.25	91.44		
HOL-MW3	7/18/2013	12:29	125.17	88.52		
HOL-MW3	8/14/2013	16:15	126.80	86.89		
HOL-MW3	9/11/2013	7:20	127.38	86.31		
HOL-MW3	10/24/2013	15:59	127.39	86.30		
HOL-MW3	11/21/2013	9:08	128.13	85.56		
HOL-MW3	12/27/2013	7:25	128.61	85.08		
HYN-MW3	1/24/2013	7:05	129.80	146.95		
HYN-MW3	2/14/2013	7:10	130.95	145.80		
HYN-MW3	3/21/2013	9:13	132.42	144.33		
HYN-MW3	4/24/2013	6:55	133.07	143.68		
HYN-MW3	5/16/2013	7:05	Dry			
HYN-MW3	6/20/2013	6:35	135.66	141.09		
HYN-MW3	7/18/2013	15:36	136.68	140.07		
HYN-MW3	8/14/2013	16:10	Dry			
HYN-MW3	9/11/2013	13:02	Dry			
HYN-MW3	10/25/2013	6:40	Dry			
HYN-MW3	11/21/2013	7:48	Dry			
HYN-MW3	12/27/2013	10:52	Dry			
HYN-MW4	1/24/2013	6:58	129.20	150.63		
HYN-MW4	2/14/2013	7:24	130.38	149.45		
HYN-MW4	3/21/2013	9:52	131.05	148.78		
HYN-MW4	4/24/2013	7:16	132.92	146.91		
HYN-MW4	5/16/2013	7:14	135.51	144.32		
HYN-MW4	6/20/2013	6:47	136.04	143.79		
HYN-MW4	7/18/2013	15:50	Dry			
HYN-MW4	8/14/2013	16:05	Dry			
HYN-MW4	9/11/2013	13:18	Dry			
HYN-MW4	10/25/2013	6:45	Dry			
HYN-MW4	11/21/2013	7:35	Dry			
HYN-MW4	12/27/2013	10:40	Dry			
HYN-MW5	1/24/2013	6:50	127.69	154.67		
HYN-MW5	2/14/2013	7:38	128.21	154.15		
HYN-MW5	3/21/2013	8:09	129.11	153.25		
HYN-MW5	4/24/2013	7:05	131.42	150.94		
HYN-MW5	5/16/2013	7:19	131.96	150.40		
HYN-MW5	6/20/2013	6:55	134.45	147.91		
HYN-MW5	7/18/2013	16:08	135.89	146.47		
HYN-MW5	8/14/2013	16:16	Dry			
HYN-MW5	9/11/2013	13:10	Dry			
HYN-MW5	10/25/2013	6:51	Dry			
HYN-MW5	11/21/2013	7:41	Dry			
HYN-MW5	12/27/2013	11:03	Dry			
JAD-MW1	1/23/2013	16:18	54.71	215.07		
JAD-MW1	2/13/2013	13:40	55.66	214.12		
JAD-MW1	3/21/2013	10:28	56.83	212.95		
JAD-MW1	4/24/2013	14:10	56.98	212.80		
JAD-MW1	5/16/2013	11:00	52.78	217.00		
JAD-MW1	6/20/2013	8:12	59.85	209.93		
JAD-MW1	7/18/2013	13:30	60.38	209.40		
JAD-MW1	8/14/2013	9:30	62.50	207.28		
JAD-MW1	9/11/2013	8:45	63.55	206.23		
JAD-MW1	10/25/2013	7:53	64.53	205.25		
JAD-MW1	11/21/2013	16:40	64.88	204.90		
JAD-MW1	12/27/2013	8:30	65.24	204.54		
JAD-MW2	1/23/2013	15:25	60.73	212.44		
JAD-MW2	2/13/2013	13:44	61.31	211.86		
JAD-MW2	3/21/2013	10:58	62.72	210.45		
JAD-MW2	4/24/2013	14:22	63.72	209.45		
JAD-MW2	5/16/2013	11:05	64.55	208.62		
JAD-MW2	6/20/2013	8:15	66.67	206.50		
JAD-MW2	7/18/2013	13:38	68.77	204.40		
JAD-MW2	8/14/2013	9:35	71.21	201.96		
JAD-MW2	9/11/2013	8:52	Dry			
JAD-MW2	10/25/2013	7:39	Dry			
JAD-MW2	11/21/2013	16:35	72.58	200.59		
JAD-MW2	12/27/2013	8:38	Dry			
JAD-MW3	1/23/2013	16:11	45.01	223.75		
JAD-MW3	2/13/2013	13:35	46.18	222.58		
JAD-MW3	3/21/2013	14:12	47.83	220.93		
JAD-MW3	4/24/2013	15:05	48.01	220.75		
JAD-MW3	5/16/2013	10:55	48.16	220.60		
JAD-MW3	6/20/2013	8:54	50.40	218.36		
JAD-MW3	7/18/2013	14:30	51.39	217.37		
JAD-MW3	8/14/2013	10:00	53.97	214.79		
JAD-MW3	9/11/2013	9:42	54.75	214.01		
JAD-MW3	10/25/2013	8:32	55.66	213.10		
JAD-MW3	11/21/2013	16:45	56.03	212.73		
JAD-MW3	12/27/2013	9:35	56.92	211.84		
JAD-MW4s	1/23/2013	16:00	53.31	210.21	-0.06	-0.00
JAD-MW4s	2/13/2013	14:22	53.82	209.70	0.09	0.01
JAD-MW4s	3/21/2013	13:30	53.94	209.58	0.03	0.00
JAD-MW4s	4/24/2013	14:54	54.38	209.14	0.06	0.00
JAD-MW4s	5/16/2013	11:27	55.32	208.20	0.06	0.00
JAD-MW4s	6/20/2013	8:46	57.25	206.27	0.09	0.01
JAD-MW4s	7/18/2013	14:18	59.02	204.50	0.13	0.01
JAD-MW4s	8/14/2013	9:55	59.01	204.51	-0.08	-0.01
JAD-MW4s	9/11/2013	9:33	59.45	204.07	0.03	0.00
JAD-MW4s	10/25/2013	8:20	60.50	203.02	0.09	0.01
JAD-MW4s	11/21/2013	16:52	61.28	202.24	-0.01	-0.00
JAD-MW4s	12/27/2013	9:18	62.08	201.44	0.02	0.00
JAD-MW4d	1/23/2013	16:03	53.11	210.27		
JAD-MW4d	2/13/2013	14:26	53.77	209.61		
JAD-MW4d	3/21/2013	13:33	53.83	209.55		
JAD-MW4d	4/24/2013	14:57	54.30	209.08		
JAD-MW4d	5/16/2013	11:29	55.24	208.14		
JAD-MW4d	6/20/2013	8:49	57.20	206.18		
JAD-MW4d	7/18/2013	14:21	59.01	204.37		
JAD-MW4d	8/14/2013	9:58	58.79	204.59		
JAD-MW4d	9/11/2013	9:36	59.34	204.04		
JAD-MW4d	10/25/2013	8:25	60.45	202.93		
JAD-MW4d	11/21/2013	16:54	61.13	202.25		
JAD-MW4d	12/27/2013	9:22	61.96	201.42		
JAD-MW5s	1/23/2013	15:45	60.00	207.68		
JAD-MW5s	2/13/2013	14:13	60.40	207.28		
JAD-MW5s	3/21/2013	13:00	61.68	206.00		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
JAD-MW5s	4/24/2013	14:45	62.24	205.44		
JAD-MW5s	5/16/2013	11:22	62.86	204.82		
JAD-MW5s	6/20/2013	8:38	63.97	203.71		
JAD-MW5s	7/18/2013	13:54	64.89	202.79		
JAD-MW5s	8/14/2013	9:40	65.70	201.98		
JAD-MW5s	9/11/2013	9:22	66.37	201.31		
JAD-MW5s	10/25/2013	8:09	67.13	200.55		
JAD-MW5s	11/21/2013	16:59	Dry			
JAD-MW5s	12/27/2013	9:06	68.17	199.51		
JAD-MW5d	1/23/2013	15:48	Dry			
JAD-MW5d	2/13/2013	14:16	Dry			
JAD-MW5d	3/21/2013	13:05	Dry			
JAD-MW5d	4/24/2013	14:48	Dry			
JAD-MW5d	5/16/2013	11:24	Dry			
JAD-MW5d	6/20/2013	8:41	Dry			
JAD-MW5d	7/18/2013	13:57	Dry			
JAD-MW5d	8/14/2013	9:42	Dry			
JAD-MW5d	9/11/2013	9:24	Dry			
JAD-MW5d	10/25/2013	8:13	Dry			
JAD-MW5d	11/21/2013	17:01	67.53	200.04		
JAD-MW5d	12/27/2013	9:08				
JAD-MW6s	1/23/2013	15:35	60.49	210.45	0.52	0.02
JAD-MW6s	2/13/2013	14:05	60.84	210.10	0.57	0.02
JAD-MW6s	3/21/2013	12:15	61.54	209.40	1.16	0.05
JAD-MW6s	4/24/2013	14:37	62.47	208.47	1.35	0.06
JAD-MW6s	5/16/2013	11:17	63.43	207.51	1.32	0.06
JAD-MW6s	6/20/2013	8:27	64.99	205.95	1.41	0.06
JAD-MW6s	7/18/2013	14:05	67.01	203.93	0.12	0.01
JAD-MW6s	8/14/2013	9:45	66.10	204.84	1.00	0.04
JAD-MW6s	9/11/2013	9:12	66.24	204.70	1.03	0.04
JAD-MW6s	10/25/2013	7:54	67.51	203.43	0.03	0.00
JAD-MW6s	11/21/2013	17:07	67.29	203.65	0.95	0.04
JAD-MW6s	12/27/2013	8:55	68.38	202.56	0.85	0.04
JAD-MW6d	1/23/2013	15:38	60.95	209.93		
JAD-MW6d	2/13/2013	14:08	61.35	209.53		
JAD-MW6d	3/21/2013	12:20	62.64	208.24		
JAD-MW6d	4/24/2013	14:40	63.76	207.12		
JAD-MW6d	5/16/2013	11:19	64.69	206.19		
JAD-MW6d	6/20/2013	8:30	66.34	204.54		
JAD-MW6d	7/18/2013	14:10	67.07	203.81		
JAD-MW6d	8/14/2013	9:48	67.04	203.84		
JAD-MW6d	9/11/2013	9:15	67.21	203.67		
JAD-MW6d	10/25/2013	7:57	67.48	203.40		
JAD-MW6d	11/21/2013	17:09	68.18	202.70		
JAD-MW6d	12/27/2013	8:57	69.17	201.71		
JAD-MW7s	1/23/2013	15:30	61.73	210.99	0.49	0.03
JAD-MW7s	2/13/2013	13:52	62.53	210.19	0.42	0.02
JAD-MW7s	3/21/2013	11:33	64.14	208.58	0.40	0.02
JAD-MW7s	4/24/2013	14:30	65.74	206.98	0.36	0.02
JAD-MW7s	5/16/2013	11:10	67.11	205.61	0.33	0.02
JAD-MW7s	6/20/2013	8:20	Dry			
JAD-MW7s	7/18/2013	13:45	Dry			
JAD-MW7s	8/14/2013	10:02	Dry			
JAD-MW7s	9/11/2013	9:00	Dry			
JAD-MW7s	10/25/2013	7:44	Dry			
JAD-MW7s	11/21/2013	17:15	Dry			
JAD-MW7s	12/27/2013	8:45	Dry			
JAD-MW7d	1/23/2013	15:32	62.01	210.50		
JAD-MW7d	2/13/2013	13:56	62.74	209.77		
JAD-MW7d	3/21/2013	11:36	64.33	208.18		
JAD-MW7d	4/24/2013	14:33	65.89	206.62		
JAD-MW7d	5/16/2013	11:12	67.23	205.28		
JAD-MW7d	6/20/2013	8:23	69.43	203.08		
JAD-MW7d	7/18/2013	13:48	69.88	202.63		
JAD-MW7d	8/14/2013	10:04	70.33	202.18		
JAD-MW7d	9/11/2013	9:04	70.70	201.81		
JAD-MW7d	10/25/2013	7:47	71.21	201.30		
JAD-MW7d	11/21/2013	17:17	71.92	200.59		
JAD-MW7d	12/27/2013	8:48	72.76	199.75		
LON-MW1A	1/23/2013	11:42	Dry			
LON-MW1A	2/13/2013	10:30	Dry			
LON-MW1A	3/20/2013	11:55	Dry			
LON-MW1A	4/24/2013	9:35	Dry			
LON-MW1A	5/15/2013	14:15	Dry			
LON-MW1A	6/20/2013	14:05	Dry			
LON-MW1A	7/18/2013	9:05	Dry			
LON-MW1A	8/15/2013	8:50	Dry			
LON-MW1A	9/12/2013	10:48	Dry			
LON-MW1A	10/24/2013	10:30	Dry			
LON-MW1A	11/20/2013	7:20	Dry			
LON-MW1A	12/27/2013	11:51	Dry			
LON-MW1B	1/23/2013	11:44	94.62	124.92		
LON-MW1B	2/13/2013	10:34	95.61	123.93		
LON-MW1B	3/20/2013	11:48	95.88	123.66		
LON-MW1B	4/24/2013	9:38	96.48	123.06		
LON-MW1B	5/15/2013	14:18	97.00	122.54		
LON-MW1B	6/20/2013	14:10	98.35	121.19		
LON-MW1B	7/18/2013	9:07	99.81	119.73		
LON-MW1B	8/15/2013	8:52	101.56	117.98		
LON-MW1B	9/12/2013	10:52	102.18	117.36		
LON-MW1B	10/24/2013	10:34	102.55	116.99		
LON-MW1B	11/20/2013	7:24	102.65	116.89		
LON-MW1B	12/27/2013	11:55	102.56	116.98		
LON-MW1C	1/23/2013	11:46	94.84	124.52		
LON-MW1C	2/13/2013	10:37	95.75	123.61		
LON-MW1C	3/20/2013	11:52	96.21	123.15		
LON-MW1C	4/24/2013	9:41	96.79	122.57		
LON-MW1C	5/15/2013	14:20	97.38	121.98		
LON-MW1C	6/20/2013	14:16	98.72	120.64		
LON-MW1C	7/18/2013	9:10	100.18	119.18		
LON-MW1C	8/15/2013	8:55	101.56	117.80		
LON-MW1C	9/12/2013	10:56	102.25	117.11		
LON-MW1C	10/24/2013	10:38	102.77	116.59		
LON-MW1C	11/20/2013	7:28	102.61	116.75		
LON-MW1C	12/27/2013	11:58	102.41	116.95		
LON-MW2A	1/23/2013	12:05	Dry			
LON-MW2A	2/13/2013	9:59	Dry			
LON-MW2A	3/20/2013	12:20	Dry			
LON-MW2A	4/24/2013	9:45	Dry			
LON-MW2A	5/15/2013	14:21	Dry			
LON-MW2A	6/20/2013	14:25	Dry			
LON-MW2A	7/18/2013	9:15	Dry			
LON-MW2A	8/15/2013	9:00	Dry			

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
LON-MW2A	9/12/2013	11:05	Dry			
LON-MW2A	10/24/2013	10:45	Dry			
LON-MW2A	11/20/2013	7:34	Dry			
LON-MW2A	12/27/2013	11:31	Dry			
LON-MW2B	1/23/2013	12:08	94.61	124.29		
LON-MW2B	2/13/2013	10:03	95.51	123.39		
LON-MW2B	3/20/2013	12:23	96.07	122.83		
LON-MW2B	4/24/2013	9:48	96.41	122.49		
LON-MW2B	5/15/2013	14:24	96.92	121.98		
LON-MW2B	6/20/2013	14:29	98.28	120.62		
LON-MW2B	7/18/2013	9:18	99.67	119.23		
LON-MW2B	8/15/2013	9:03	101.25	117.65		
LON-MW2B	9/12/2013	11:08	101.69	117.21		
LON-MW2B	10/24/2013	10:49	102.85	116.05		
LON-MW2B	11/20/2013	7:38	102.45	116.45		
LON-MW2B	12/27/2013	11:25	102.11	116.79		
LON-MW2C	1/23/2013	12:10	94.71	124.02		
LON-MW2C	2/13/2013	10:08	95.55	123.18		
LON-MW2C	3/20/2013	12:25	96.09	122.64		
LON-MW2C	4/24/2013	9:51	96.51	122.22		
LON-MW2C	5/15/2013	14:25	97.21	121.52		
LON-MW2C	6/20/2013	14:31	98.43	120.30		
LON-MW2C	7/18/2013	9:21	99.88	118.85		
LON-MW2C	8/15/2013	9:05	101.18	117.55		
LON-MW2C	9/12/2013	11:12	101.79	116.94		
LON-MW2C	10/24/2013	10:51	102.99	115.74		
LON-MW2C	11/20/2013	7:41	102.20	116.53		
LON-MW2C	12/27/2013	11:28	101.94	116.79		
LON-MW3A	1/23/2013	11:55	Dry			
LON-MW3A	2/13/2013	10:15	Dry			
LON-MW3A	3/20/2013	12:50	Dry			
LON-MW3A	4/24/2013	9:55	Dry			
LON-MW3A	5/15/2013	14:24	Dry			
LON-MW3A	6/20/2013	14:45	Dry			
LON-MW3A	7/18/2013	9:28	Dry			
LON-MW3A	8/15/2013	9:10	Dry			
LON-MW3A	9/12/2013	11:19	Dry			
LON-MW3A	10/24/2013	10:58	Dry			
LON-MW3A	11/20/2013	7:46	Dry			
LON-MW3A	12/27/2013	11:46	Dry			
LON-MW3B	1/23/2013	11:58	95.44	123.52		
LON-MW3B	2/13/2013	10:18	96.47	122.49		
LON-MW3B	3/20/2013	12:54	96.86	122.10		
LON-MW3B	4/24/2013	9:58	96.98	121.98		
LON-MW3B	5/15/2013	14:27	97.48	121.48		
LON-MW3B	6/20/2013	14:49	98.70	120.26		
LON-MW3B	7/18/2013	9:31	99.96	119.00		
LON-MW3B	8/15/2013	9:14	102.20	116.76		
LON-MW3B	9/12/2013	11:22	102.51	116.45		
LON-MW3B	10/24/2013	11:02	103.17	115.79		
LON-MW3B	11/20/2013	7:50	103.18	115.78		
LON-MW3B	12/27/2013	11:41	102.87	116.09		
LON-MW3C	1/23/2013	12:00	95.18	123.47		
LON-MW3C	2/13/2013	10:24	96.31	122.34		
LON-MW3C	3/20/2013	12:56	96.71	121.94		
LON-MW3C	4/24/2013	10:01	96.87	121.78		
LON-MW3C	5/15/2013	14:28	97.48	121.17		
LON-MW3C	6/20/2013	14:53	98.79	119.86		
LON-MW3C	7/18/2013	9:34	100.02	118.63		
LON-MW3C	8/15/2013	9:16	101.90	116.75		
LON-MW3C	9/12/2013	11:25	102.60	116.05		
LON-MW3C	10/24/2013	11:07	103.26	115.39		
LON-MW3C	11/20/2013	7:53	102.90	115.75		
LON-MW3C	12/27/2013	11:44	102.55	116.10		
LON-MW4A	1/23/2013	11:16	Dry			
LON-MW4A	2/13/2013	9:10	Dry			
LON-MW4A	3/20/2013	14:15	Dry			
LON-MW4A	4/24/2013	10:20	Dry			
LON-MW4A	5/15/2013	14:35	Dry			
LON-MW4A	6/20/2013	15:22	Dry			
LON-MW4A	7/18/2013	9:54	Dry			
LON-MW4A	8/15/2013	9:22	Dry			
LON-MW4A	9/12/2013	12:09	Dry			
LON-MW4A	10/24/2013	11:30	Dry			
LON-MW4A	11/20/2013	8:16	Dry			
LON-MW4A	12/27/2013	12:34	Dry			
LON-MW4B	1/23/2013	11:18	95.30	126.27		
LON-MW4B	2/13/2013	9:14	95.61	125.96		
LON-MW4B	3/20/2013	14:19	96.65	124.92		
LON-MW4B	4/24/2013	10:23	96.91	124.66		
LON-MW4B	5/15/2013	14:36	98.20	123.37		
LON-MW4B	6/20/2013	15:27	99.87	121.70		
LON-MW4B	7/18/2013	9:57	101.52	120.05		
LON-MW4B	8/15/2013	9:24	103.04	118.53		
LON-MW4B	9/12/2013	12:14	103.78	117.79		
LON-MW4B	10/24/2013	11:34	102.79	118.78		
LON-MW4B	11/20/2013	8:19	104.51	117.06		
LON-MW4B	12/27/2013	12:24	104.11	117.46		
LON-MW4C	1/23/2013	11:20	95.66	125.74		
LON-MW4C	2/13/2013	9:18	96.45	124.95		
LON-MW4C	3/20/2013	14:21	96.88	124.52		
LON-MW4C	4/24/2013	10:25	97.81	123.59		
LON-MW4C	5/15/2013	14:36	98.51	122.89		
LON-MW4C	6/20/2013	16:00	99.97	121.43		
LON-MW4C	7/18/2013	9:59	101.56	119.84		
LON-MW4C	8/15/2013	9:27	103.00	118.40		
LON-MW4C	9/12/2013	12:18	103.81	117.59		
LON-MW4C	10/24/2013	11:37	102.84	118.56		
LON-MW4C	11/20/2013	8:22	104.37	117.03		
LON-MW4C	12/27/2013	12:27	103.89	117.51		
LON-MW4D	1/23/2013	11:22	95.66	125.53		
LON-MW4D	2/13/2013	9:22	96.33	124.86		
LON-MW4D	3/20/2013	14:24	96.88	124.31		
LON-MW4D	4/24/2013	10:28	97.77	123.42		
LON-MW4D	5/15/2013	14:38	98.51	122.68		
LON-MW4D	6/20/2013	16:05	99.95	121.24		
LON-MW4D	7/18/2013	10:03	101.56	119.63		
LON-MW4D	8/15/2013	9:30	102.81	118.38		
LON-MW4D	9/12/2013	12:22	103.58	117.61		
LON-MW4D	10/24/2013	11:40	102.84	118.35		
LON-MW4D	11/20/2013	8:26	104.17	117.02		
LON-MW4D	12/27/2013	12:30	103.68	117.51		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
LON-MW5A	1/23/2013	11:32	Dry			
LON-MW5A	2/13/2013	8:53	Dry			
LON-MW5A	3/20/2013	14:50	Dry			
LON-MW5A	4/24/2013	10:33	Dry			
LON-MW5A	5/15/2013	14:55	Dry			
LON-MW5A	6/20/2013	16:17	Dry			
LON-MW5A	7/18/2013	10:10	Dry			
LON-MW5A	8/15/2013	9:36	Dry			
LON-MW5A	9/12/2013	12:32	Dry			
LON-MW5A	10/24/2013	11:51	Dry			
LON-MW5A	11/20/2013	8:32	Dry			
LON-MW5A	12/27/2013	12:43	Dry			
LON-MW5B	1/23/2013	11:34	100.66	121.70		
LON-MW5B	2/13/2013	8:56	101.51	120.85		
LON-MW5B	3/20/2013	14:52	102.34	120.02		
LON-MW5B	4/24/2013	10:36	103.63	118.73		
LON-MW5B	5/15/2013	14:57	104.62	117.74		
LON-MW5B	6/20/2013	16:20	106.85	115.51		
LON-MW5B	7/18/2013	10:12	108.15	114.21		
LON-MW5B	8/15/2013	9:40	Dry			
LON-MW5B	9/12/2013	12:35	Dry			
LON-MW5B	10/24/2013	11:53	111.05	111.31		
LON-MW5B	11/20/2013	8:36	Dry			
LON-MW5B	12/27/2013	12:47	Dry			
LON-MW5C	1/23/2013	11:36	100.84	121.24		
LON-MW5C	2/13/2013	8:59	101.10	120.98		
LON-MW5C	3/20/2013	14:54	102.58	119.50		
LON-MW5C	4/24/2013	10:39	104.06	118.02		
LON-MW5C	5/15/2013	14:52	105.01	117.07		
LON-MW5C	6/20/2013	16:24	107.24	114.84		
LON-MW5C	7/18/2013	10:15	108.38	113.70		
LON-MW5C	8/15/2013	9:42	110.34	111.74		
LON-MW5C	9/12/2013	12:40	110.83	111.25		
LON-MW5C	10/24/2013	11:57	111.27	110.81		
LON-MW5C	11/20/2013	8:40	110.84	111.24		
LON-MW5C	12/27/2013	12:49	109.96	112.12		
LON-MW6A	1/23/2013	14:26	Dry			
LON-MW6A	2/13/2013	8:40	Dry			
LON-MW6A	3/20/2013	15:15	Dry			
LON-MW6A	4/24/2013	10:42	Dry			
LON-MW6A	5/15/2013	14:48	Dry			
LON-MW6A	6/20/2013	16:32	Dry			
LON-MW6A	7/18/2013	10:20	Dry			
LON-MW6A	8/15/2013	9:50	Dry			
LON-MW6A	9/12/2013	12:54	Dry			
LON-MW6A	10/24/2013	12:05	Dry			
LON-MW6A	11/20/2013	8:48	Dry			
LON-MW6A	12/27/2013	12:58	Dry			
LON-MW6B	1/23/2013	14:28	103.91	119.75		
LON-MW6B	2/13/2013	8:44	105.31	118.35		
LON-MW6B	3/20/2013	15:18	106.05	117.61		
LON-MW6B	4/24/2013	10:45	107.76	115.90		
LON-MW6B	5/15/2013	14:49	108.96	114.70		
LON-MW6B	6/20/2013	16:37	Dry			
LON-MW6B	7/18/2013	10:22	Dry			
LON-MW6B	8/15/2013	9:52	Dry			
LON-MW6B	9/12/2013	12:58	Dry			
LON-MW6B	10/24/2013	12:08	Dry			
LON-MW6B	11/20/2013	8:51	Dry			
LON-MW6B	12/27/2013	12:52	110.49	113.17		
LON-MW6C	1/23/2013	14:30	103.71	119.77		
LON-MW6C	2/13/2013	8:47	105.38	118.10		
LON-MW6C	3/20/2013	15:20	105.88	117.60		
LON-MW6C	4/24/2013	10:48	107.57	115.91		
LON-MW6C	5/15/2013	14:51	108.55	114.93		
LON-MW6C	6/20/2013	16:40	110.14	113.34		
LON-MW6C	7/18/2013	10:25	111.70	111.78		
LON-MW6C	8/15/2013	9:54	113.47	110.01		
LON-MW6C	9/12/2013	13:03	114.63	108.85		
LON-MW6C	10/24/2013	12:11	114.99	108.49		
LON-MW6C	11/20/2013	8:54	114.35	109.13		
LON-MW6C	12/27/2013	12:54	113.62	109.86		
LON-MW7A	1/23/2013	11:00	Dry			
LON-MW7A	2/13/2013	9:37	Dry			
LON-MW7A	3/20/2013	13:35	Dry			
LON-MW7A	4/24/2013	10:05	Dry			
LON-MW7A	5/15/2013	14:50	Dry			
LON-MW7A	6/20/2013	15:02	Dry			
LON-MW7A	7/18/2013	9:40	Dry			
LON-MW7A	8/15/2013	10:00	Dry			
LON-MW7A	9/12/2013	11:40	Dry			
LON-MW7A	10/24/2013	11:14	Dry			
LON-MW7A	11/20/2013	8:00	49.27	171.26		
LON-MW7A	12/27/2013	12:15	49.50	171.03		
LON-MW7B	1/23/2013	11:02	Dry			
LON-MW7B	2/13/2013	9:40	Dry			
LON-MW7B	3/20/2013	13:38	Dry			
LON-MW7B	4/24/2013	10:08	Dry			
LON-MW7B	5/15/2013	14:52	Dry			
LON-MW7B	6/20/2013	15:08	Dry			
LON-MW7B	7/18/2013	9:43	Dry			
LON-MW7B	8/15/2013	10:05	Dry			
LON-MW7B	9/12/2013	11:43	Dry			
LON-MW7B	10/24/2013	11:17	Dry			
LON-MW7B	11/20/2013	8:04	Dry			
LON-MW7B	12/27/2013	12:09	78.48	142.22		
LON-MW7C	1/23/2013	11:04	95.41	125.12		
LON-MW7C	2/13/2013	9:44	96.86	123.67		
LON-MW7C	3/20/2013	13:41	96.43	124.10		
LON-MW7C	4/24/2013	10:11	90.40	130.13		
LON-MW7C	5/15/2013	14:52	Dry			
LON-MW7C	6/20/2013	15:12	Dry			
LON-MW7C	7/18/2013	9:45	Dry			
LON-MW7C	8/15/2013	10:08	Dry			
LON-MW7C	9/12/2013	11:47	Dry			
LON-MW7C	10/24/2013	11:20	Dry			
LON-MW7C	11/20/2013	8:08	Dry			
LON-MW7C	12/27/2013	12:11	Dry			
LON-MW7D	1/23/2013	11:07	95.71	124.58		
LON-MW7D	2/13/2013	9:48	96.81	123.48		
LON-MW7D	3/20/2013	13:44	97.01	123.28		
LON-MW7D	4/24/2013	10:14	97.61	122.68		
LON-MW7D	5/15/2013	14:54	98.18	122.11		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
LON-MW7D	6/20/2013	15:15	99.45	120.84		
LON-MW7D	7/18/2013	9:47	100.80	119.49		
LON-MW7D	8/15/2013	10:10	101.97	118.32		
LON-MW7D	9/12/2013	11:51	102.65	117.64		
LON-MW7D	10/24/2013	11:23	102.99	117.30		
LON-MW7D	11/20/2013	8:11	103.17	117.12		
LON-MW7D	12/27/2013	12:13	102.58	117.71		
ADO-MW1s	1/22/2013	11:40	77.01	176.93	0.02	0.00
ADO-MW1s	2/12/2013	11:21	78.01	175.93	0.04	0.00
ADO-MW1s	3/19/2013	10:05	78.35	175.59	-0.03	-0.00
ADO-MW1s	4/23/2013	9:50	80.69	173.25	0.06	0.00
ADO-MW1s	5/14/2013	11:10	80.87	173.07	0.00	0.00
ADO-MW1s	6/19/2013	10:24	82.23	171.71	0.02	0.00
ADO-MW1s	7/17/2013	9:55	84.77	169.17	0.03	0.00
ADO-MW1s	8/16/2013	11:15	87.64	166.30	0.04	0.00
ADO-MW1s	9/13/2013	8:35	88.33	165.61	0.03	0.00
ADO-MW1s	10/23/2013	14:02	88.87	165.07	0.01	0.00
ADO-MW1s	11/19/2013	7:45	89.65	164.29	0.03	0.00
ADO-MW1s	12/26/2013	10:18	88.51	165.43	-0.02	-0.00
ADO-MW1d	1/22/2013	11:45	77.00	176.91		
ADO-MW1d	2/12/2013	11:26	78.02	175.89		
ADO-MW1d	3/19/2013	10:10	78.29	175.62		
ADO-MW1d	4/23/2013	9:55	80.72	173.19		
ADO-MW1d	5/14/2013	11:12	80.84	173.07		
ADO-MW1d	6/19/2013	10:27	82.22	171.69		
ADO-MW1d	7/17/2013	9:59	84.77	169.14		
ADO-MW1d	8/16/2013	11:58	87.65	166.26		
ADO-MW1d	9/13/2013	8:38	88.33	165.58		
ADO-MW1d	10/23/2013	14:05	88.85	165.06		
ADO-MW1d	11/19/2013	7:49	89.65	164.26		
ADO-MW1d	12/26/2013	10:12	88.46	165.45		
ADO-MW2s	1/22/2013	11:32	77.45	176.54	-0.14	-0.00
ADO-MW2s	2/12/2013	11:05	78.16	175.83	0.05	0.00
ADO-MW2s	3/19/2013	9:30	78.56	175.43	0.16	0.00
ADO-MW2s	4/23/2013	10:05	80.44	173.55	-0.06	-0.00
ADO-MW2s	5/14/2013	11:18	81.22	172.77	0.03	0.00
ADO-MW2s	6/19/2013	10:15	82.68	171.31	0.00	0.00
ADO-MW2s	7/17/2013	10:05	85.26	168.73	0.01	0.00
ADO-MW2s	8/16/2013	12:03	88.20	165.79	0.01	0.00
ADO-MW2s	9/13/2013	8:42	88.87	165.12	-0.01	-0.00
ADO-MW2s	10/23/2013	14:15	89.29	164.70	-0.04	-0.00
ADO-MW2s	11/19/2013	7:52	89.87	164.12	0.04	0.00
ADO-MW2s	12/26/2013	10:31	88.90	165.09	0.01	0.00
ADO-MW2d	1/22/2013	11:28	77.34	176.68		
ADO-MW2d	2/12/2013	11:13	78.24	175.78		
ADO-MW2d	3/19/2013	9:34	78.75	175.27		
ADO-MW2d	4/23/2013	10:10	80.41	173.61		
ADO-MW2d	5/14/2013	11:20	81.28	172.74		
ADO-MW2d	6/19/2013	10:18	82.71	171.31		
ADO-MW2d	7/17/2013	10:10	85.30	168.72		
ADO-MW2d	8/16/2013	12:05	88.24	165.78		
ADO-MW2d	9/13/2013	8:45	88.89	165.13		
ADO-MW2d	10/23/2013	14:19	89.28	164.74		
ADO-MW2d	11/19/2013	7:55	89.94	164.08		
ADO-MW2d	12/26/2013	10:26	88.94	165.08		
MAL-MW1	1/23/2013	12:40	15.40	190.12		
MAL-MW1	2/13/2013	11:35	15.51	190.01		
MAL-MW1	3/20/2013	16:05	15.23	190.29		
MAL-MW1	4/24/2013	11:08	15.23	190.29		
MAL-MW1	5/15/2013	12:01	15.92	189.60		
MAL-MW1	6/20/2013	12:43	16.23	189.29		
MAL-MW1	7/18/2013	10:48	16.39	189.13		
MAL-MW1	8/15/2013	5:55	16.18	189.34		
MAL-MW1	9/12/2013	7:22	17.17	188.35		
MAL-MW1	10/24/2013	9:34	15.85	189.67		
MAL-MW1	11/20/2013	14:50	16.69	188.83		
MAL-MW1	12/27/2013	11:45	16.63	188.89		
MAL-MW2	1/23/2013	12:57	12.61	190.98		
MAL-MW2	2/13/2013	11:20	12.55	191.04		
MAL-MW2	3/20/2013	14:20	12.47	191.12		
MAL-MW2	4/24/2013	11:30	12.36	191.23		
MAL-MW2	5/15/2013	12:08	12.42	191.17		
MAL-MW2	6/20/2013	13:15	12.45	191.14		
MAL-MW2	7/18/2013	11:07	12.50	191.09		
MAL-MW2	8/15/2013	6:10	12.40	191.19		
MAL-MW2	9/12/2013	7:30	12.43	191.16		
MAL-MW2	10/24/2013	9:45	11.80	191.79		
MAL-MW2	11/20/2013	14:56	12.28	191.31		
MAL-MW2	12/27/2013	12:07	12.65	190.94		
MAL-MW3	1/23/2013	13:18	9.28	193.64		
MAL-MW3	2/13/2013	11:12	9.68	193.24		
MAL-MW3	3/20/2013	15:57	9.88	193.04		
MAL-MW3	4/24/2013	11:20	10.18	192.74		
MAL-MW3	5/15/2013	12:18	10.21	192.71		
MAL-MW3	6/20/2013	12:56	10.33	192.59		
MAL-MW3	7/18/2013	11:31	10.52	192.40		
MAL-MW3	8/15/2013	6:21	10.55	192.37		
MAL-MW3	9/12/2013	8:05	10.51	192.41		
MAL-MW3	10/24/2013	9:27	10.01	192.91		
MAL-MW3	11/20/2013	15:12	10.74	192.18		
MAL-MW3	12/27/2013	11:52	10.53	192.39		
MAL-MW4	1/23/2013	12:47	12.31	191.36		
MAL-MW4	2/13/2013	11:28	12.45	191.22		
MAL-MW4	3/20/2013	16:30	12.20	191.47		
MAL-MW4	4/24/2013	11:15	12.17	191.50		
MAL-MW4	5/15/2013	12:21	12.42	191.25		
MAL-MW4	6/20/2013	12:50	12.56	191.11		
MAL-MW4	7/18/2013	10:55	12.49	191.18		
MAL-MW4	8/15/2013	5:59	12.80	190.87		
MAL-MW4	9/12/2013	7:35	12.72	190.95		
MAL-MW4	10/24/2013	9:33	12.39	191.28		
MAL-MW4	11/20/2013	15:08	12.86	190.81		
MAL-MW4	12/27/2013	12:15	12.01	191.66		
MAL-MW5	1/23/2013	12:53	10.31	192.16		
MAL-MW5	2/13/2013	11:15	10.62	191.85		
MAL-MW5	3/20/2013	16:23	10.45	192.02		
MAL-MW5	4/24/2013	11:25	10.45	192.02		
MAL-MW5	5/15/2013	12:28	10.48	191.99		
MAL-MW5	6/20/2013	13:10	10.65	191.82		
MAL-MW5	7/18/2013	11:01	10.46	192.01		
MAL-MW5	8/15/2013	6:03	10.63	191.84		
MAL-MW5	9/12/2013	7:42	10.72	191.75		
MAL-MW5	10/24/2013	9:39	10.14	192.33		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
MAL-MW5	11/20/2013	15:00	10.59	191.88		
MAL-MW5	12/27/2013	12:00	10.51	191.96		
MAL-MW6	1/23/2013	13:30	8.24	192.90		
MAL-MW6	2/13/2013	10:58	8.72	192.42		
MAL-MW6	3/20/2013	17:00	7.88	193.26		
MAL-MW6	4/24/2013	11:36	8.59	192.55		
MAL-MW6	5/15/2013	12:13	8.10	193.04		
MAL-MW6	6/20/2013	13:32	5.95	195.19		
MAL-MW6	7/18/2013	11:20	6.01	195.13		
MAL-MW6	8/15/2013	6:32	6.26	194.88		
MAL-MW6	9/12/2013	8:20	6.12	195.02		
MAL-MW6	10/24/2013	9:13	5.81	195.33		
MAL-MW6	11/20/2013	15:21	7.78	193.36		
MAL-MW6	12/27/2013	12:22	6.01	195.13		
MAL-MW7	1/23/2013	13:01	8.31	191.62		
MAL-MW7	2/13/2013	11:25	8.26	191.67		
MAL-MW7	3/20/2013	14:49	8.14	191.79		
MAL-MW7	4/24/2013	11:36	8.11	191.82		
MAL-MW7	5/15/2013	12:16	8.28	191.65		
MAL-MW7	6/20/2013	13:21	7.43	192.50		
MAL-MW7	7/18/2013	11:14	7.59	192.34		
MAL-MW7	8/15/2013	6:15	6.69	193.24		
MAL-MW7	9/12/2013	7:57	7.18	192.75		
MAL-MW7	10/24/2013	9:05	6.86	193.07		
MAL-MW7	11/20/2013	15:26	7.22	192.71		
MAL-MW7	12/27/2013	12:29	7.40	192.53		
MAL-MW8	1/23/2013	13:22	5.94	193.96		
MAL-MW8	2/13/2013	11:05	5.51	194.39		
MAL-MW8	3/20/2013	15:31	5.42	194.48		
MAL-MW8	4/24/2013	11:55	5.31	194.59		
MAL-MW8	5/15/2013	12:24	4.64	195.26		
MAL-MW8	6/20/2013	13:25	3.94	195.96		
MAL-MW8	7/18/2013	11:26	3.99	195.91		
MAL-MW8	8/15/2013	6:27	3.07	196.83		
MAL-MW8	9/12/2013	8:12	4.41	195.49		
MAL-MW8	10/24/2013	9:20	3.37	196.53		
MAL-MW8	11/20/2013	15:17	5.28	194.62		
MAL-MW8	12/27/2013	12:35	4.09	195.81		
MAP-MW8	1/22/2013	16:32	94.08	148.55		
MAP-MW8	2/12/2013	14:57	94.10	148.53		
MAP-MW8	3/20/2013	7:40	94.08	148.55		
MAP-MW8	4/23/2013	14:20	94.11	148.52		
MAP-MW8	5/15/2013	7:05	94.48	148.15		
MAP-MW8	6/19/2013	15:40	96.22	146.41		
MAP-MW8	7/17/2013	14:04	99.15	143.48		
MAP-MW8	8/16/2013	6:45	96.88	145.75		
MAP-MW8	9/12/2013	15:15	Dry			
MAP-MW8	10/24/2013	8:00	Dry			
MAP-MW8	11/19/2013	15:15	Dry			
MAP-MW8	12/26/2013	15:38	Dry			
MAP-MW9	1/22/2013	15:34	Dry			
MAP-MW9	2/12/2013	14:50	Dry			
MAP-MW9	3/20/2013	7:28	Dry			
MAP-MW9	4/23/2013	14:10	Dry			
MAP-MW9	5/15/2013	7:13	Dry			
MAP-MW9	6/19/2013	15:36	Dry			
MAP-MW9	7/17/2013	13:59	Dry			
MAP-MW9	8/16/2013	6:50	Dry			
MAP-MW9	9/12/2013	15:22	Dry			
MAP-MW9	10/24/2013	8:07	Dry			
MAP-MW9	11/19/2013	15:22	Dry			
MAP-MW9	12/26/2013	15:32	Dry			
MAP-MW10	1/22/2013	16:45	87.22	157.43		
MAP-MW10	2/12/2013	15:08	87.74	156.91		
MAP-MW10	3/20/2013	8:12	88.16	156.49		
MAP-MW10	4/23/2013	14:28	88.91	155.74		
MAP-MW10	5/15/2013	7:19	89.66	154.99		
MAP-MW10	6/19/2013	15:30	90.54	154.11		
MAP-MW10	7/17/2013	13:52	93.69	150.96		
MAP-MW10	8/16/2013	6:40	91.90	152.75		
MAP-MW10	9/12/2013	15:29	92.15	152.50		
MAP-MW10	10/24/2013	8:13	92.22	152.43		
MAP-MW10	11/19/2013	15:30	94.98	149.67		
MAP-MW10	12/26/2013	15:22	92.15	152.50		
ZON-MW1A	1/22/2013	15:10	12.40	231.11		
ZON-MW1A	2/12/2013	14:31	10.62	232.89		
ZON-MW1A	3/20/2013	8:05	11.63	231.88		
ZON-MW1A	4/23/2013	13:00	10.33	233.18		
ZON-MW1A	5/15/2013	7:10	9.45	234.06		
ZON-MW1A	6/19/2013	15:50	9.27	234.24		
ZON-MW1A	7/17/2013	14:20	9.45	234.06		
ZON-MW1A	8/16/2013	8:40	8.83	234.68		
ZON-MW1A	9/12/2013	13:55	10.73	232.78		
ZON-MW1A	10/24/2013	7:39	8.96	234.55		
ZON-MW1A	11/19/2013	12:32	10.73	232.78		
ZON-MW1A	12/26/2013	14:14	12.45	231.06		
ZON-MW1B	1/22/2013	15:13	Dry			
ZON-MW1B	2/12/2013	14:35	Dry			
ZON-MW1B	3/20/2013	8:08	Dry			
ZON-MW1B	4/23/2013	13:08	Dry			
ZON-MW1B	5/15/2013	7:13	Dry			
ZON-MW1B	6/19/2013	15:55	Dry			
ZON-MW1B	7/17/2013	14:23	Dry			
ZON-MW1B	8/16/2013	8:42	Dry			
ZON-MW1B	9/12/2013	14:00	Dry			
ZON-MW1B	10/24/2013	7:42	Dry			
ZON-MW1B	11/19/2013	12:35	Dry			
ZON-MW1B	12/26/2013	14:17	Dry			
ZON-MW1C	1/22/2013	15:16	103.60	140.01		
ZON-MW1C	2/12/2013	14:39	103.68	139.93		
ZON-MW1C	3/20/2013	8:12	103.72	139.89		
ZON-MW1C	4/23/2013	13:11	103.63	139.98		
ZON-MW1C	5/15/2013	7:16	103.82	139.79		
ZON-MW1C	6/19/2013	16:00	103.77	139.84		
ZON-MW1C	7/17/2013	14:27	106.67	136.94		
ZON-MW1C	8/16/2013	8:45	103.94	139.67		
ZON-MW1C	9/12/2013	14:04	103.80	139.81		
ZON-MW1C	10/24/2013	7:45	103.85	139.76		
ZON-MW1C	11/19/2013	12:38	103.49	140.12		
ZON-MW1C	12/26/2013	14:20	103.69	139.92		
ZON-MW2A	1/22/2013	16:03	Dry			
ZON-MW2A	2/12/2013	15:21	92.78	151.79		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
ZON-MW2A	3/20/2013	9:15	92.91	151.66		
ZON-MW2A	4/23/2013	13:45	93.12	151.45		
ZON-MW2A	5/15/2013	6:49	93.49	151.08		
ZON-MW2A	6/19/2013	15:25	Dry			
ZON-MW2A	7/17/2013	13:41	Dry			
ZON-MW2A	8/16/2013	9:00	97.81	146.76		
ZON-MW2A	9/12/2013	14:52	Dry			
ZON-MW2A	10/24/2013	7:25	Dry			
ZON-MW2A	11/19/2013	13:05	98.50	146.07		
ZON-MW2A	12/26/2013	15:05	93.67	150.90		
ZON-MW2B	1/22/2013	16:06	100.45	143.95		
ZON-MW2B	2/12/2013	15:25	101.84	142.56		
ZON-MW2B	3/20/2013	9:12	103.91	140.49		
ZON-MW2B	4/23/2013	13:48	108.01	136.39		
ZON-MW2B	5/15/2013	6:52	110.14	134.26		
ZON-MW2B	6/19/2013	15:29	112.43	131.97		
ZON-MW2B	7/17/2013	13:45	116.71	127.69		
ZON-MW2B	8/16/2013	9:05	116.23	128.17		
ZON-MW2B	9/12/2013	14:55	117.08	127.32		
ZON-MW2B	10/24/2013	7:29	117.85	126.55		
ZON-MW2B	11/19/2013	13:08	117.61	126.79		
ZON-MW2B	12/26/2013	15:09	116.90	127.50		
ZON-MW3A	1/22/2013	16:11	96.63	148.96		
ZON-MW3A	2/12/2013	15:37	97.28	148.31		
ZON-MW3A	3/20/2013	9:49	101.31	144.28		
ZON-MW3A	4/23/2013	13:27	97.36	148.23		
ZON-MW3A	5/15/2013	7:30	102.13	143.46		
ZON-MW3A	6/19/2013	15:15	Dry			
ZON-MW3A	7/17/2013	13:23	Dry			
ZON-MW3A	8/16/2013	9:02	101.83	143.76		
ZON-MW3A	9/12/2013	14:29	Dry			
ZON-MW3A	10/24/2013	7:15	Dry			
ZON-MW3A	11/19/2013	12:57	101.11	144.48		
ZON-MW3A	12/26/2013	14:47	100.86	144.73		
ZON-MW3B	1/22/2013	16:16	106.05	139.43		
ZON-MW3B	2/12/2013	15:45	107.40	138.08		
ZON-MW3B	3/20/2013	9:42	102.64	142.84		
ZON-MW3B	4/23/2013	13:30	116.37	129.11		
ZON-MW3B	5/15/2013	7:42	108.53	136.95		
ZON-MW3B	6/19/2013	15:19	110.07	135.41		
ZON-MW3B	7/17/2013	13:27	113.29	132.19		
ZON-MW3B	8/16/2013	9:06	114.28	131.20		
ZON-MW3B	9/12/2013	14:32	113.06	132.42		
ZON-MW3B	10/24/2013	7:18	117.75	127.73		
ZON-MW3B	11/19/2013	13:00	111.86	133.62		
ZON-MW3B	12/26/2013	14:51	112.94	132.54		
ZON-MW4A	1/22/2013	15:45	Dry			
ZON-MW4A	2/12/2013	16:01	Dry			
ZON-MW4A	3/20/2013	8:52	Dry			
ZON-MW4A	4/23/2013	13:18	Dry			
ZON-MW4A	5/15/2013	7:01	Dry			
ZON-MW4A	6/19/2013	14:45	Dry			
ZON-MW4A	7/17/2013	13:15	Dry			
ZON-MW4A	8/16/2013	8:50	Dry			
ZON-MW4A	9/12/2013	14:20	Dry			
ZON-MW4A	10/24/2013	6:50	Dry			
ZON-MW4A	11/19/2013	12:43	Dry			
ZON-MW4A	12/26/2013	14:35	Dry			
ZON-MW4B	1/22/2013	15:50	109.41	135.59		
ZON-MW4B	2/12/2013	16:05	111.62	133.38		
ZON-MW4B	3/20/2013	8:55	112.48	132.52		
ZON-MW4B	4/23/2013	13:21	118.20	126.80		
ZON-MW4B	5/15/2013	7:10	118.97	126.03		
ZON-MW4B	6/19/2013	14:50	121.75	123.25		
ZON-MW4B	7/17/2013	13:18	125.50	119.50		
ZON-MW4B	8/16/2013	8:55	127.74	117.26		
ZON-MW4B	9/12/2013	14:23	126.87	118.13		
ZON-MW4B	10/24/2013	6:55	125.93	119.07		
ZON-MW4B	11/19/2013	12:45	124.48	120.52		
ZON-MW4B	12/26/2013	14:38	123.41	121.59		
ZON-MW5A	1/22/2013	16:18	99.78	145.86		
ZON-MW5A	2/12/2013	16:14	99.31	146.33		
ZON-MW5A	3/20/2013	10:08	97.42	148.22		
ZON-MW5A	4/23/2013	13:34	102.07	143.57		
ZON-MW5A	5/15/2013	7:21	96.98	148.66		
ZON-MW5A	6/19/2013	15:00	Dry			
ZON-MW5A	7/17/2013	13:32	Dry			
ZON-MW5A	8/16/2013	8:53	96.71	148.93		
ZON-MW5A	9/12/2013	14:40	Dry			
ZON-MW5A	10/24/2013	7:04	Dry			
ZON-MW5A	11/19/2013	12:50	Dry			
ZON-MW5A	12/26/2013	14:59	96.63	149.01		
ZON-MW5B	1/22/2013	16:22	100.39	145.07		
ZON-MW5B	2/12/2013	16:22	101.36	144.10		
ZON-MW5B	3/20/2013	10:10	110.78	134.68		
ZON-MW5B	4/23/2013	13:37	106.94	138.52		
ZON-MW5B	5/15/2013	7:24	116.39	129.07		
ZON-MW5B	6/19/2013	15:05	119.12	126.34		
ZON-MW5B	7/17/2013	13:35	122.39	123.07		
ZON-MW5B	8/16/2013	8:56	124.49	120.97		
ZON-MW5B	9/12/2013	14:43	123.34	122.12		
ZON-MW5B	10/24/2013	7:09	121.49	123.97		
ZON-MW5B	11/19/2013	12:53	120.35	125.11		
ZON-MW5B	12/26/2013	15:01	119.84	125.62		
ZON-MW7	1/22/2013	15:01	112.01	128.19		
ZON-MW7	2/12/2013	14:20	111.74	128.46		
ZON-MW7	3/20/2013	7:51	Dry			
ZON-MW7	4/23/2013	12:50	Dry			
ZON-MW7	5/15/2013	7:39	Dry			
ZON-MW7	6/19/2013	16:10	Dry			
ZON-MW7	7/17/2013	14:12	Dry			
ZON-MW7	8/16/2013	8:38	Dry			
ZON-MW7	9/12/2013	14:12	Dry			
ZON-MW7	10/24/2013	7:52	Dry			
ZON-MW7	11/19/2013	12:20	Dry			
ZON-MW7	12/26/2013	14:06	Dry			
RIC-MW1	1/24/2013	11:10	12.00	307.10		
RIC-MW1	2/14/2013	12:10	12.40	306.70		
RIC-MW1	3/22/2013	9:17	12.36	306.74		
RIC-MW1	4/25/2013	8:17	12.76	306.34		
RIC-MW1	5/17/2013	7:01	12.55	306.55		
RIC-MW1	6/21/2013	10:58	12.62	306.48		
RIC-MW1	7/19/2013	10:00	12.85	306.25		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
RIC-MW1	8/13/2013	11:55	12.77	306.33		
RIC-MW1	9/10/2013	16:30	13.31	305.79		
RIC-MW1	10/25/2013	11:00	13.51	305.59		
RIC-MW1	11/21/2013	14:35	13.16	305.94		
RIC-MW1	12/26/2013	13:25	13.48	305.62		
RIC-MW2	1/24/2013	11:13	Dry			
RIC-MW2	2/14/2013	12:13	Dry			
RIC-MW2	3/22/2013	9:20	Dry			
RIC-MW2	4/25/2013	8:20	Dry			
RIC-MW2	5/17/2013	7:04	Dry			
RIC-MW2	6/21/2013	11:05	10.00	307.19		
RIC-MW2	7/19/2013	10:04	10.21	306.98		
RIC-MW2	8/13/2013	11:36	10.15	307.04		
RIC-MW2	9/10/2013	16:27	Dry			
RIC-MW2	10/25/2013	10:55	10.74	306.45		
RIC-MW2	11/21/2013	14:41	Dry			
RIC-MW2	12/26/2013	13:28	10.56	306.63		
RIC-MW3	1/24/2013	11:45	7.71	303.74		
RIC-MW3	2/14/2013	12:18	8.25	303.20		
RIC-MW3	3/22/2013	10:57	7.68	303.77		
RIC-MW3	4/25/2013	8:13	8.91	302.54		
RIC-MW3	5/17/2013	6:52	7.05	304.40		
RIC-MW3	6/21/2013	11:15	6.77	304.68		
RIC-MW3	7/19/2013	10:10	6.96	304.49		
RIC-MW3	8/13/2013	11:45	6.89	304.56		
RIC-MW3	9/10/2013	16:35	7.22	304.23		
RIC-MW3	10/25/2013	11:15	8.56	302.89		
RIC-MW3	11/21/2013	14:52	7.89	303.56		
RIC-MW3	12/26/2013	13:34	8.76	302.69		
RIC-MW4	1/24/2013	11:40	6.88	304.32		
RIC-MW4	2/14/2013	12:20	7.31	303.89		
RIC-MW4	3/22/2013	11:01	6.35	304.85		
RIC-MW4	4/25/2013	8:09	6.61	304.59		
RIC-MW4	5/17/2013	6:55	5.13	306.07		
RIC-MW4	6/21/2013	11:10	5.87	305.33		
RIC-MW4	7/19/2013	10:14	6.02	305.18		
RIC-MW4	8/13/2013	11:47	5.80	305.40		
RIC-MW4	9/10/2013	16:41	6.30	304.90		
RIC-MW4	10/25/2013	11:12	7.25	303.95		
RIC-MW4	11/21/2013	14:56	5.69	305.51		
RIC-MW4	12/26/2013	13:36	6.98	304.22		
RIC-MW5	1/24/2013	11:55	11.51	307.25		
RIC-MW5	2/14/2013	12:24	11.97	306.79		
RIC-MW5	3/22/2013	9:51	12.01	306.75		
RIC-MW5	4/25/2013	8:28	12.23	306.53		
RIC-MW5	5/17/2013	6:40	11.43	307.33		
RIC-MW5	6/21/2013	11:25	11.06	307.70		
RIC-MW5	7/19/2013	10:20	11.71	307.05		
RIC-MW5	8/13/2013	11:50	10.98	307.78		
RIC-MW5	9/10/2013	16:49	11.94	306.82		
RIC-MW5	10/25/2013	11:22	12.21	306.55		
RIC-MW5	11/21/2013	15:07	11.71	307.05		
RIC-MW5	12/26/2013	13:44	12.37	306.39		
RIC-MW6	1/24/2013	11:50	10.35	308.67		
RIC-MW6	2/14/2013	12:28	10.66	308.36		
RIC-MW6	3/22/2013	9:54	10.55	308.47		
RIC-MW6	4/25/2013	8:32	11.04	307.98		
RIC-MW6	5/17/2013	6:44	8.64	310.38		
RIC-MW6	6/21/2013	11:21	9.34	309.68		
RIC-MW6	7/19/2013	10:24	9.45	309.57		
RIC-MW6	8/13/2013	11:52	9.33	309.69		
RIC-MW6	9/10/2013	16:56	10.13	308.89		
RIC-MW6	10/25/2013	11:25	10.55	308.47		
RIC-MW6	11/21/2013	15:10	10.09	308.93		
RIC-MW6	12/26/2013	13:47	10.82	308.20		
RIC-MW7s	1/24/2013	11:00	12.15	307.53	0.17	0.01
RIC-MW7s	2/14/2013	11:38	12.39	307.29	0.26	0.01
RIC-MW7s	3/22/2013	7:31	12.60	307.08	0.23	0.01
RIC-MW7s	4/25/2013	7:45	12.82	306.86	0.11	0.01
RIC-MW7s	5/17/2013	7:30	13.01	306.67	0.12	0.01
RIC-MW7s	6/21/2013	10:30	12.71	306.97	0.14	0.01
RIC-MW7s	7/19/2013	9:25	13.20	306.48	0.13	0.01
RIC-MW7s	8/13/2013	11:30	13.07	306.61	0.05	0.00
RIC-MW7s	9/10/2013	15:56	13.63	306.05	0.09	0.00
RIC-MW7s	10/25/2013	10:45	13.90	305.78	0.16	0.01
RIC-MW7s	11/21/2013	15:25	10.61	309.07	1.19	0.06
RIC-MW7s	12/26/2013	13:15	14.32	305.36	0.08	0.00
RIC-MW7d	1/24/2013	11:05	12.22	307.36		
RIC-MW7d	2/14/2013	11:42	12.55	307.03		
RIC-MW7d	3/22/2013	7:33	12.73	306.85		
RIC-MW7d	4/25/2013	7:48	12.83	306.75		
RIC-MW7d	5/17/2013	7:35	13.03	306.55		
RIC-MW7d	6/21/2013	10:35	12.75	306.83		
RIC-MW7d	7/19/2013	9:28	13.23	306.35		
RIC-MW7d	8/13/2013	11:32	13.02	306.56		
RIC-MW7d	9/10/2013	16:00	13.62	305.96		
RIC-MW7d	10/25/2013	10:48	13.96	305.62		
RIC-MW7d	11/21/2013	15:29	11.70	307.88		
RIC-MW7d	12/26/2013	13:17	14.30	305.28		
RIC-MW8s	1/24/2013	11:19	12.68	302.35	0.07	0.00
RIC-MW8s	2/14/2013	11:48	12.73	302.30	0.49	0.03
RIC-MW8s	3/22/2013	8:43	13.01	302.02	0.14	0.01
RIC-MW8s	4/25/2013	7:55	13.16	301.87	0.13	0.01
RIC-MW8s	5/17/2013	7:12	13.11	301.92	0.22	0.01
RIC-MW8s	6/21/2013	10:40	13.44	301.59	0.17	0.01
RIC-MW8s	7/19/2013	9:35	13.91	301.12	0.16	0.01
RIC-MW8s	8/13/2013	11:40	13.74	301.29	-0.02	-0.00
RIC-MW8s	9/10/2013	16:10	14.43	300.60	0.01	0.00
RIC-MW8s	10/25/2013	11:33	14.45	300.58	0.00	0.00
RIC-MW8s	11/21/2013	15:36	13.94	301.09	0.00	0.00
RIC-MW8s	12/26/2013	12:50	14.25	300.78	0.04	0.00
RIC-MW8d	1/24/2013	11:21	12.63	302.28		
RIC-MW8d	2/14/2013	11:52	13.10	301.81		
RIC-MW8d	3/22/2013	8:46	13.03	301.88		
RIC-MW8d	4/25/2013	7:58	13.17	301.74		
RIC-MW8d	5/17/2013	7:15	13.21	301.70		
RIC-MW8d	6/21/2013	10:43	13.49	301.42		
RIC-MW8d	7/19/2013	9:39	13.95	300.96		
RIC-MW8d	8/13/2013	11:42	13.60	301.31		
RIC-MW8d	9/10/2013	16:14	14.32	300.59		
RIC-MW8d	10/25/2013	11:36	14.33	300.58		
RIC-MW8d	11/21/2013	15:40	13.82	301.09		
RIC-MW8d	12/26/2013	12:54	14.17	300.74		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
RIC-MW9s	1/24/2013	11:32	10.15	301.53	0.72	0.04
RIC-MW9s	2/14/2013	12:00	10.45	301.23	0.50	0.02
RIC-MW9s	3/22/2013	8:11	10.05	301.63	0.57	0.03
RIC-MW9s	4/25/2013	8:02	9.32	302.36	0.62	0.03
RIC-MW9s	5/17/2013	7:22	9.31	302.37	0.93	0.05
RIC-MW9s	6/21/2013	10:50	8.40	303.28	1.33	0.07
RIC-MW9s	7/19/2013	9:45	8.40	303.28	1.31	0.07
RIC-MW9s	8/13/2013	11:59	7.74	303.94	2.23	0.11
RIC-MW9s	9/10/2013	16:20	9.13	302.55	2.26	0.11
RIC-MW9s	10/25/2013	11:45	11.94	299.74	0.39	0.02
RIC-MW9s	11/21/2013	15:47	14.03	297.65	-0.03	-0.00
RIC-MW9s	12/26/2013	13:05	12.13	299.55	0.79	0.04
RIC-MW9d	1/24/2013	11:35	10.84	300.81		
RIC-MW9d	2/14/2013	12:04	10.92	300.73		
RIC-MW9d	3/22/2013	8:13	10.59	301.06		
RIC-MW9d	4/25/2013	8:05	9.91	301.74		
RIC-MW9d	5/17/2013	7:24	10.21	301.44		
RIC-MW9d	6/21/2013	10:53	9.70	301.95		
RIC-MW9d	7/19/2013	9:50	9.68	301.97		
RIC-MW9d	8/13/2013	12:01	9.94	301.71		
RIC-MW9d	9/10/2013	16:23	11.36	300.29		
RIC-MW9d	10/25/2013	11:48	12.30	299.35		
RIC-MW9d	11/21/2013	15:50	13.97	297.68		
RIC-MW9d	12/26/2013	13:08	12.89	298.76		
SIE-MW1	1/24/2013	13:15	89.91	204.10		
SIE-MW1	2/13/2013	16:24	93.78	200.23		
SIE-MW1	3/21/2013	9:05	105.30	188.71		
SIE-MW1	4/24/2013	16:21	112.66	181.35		
SIE-MW1	5/16/2013	8:35	116.70	177.31		
SIE-MW1	6/20/2013	7:45	121.49	172.52		
SIE-MW1	7/18/2013	15:42	121.30	172.71		
SIE-MW1	8/14/2013	14:22	122.83	171.18		
SIE-MW1	9/11/2013	11:32	Dry			
SIE-MW1	10/25/2013	7:21	89.29	204.72		
SIE-MW1	11/21/2013	11:58	88.72	205.29		
SIE-MW1	12/27/2013	10:08	88.62	205.39		
SIE-MW2	1/24/2013	13:20	102.55	192.69		
SIE-MW2	2/13/2013	16:35	104.01	191.23		
SIE-MW2	3/21/2013	8:13	104.37	190.87		
SIE-MW2	4/24/2013	16:10	Dry			
SIE-MW2	5/16/2013	8:45	Dry			
SIE-MW2	6/20/2013	7:35	Dry			
SIE-MW2	7/18/2013	15:20	Dry			
SIE-MW2	8/14/2013	14:15	Dry			
SIE-MW2	9/11/2013	11:44	Dry			
SIE-MW2	10/25/2013	7:33	Dry			
SIE-MW2	11/21/2013	12:02	Dry			
SIE-MW2	12/27/2013	9:55	Dry			
SIE-MW3	1/24/2013	13:25	103.40	193.20		
SIE-MW3	2/13/2013	16:45	104.84	191.76		
SIE-MW3	3/21/2013	8:25	105.01	191.59		
SIE-MW3	4/24/2013	16:25	121.12	175.48		
SIE-MW3	5/16/2013	8:41	122.51	174.09		
SIE-MW3	6/20/2013	7:49	114.38	182.22		
SIE-MW3	7/18/2013	15:35	115.52	181.08		
SIE-MW3	8/14/2013	14:25	117.18	179.42		
SIE-MW3	9/11/2013	11:37	118.47	178.13		
SIE-MW3	10/25/2013	7:27	120.42	176.18		
SIE-MW3	11/21/2013	12:05	121.89	174.71		
SIE-MW3	12/27/2013	10:01	Dry			
SIE-MW4	1/24/2013	13:30	108.51	192.11		
SIE-MW4	2/13/2013	16:18	109.71	190.91		
SIE-MW4	3/21/2013	8:50	110.24	190.38		
SIE-MW4	4/24/2013	16:15	124.98	175.64		
SIE-MW4	5/16/2013	8:50	126.47	174.15		
SIE-MW4	6/20/2013	7:39	Dry			
SIE-MW4	7/18/2013	15:27	Dry			
SIE-MW4	8/14/2013	14:18	Dry			
SIE-MW4	9/11/2013	11:51	Dry			
SIE-MW4	10/25/2013	7:15	Dry			
SIE-MW4	11/21/2013	11:57	Dry			
SIE-MW4	12/27/2013	10:15	Dry			
SO2-MW1	1/22/2013	13:53	65.51	208.96		
SO2-MW1	2/12/2013	12:45	66.86	207.61		
SO2-MW1	3/19/2013	14:00	67.92	206.55		
SO2-MW1	4/23/2013	12:03	69.93	204.54		
SO2-MW1	5/14/2013	12:58	70.62	203.85		
SO2-MW1	6/19/2013	12:35	Dry			
SO2-MW1	7/17/2013	11:50	Dry			
SO2-MW1	8/16/2013	8:35	Dry			
SO2-MW1	9/13/2013	8:05	Dry			
SO2-MW1	10/23/2013	16:56	Dry			
SO2-MW1	11/19/2013	9:55	Dry			
SO2-MW1	12/26/2013	12:33	Dry			
SO2-MW2	1/22/2013	13:32	62.11	210.37		
SO2-MW2	2/12/2013	13:13	62.56	209.92		
SO2-MW2	3/19/2013	13:10	68.44	204.04		
SO2-MW2	4/23/2013	11:41	68.14	204.34		
SO2-MW2	5/14/2013	13:42	72.46	200.02		
SO2-MW2	6/19/2013	12:13	Dry			
SO2-MW2	7/17/2013	12:48	Dry			
SO2-MW2	8/16/2013	8:23	Dry			
SO2-MW2	9/13/2013	7:00	Dry			
SO2-MW2	10/23/2013	16:46	Dry			
SO2-MW2	11/19/2013	10:05	72.45	200.03		
SO2-MW2	12/26/2013	12:56	72.50	199.98		
SO2-MW3	1/22/2013	13:49	66.81	207.28		
SO2-MW3	2/12/2013	13:24	68.21	205.88		
SO2-MW3	3/19/2013	14:14	Dry			
SO2-MW3	4/23/2013	11:58	Dry			
SO2-MW3	5/14/2013	13:45	Dry			
SO2-MW3	6/19/2013	12:29	Dry			
SO2-MW3	7/17/2013	12:35	Dry			
SO2-MW3	8/16/2013	8:40	Dry			
SO2-MW3	9/13/2013	7:17	Dry			
SO2-MW3	10/23/2013	16:51	Dry			
SO2-MW3	11/19/2013	9:59	Dry			
SO2-MW3	12/26/2013	12:40	Dry			
SO2-MW4	1/22/2013	13:04	67.81	204.86		
SO2-MW4	2/12/2013	12:51	70.01	202.66		
SO2-MW4	3/19/2013	11:20	71.66	201.01		
SO2-MW4	4/23/2013	11:28	73.42	199.25		

Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

Well ID	Date	Time	DTW	GWE	dh	i_V
SO2-MW4	5/14/2013	13:10	Dry			
SO2-MW4	6/19/2013	11:48	Dry			
SO2-MW4	7/17/2013	12:28	Dry			
SO2-MW4	8/16/2013	8:00	Dry			
SO2-MW4	9/13/2013	7:22	Dry			
SO2-MW4	10/23/2013	15:52	Dry			
SO2-MW4	11/19/2013	10:03	Dry			
SO2-MW4	12/26/2013	13:28	Dry			
SO2-MW5s	1/22/2013	13:10	63.45	205.61	0.18	0.01
SO2-MW5s	2/12/2013	12:58	65.01	204.05	0.28	0.02
SO2-MW5s	3/19/2013	11:55	66.31	202.75	0.53	0.03
SO2-MW5s	4/23/2013	11:50	70.61	198.45	-0.20	-0.01
SO2-MW5s	5/14/2013	13:18	68.68	200.38	0.21	0.01
SO2-MW5s	6/19/2013	11:55	72.38	196.68	0.35	0.02
SO2-MW5s	7/17/2013	12:20	76.07	192.99	0.33	0.02
SO2-MW5s	8/16/2013	8:08	77.66	191.40	0.02	0.00
SO2-MW5s	9/13/2013	7:27	77.50	191.56	0.09	0.01
SO2-MW5s	10/23/2013	15:59	76.67	192.39	0.12	0.01
SO2-MW5s	11/19/2013	10:10	77.32	191.74	0.06	0.00
SO2-MW5s	12/26/2013	13:09	75.48	193.58	0.04	0.00
SO2-MW5d	1/22/2013	13:13	63.38	205.43		
SO2-MW5d	2/12/2013	13:01	65.04	203.77		
SO2-MW5d	3/19/2013	11:57	66.59	202.22		
SO2-MW5d	4/23/2013	11:53	70.16	198.65		
SO2-MW5d	5/14/2013	13:20	68.64	200.17		
SO2-MW5d	6/19/2013	11:58	72.48	196.33		
SO2-MW5d	7/17/2013	12:23	76.15	192.66		
SO2-MW5d	8/16/2013	8:10	77.43	191.38		
SO2-MW5d	9/13/2013	7:30	77.34	191.47		
SO2-MW5d	10/23/2013	16:02	76.54	192.27		
SO2-MW5d	11/19/2013	10:13	77.13	191.68		
SO2-MW5d	12/26/2013	13:06	75.27	193.54		
SO2-MW6s	1/22/2013	13:20	62.26	204.95	0.12	0.01
SO2-MW6s	2/12/2013	13:07	63.42	203.79	0.22	0.01
SO2-MW6s	3/19/2013	12:31	64.41	202.80	0.21	0.01
SO2-MW6s	4/23/2013	12:20	68.85	198.36	0.09	0.01
SO2-MW6s	5/14/2013	13:26	66.75	200.46	0.38	0.02
SO2-MW6s	6/19/2013	12:05	69.74	197.47	0.21	0.01
SO2-MW6s	7/17/2013	12:10	73.17	194.04	0.20	0.01
SO2-MW6s	8/16/2013	8:15	75.01	192.20	0.07	0.00
SO2-MW6s	9/13/2013	7:40	75.08	192.13	0.11	0.01
SO2-MW6s	10/23/2013	16:10	74.68	192.53	0.07	0.00
SO2-MW6s	11/19/2013	10:17	75.00	192.21	0.11	0.01
SO2-MW6s	12/26/2013	13:15	73.96	193.25	0.04	0.00
SO2-MW6d	1/22/2013	13:24	62.25	204.83		
SO2-MW6d	2/12/2013	13:09	63.51	203.57		
SO2-MW6d	3/19/2013	12:34	64.49	202.59		
SO2-MW6d	4/23/2013	12:23	68.81	198.27		
SO2-MW6d	5/14/2013	13:28	67.00	200.08		
SO2-MW6d	6/19/2013	12:08	69.82	197.26		
SO2-MW6d	7/17/2013	12:14	73.24	193.84		
SO2-MW6d	8/16/2013	8:18	74.95	192.13		
SO2-MW6d	9/13/2013	7:44	75.06	192.02		
SO2-MW6d	10/23/2013	16:14	74.62	192.46		
SO2-MW6d	11/19/2013	10:20	74.98	192.10		
SO2-MW6d	12/26/2013	13:18	73.87	193.21		
SO2-MW7s	1/22/2013	14:00	60.52	208.12	-0.06	-0.00
SO2-MW7s	2/12/2013	13:32	61.78	206.86	0.53	0.04
SO2-MW7s	3/19/2013	13:20	62.45	206.19	0.01	0.00
SO2-MW7s	4/23/2013	12:10	63.83	204.81	0.15	0.01
SO2-MW7s	5/14/2013	13:35	64.79	203.85	-0.01	-0.00
SO2-MW7s	6/19/2013	12:40	68.37	200.27	0.25	0.02
SO2-MW7s	7/17/2013	12:00	72.32	196.32	0.13	0.01
SO2-MW7s	8/16/2013	8:48	73.29	195.35	0.04	0.00
SO2-MW7s	9/13/2013	7:51	73.61	195.03	0.04	0.00
SO2-MW7s	10/23/2013	16:19	72.79	195.85	0.05	0.00
SO2-MW7s	11/19/2013	10:30	73.55	195.09	0.06	0.00
SO2-MW7s	12/26/2013	13:36	72.34	196.30	-0.04	-0.00
SO2-MW7d	1/22/2013	14:05	60.36	208.18		
SO2-MW7d	2/12/2013	13:40	62.21	206.33		
SO2-MW7d	3/19/2013	13:22	62.36	206.18		
SO2-MW7d	4/23/2013	12:13	63.88	204.66		
SO2-MW7d	5/14/2013	13:37	64.68	203.86		
SO2-MW7d	6/19/2013	12:43	68.52	200.02		
SO2-MW7d	7/17/2013	12:04	72.35	196.19		
SO2-MW7d	8/16/2013	8:50	73.23	195.31		
SO2-MW7d	9/13/2013	7:55	73.55	194.99		
SO2-MW7d	10/23/2013	16:25	72.74	195.80		
SO2-MW7d	11/19/2013	10:35	73.51	195.03		
SO2-MW7d	12/26/2013	13:40	72.20	196.34		
SO2-MW8s	1/22/2013	13:38	Dry			
SO2-MW8s	2/12/2013	13:17	Dry			
SO2-MW8s	3/19/2013	13:38	Dry			
SO2-MW8s	4/23/2013	12:30	Dry			
SO2-MW8s	5/14/2013	13:01	Dry			
SO2-MW8s	6/19/2013	12:20	Dry			
SO2-MW8s	7/17/2013	12:40	Dry			
SO2-MW8s	8/16/2013	8:27	Dry			
SO2-MW8s	9/13/2013	7:08	Dry			
SO2-MW8s	10/23/2013	16:31	Dry			
SO2-MW8s	11/19/2013	10:40	Dry			
SO2-MW8s	12/26/2013	12:44	Dry			
SO2-MW8d	1/22/2013	13:42	65.51	206.89		
SO2-MW8d	2/12/2013	13:20	67.11	205.29		
SO2-MW8d	3/19/2013	13:42	68.41	203.99		
SO2-MW8d	4/23/2013	12:33	66.55	205.85		
SO2-MW8d	5/14/2013	13:04	70.81	201.59		
SO2-MW8d	6/19/2013	12:23	74.64	197.76		
SO2-MW8d	7/17/2013	12:44	79.06	193.34		
SO2-MW8d	8/16/2013	8:29	80.36	192.04		
SO2-MW8d	9/13/2013	7:12	79.74	192.66		
SO2-MW8d	10/23/2013	16:35	78.79	193.61		
SO2-MW8d	11/19/2013	10:45	79.32	193.08		
SO2-MW8d	12/26/2013	12:48	77.51	194.89		
SOJ-MW1	1/22/2013	12:23	Dry			
SOJ-MW1	2/12/2013	11:43	Dry			
SOJ-MW1	3/19/2013	11:10	Dry			
SOJ-MW1	4/23/2013	10:45	Dry			
SOJ-MW1	5/14/2013	10:40	Dry			
SOJ-MW1	6/19/2013	11:30	Dry			
SOJ-MW1	7/17/2013	11:17	Dry			
SOJ-MW1	8/16/2013	10:56	Dry			
SOJ-MW1	9/12/2013	9:16	Dry			

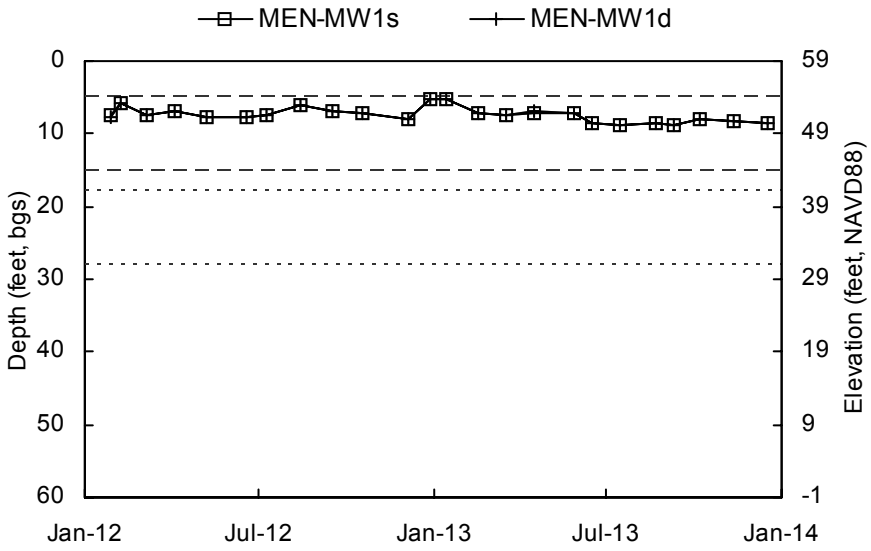
Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

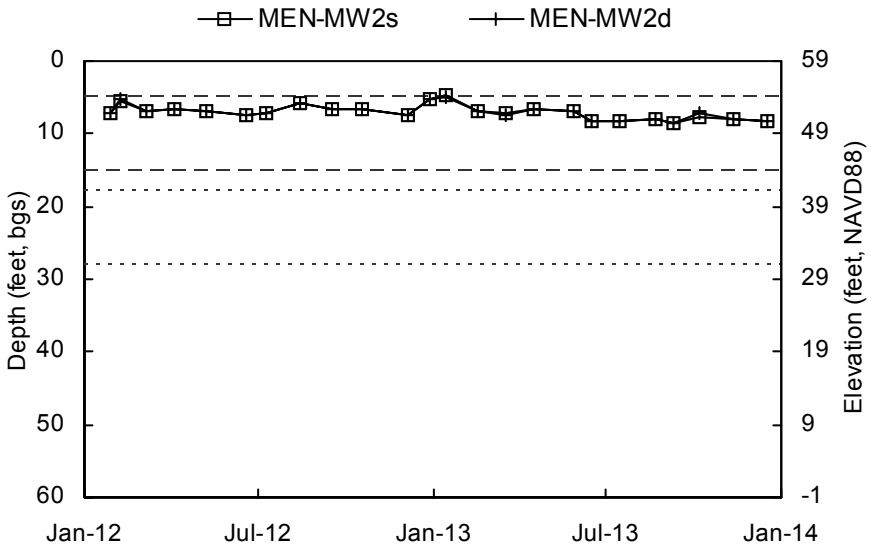
Well ID	Date	Time	DTW	GWE	dh	i_V
SOJ-MW1	10/23/2013	15:32	Dry			
SOJ-MW1	11/19/2013	9:50	Dry			
SOJ-MW1	12/26/2013	11:27	Dry			
SOJ-MW2	1/22/2013	12:36	Dry			
SOJ-MW2	2/12/2013	11:58	Dry			
SOJ-MW2	3/19/2013	11:21	Dry			
SOJ-MW2	4/23/2013	10:57	Dry			
SOJ-MW2	5/14/2013	10:49	Dry			
SOJ-MW2	6/19/2013	11:25	Dry			
SOJ-MW2	7/17/2013	11:00	Dry			
SOJ-MW2	8/16/2013	10:50	Dry			
SOJ-MW2	9/12/2013	9:59	Dry			
SOJ-MW2	10/23/2013	15:14	Dry			
SOJ-MW2	11/19/2013	10:05	Dry			
SOJ-MW2	12/26/2013	11:51	Dry			
SOJ-MW3	1/22/2013	12:26	Dry			
SOJ-MW3	2/12/2013	11:50	Dry			
SOJ-MW3	3/19/2013	11:15	Dry			
SOJ-MW3	4/23/2013	10:49	Dry			
SOJ-MW3	5/14/2013	10:58	Dry			
SOJ-MW3	6/19/2013	10:55	Dry			
SOJ-MW3	7/17/2013	11:12	Dry			
SOJ-MW3	8/16/2013	10:54	Dry			
SOJ-MW3	9/12/2013	9:21	Dry			
SOJ-MW3	10/23/2013	15:25	Dry			
SOJ-MW3	11/19/2013	9:54	Dry			
SOJ-MW3	12/26/2013	12:09	Dry			
SOJ-MW4	1/22/2013	12:31	Dry			
SOJ-MW4	2/12/2013	11:55	Dry			
SOJ-MW4	3/19/2013	11:05	Dry			
SOJ-MW4	4/23/2013	10:54	Dry			
SOJ-MW4	5/14/2013	11:07	Dry			
SOJ-MW4	6/19/2013	11:00	Dry			
SOJ-MW4	7/17/2013	11:06	Dry			
SOJ-MW4	8/16/2013	10:52	Dry			
SOJ-MW4	9/13/2013	9:29	Dry			
SOJ-MW4	10/23/2013	15:19	Dry			
SOJ-MW4	11/19/2013	9:59	Dry			
SOJ-MW4	12/26/2013	11:48	Dry			
SOJ-MW5s	1/22/2013	12:41	77.46	205.05	-0.01	-0.00
SOJ-MW5s	2/12/2013	12:08	77.54	204.97	-0.01	-0.00
SOJ-MW5s	3/19/2013	11:30	80.02	202.49	0.00	0.00
SOJ-MW5s	4/23/2013	11:01	82.02	200.49	0.05	0.00
SOJ-MW5s	5/14/2013	11:18	83.82	198.69	0.00	0.00
SOJ-MW5s	6/19/2013	11:10	87.30	195.21	0.02	0.00
SOJ-MW5s	7/17/2013	10:50	Dry			
SOJ-MW5s	8/16/2013	11:00	Dry			
SOJ-MW5s	9/12/2013	9:35	Dry			
SOJ-MW5s	10/23/2013	14:55	Dry			
SOJ-MW5s	11/19/2013	10:10	Dry			
SOJ-MW5s	12/26/2013	11:57	Dry			
SOJ-MW5d	1/22/2013	12:45	77.44	205.06		
SOJ-MW5d	2/12/2013	12:11	77.52	204.98		
SOJ-MW5d	3/19/2013	11:33	80.01	202.49		
SOJ-MW5d	4/23/2013	11:04	82.06	200.44		
SOJ-MW5d	5/14/2013	11:24	83.81	198.69		
SOJ-MW5d	6/19/2013	11:05	87.31	195.19		
SOJ-MW5d	7/17/2013	10:54	92.09	190.41		
SOJ-MW5d	8/16/2013	11:02	93.02	189.48		
SOJ-MW5d	9/12/2013	9:39	94.65	187.85		
SOJ-MW5d	10/23/2013	14:59	91.69	190.81		
SOJ-MW5d	11/19/2013	10:14	91.83	190.67		
SOJ-MW5d	12/26/2013	12:01	91.75	190.75		
SOJ-MW6s	1/22/2013	12:50	76.11	205.71	0.18	0.01
SOJ-MW6s	2/12/2013	12:16	76.13	205.69	0.17	0.01
SOJ-MW6s	3/19/2013	12:21	78.72	203.10	0.07	0.00
SOJ-MW6s	4/23/2013	11:08	80.85	200.97	0.17	0.01
SOJ-MW6s	5/14/2013	11:33	82.39	199.43	0.29	0.01
SOJ-MW6s	6/19/2013	11:19	86.13	195.69	0.20	0.01
SOJ-MW6s	7/17/2013	10:44	Dry			
SOJ-MW6s	8/16/2013	11:05	Dry			
SOJ-MW6s	9/12/2013	9:46	Dry			
SOJ-MW6s	10/23/2013	15:04	Dry			
SOJ-MW6s	11/19/2013	10:20	Dry			
SOJ-MW6s	12/26/2013	11:32	Dry			
SOJ-MW6d	1/22/2013	12:53	76.13	205.53		
SOJ-MW6d	2/12/2013	12:20	76.14	205.52		
SOJ-MW6d	3/19/2013	12:19	78.63	203.03		
SOJ-MW6d	4/23/2013	11:11	80.86	200.80		
SOJ-MW6d	5/14/2013	11:42	82.52	199.14		
SOJ-MW6d	6/19/2013	11:16	86.17	195.49		
SOJ-MW6d	7/17/2013	10:41	89.23	192.43		
SOJ-MW6d	8/16/2013	11:08	90.43	191.23		
SOJ-MW6d	9/12/2013	9:50	91.23	190.43		
SOJ-MW6d	10/23/2013	15:08	90.38	191.28		
SOJ-MW6d	11/19/2013	10:25	90.75	190.91		
SOJ-MW6d	12/26/2013	11:39	90.06	191.60		

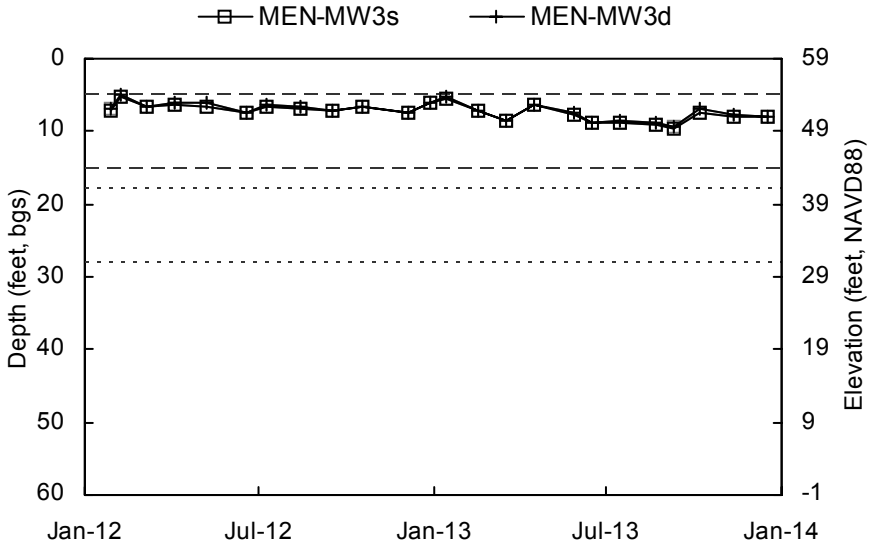
Table 5-4
Depth-to-Water Measurements (in feet below the top of PVC casing), Calculated Groundwater Elevations (NAVD88), Hydraulic Head Differences (dh), and Vertical Gradients (i_V, positive downward)

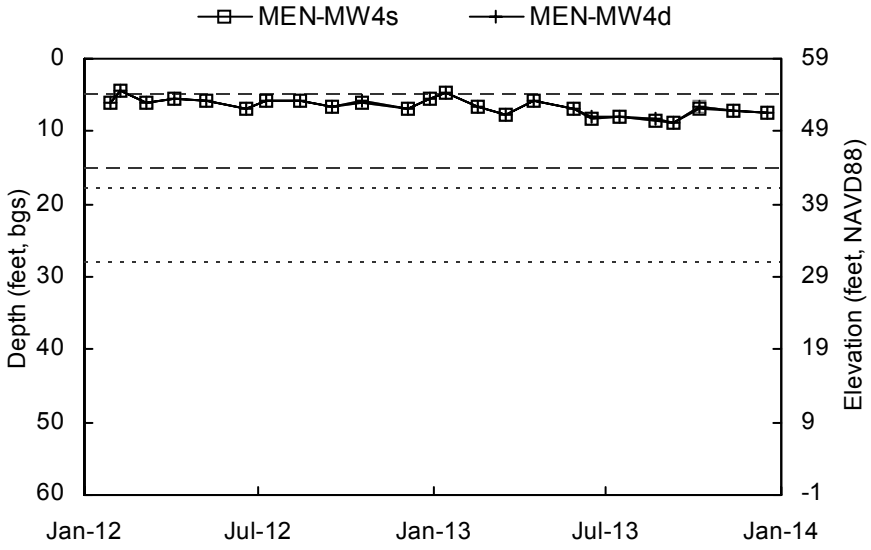
Well ID	Date	Time	DTW	GWE	dh	i_V	Well ID	Date	Time	DTW	GWE	dh	i_V

The vertical gradient is calculated based on the hydraulic head difference and the distance between the midpoints of the shallow and deep well screens.
DTW Notes: Dry = Well was dry; N/M = No measurement made; Q/M = Questionable measurement



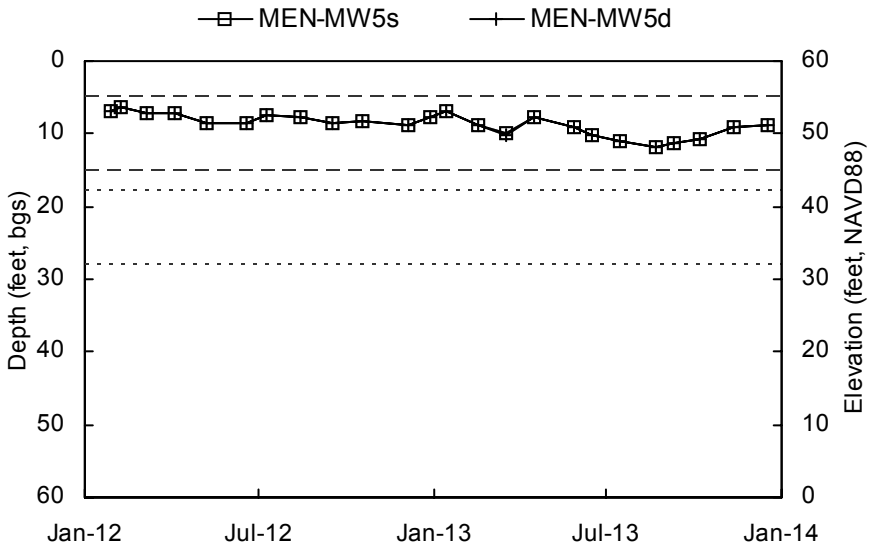


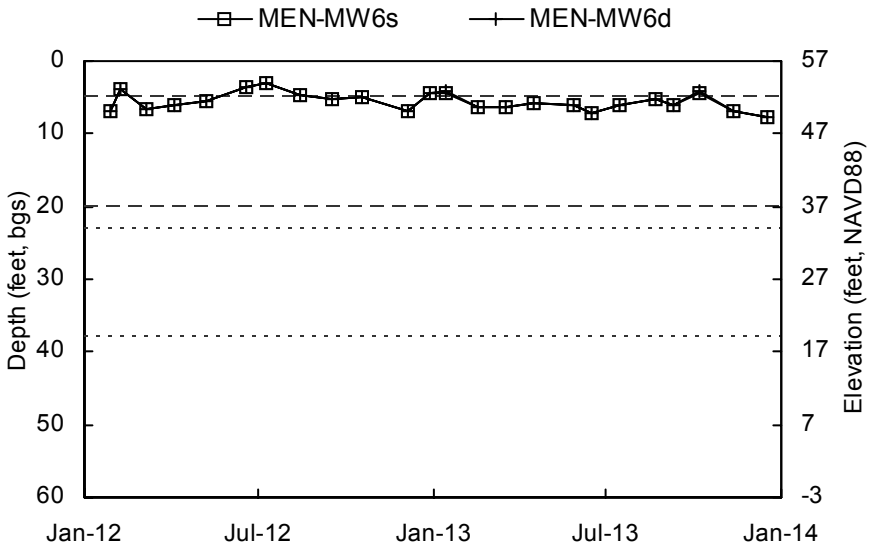


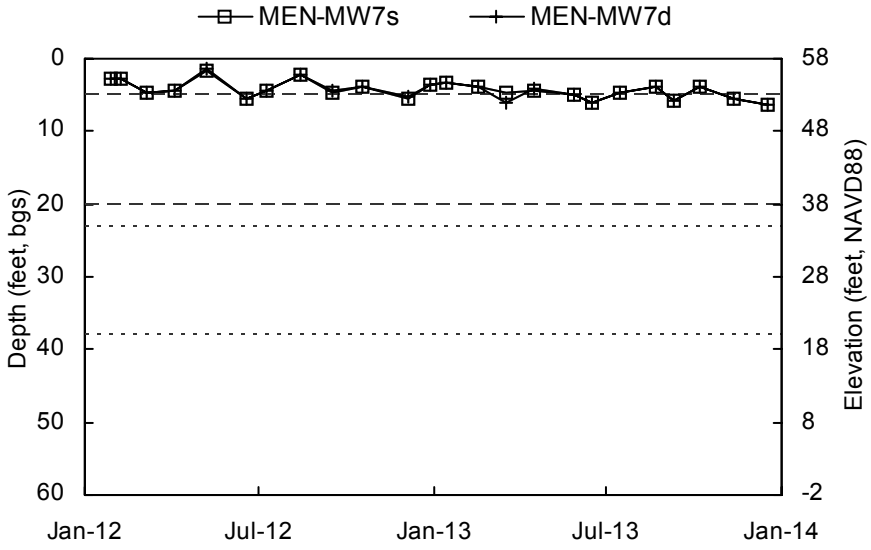


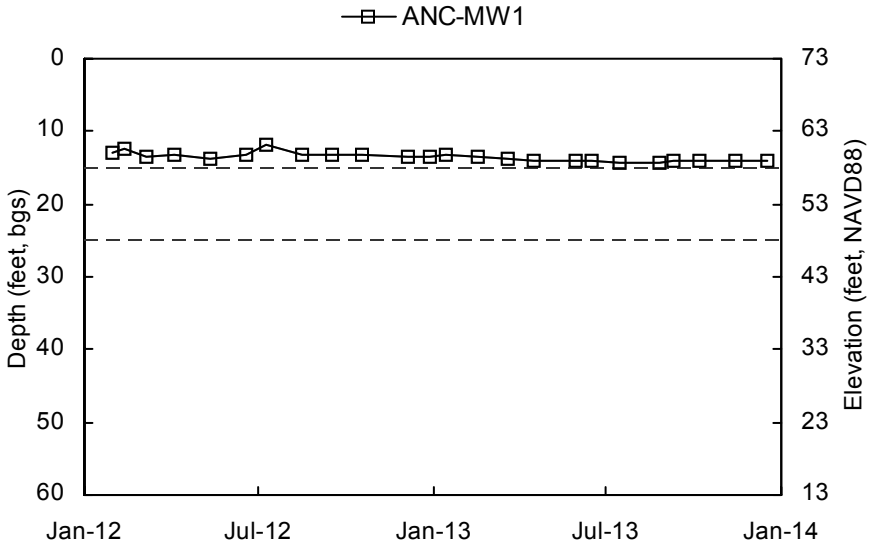
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



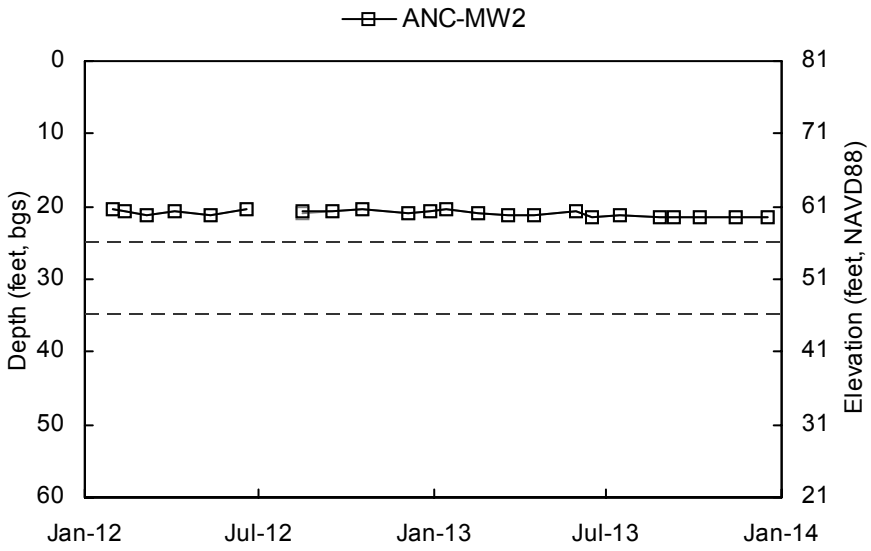


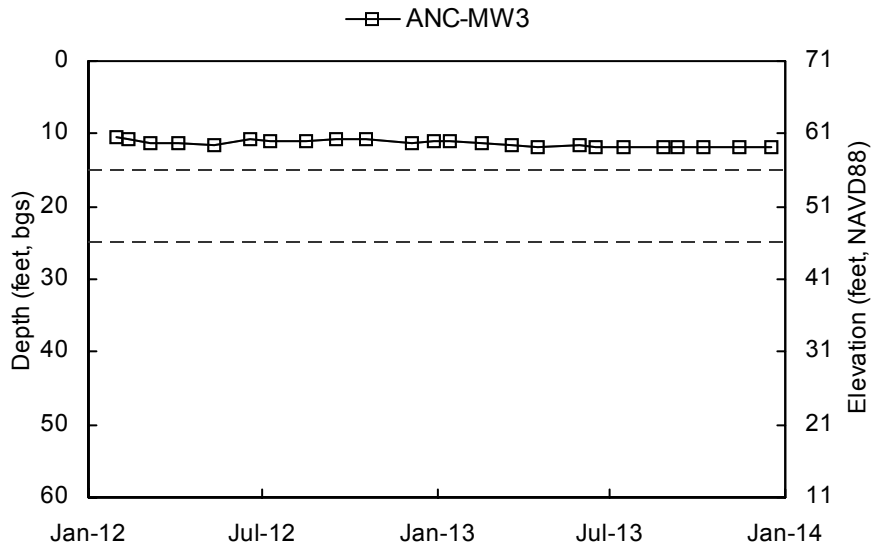


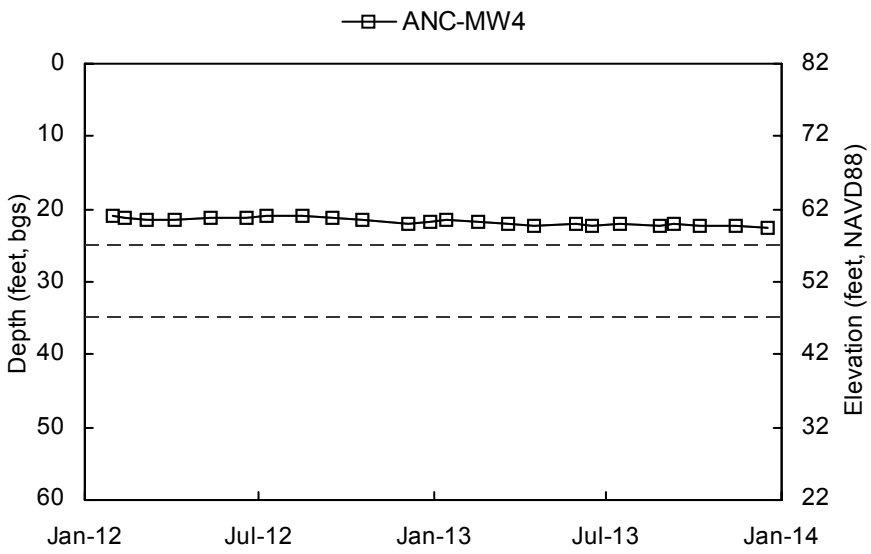


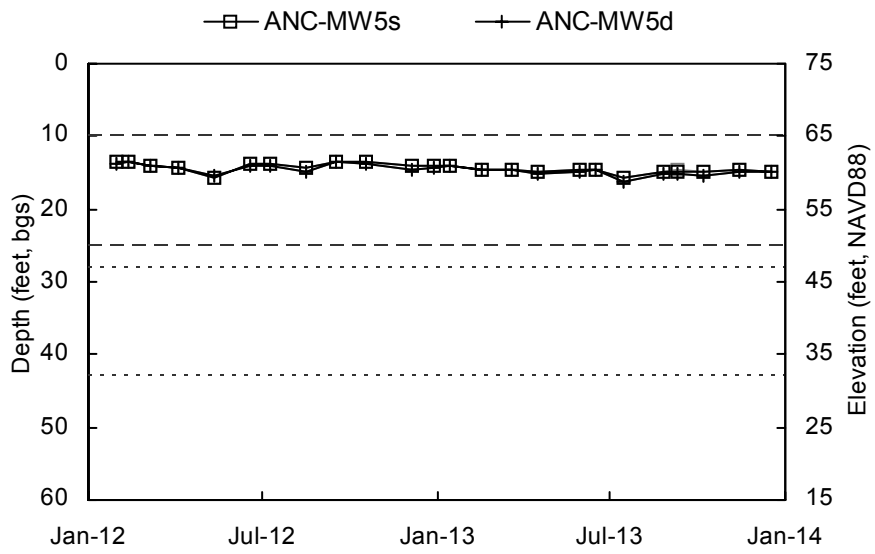
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



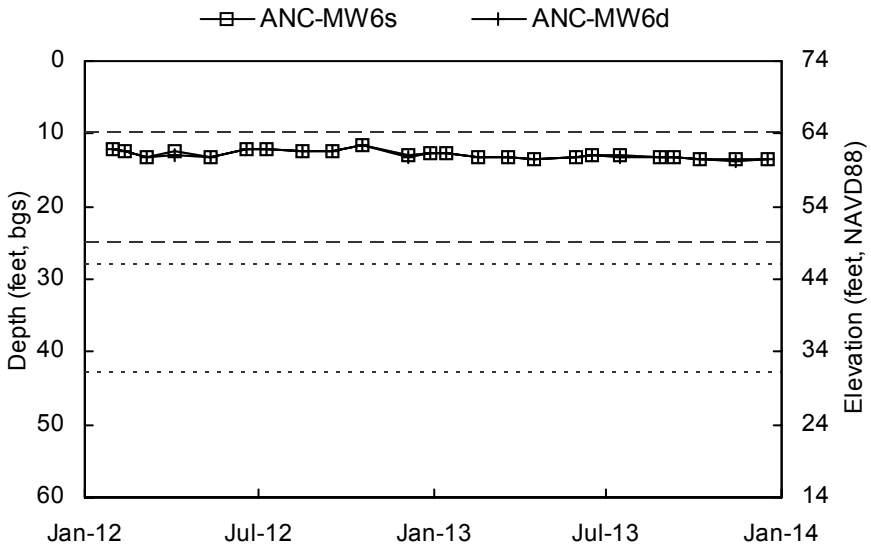


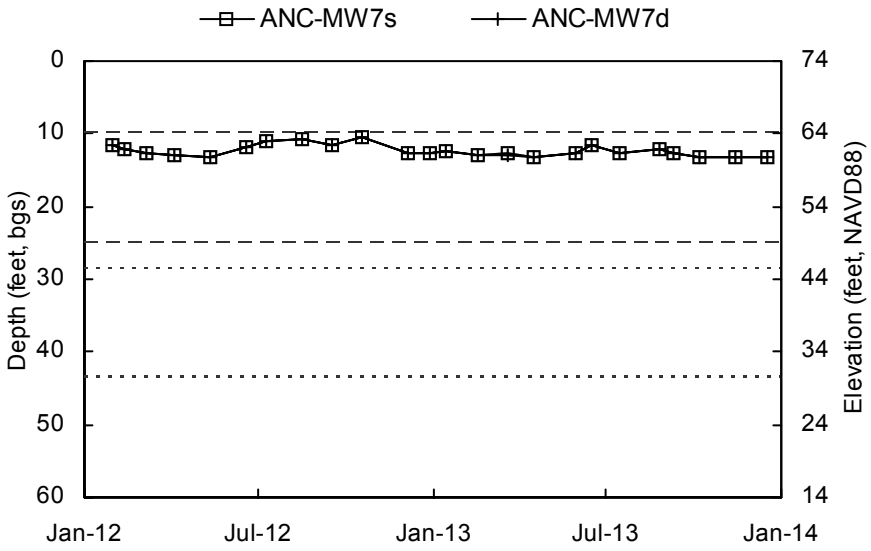


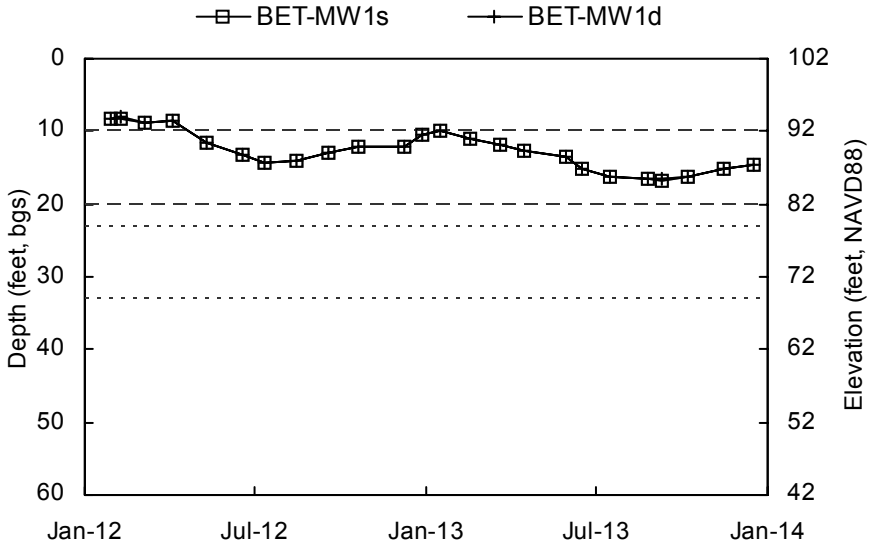


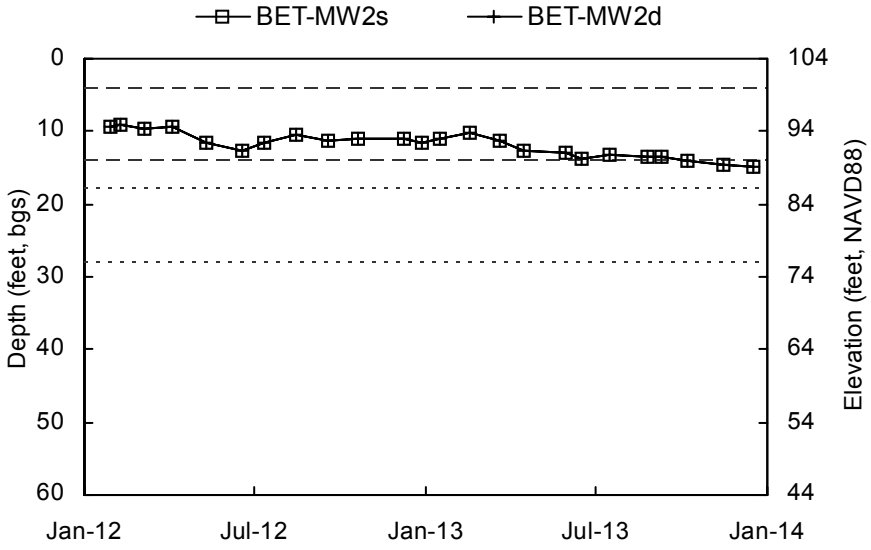
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



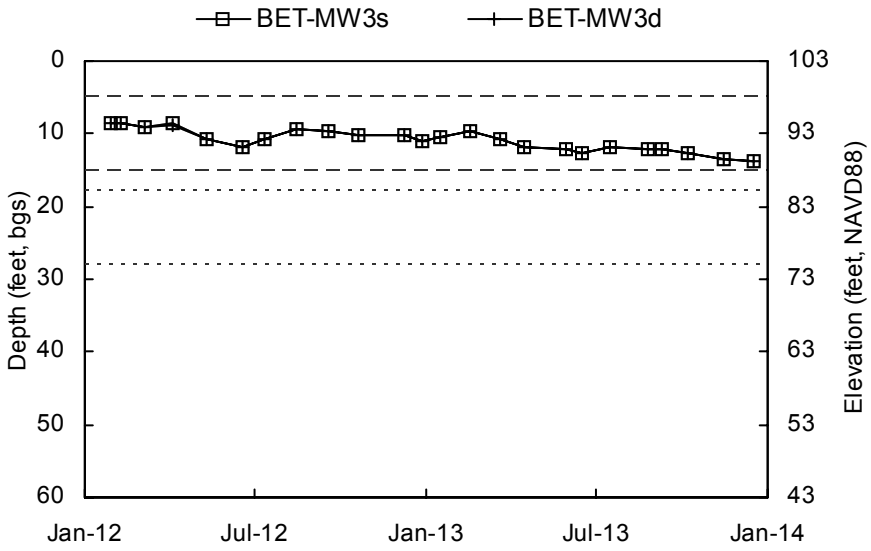


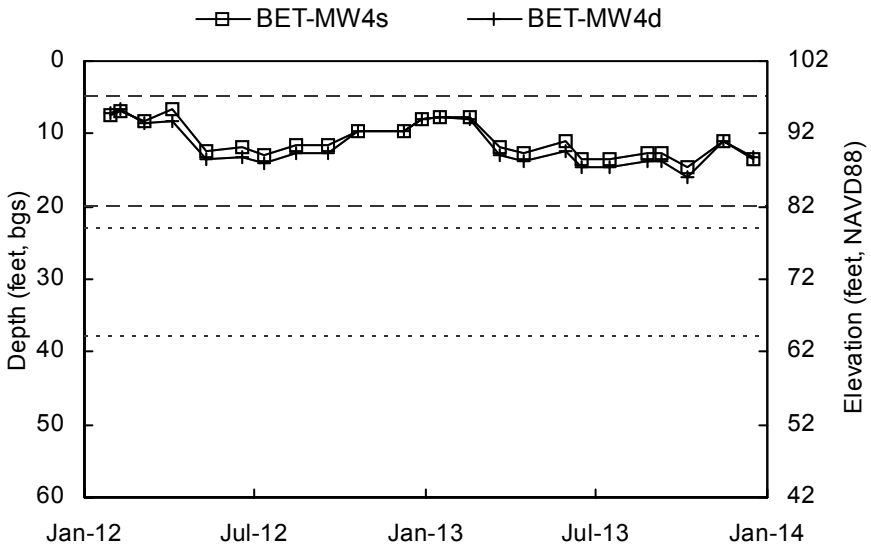


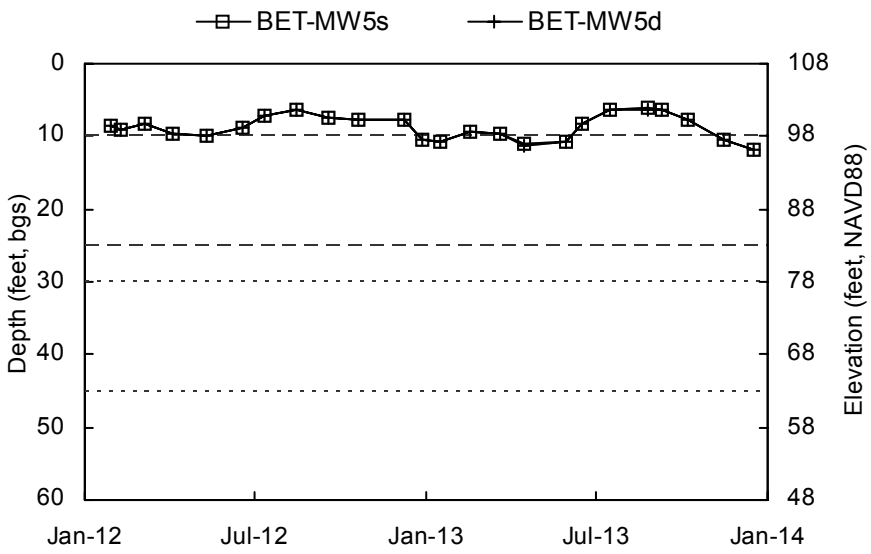


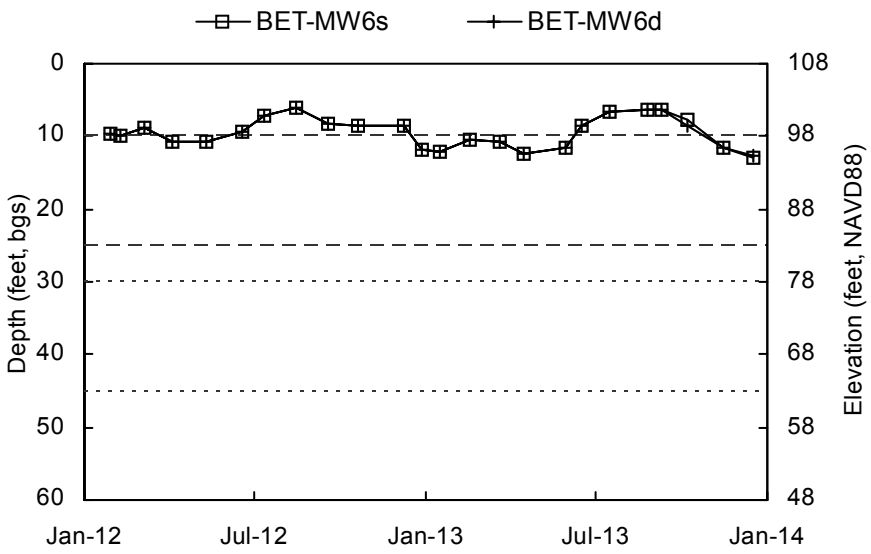
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



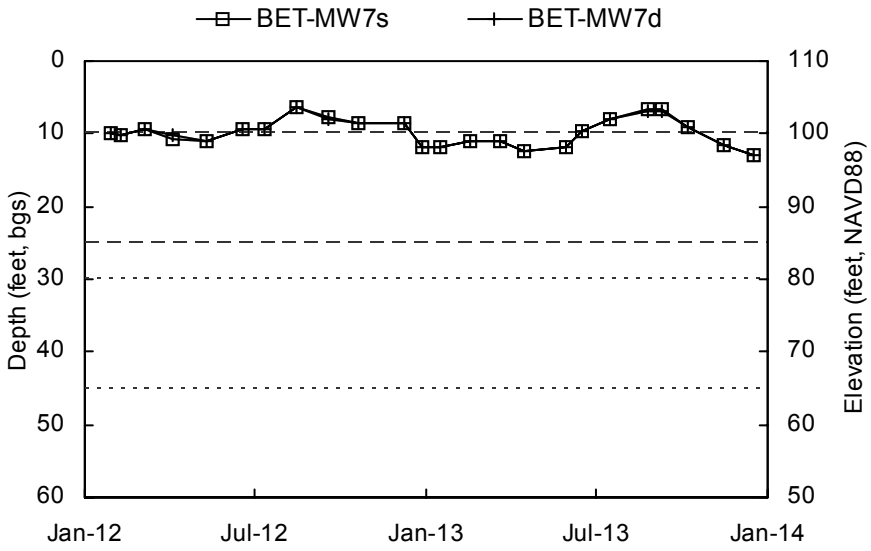


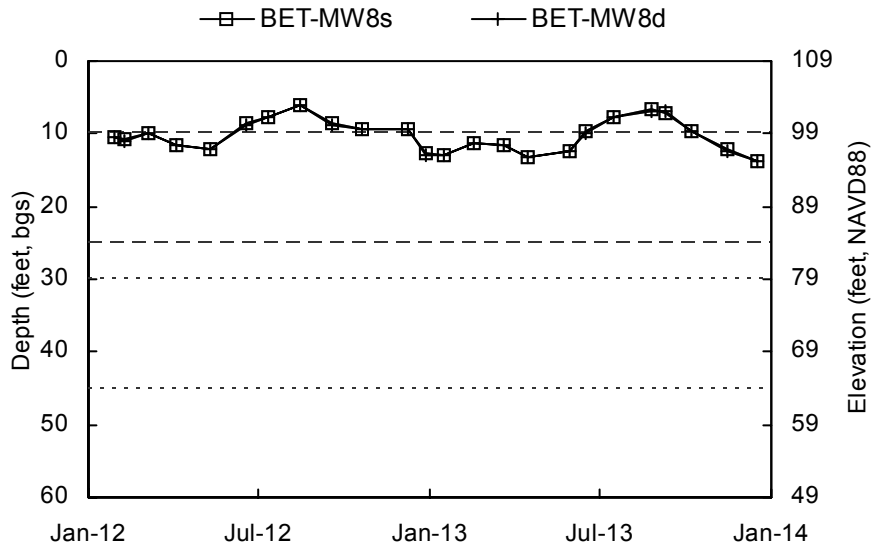


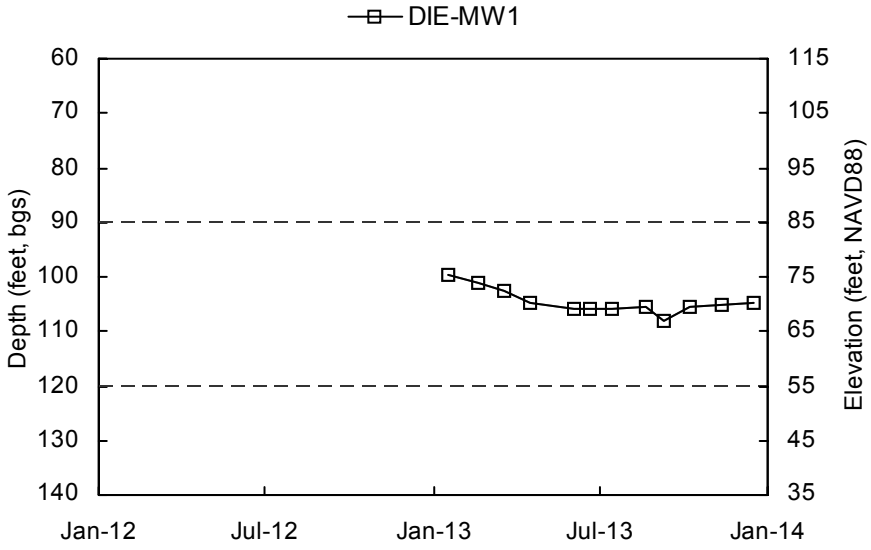


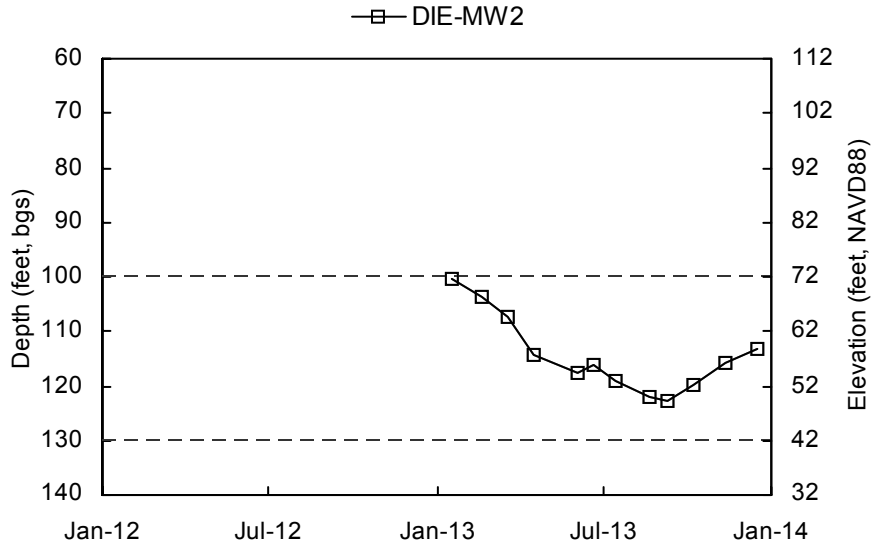
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



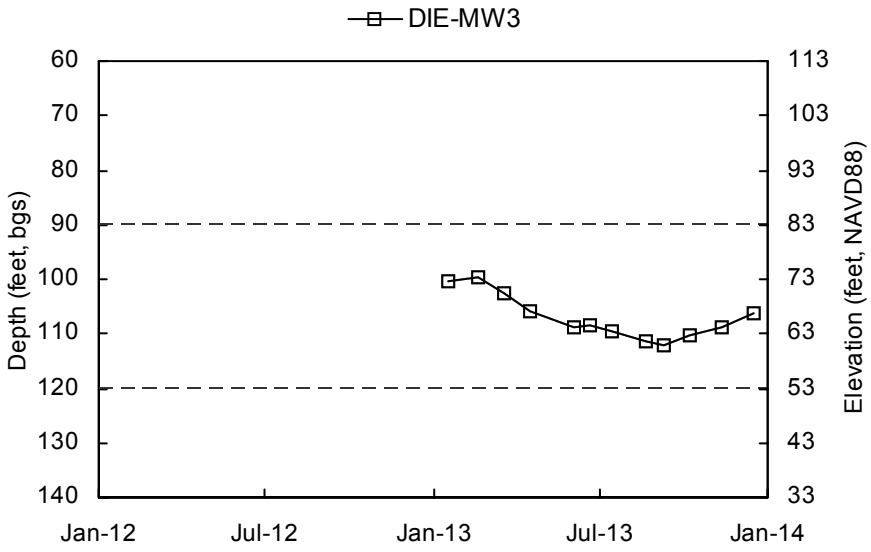


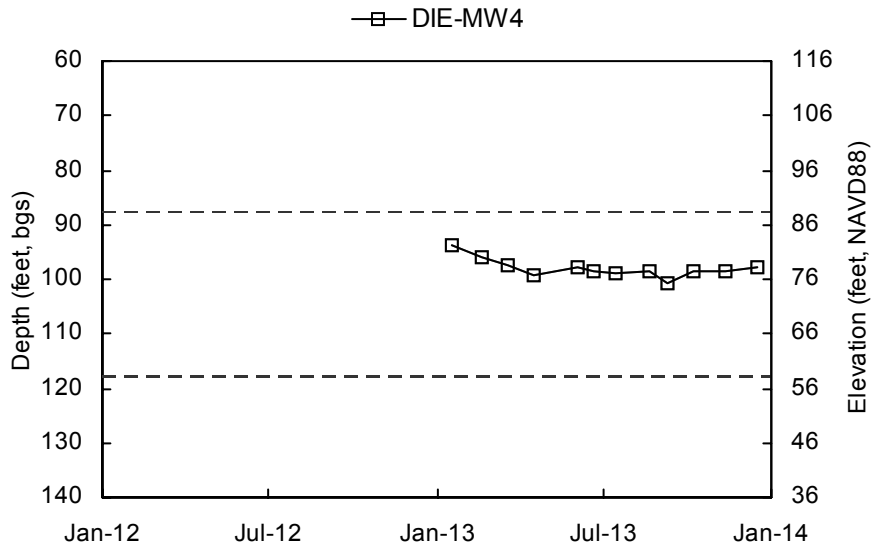


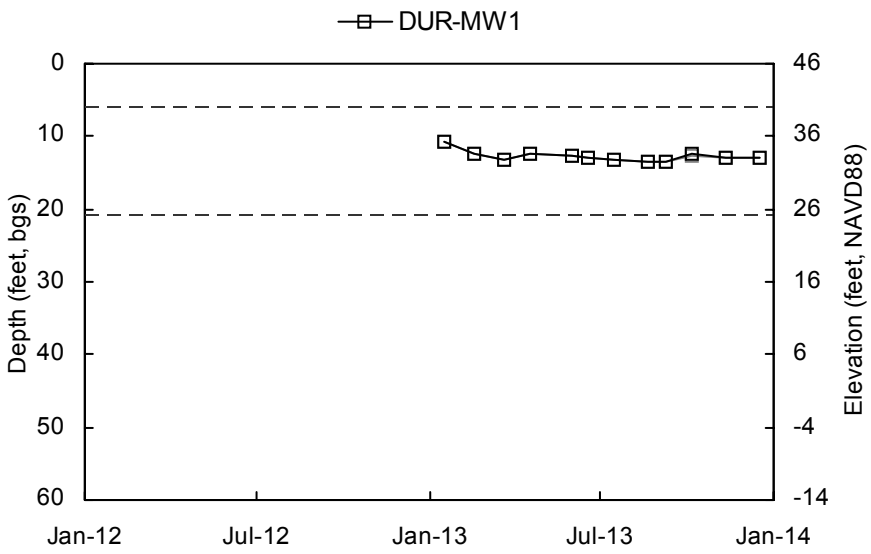


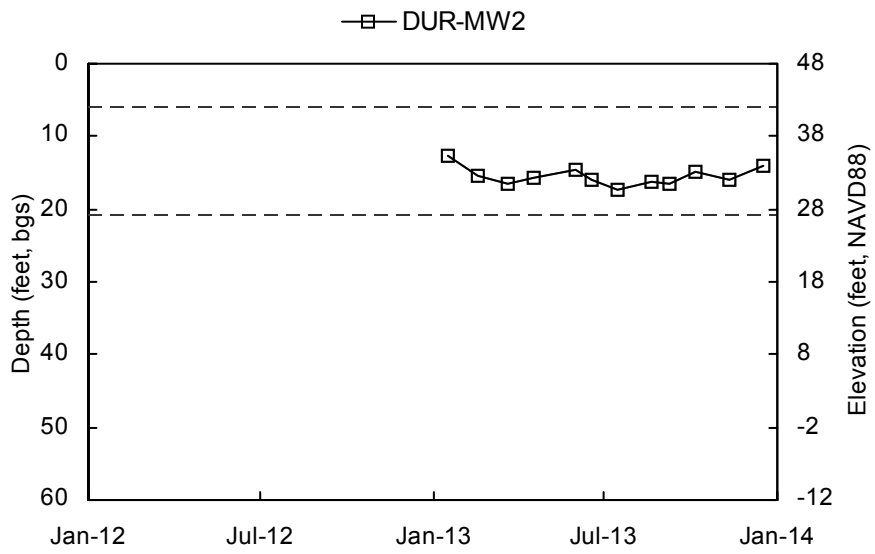
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



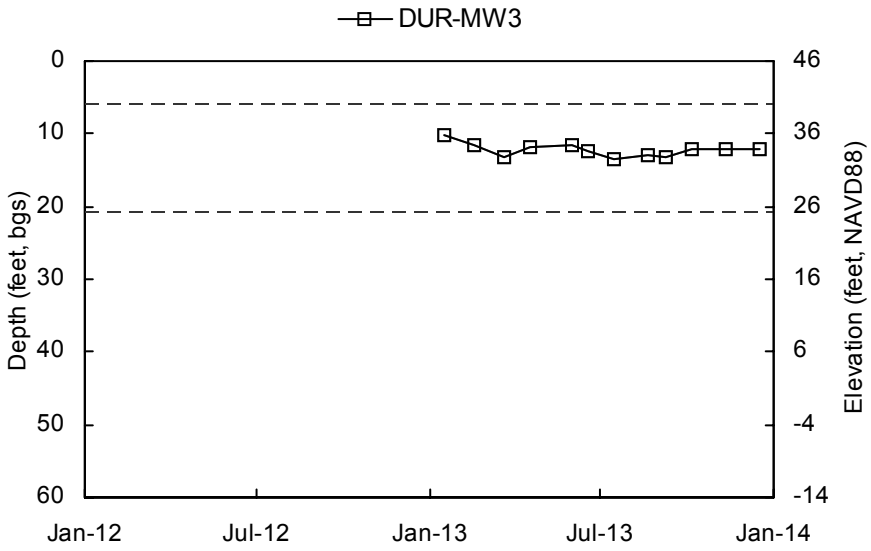


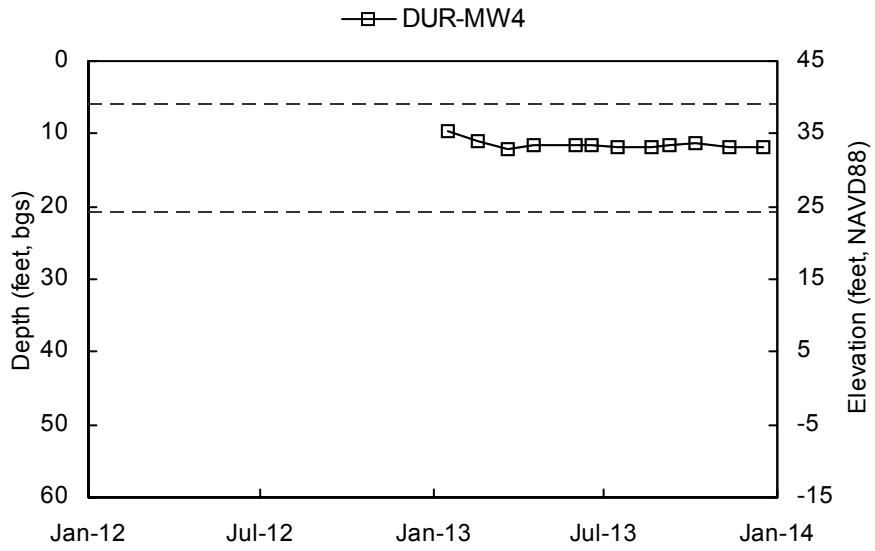


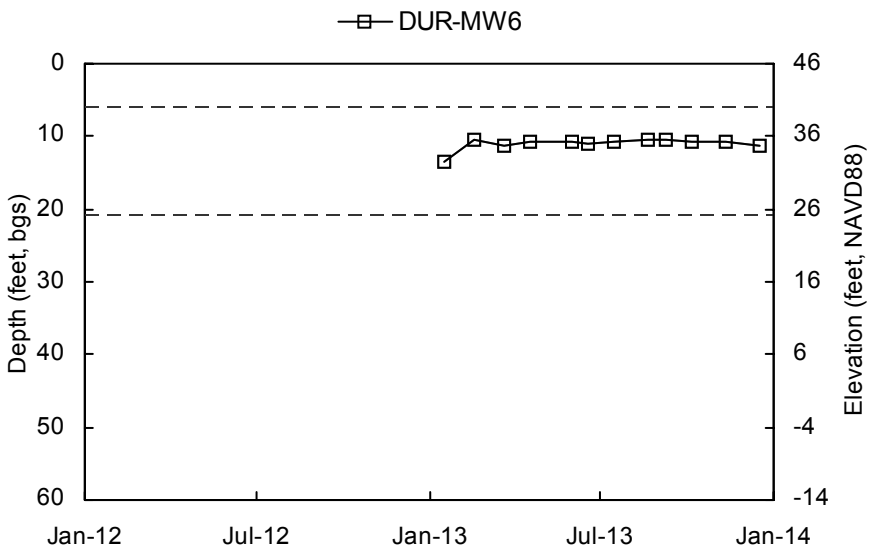


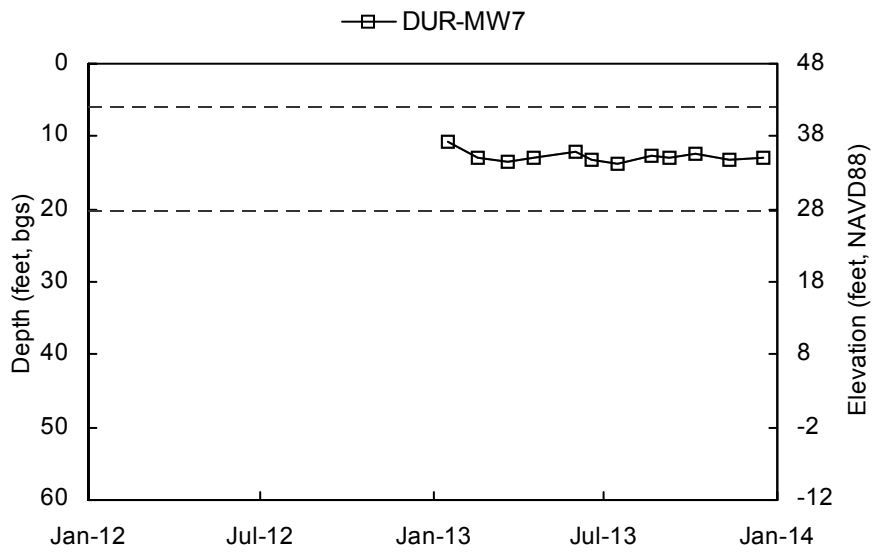
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



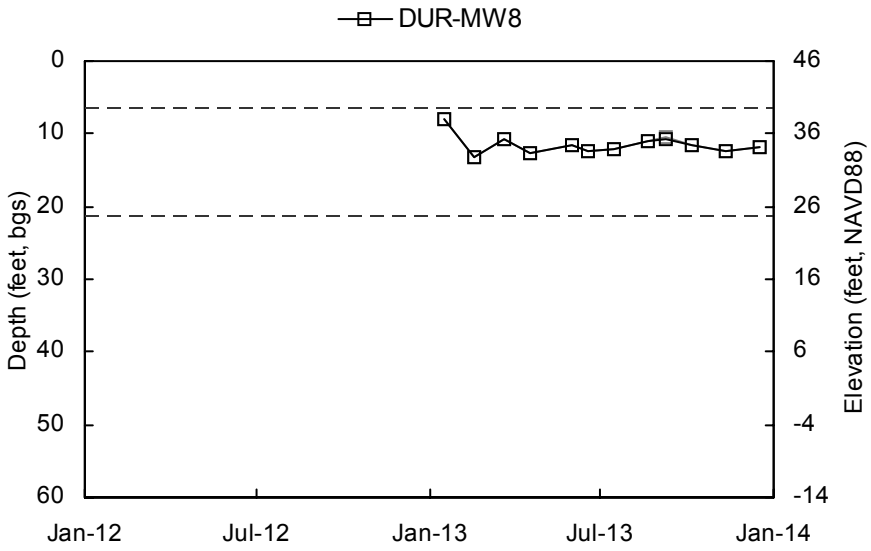


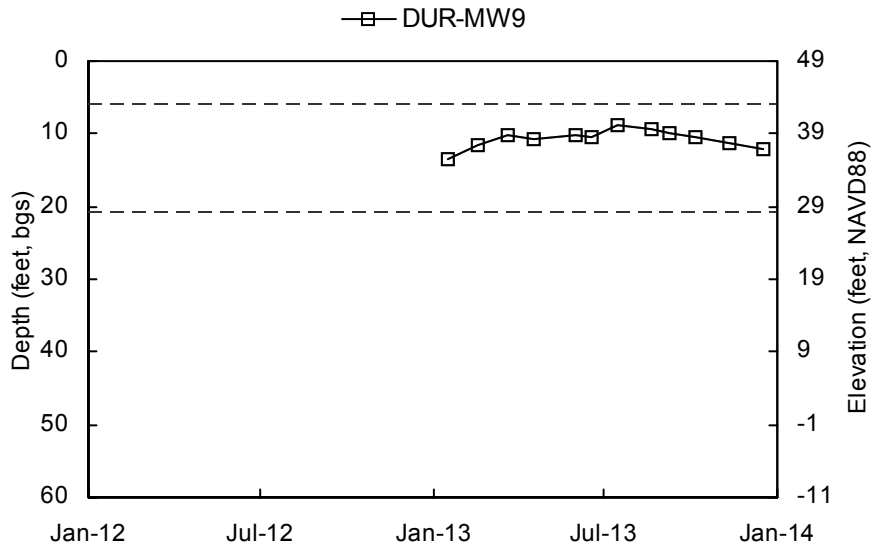


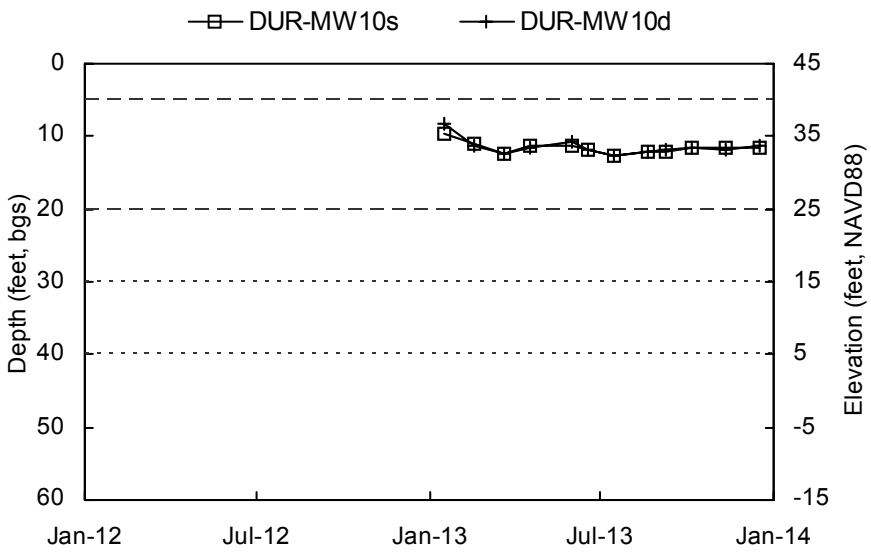


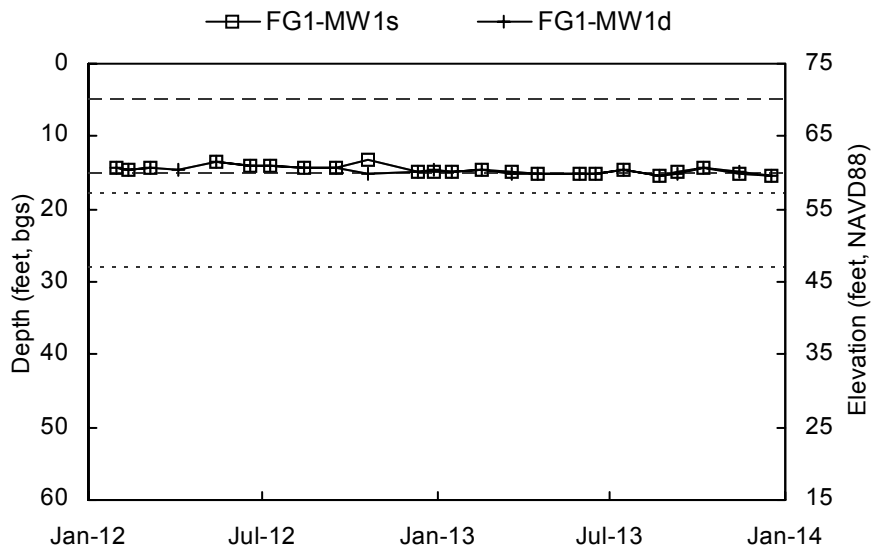
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



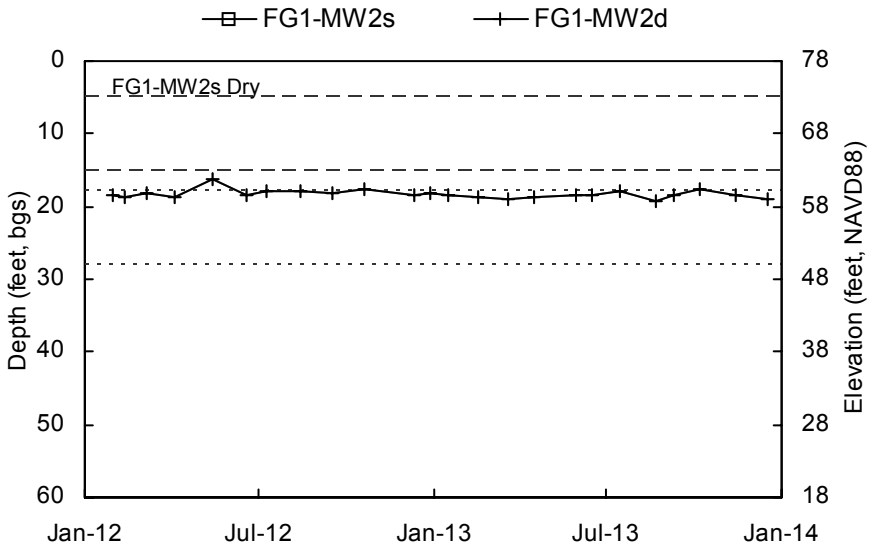


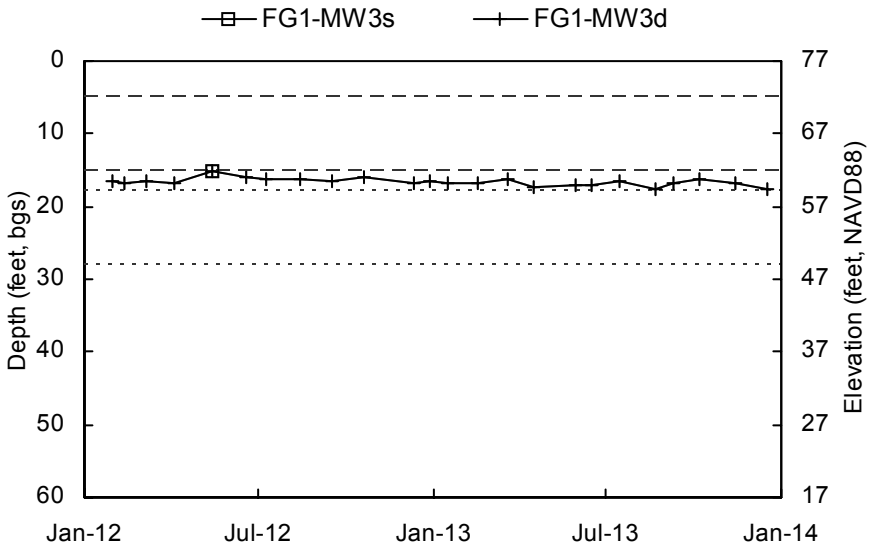


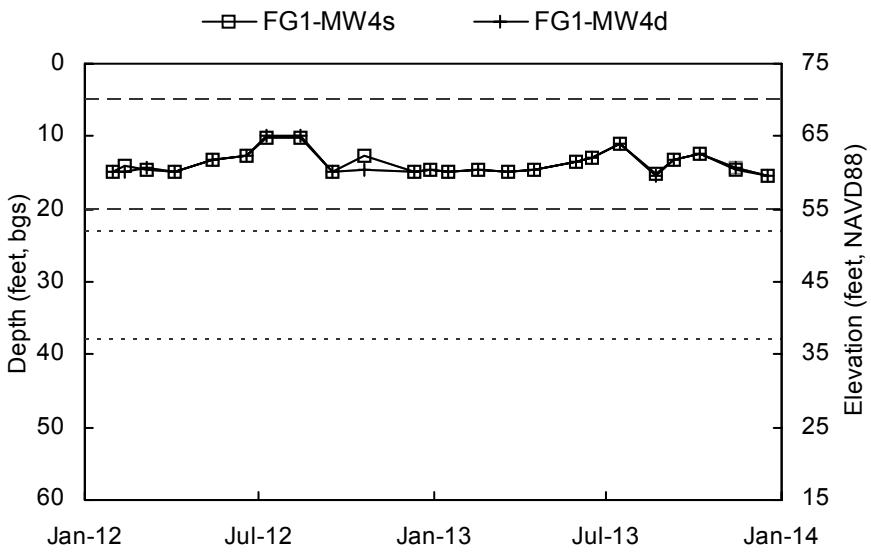


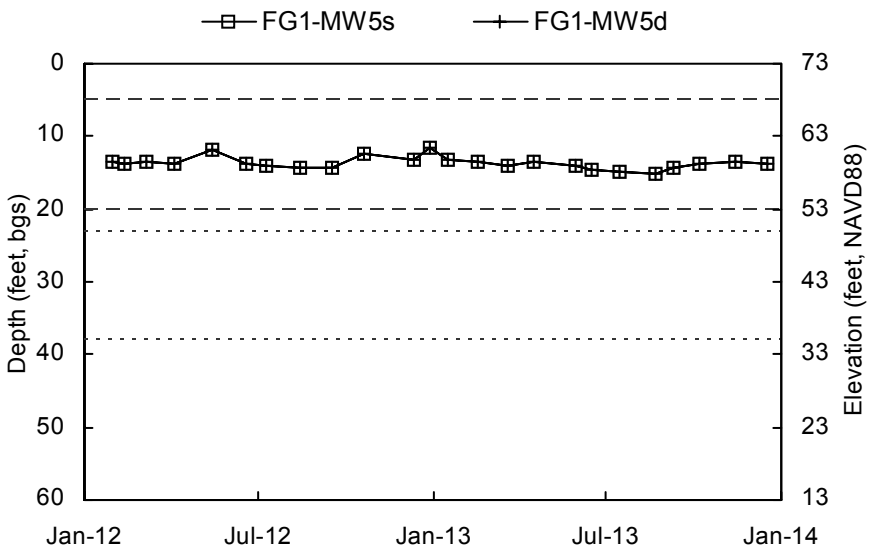
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



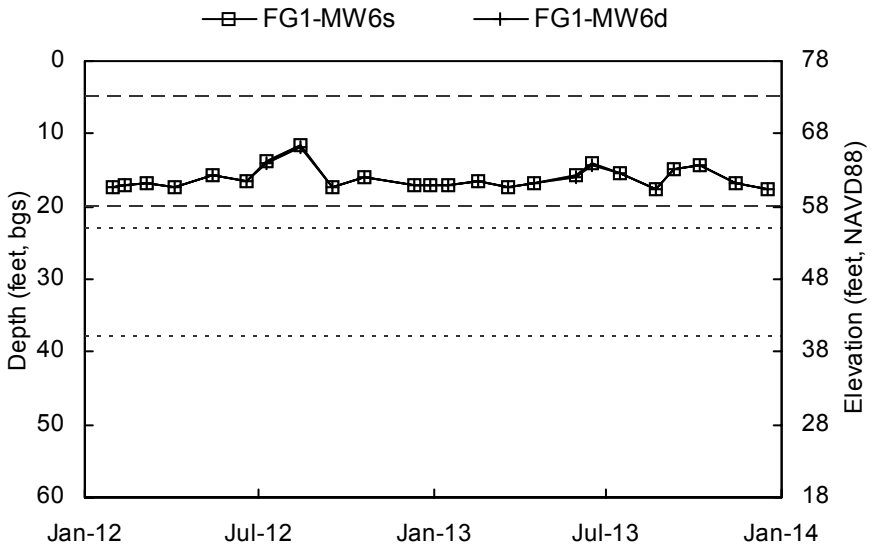


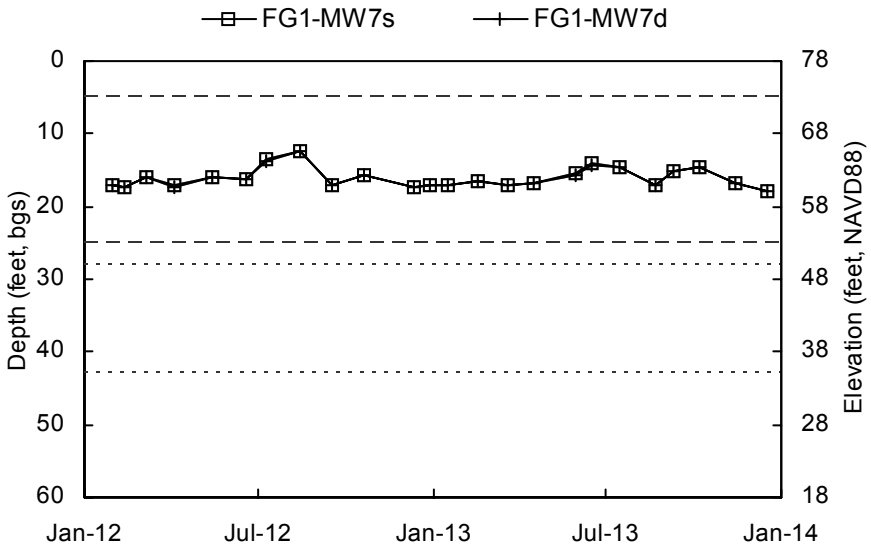


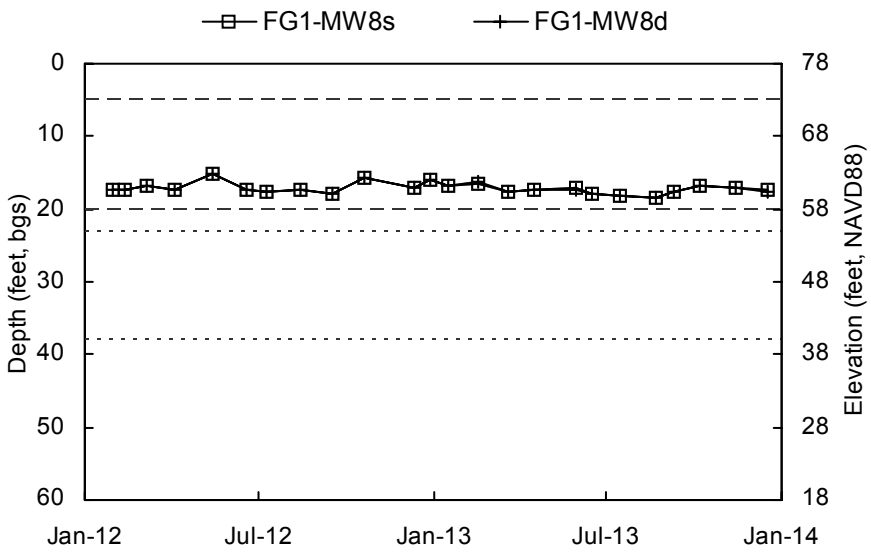


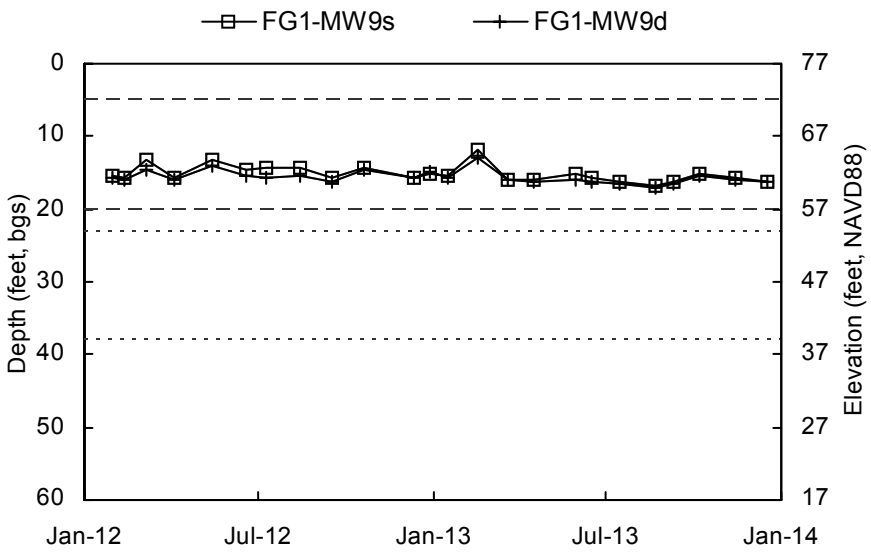
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



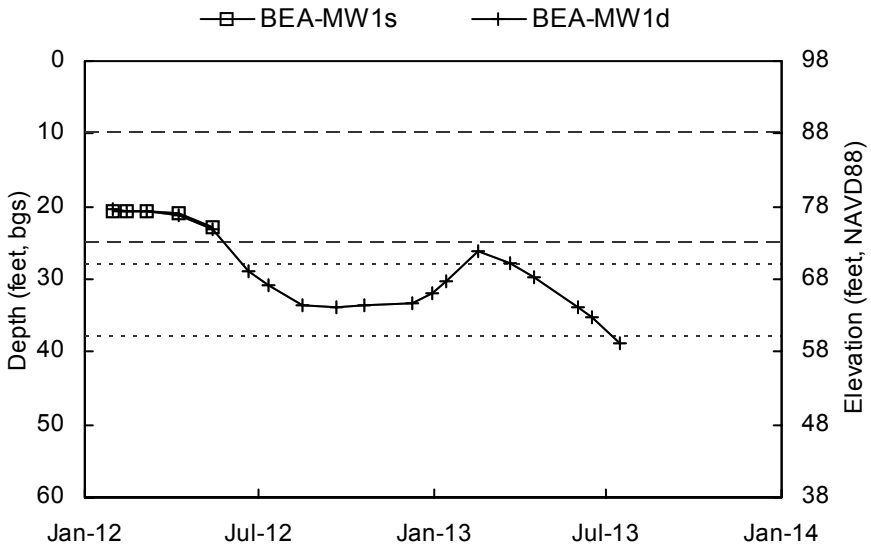


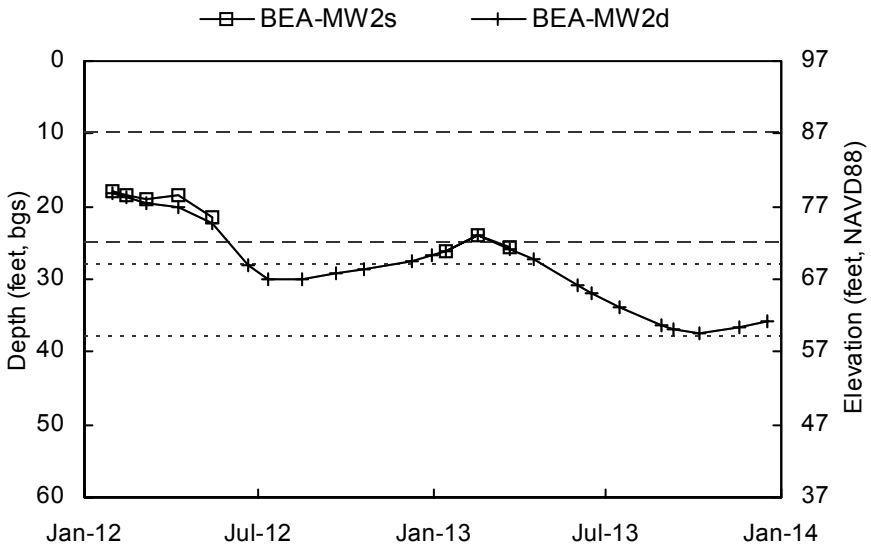


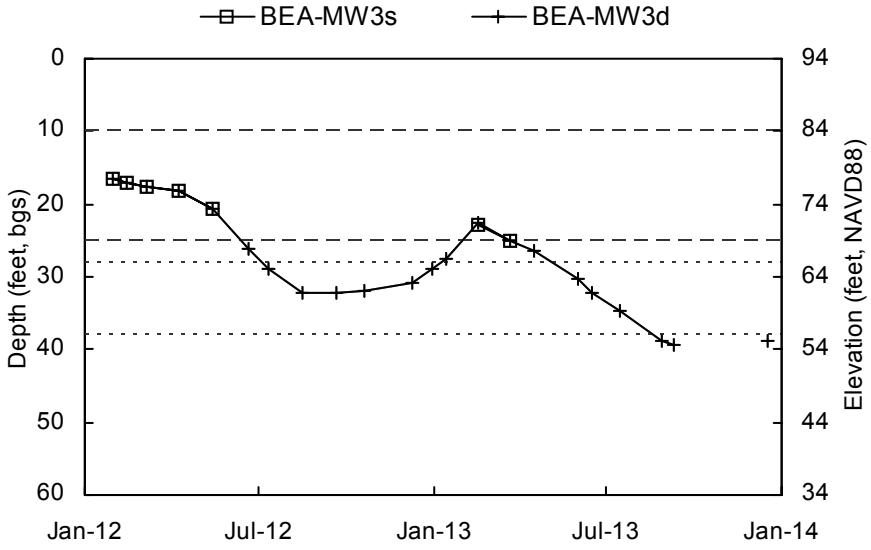


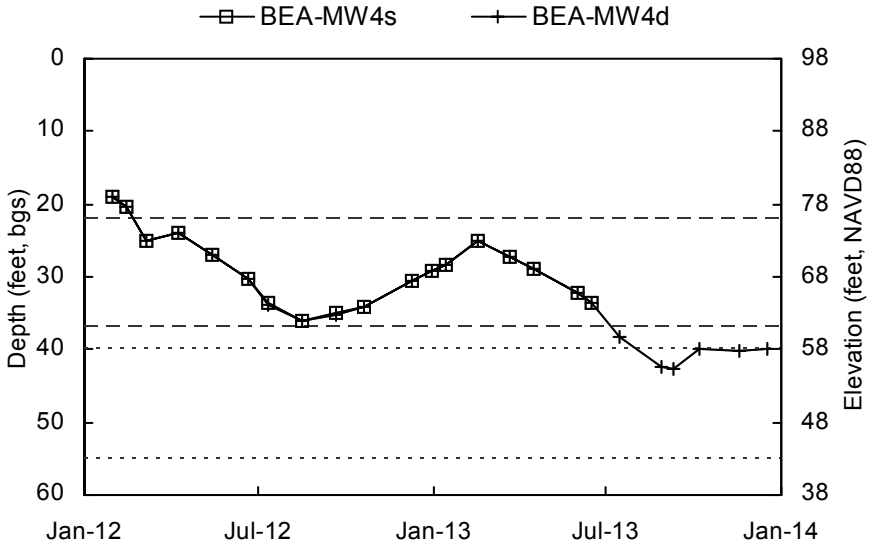
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



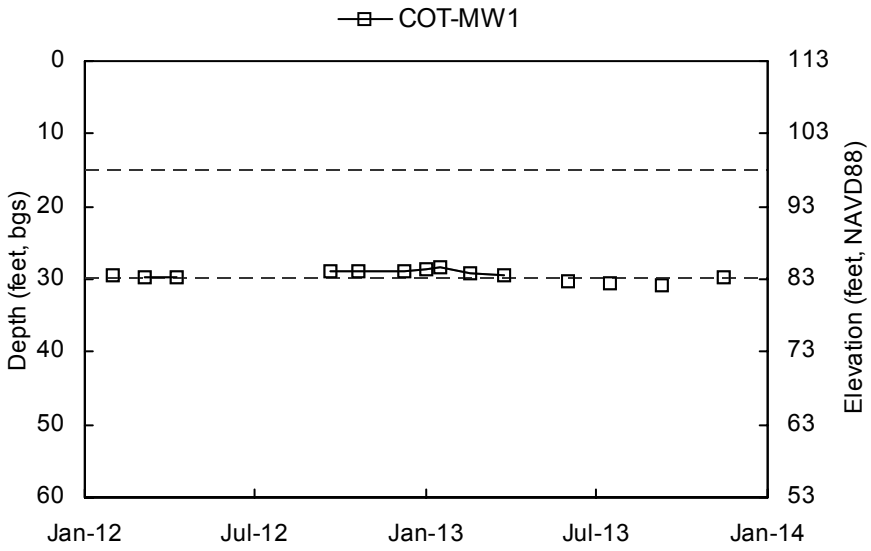


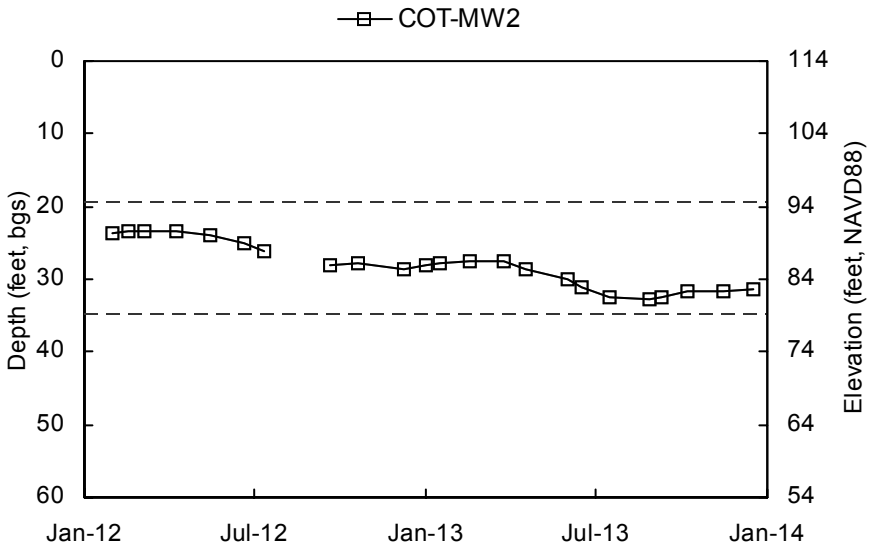


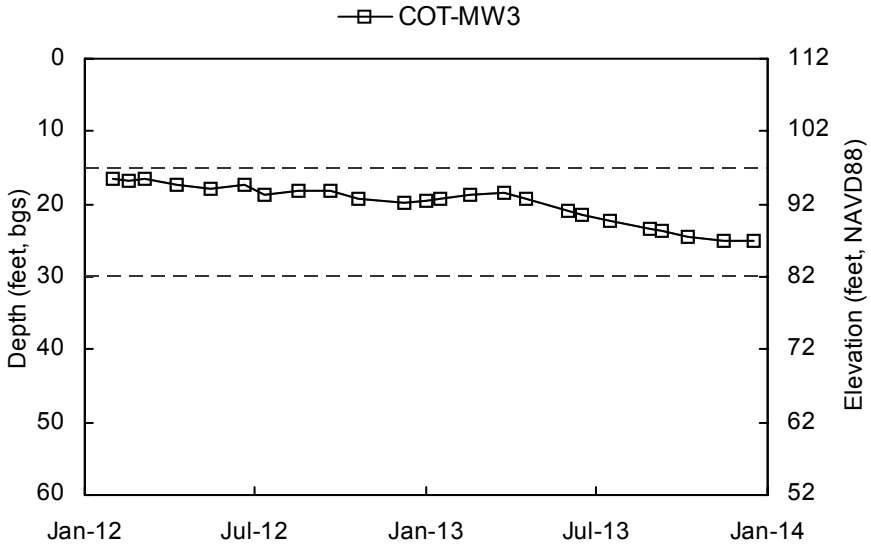


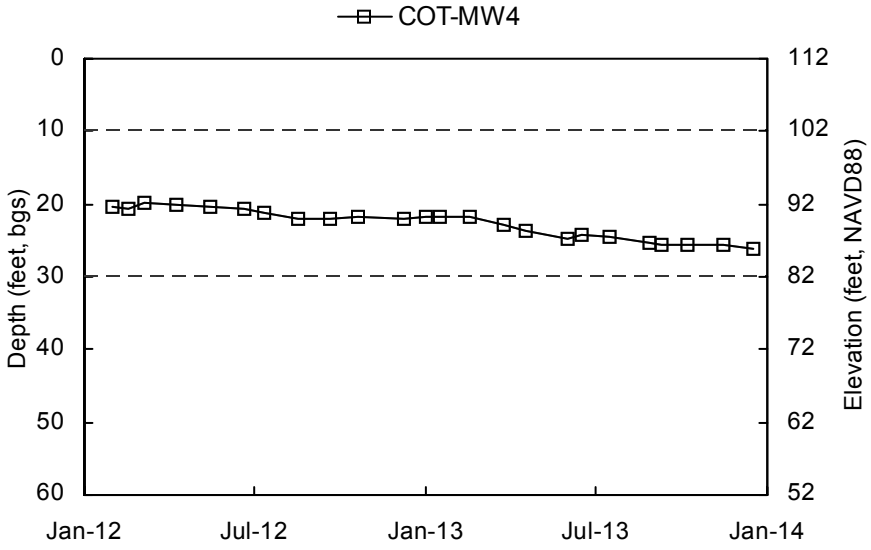
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



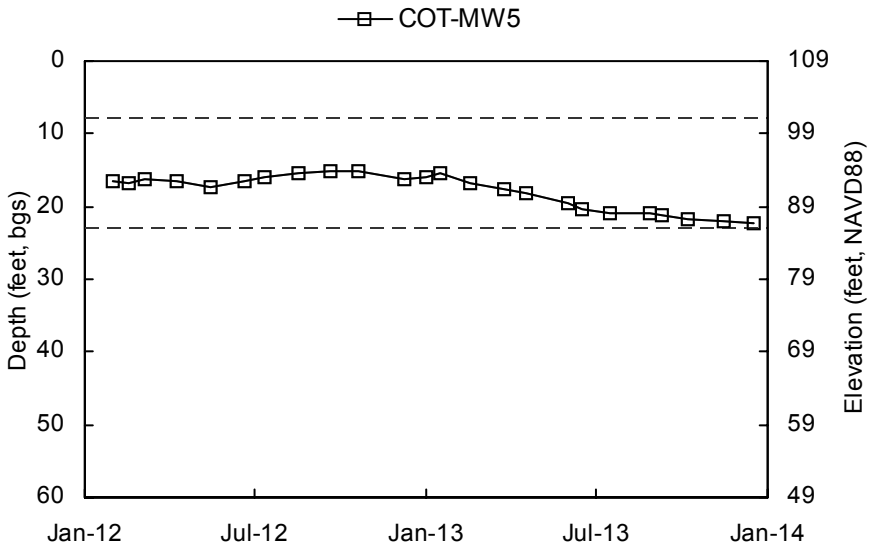


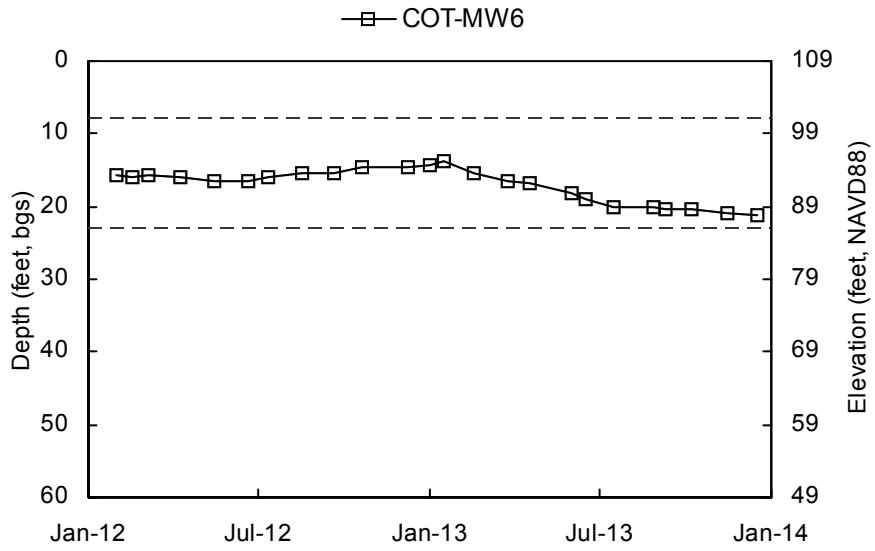


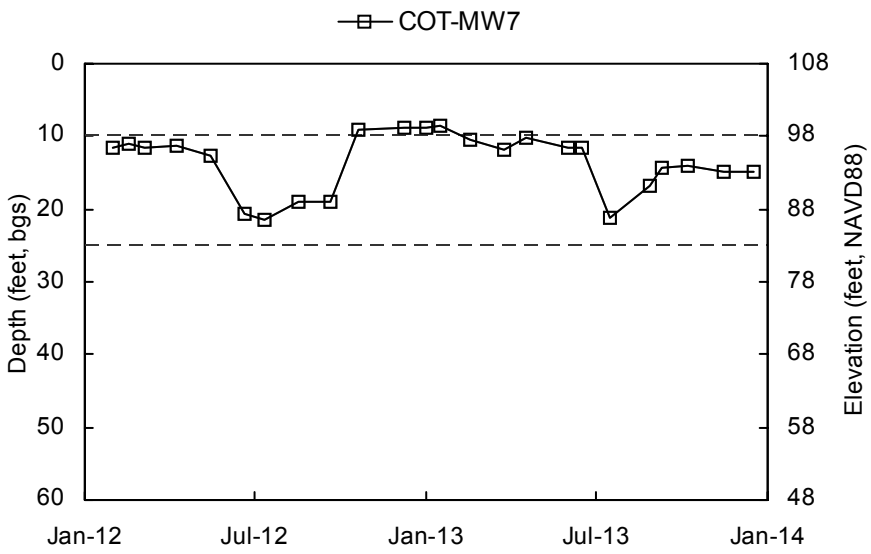


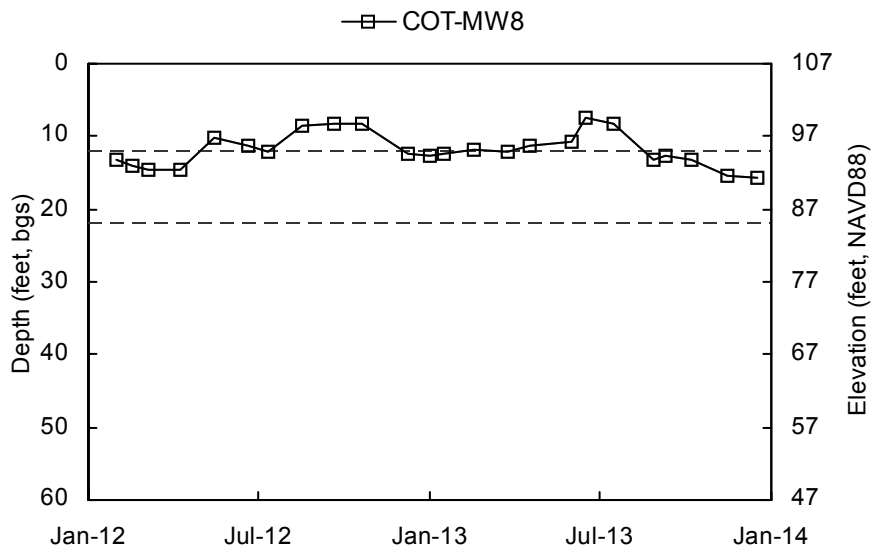
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.









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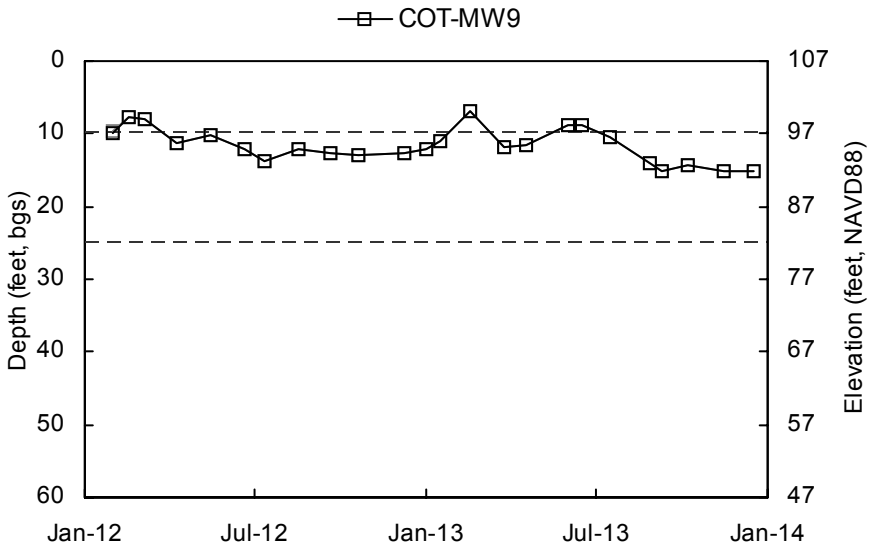

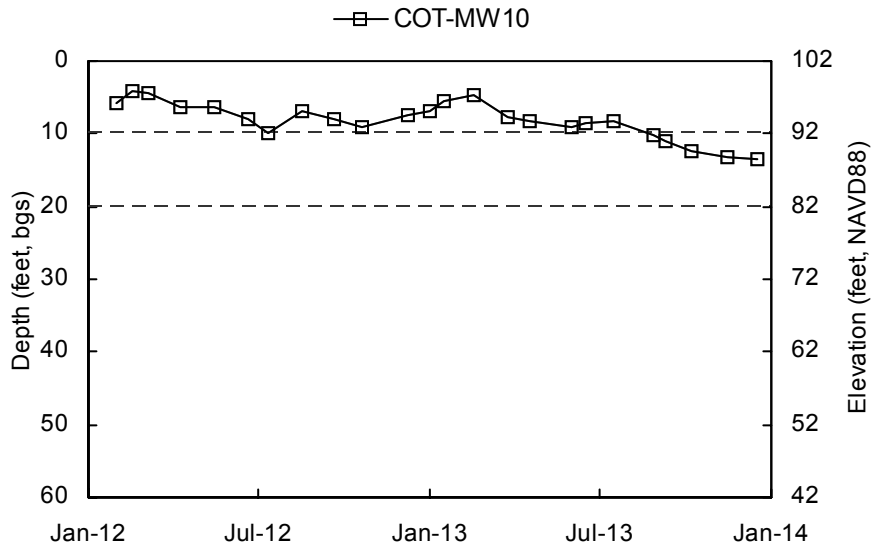

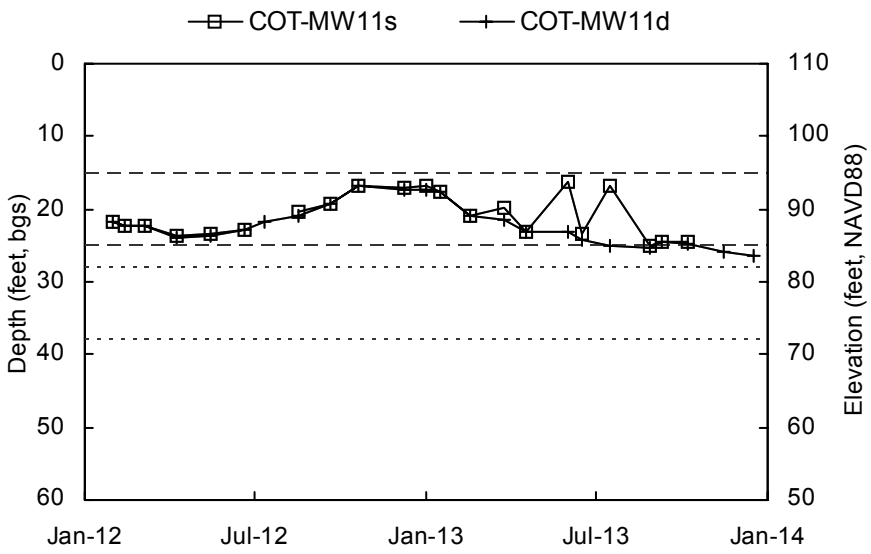

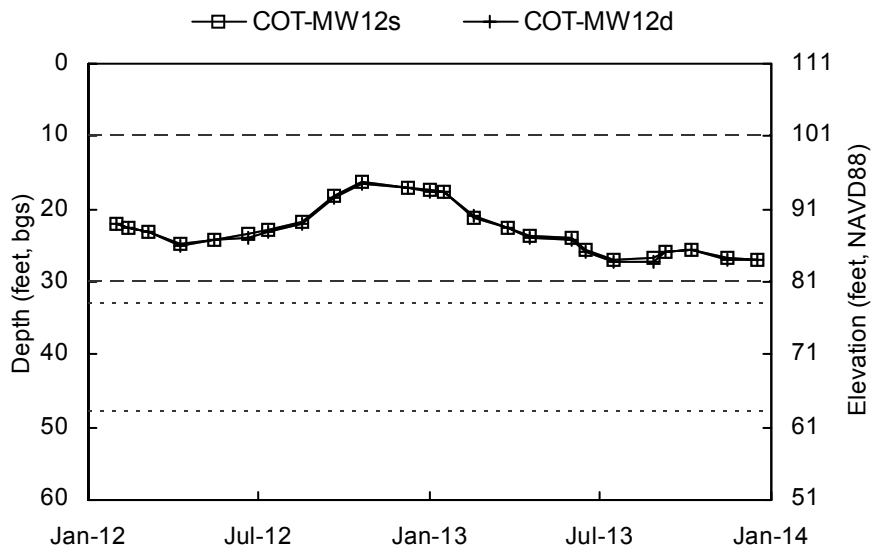

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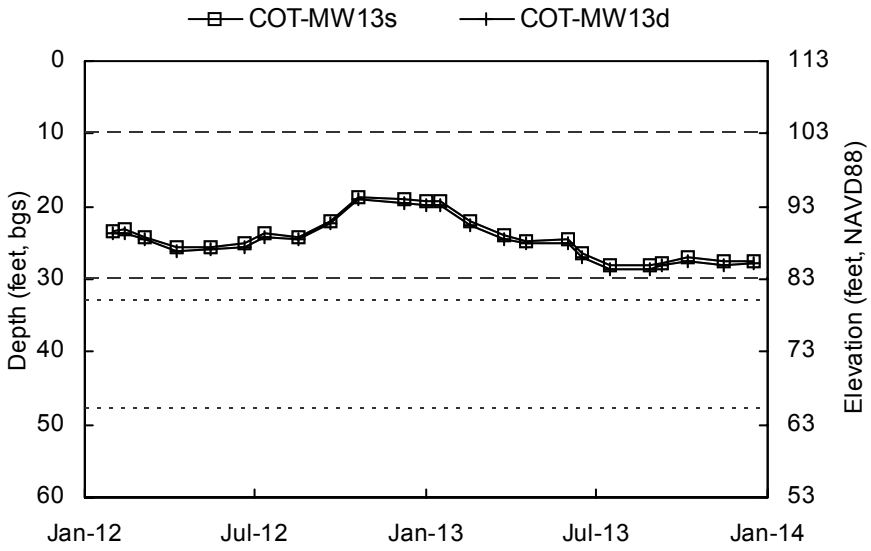

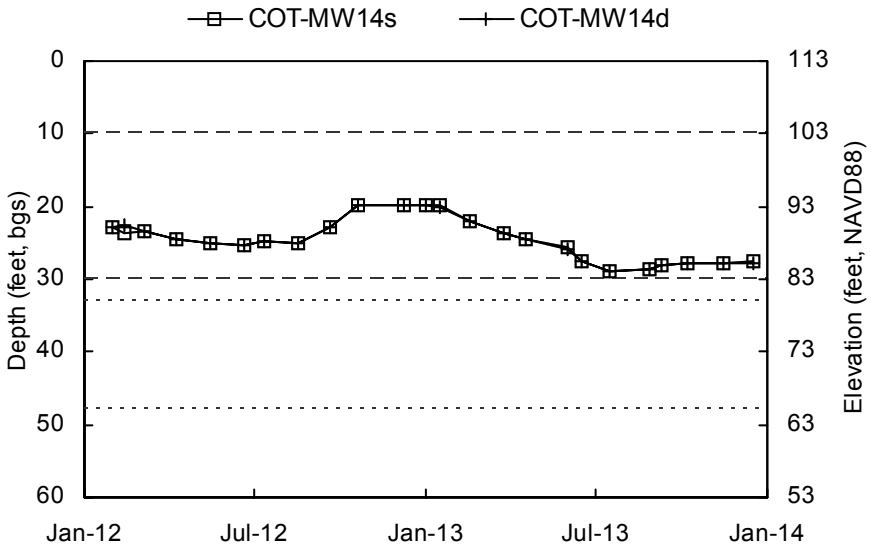

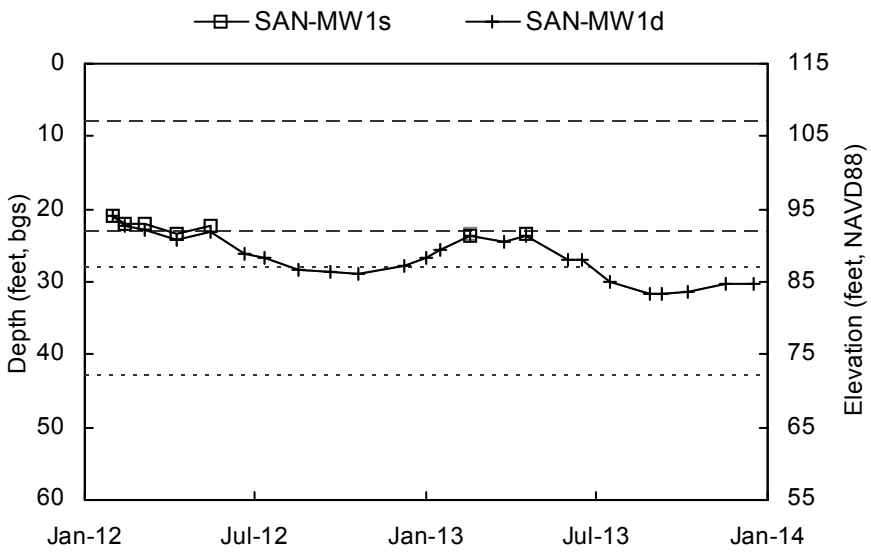

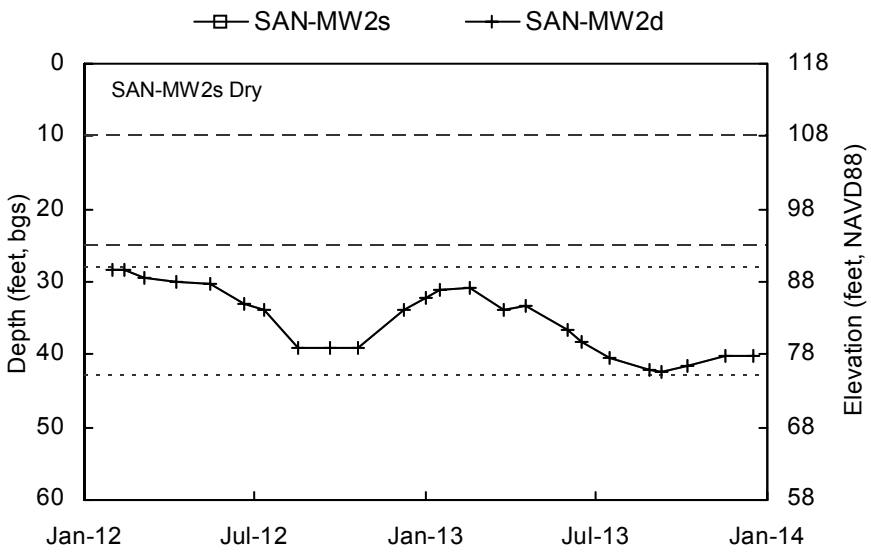

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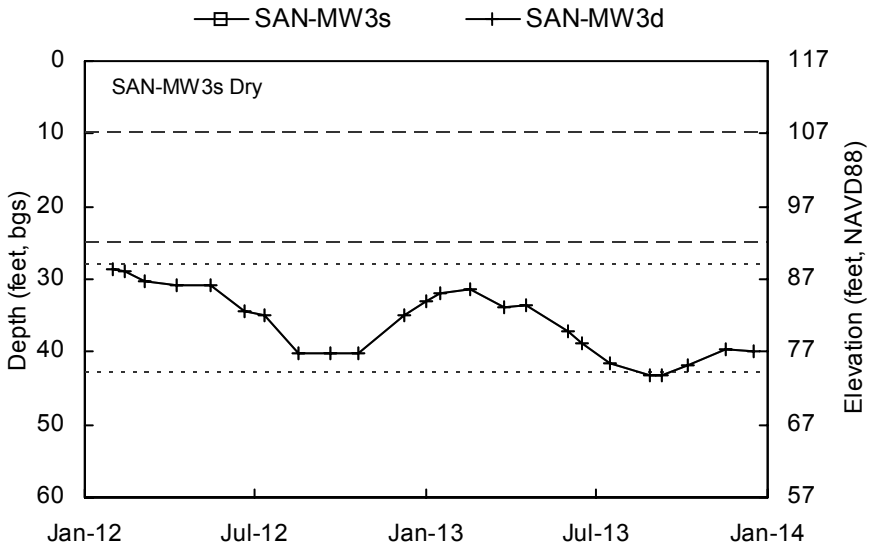

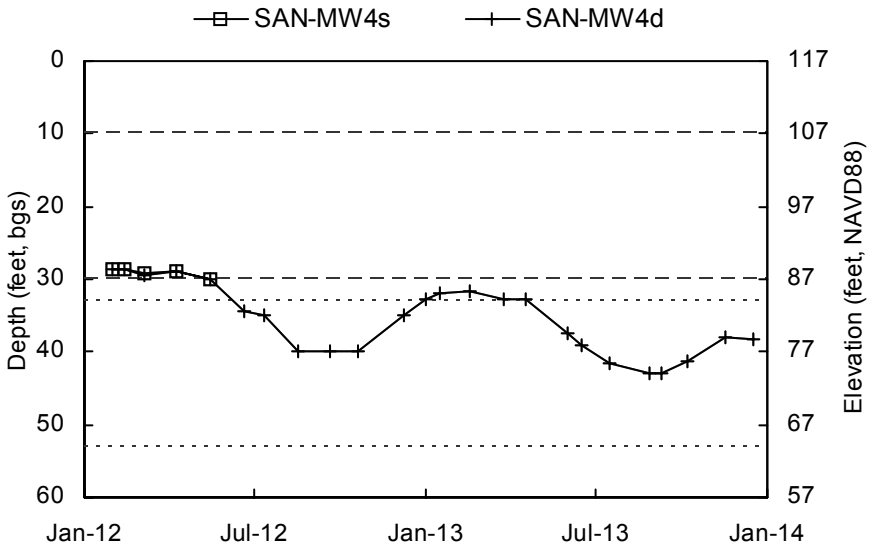

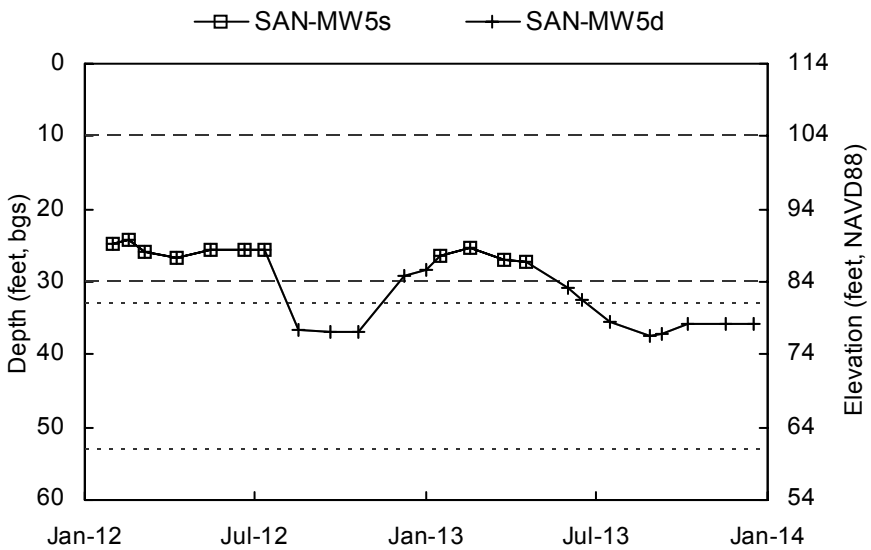

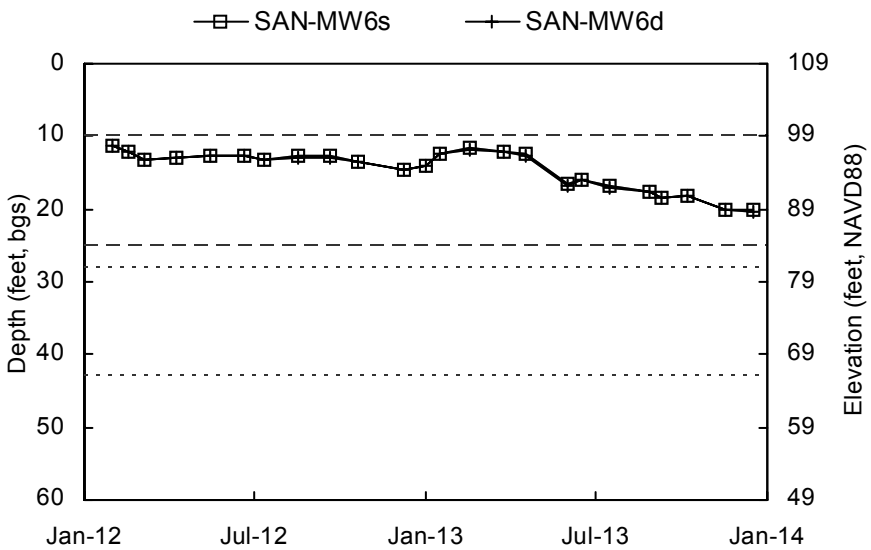

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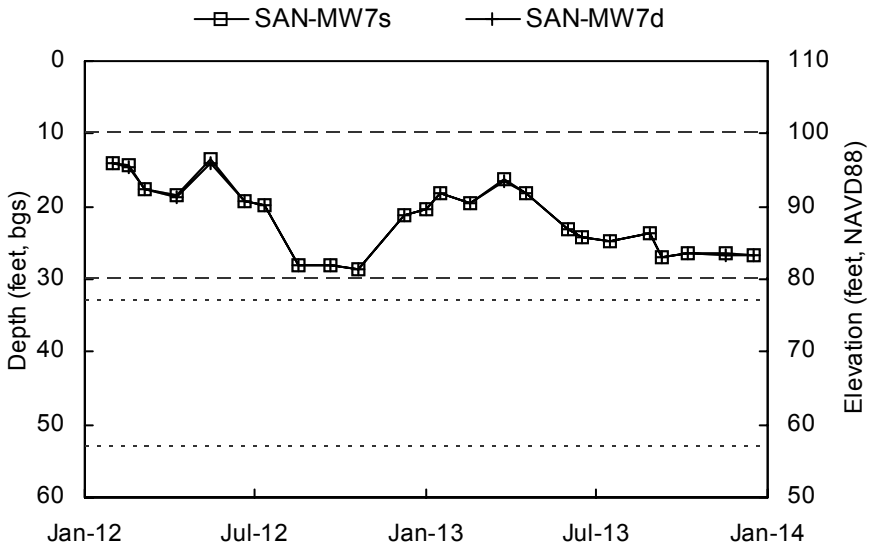

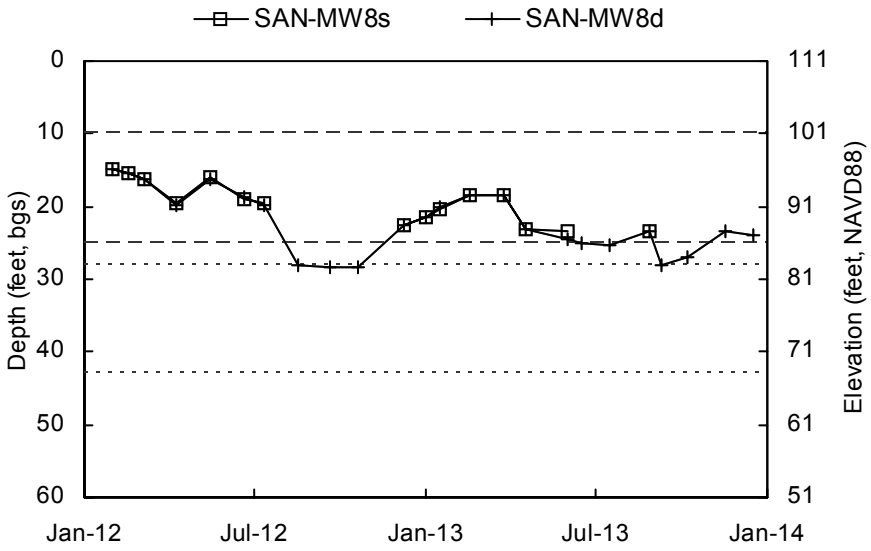

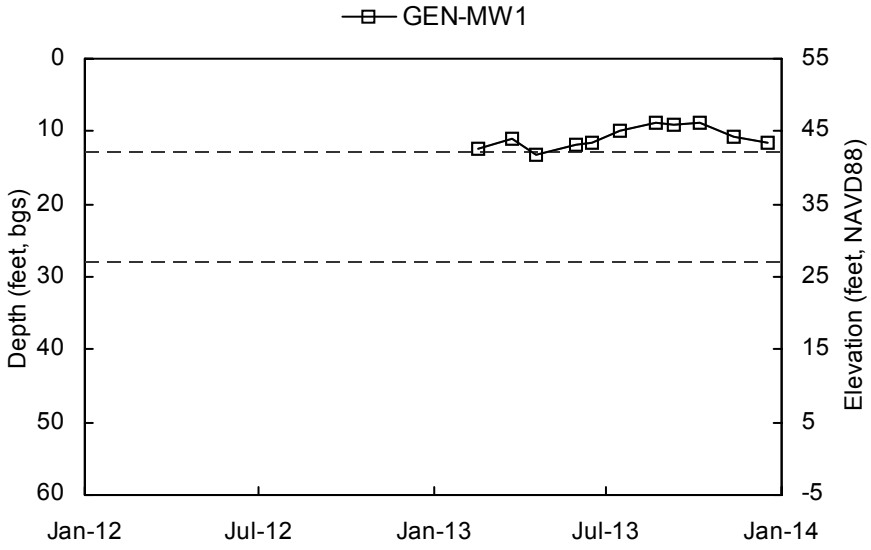

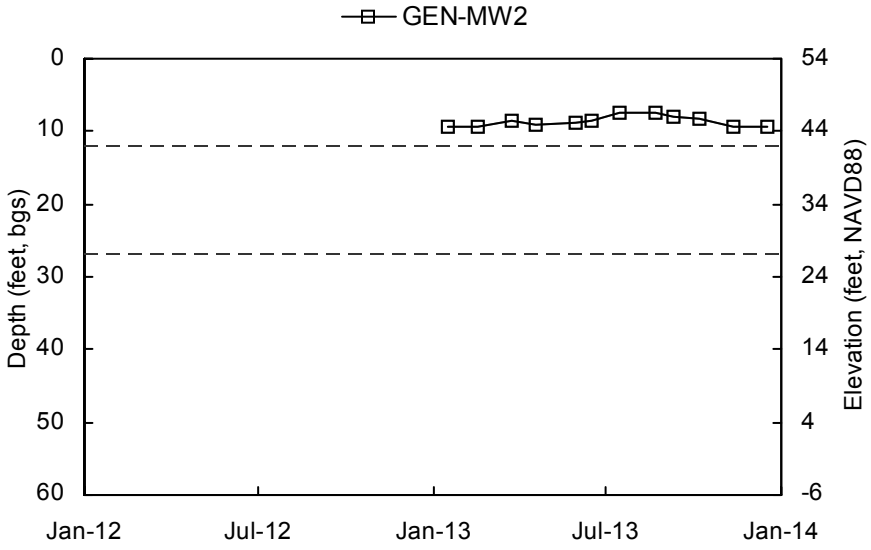

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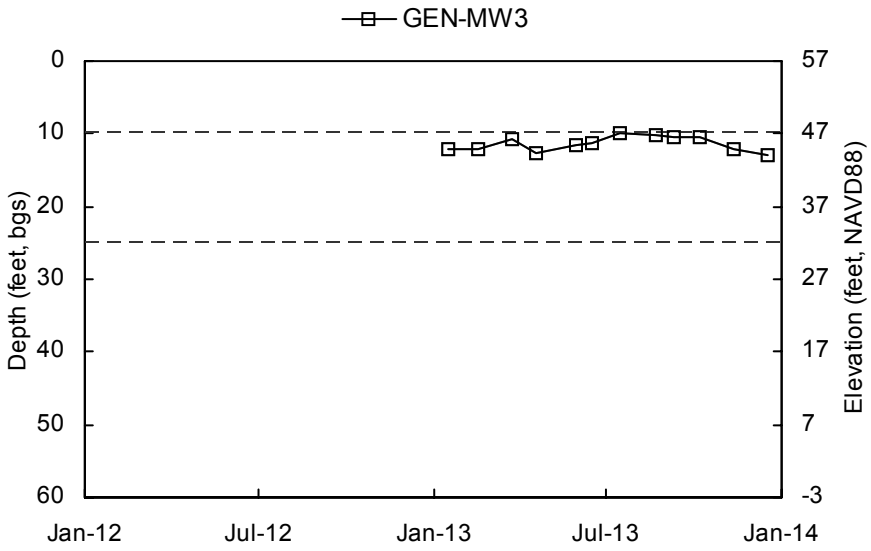

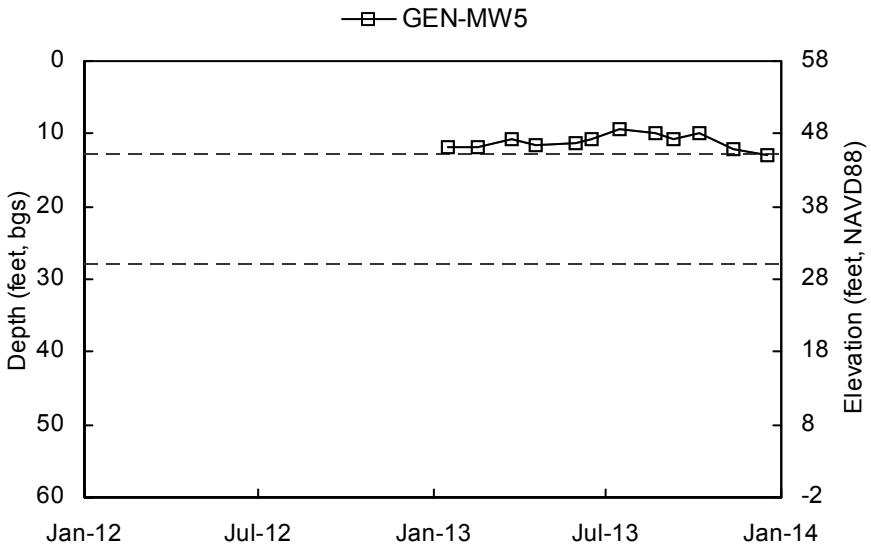

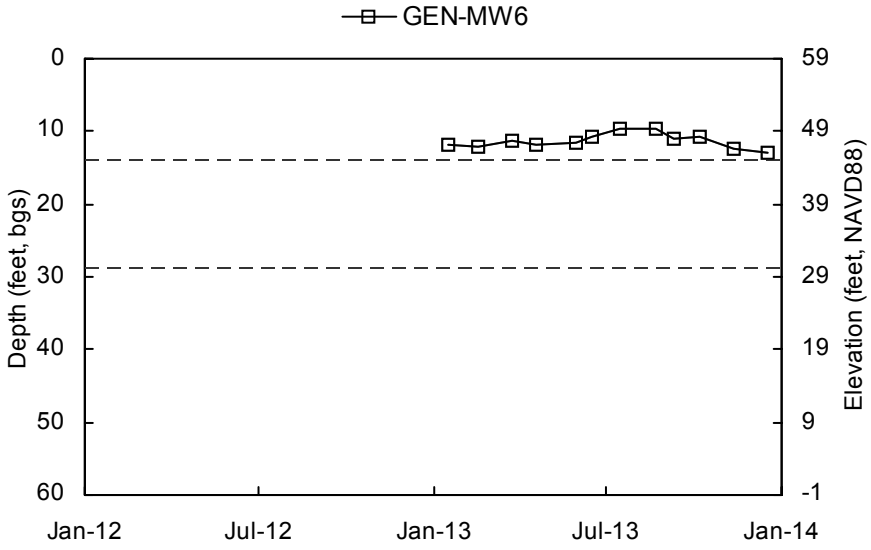

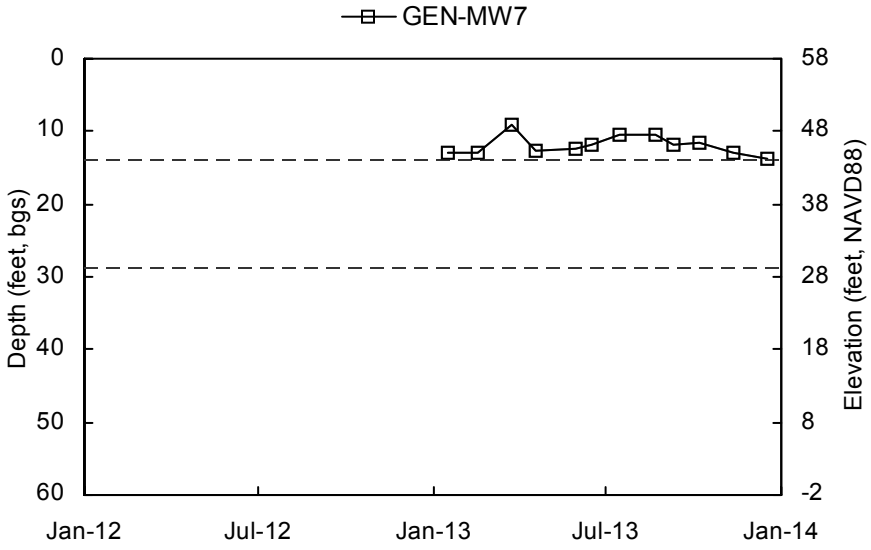

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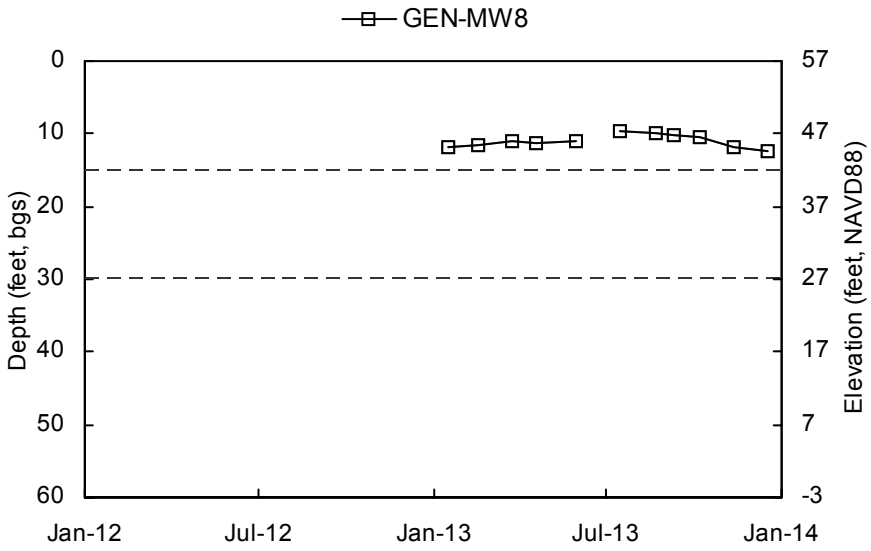

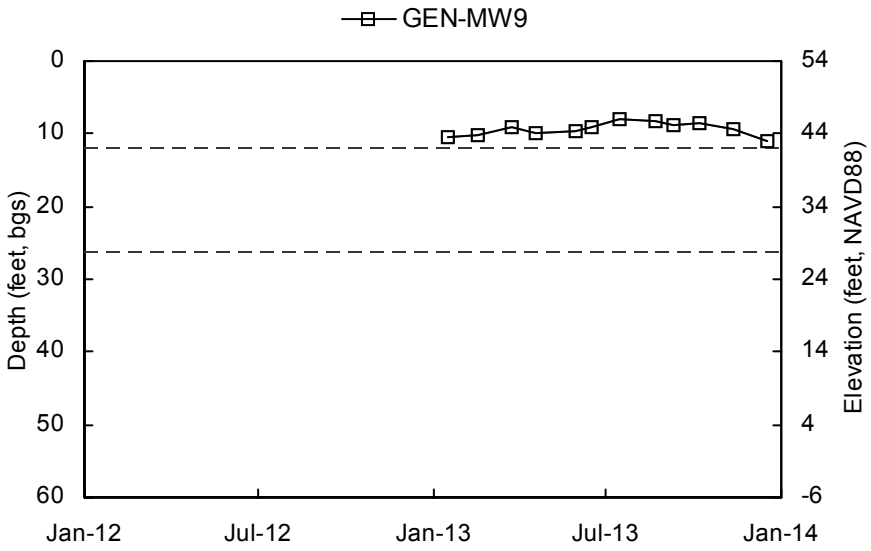

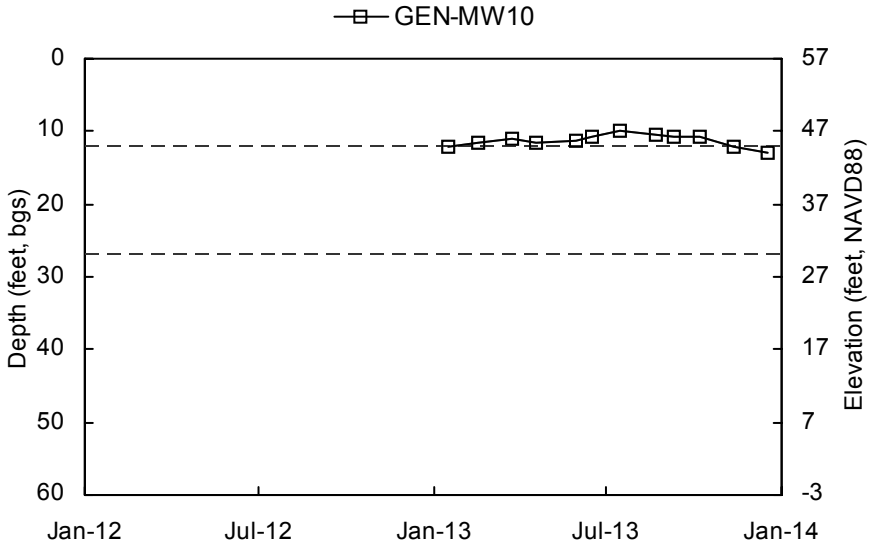

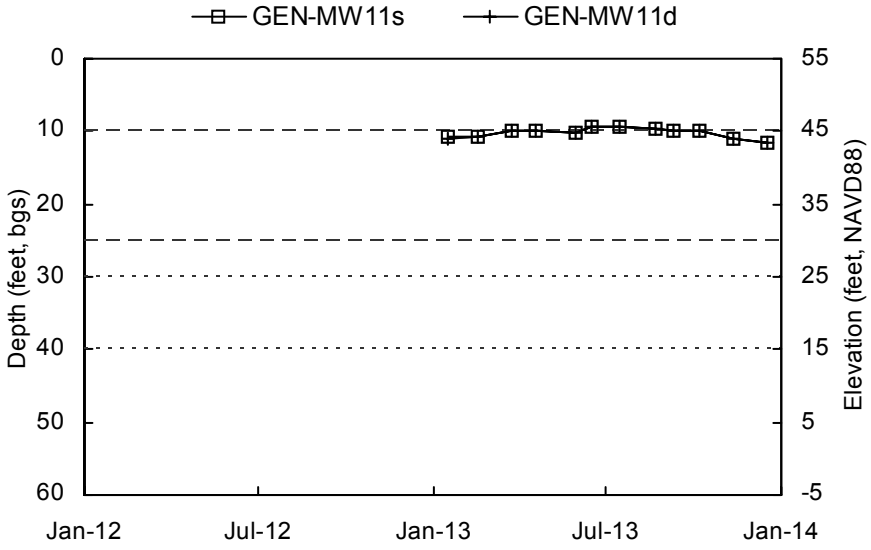

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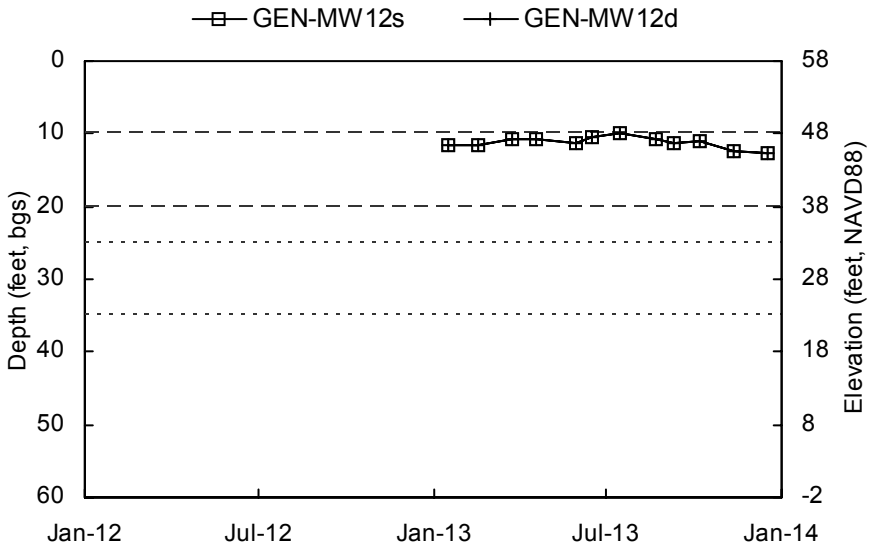

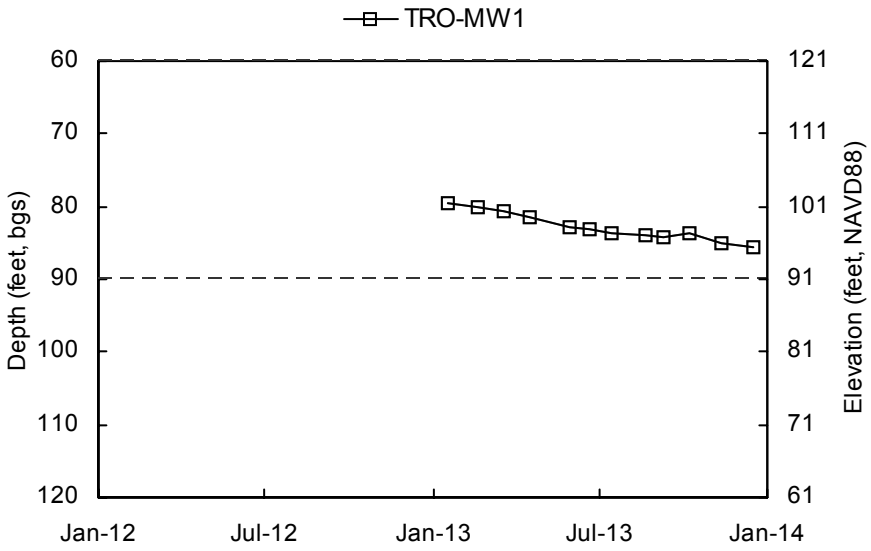

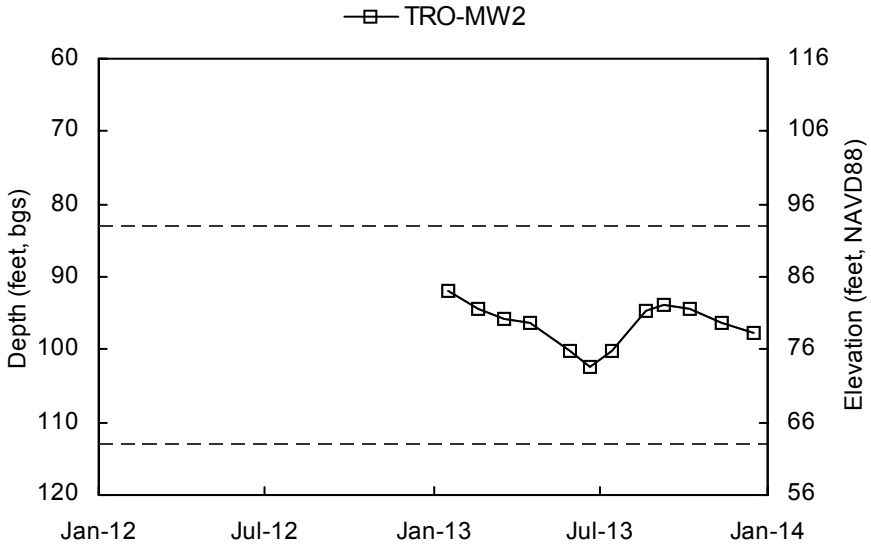

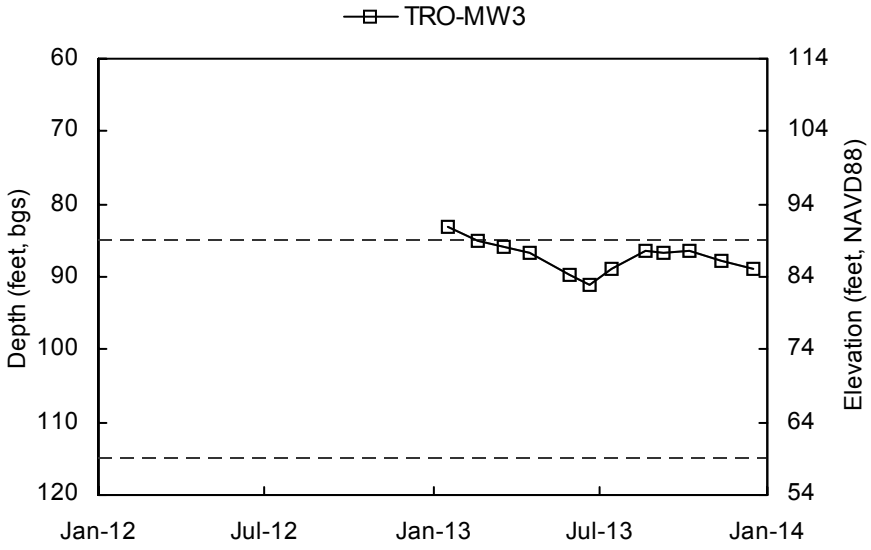

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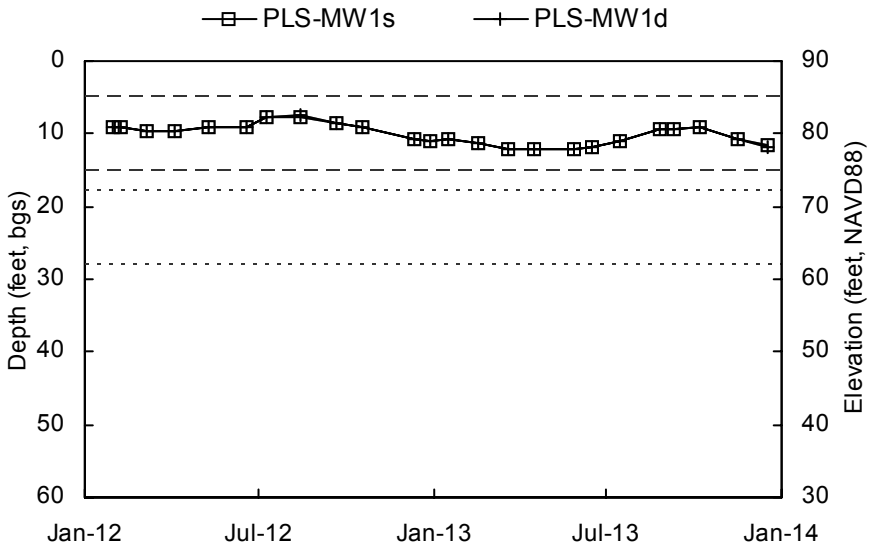

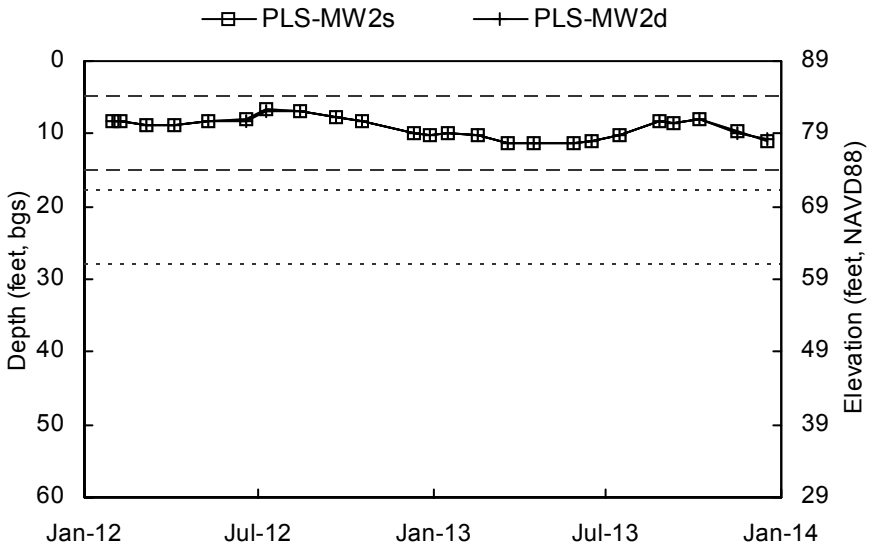

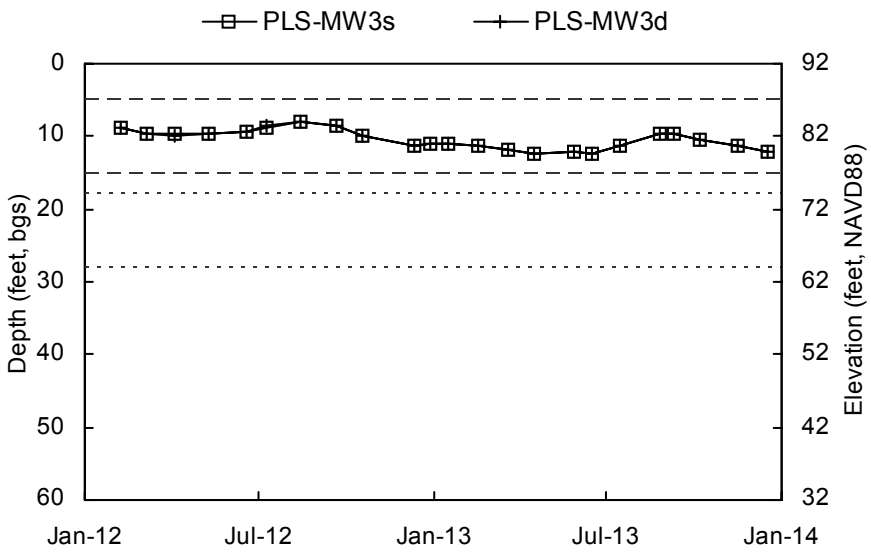

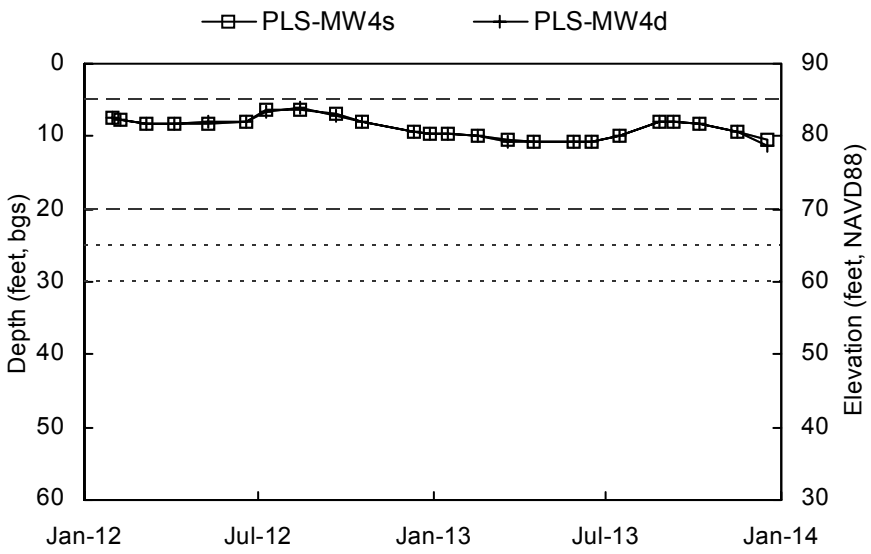

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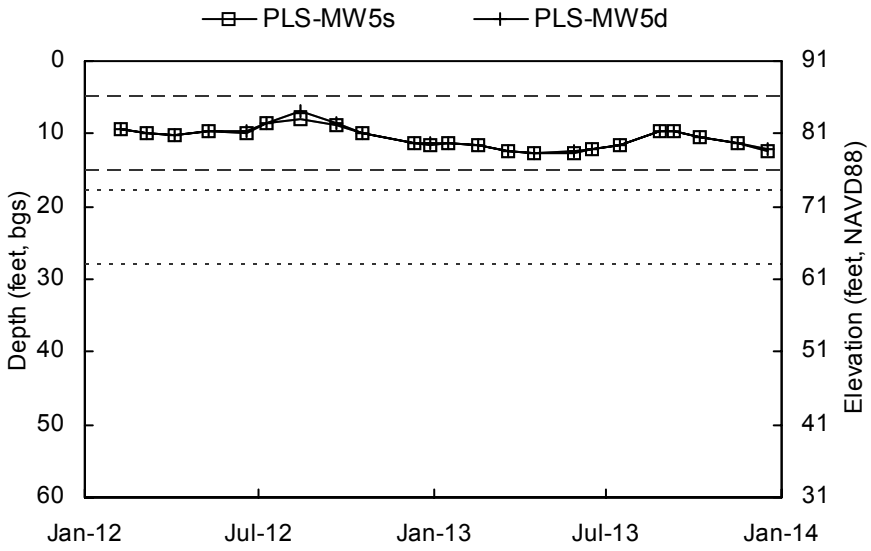

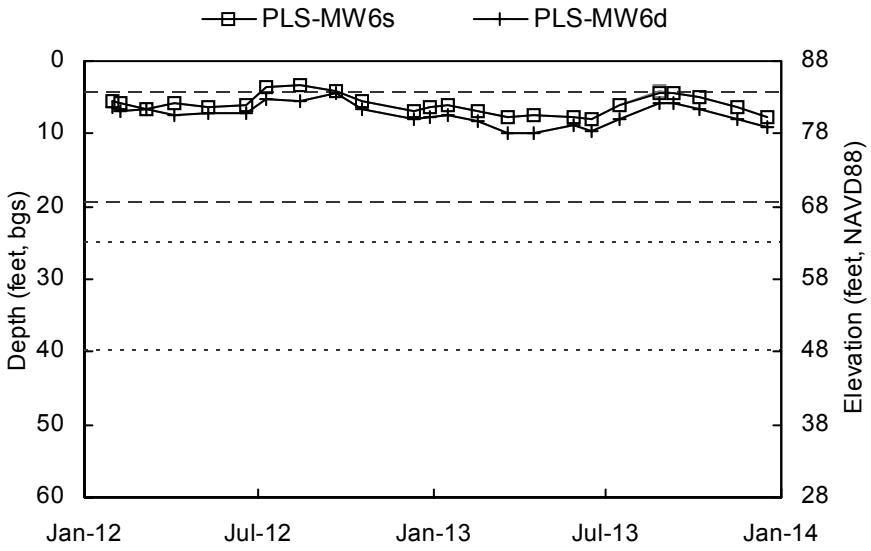

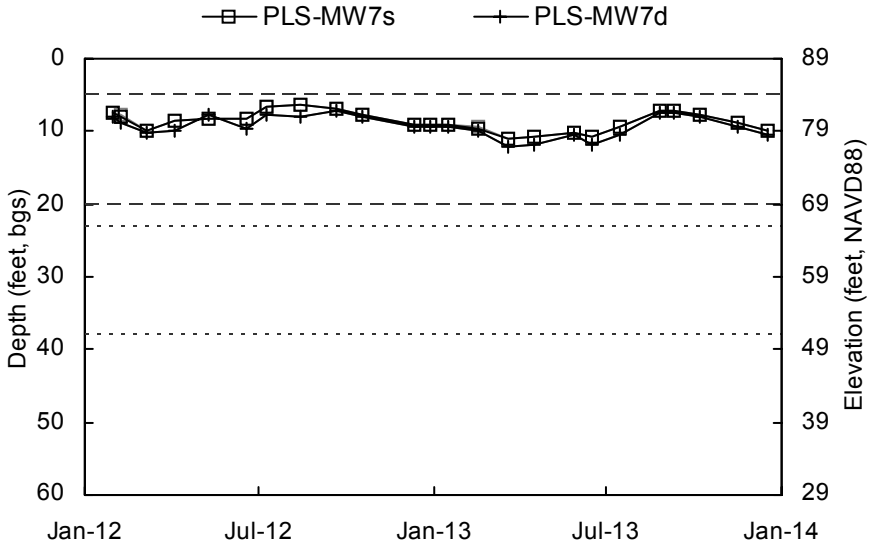

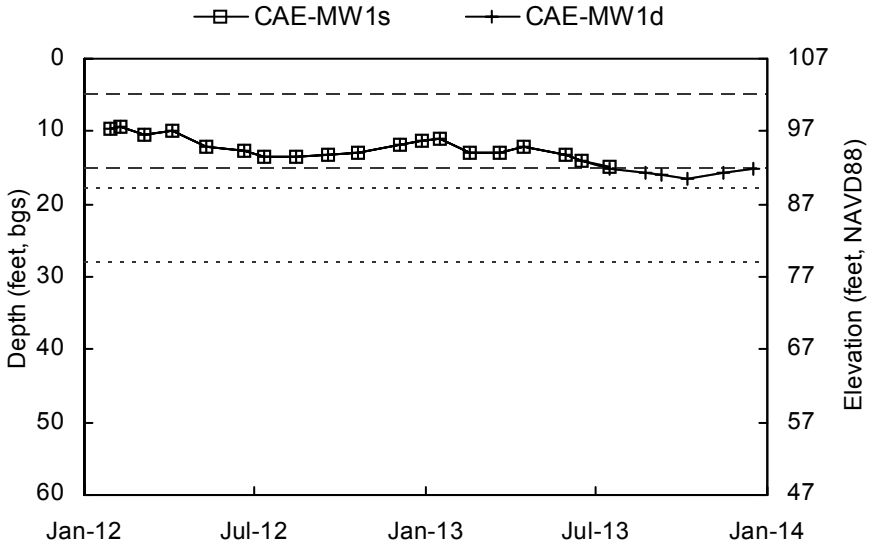

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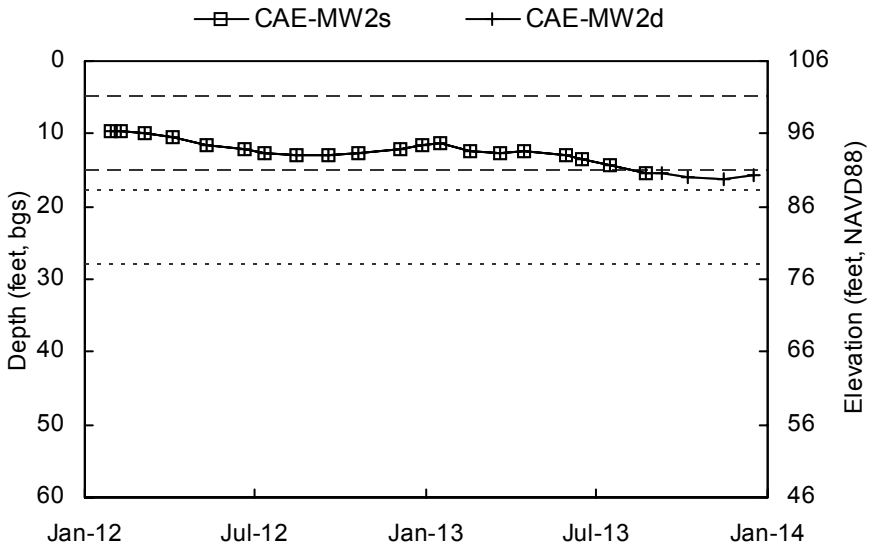

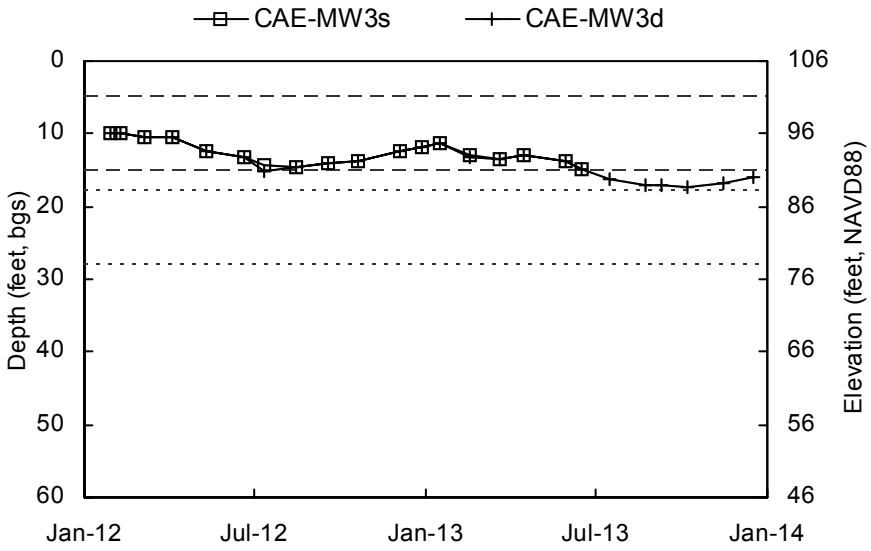

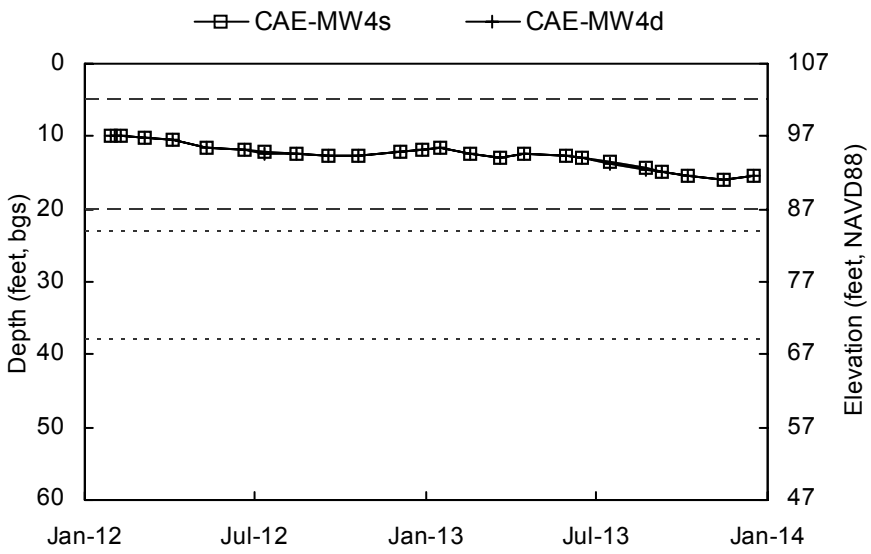

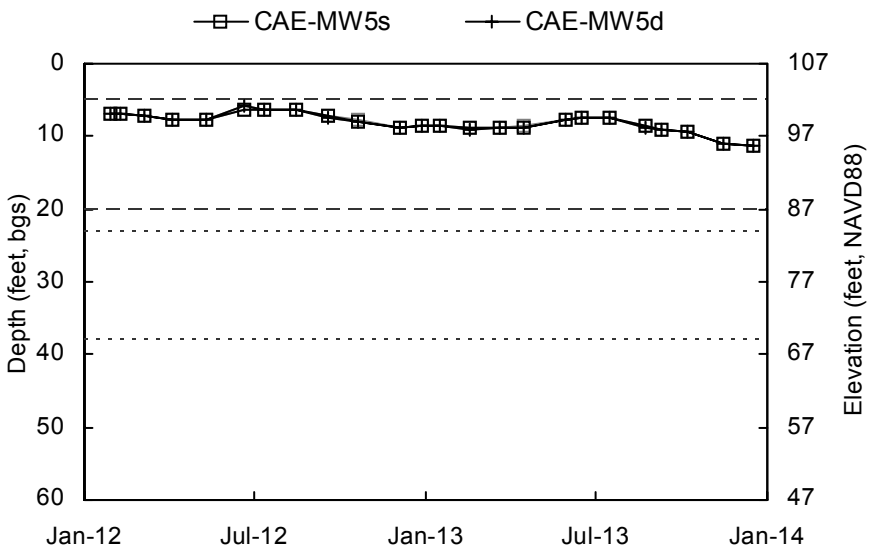

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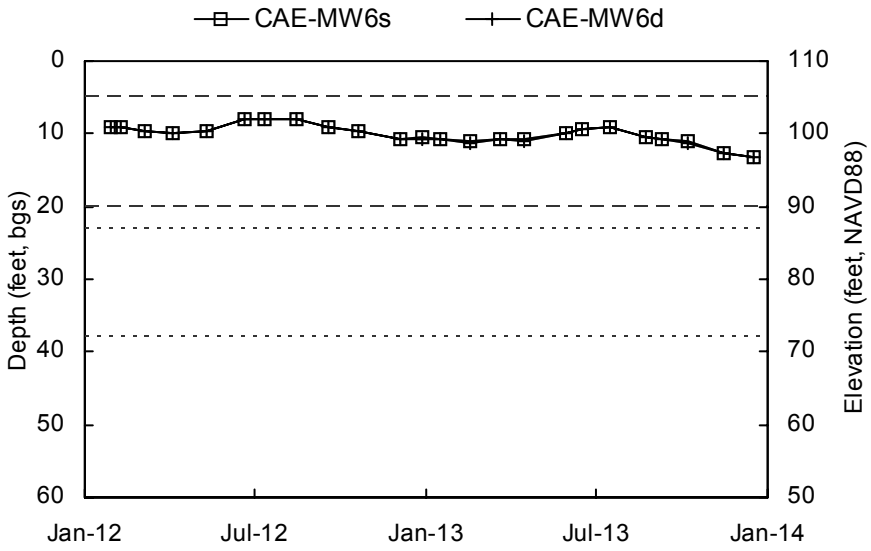

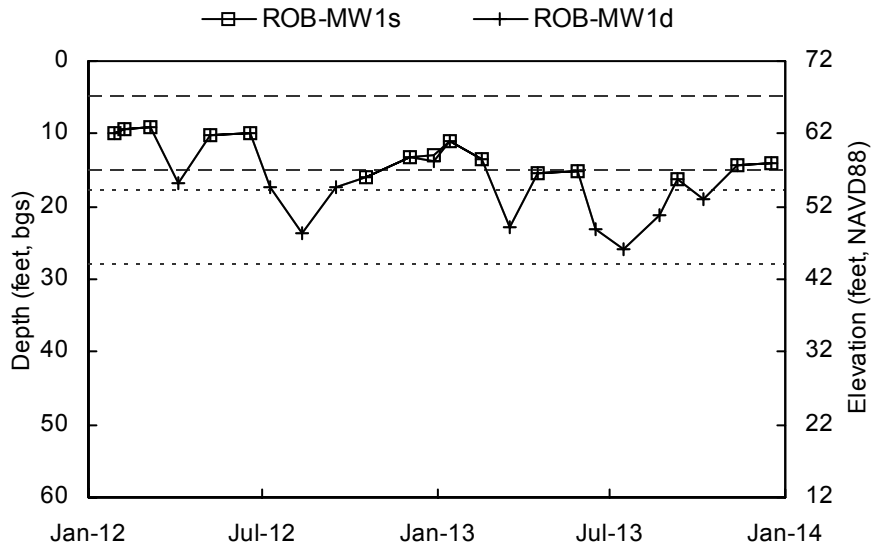

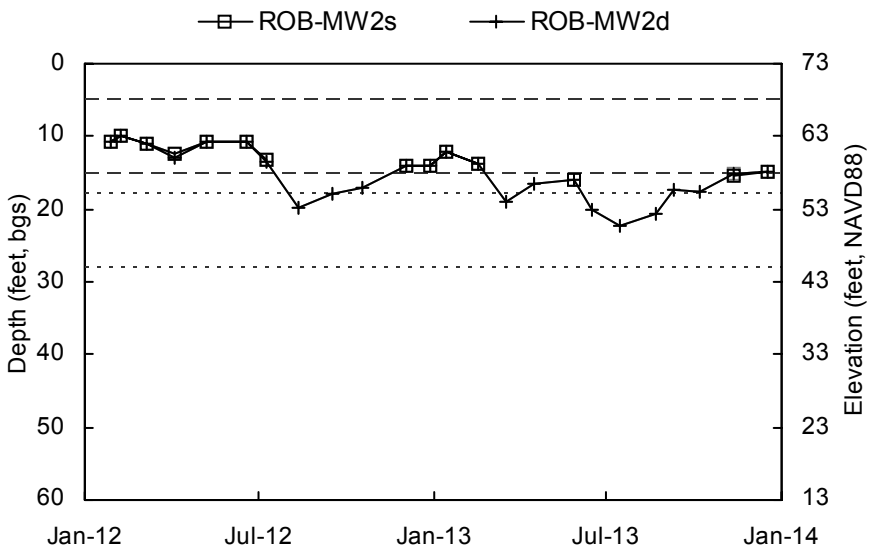

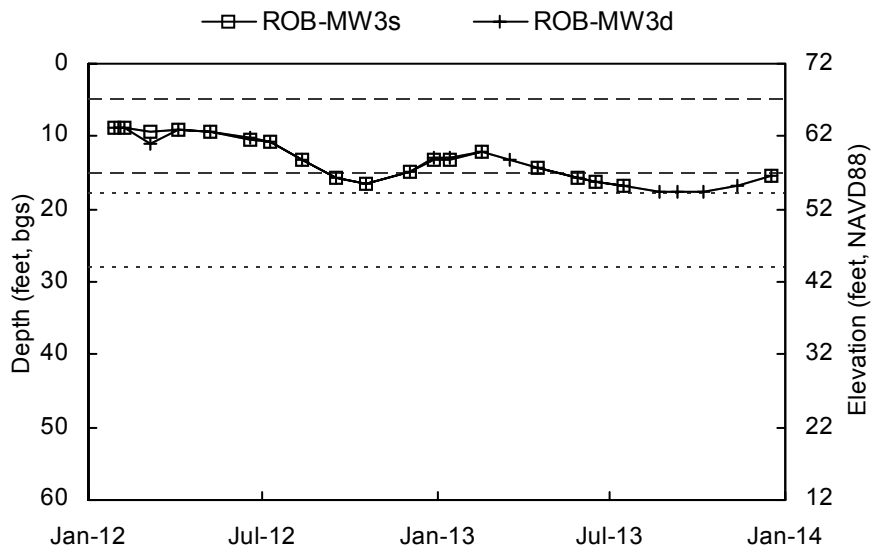

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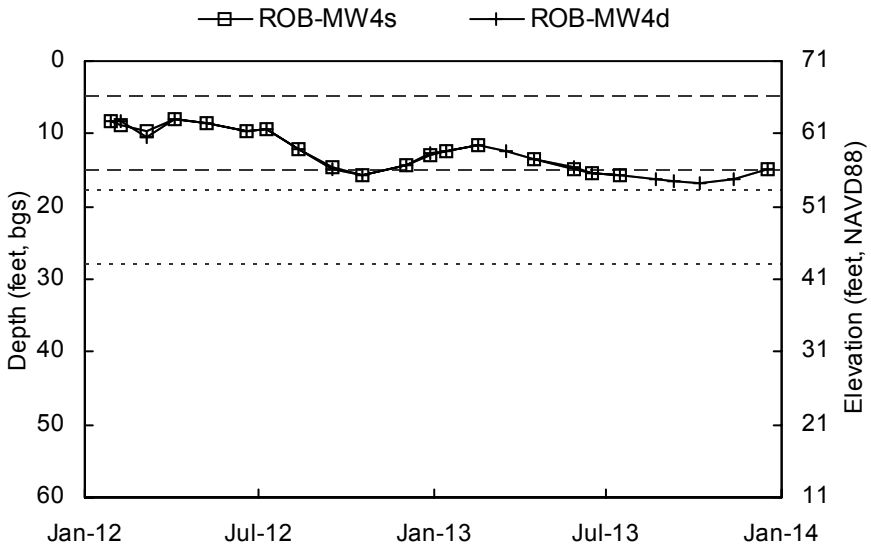

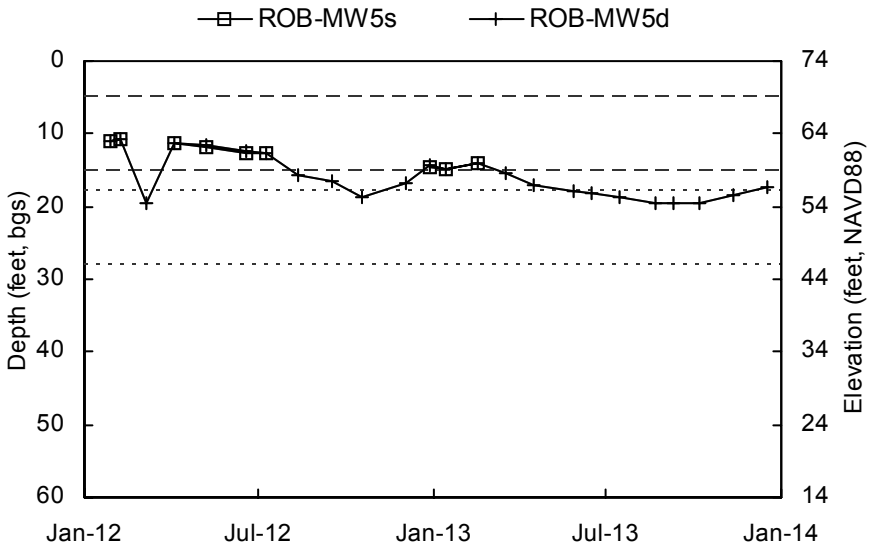

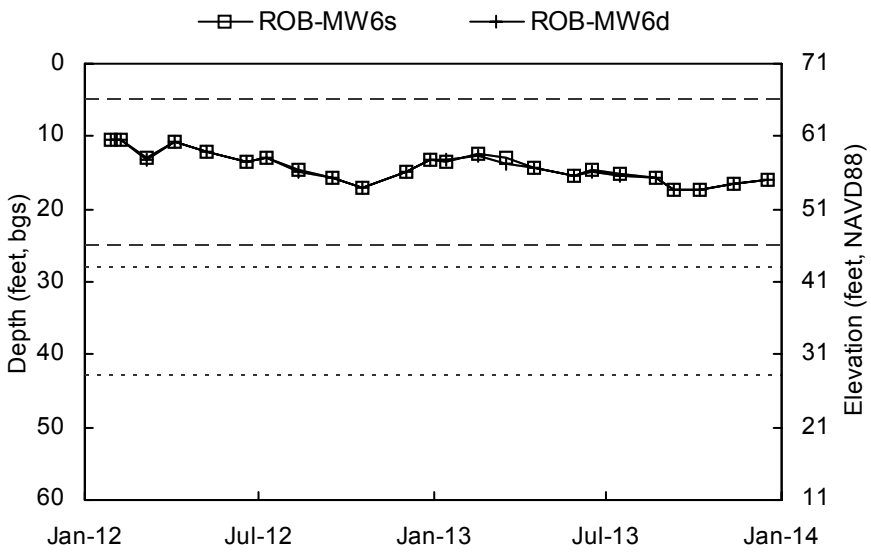

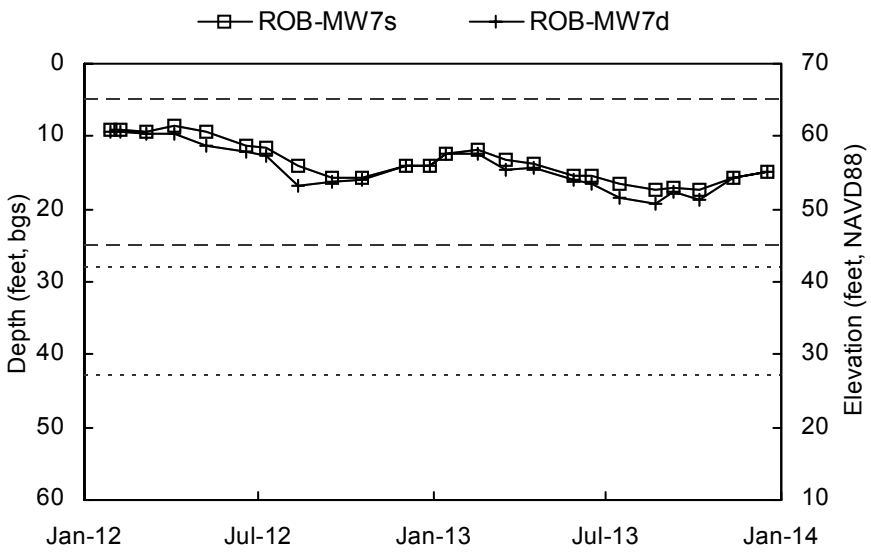

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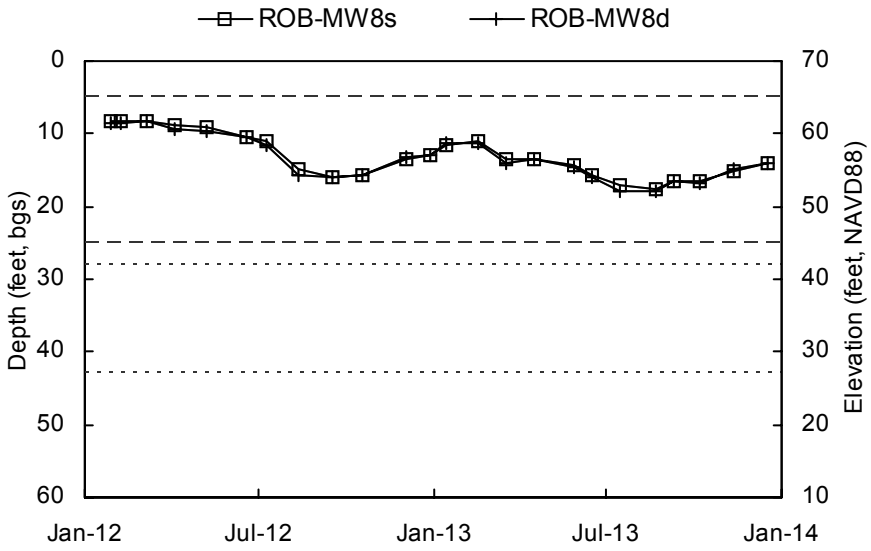

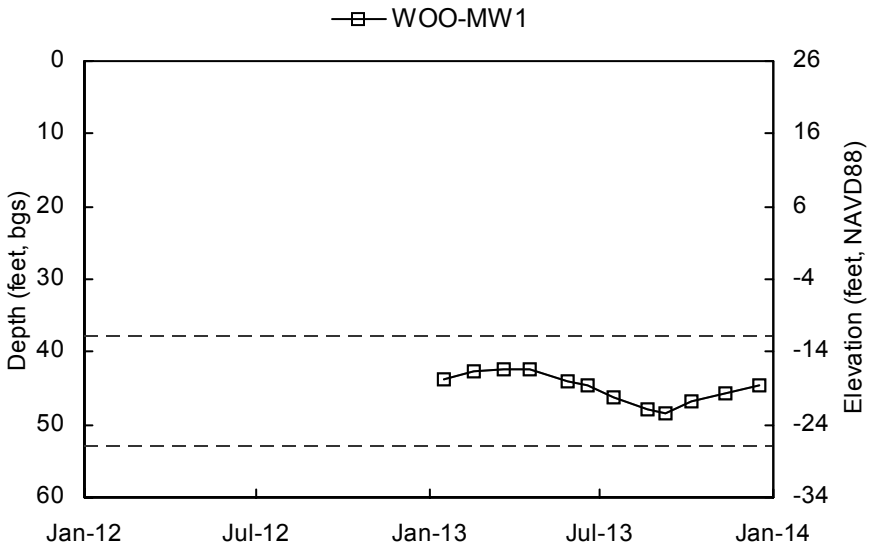

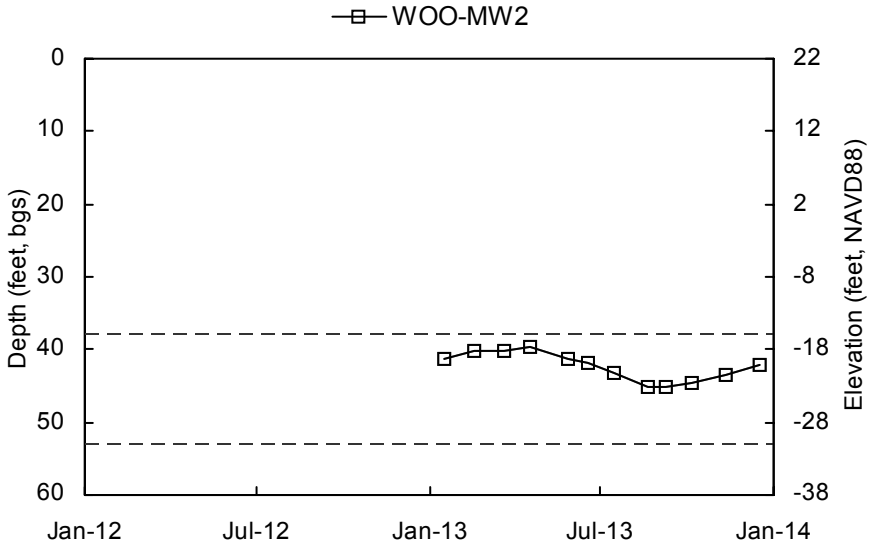

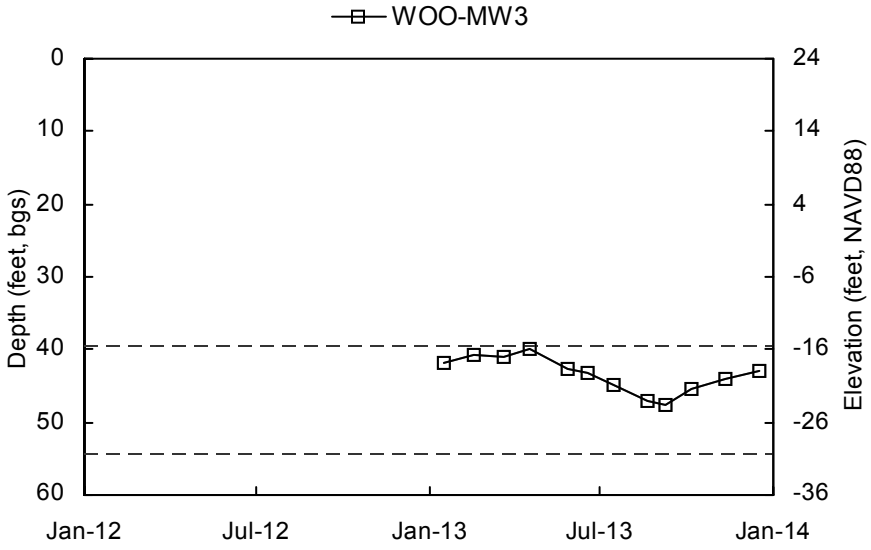

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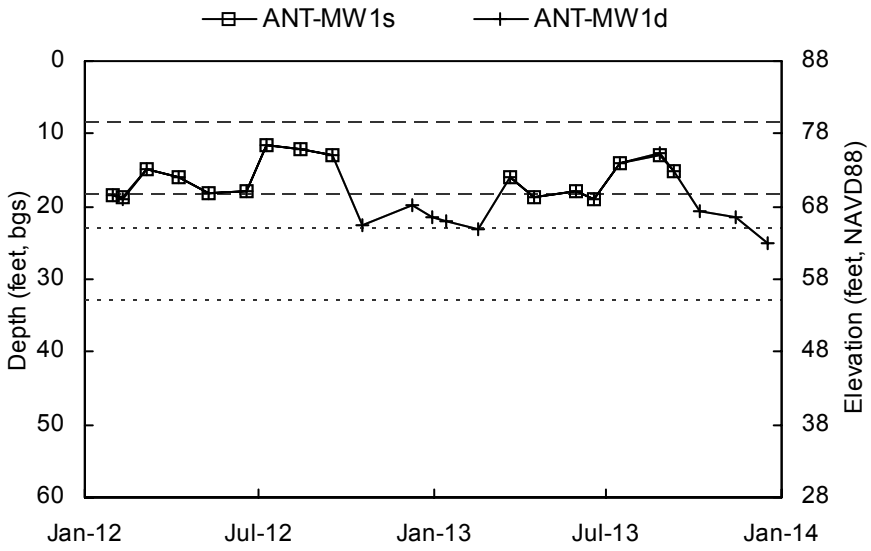
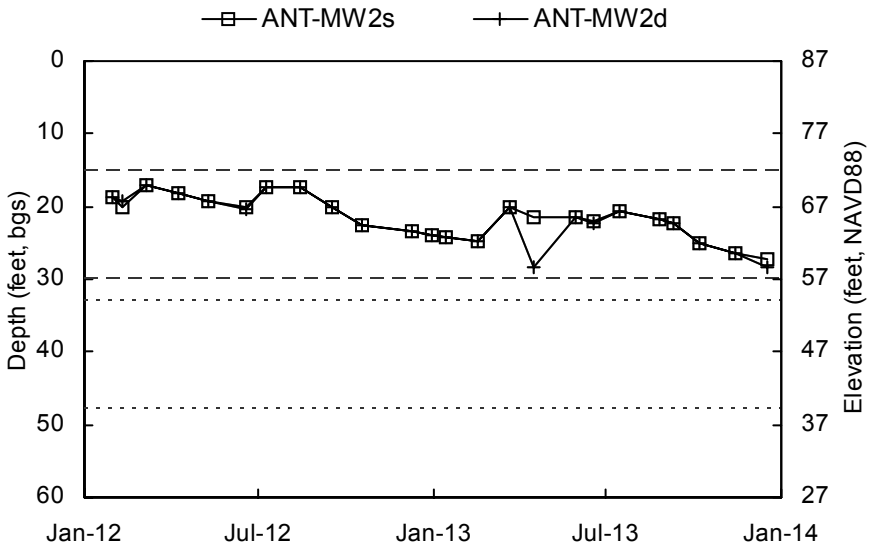
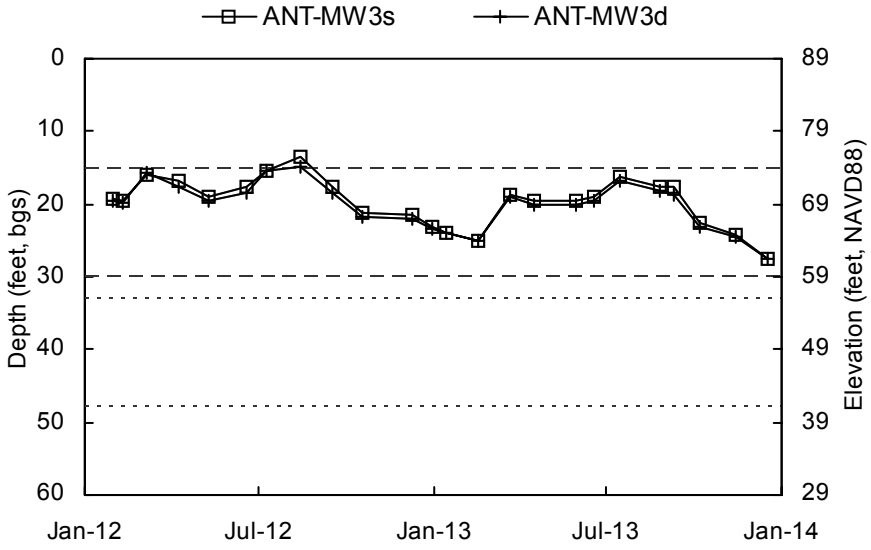
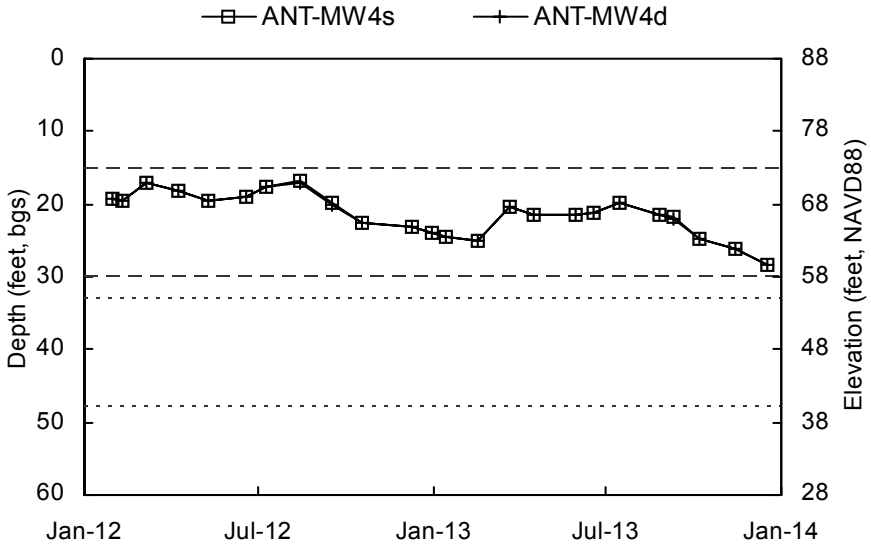


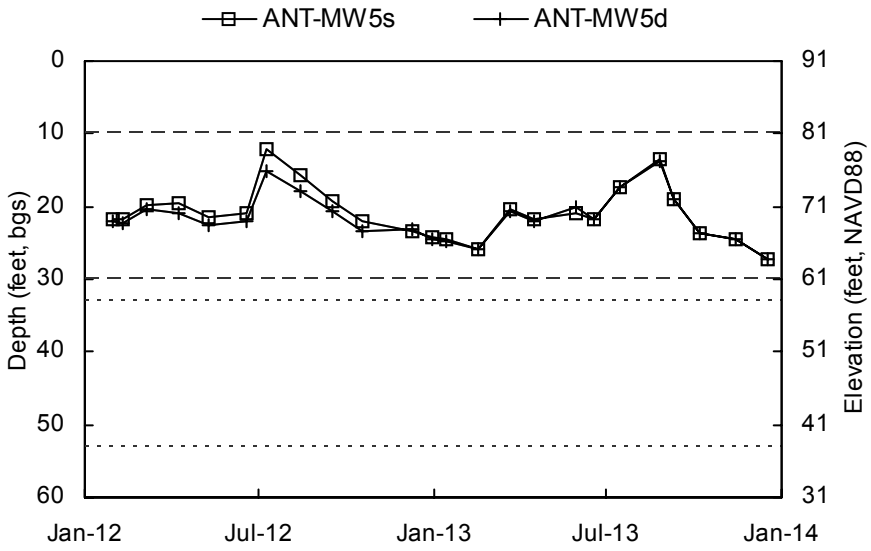


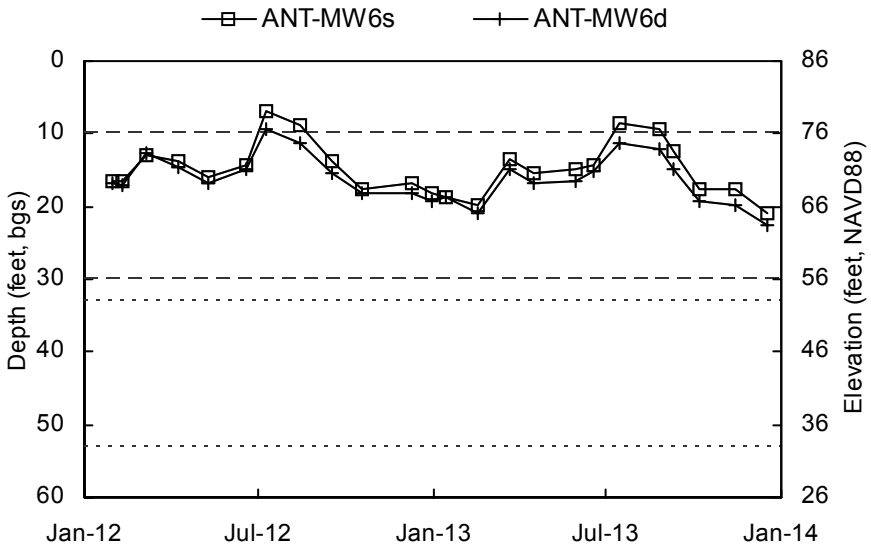


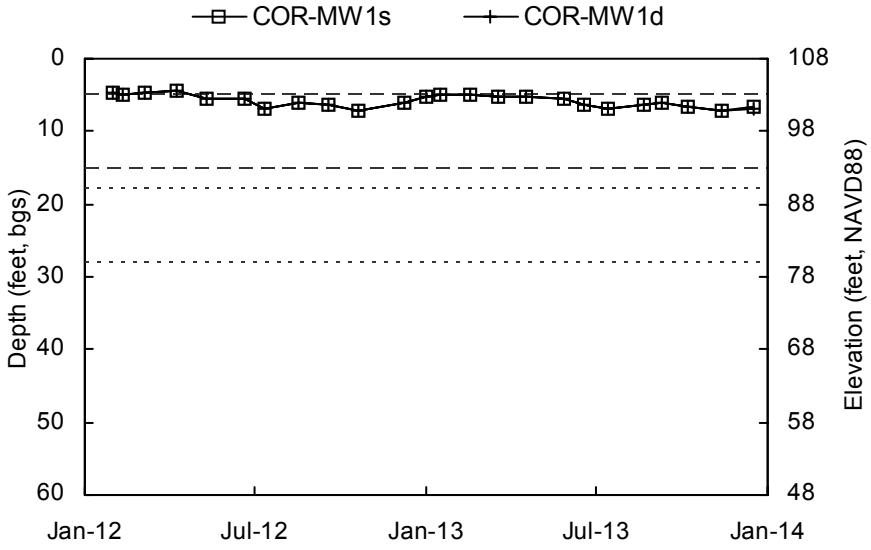


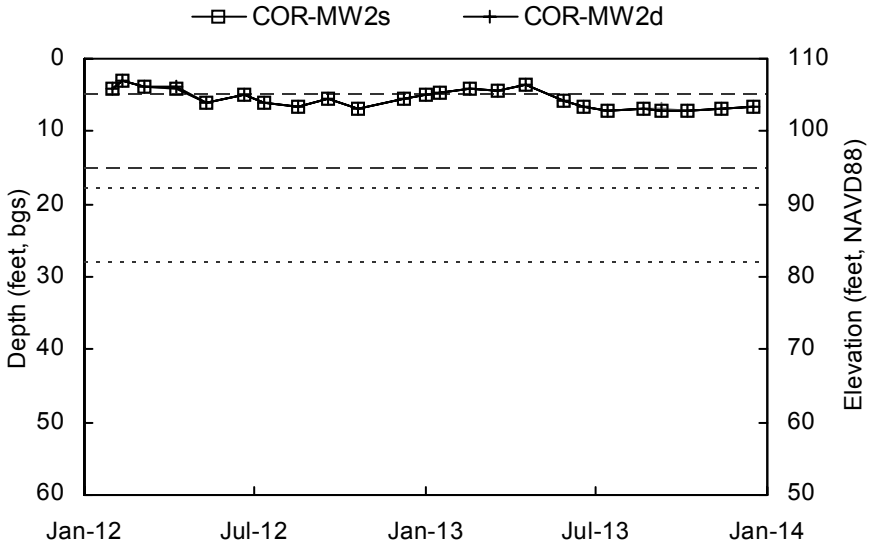
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.









Shallow Well Screened Interval Deep Well Screened Interval

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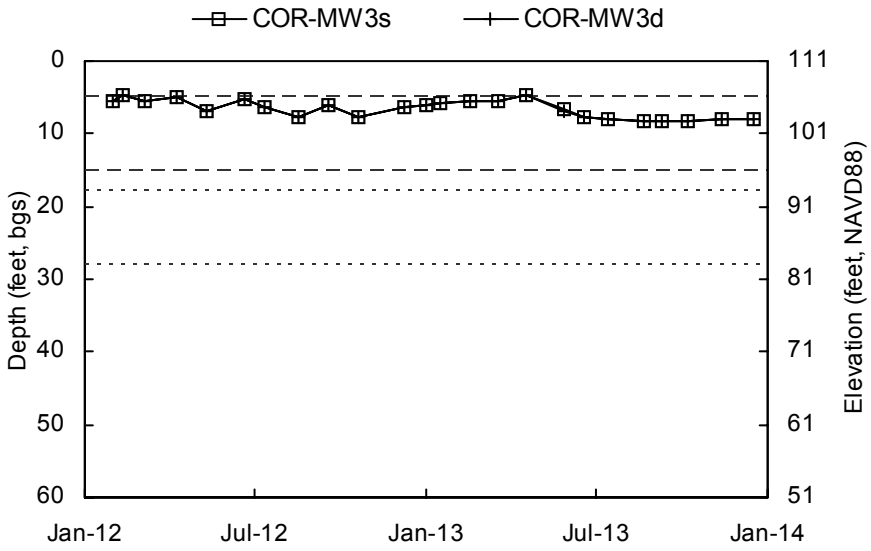

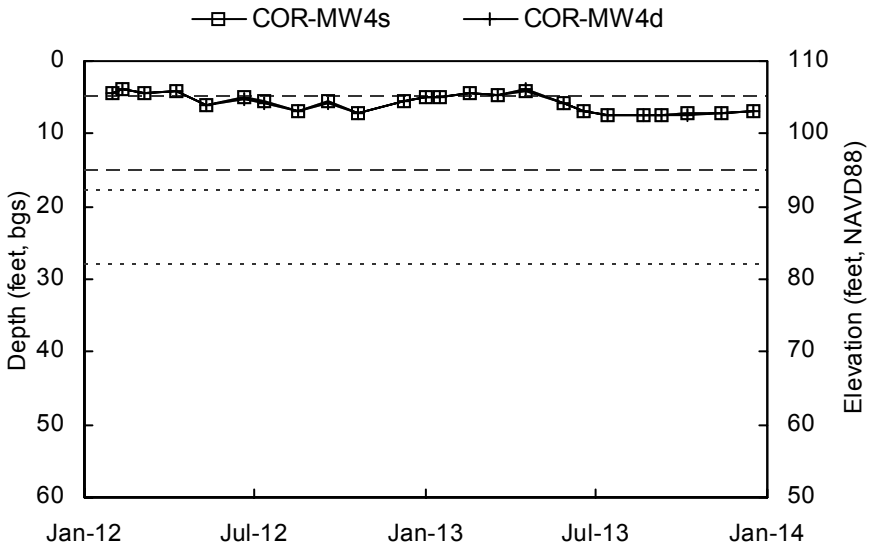

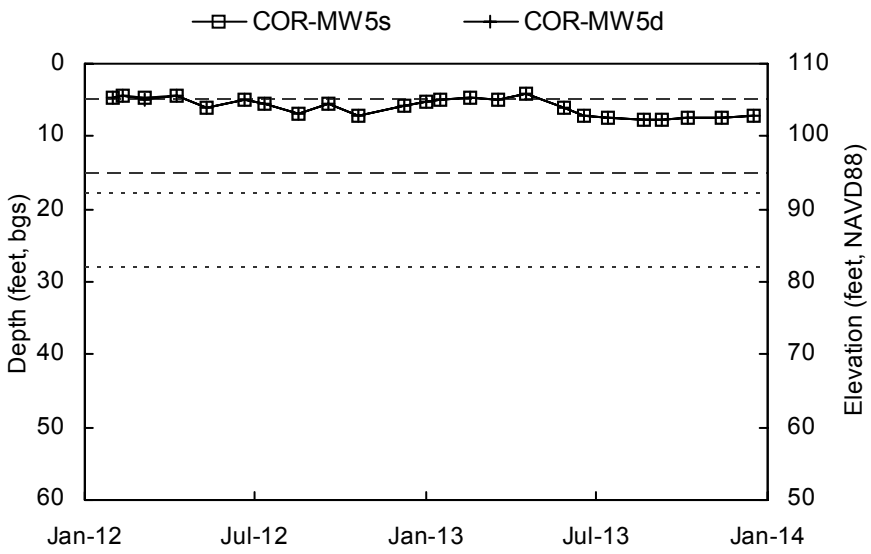

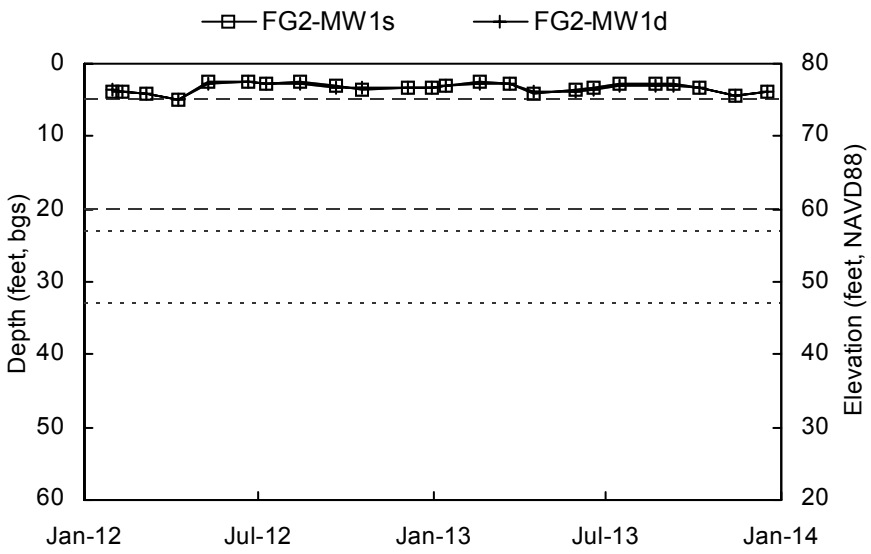

Shallow Well Screened Interval Deep Well Screened Interval

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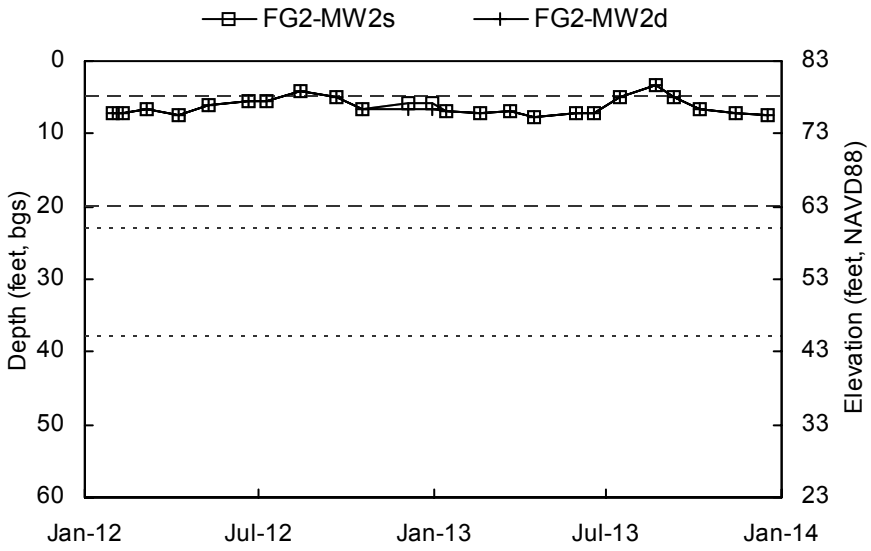

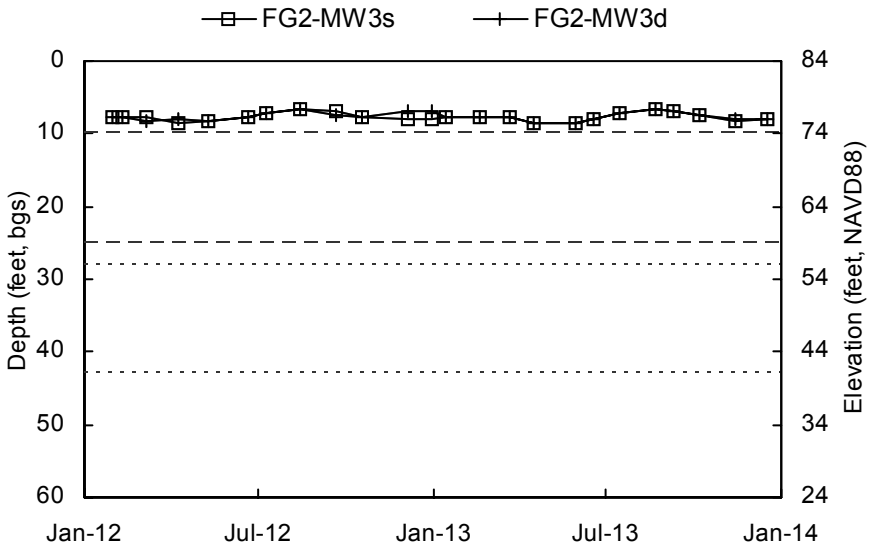

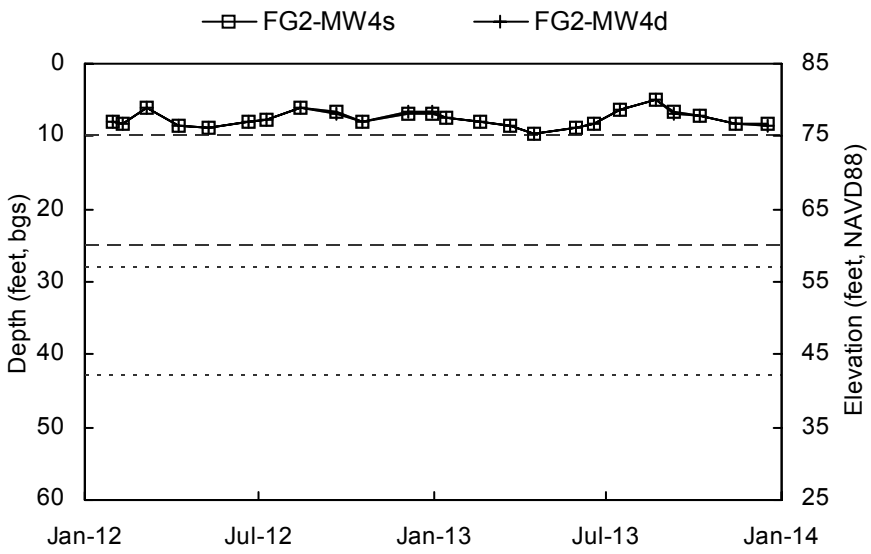

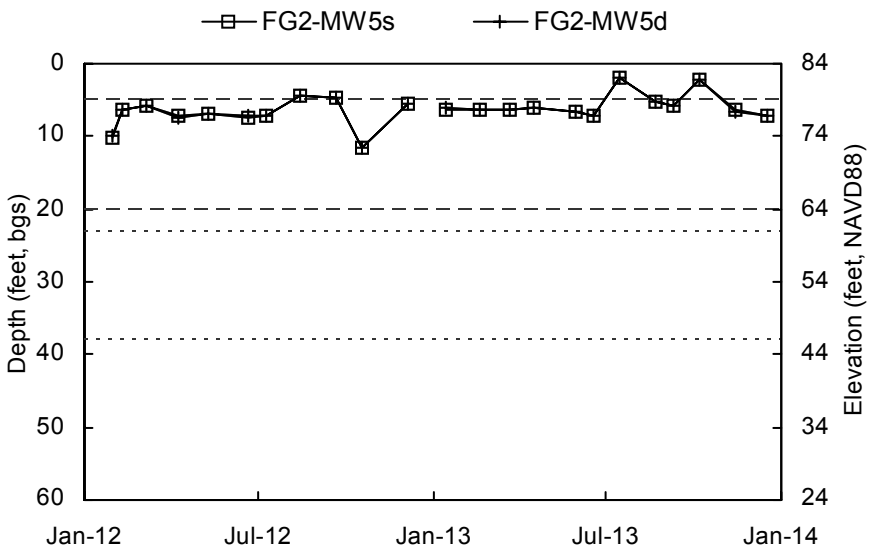

Shallow Well Screened Interval Deep Well Screened Interval

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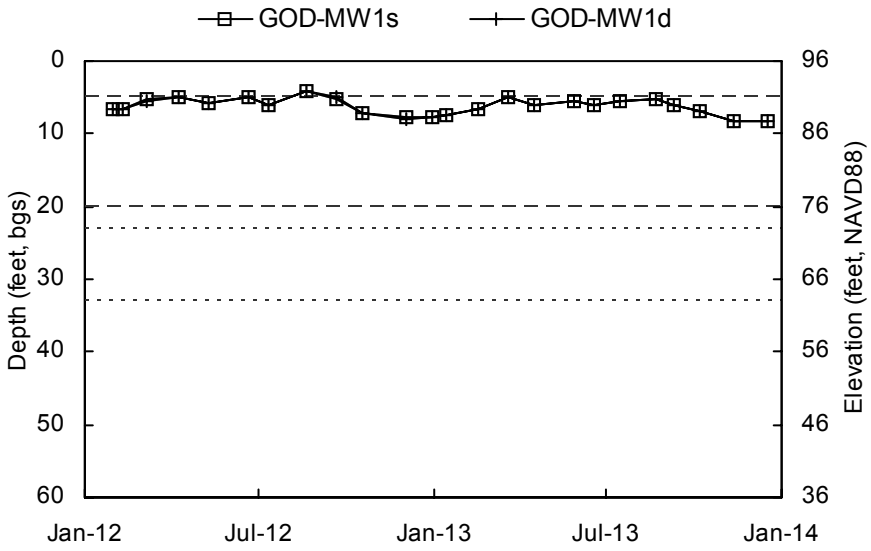

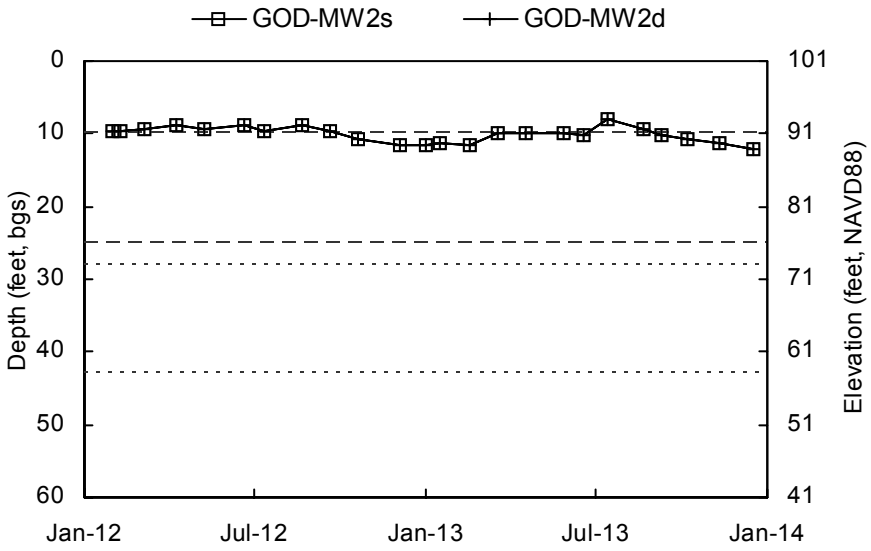

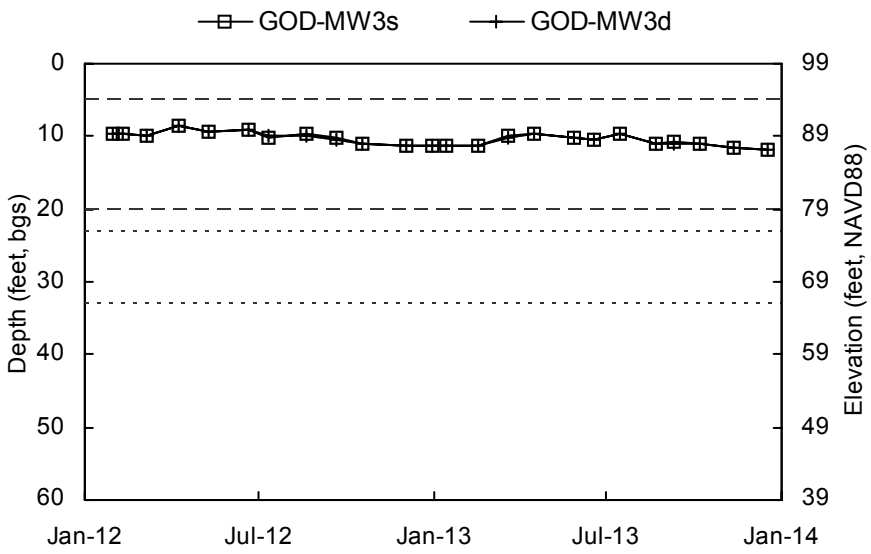

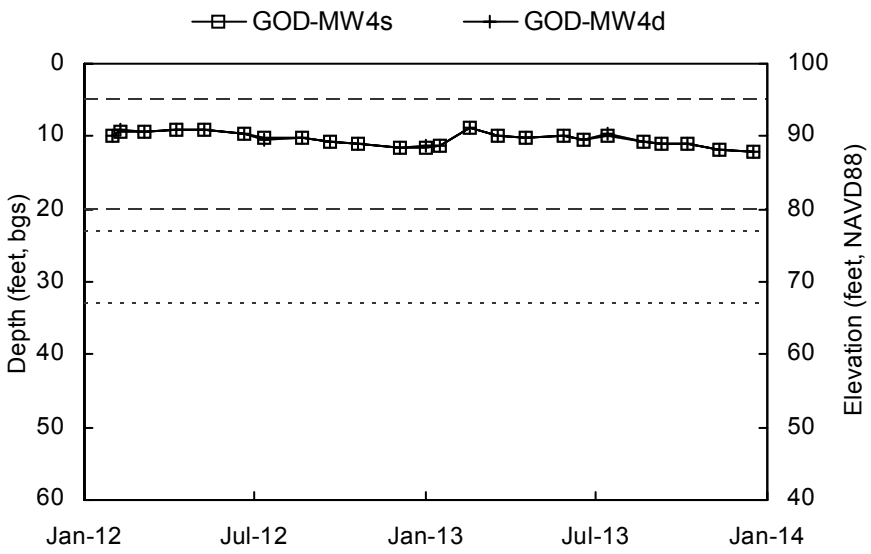

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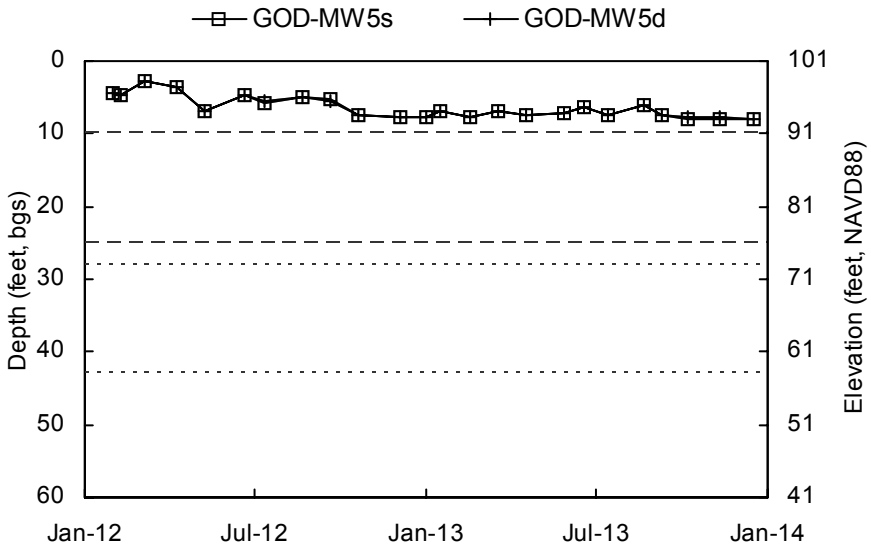

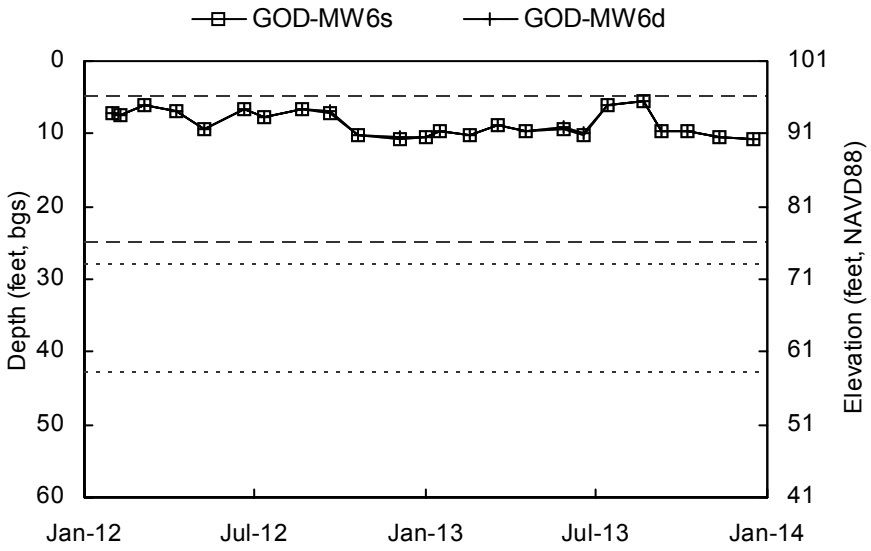

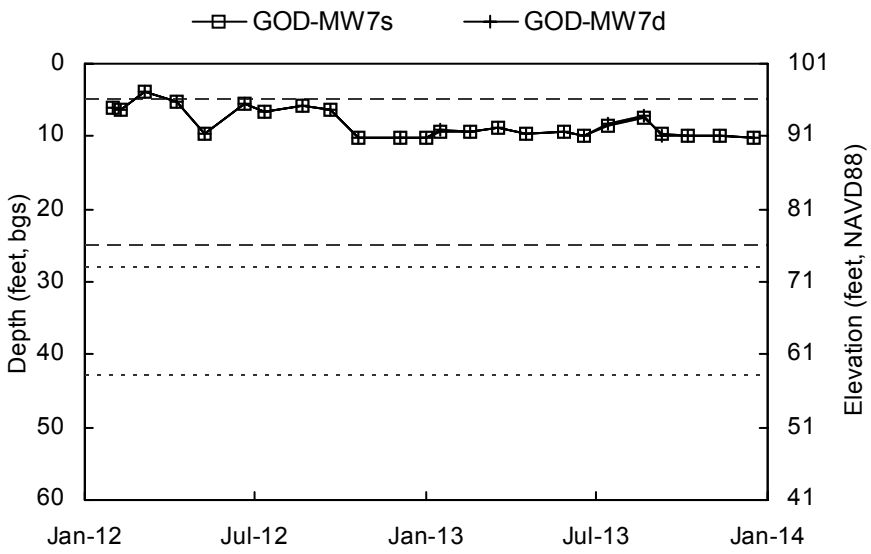

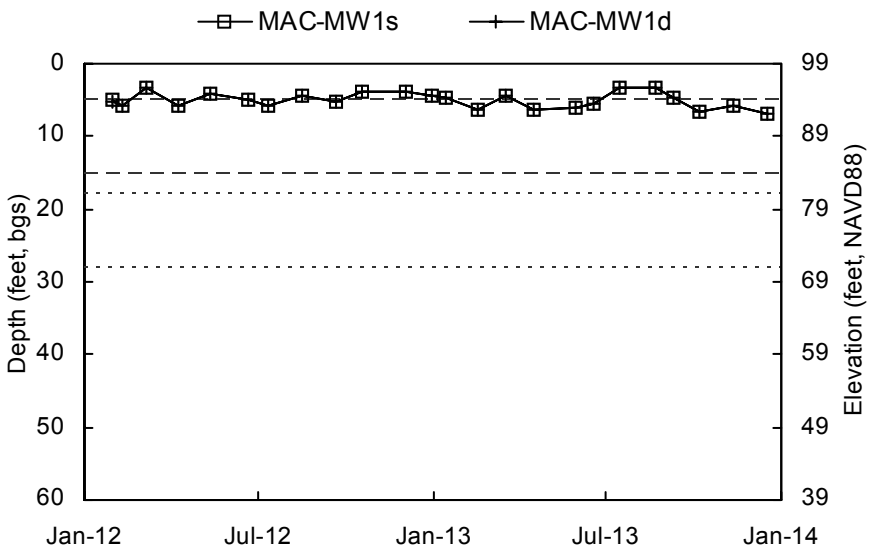

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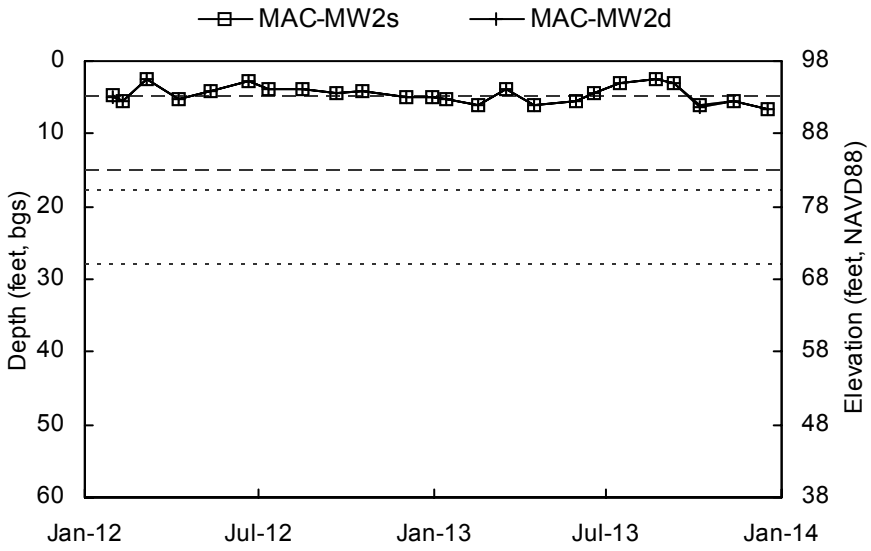

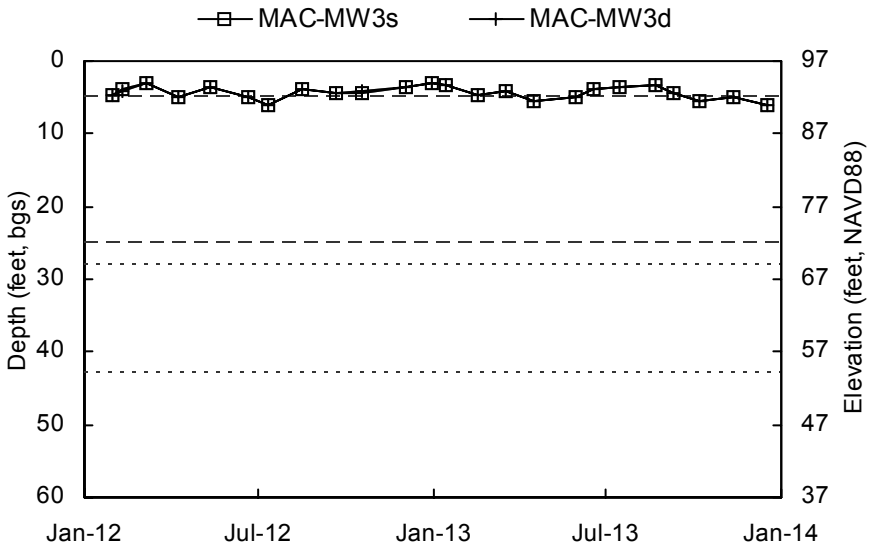

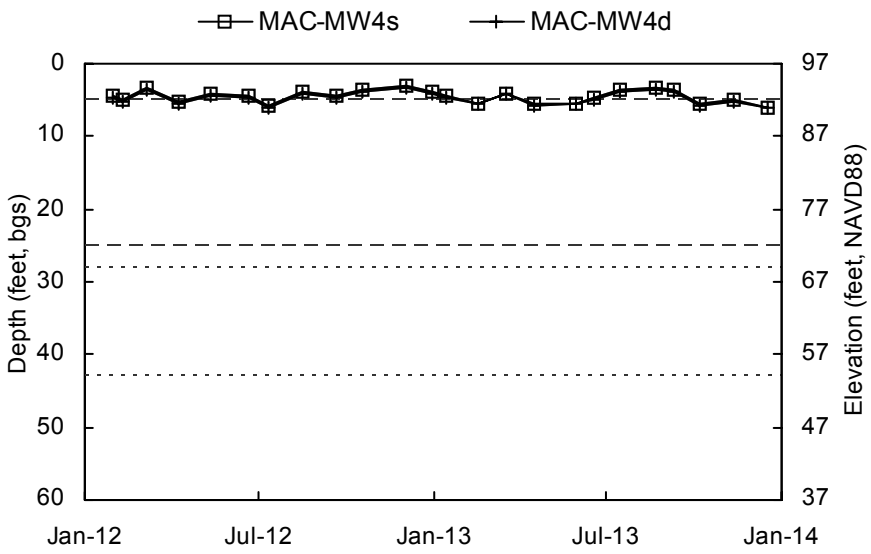

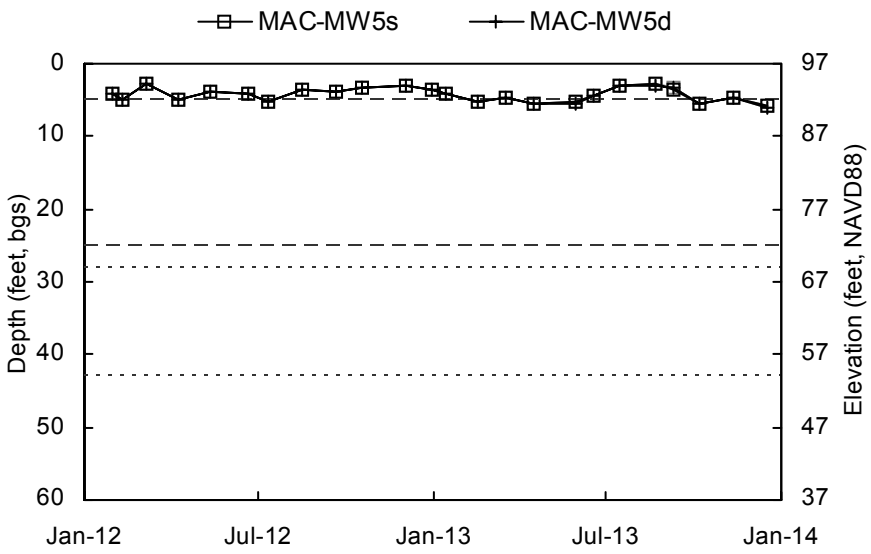

Shallow Well Screened Interval Deep Well Screened Interval

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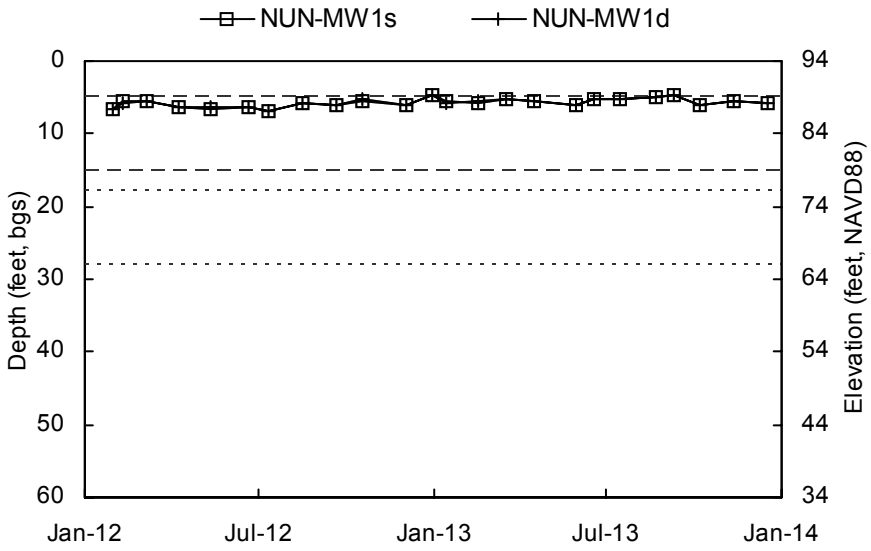

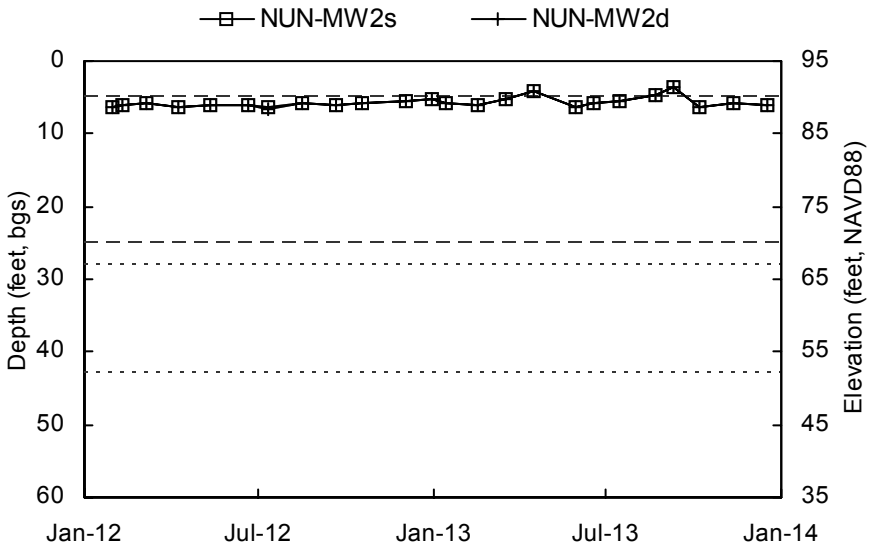

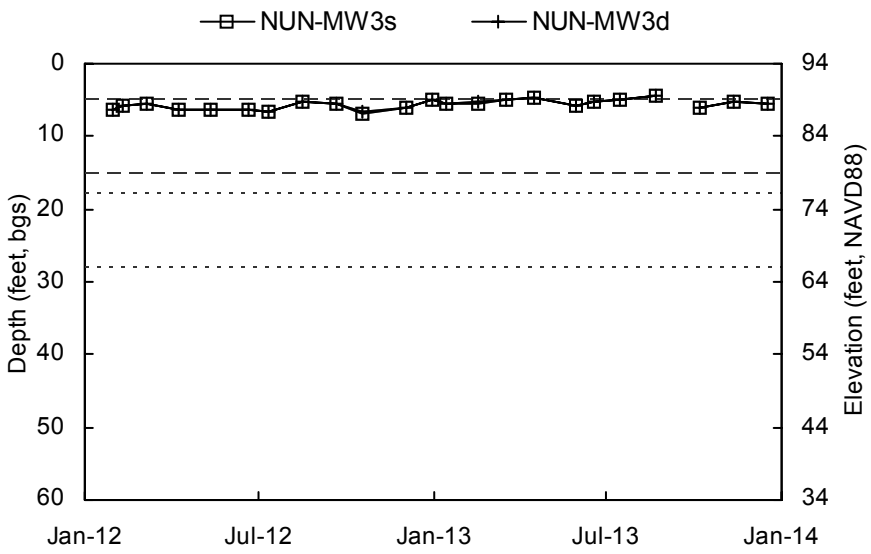

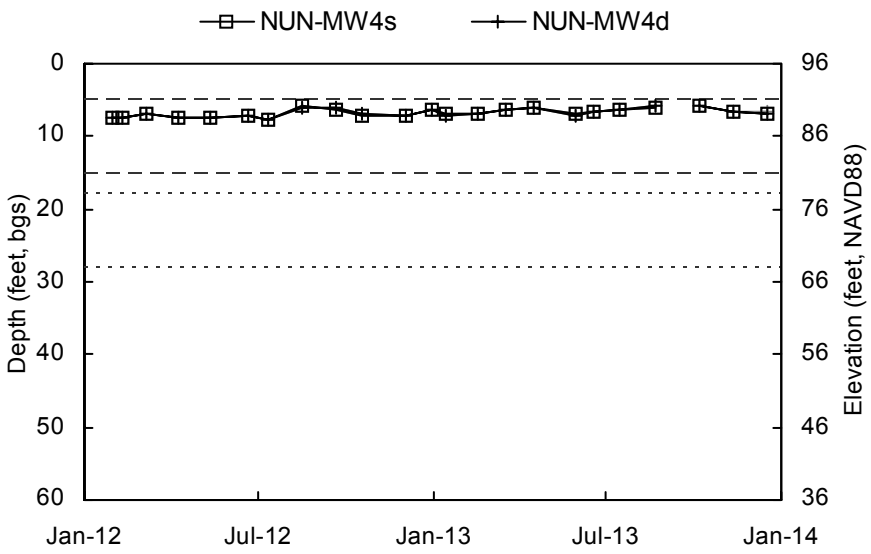

Shallow Well Screened Interval Deep Well Screened Interval

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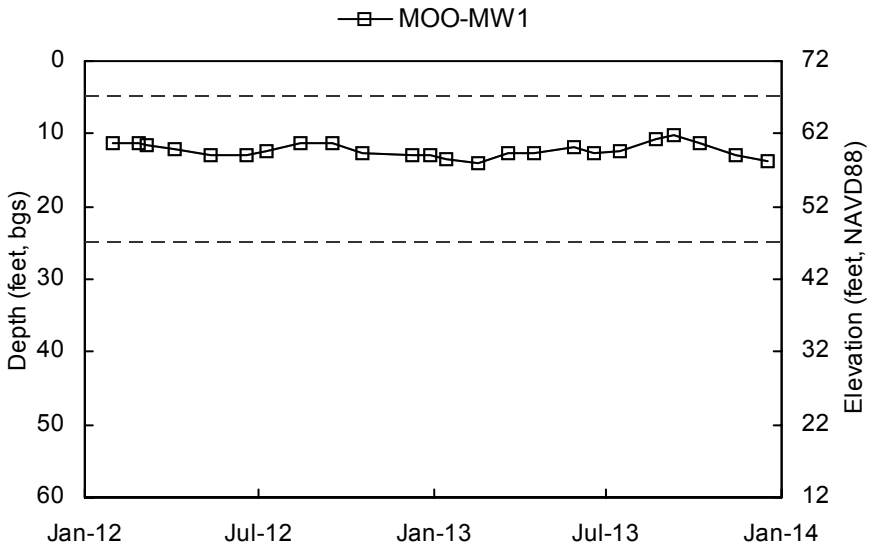

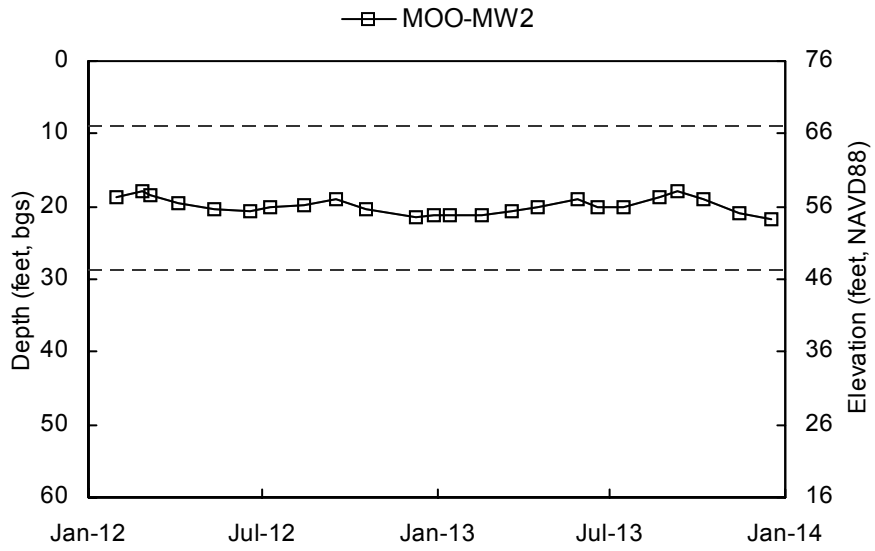

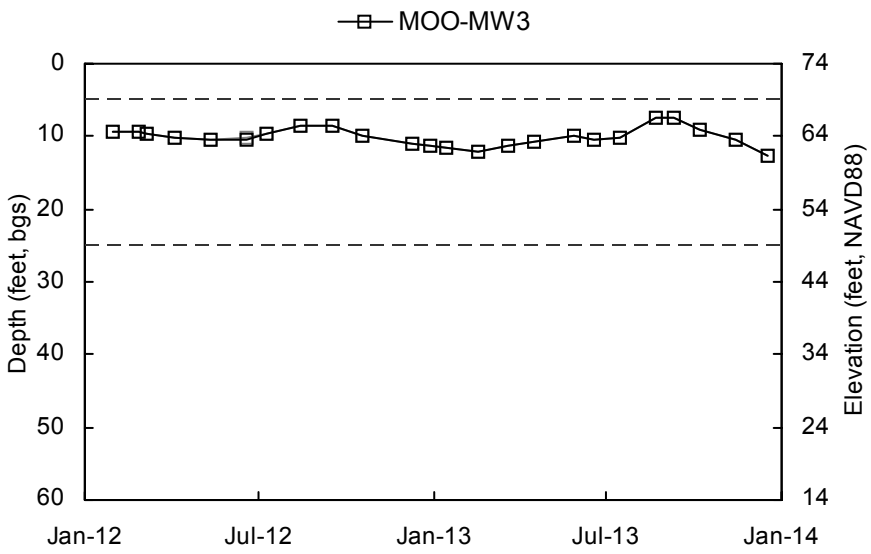

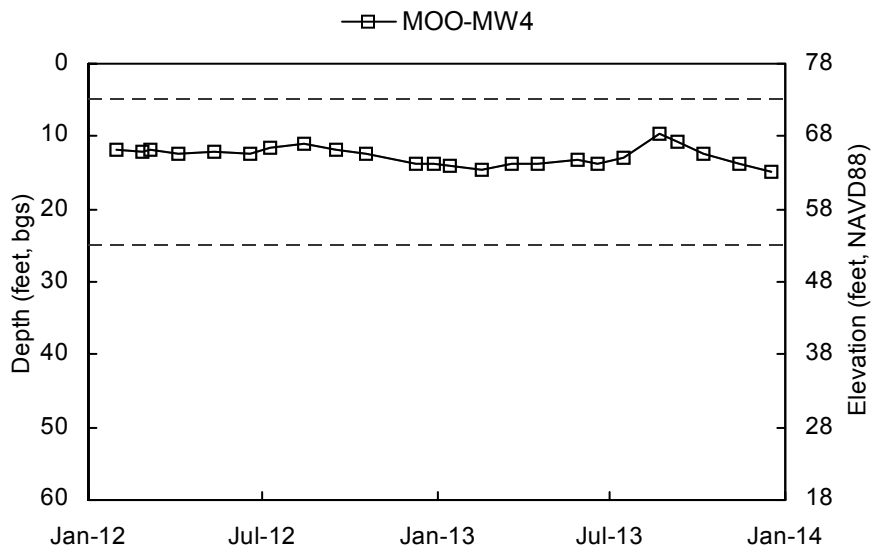

Shallow Well Screened Interval Deep Well Screened Interval

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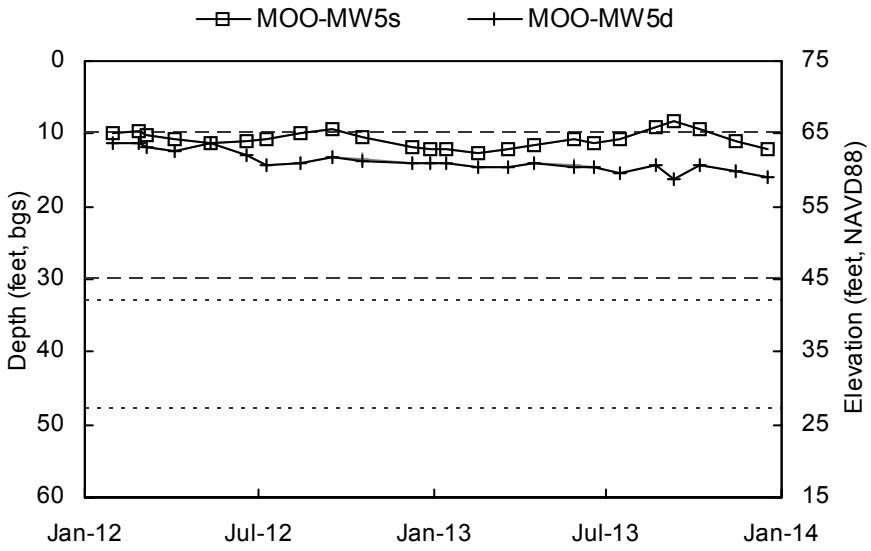

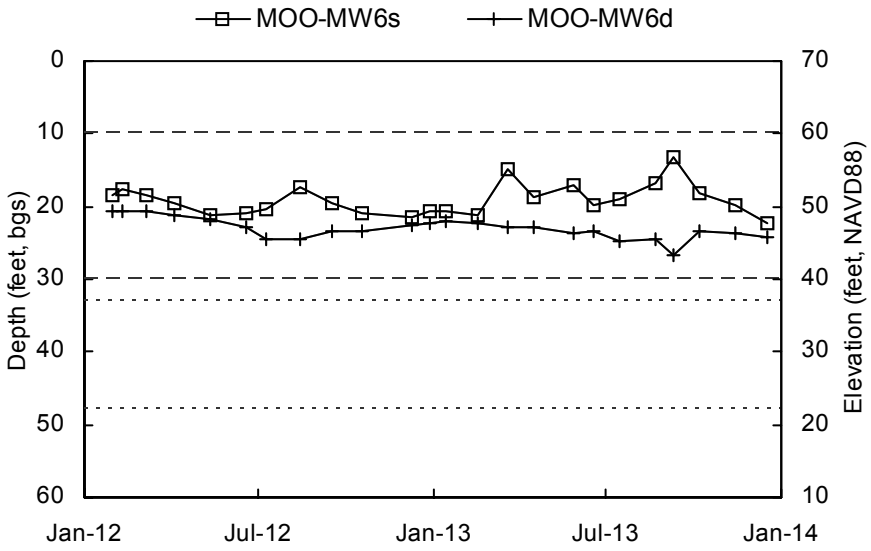

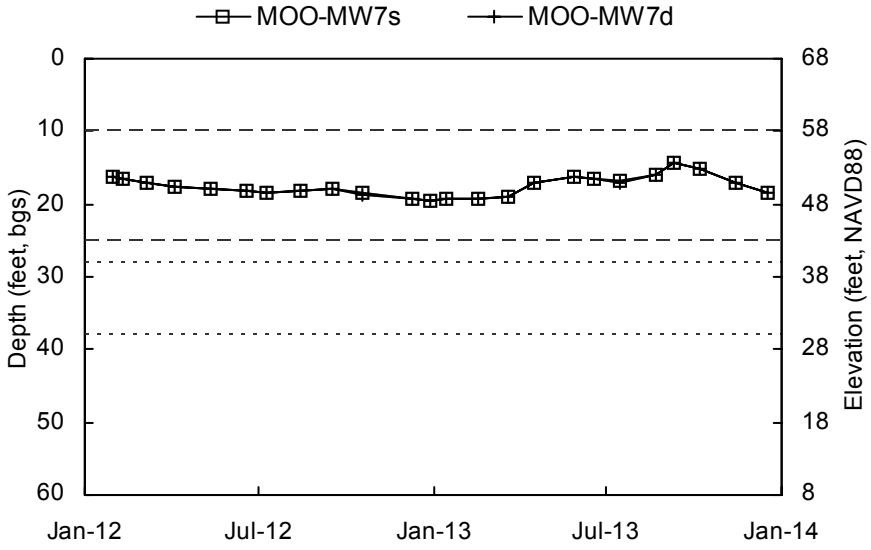

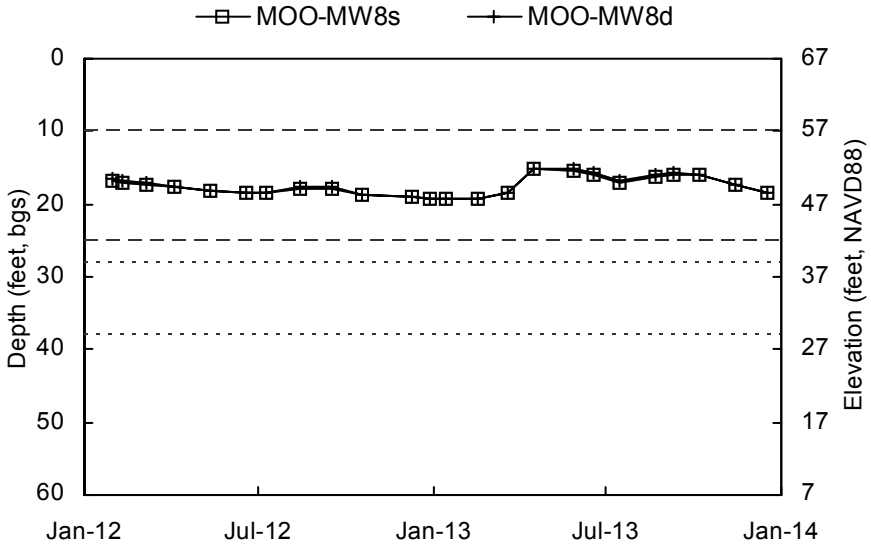

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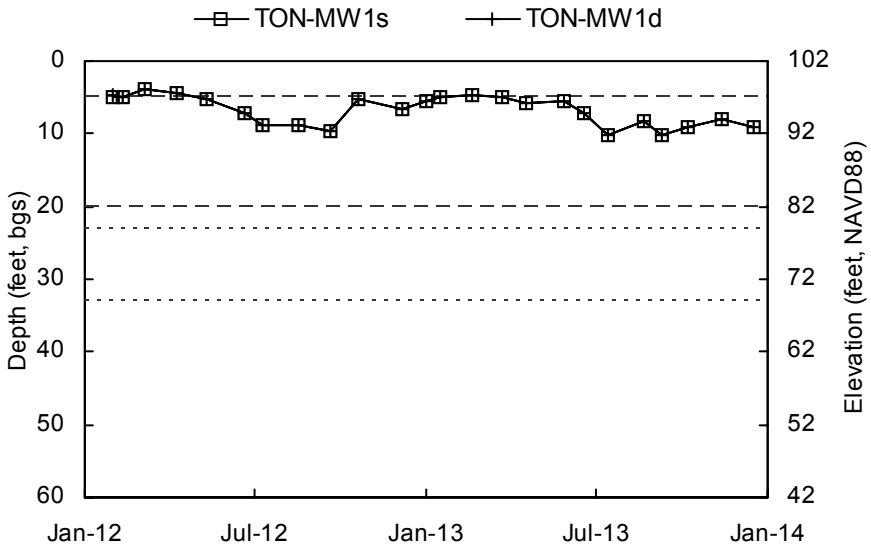

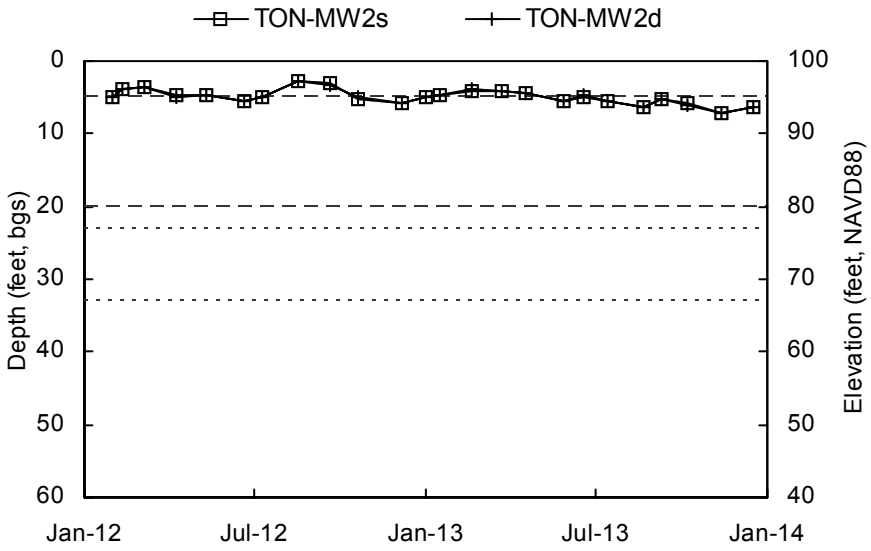

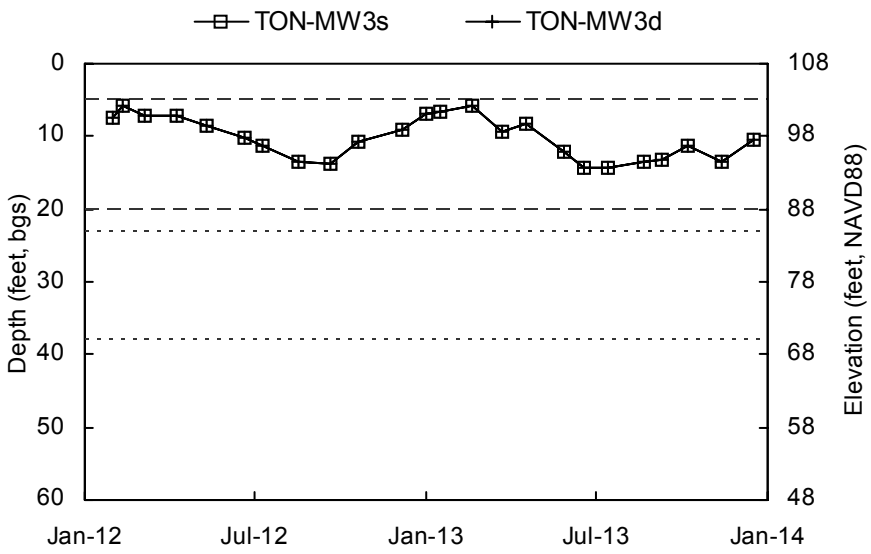

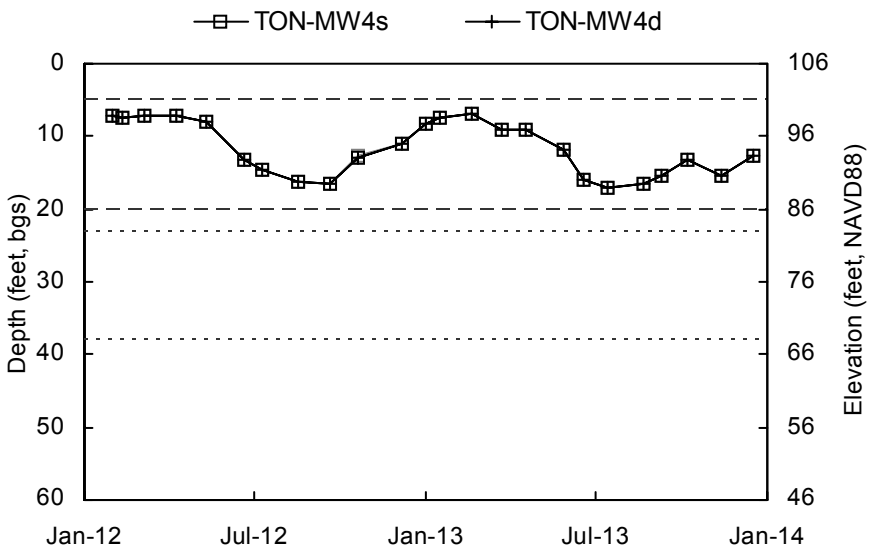

Shallow Well Screened Interval Deep Well Screened Interval

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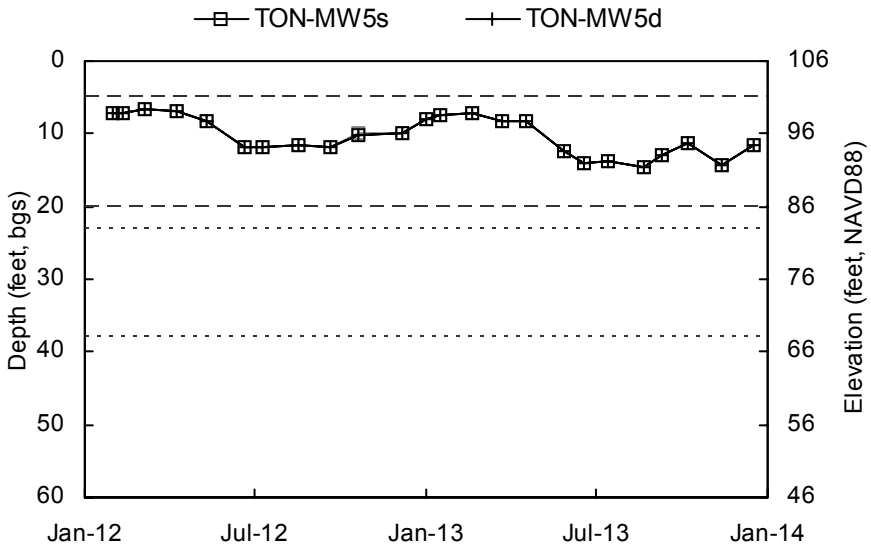

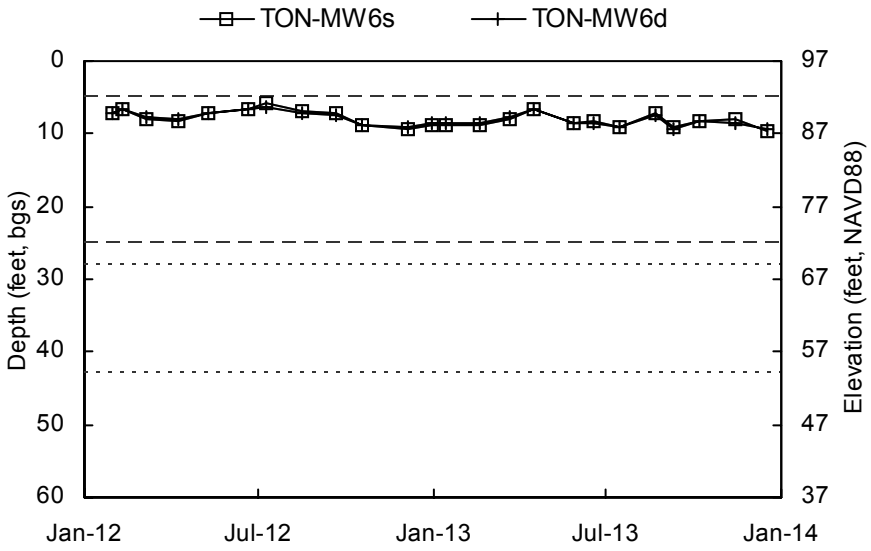

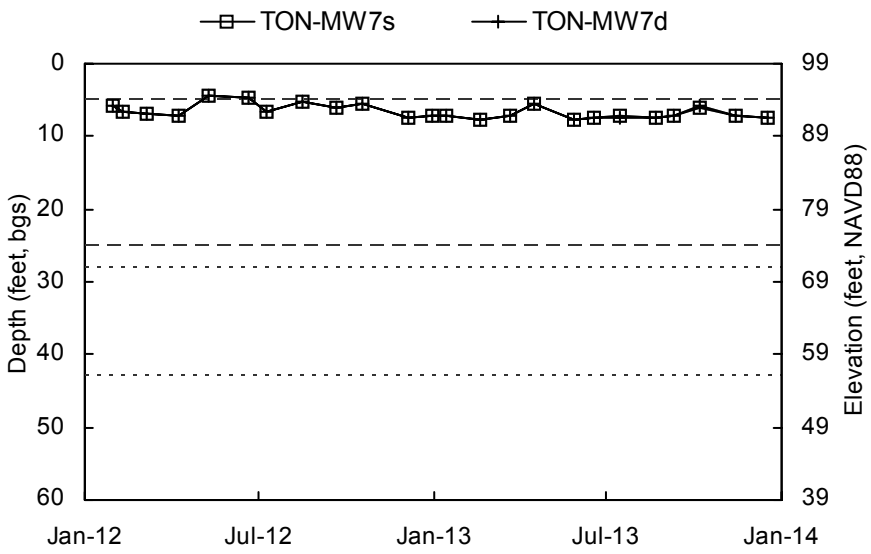

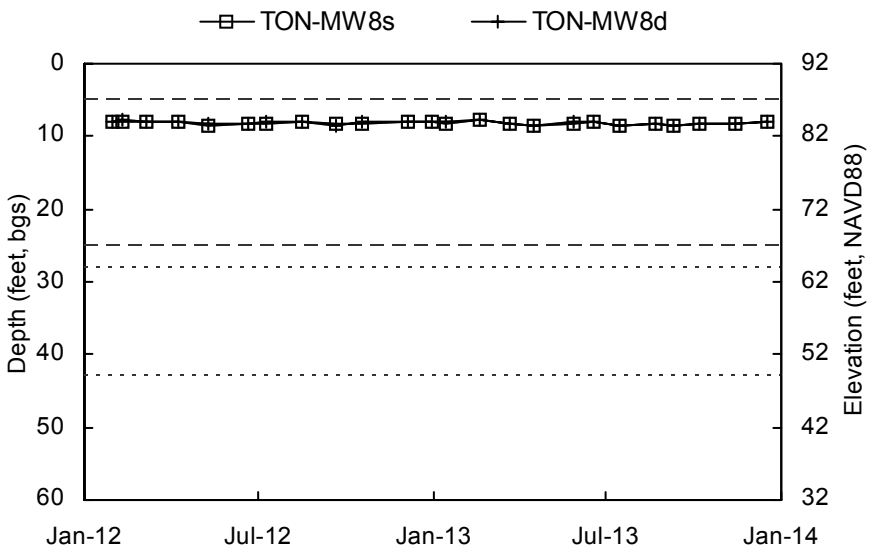

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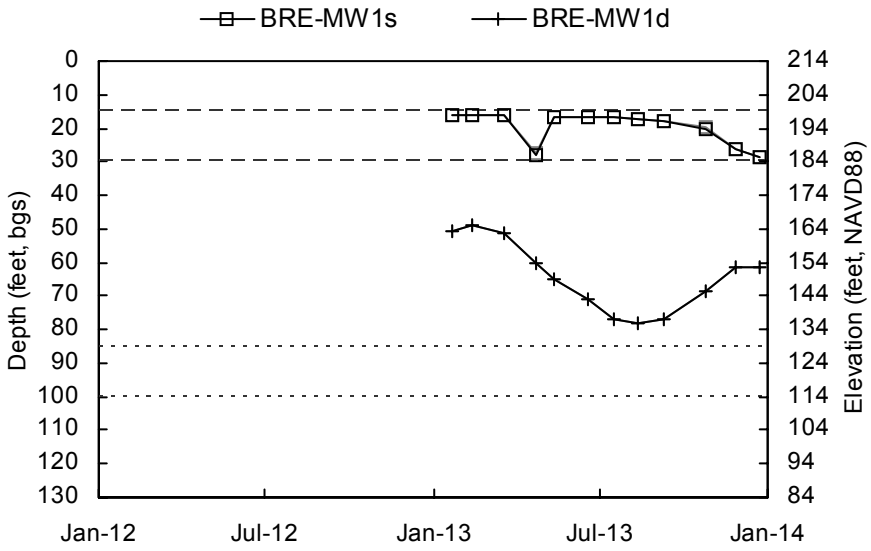

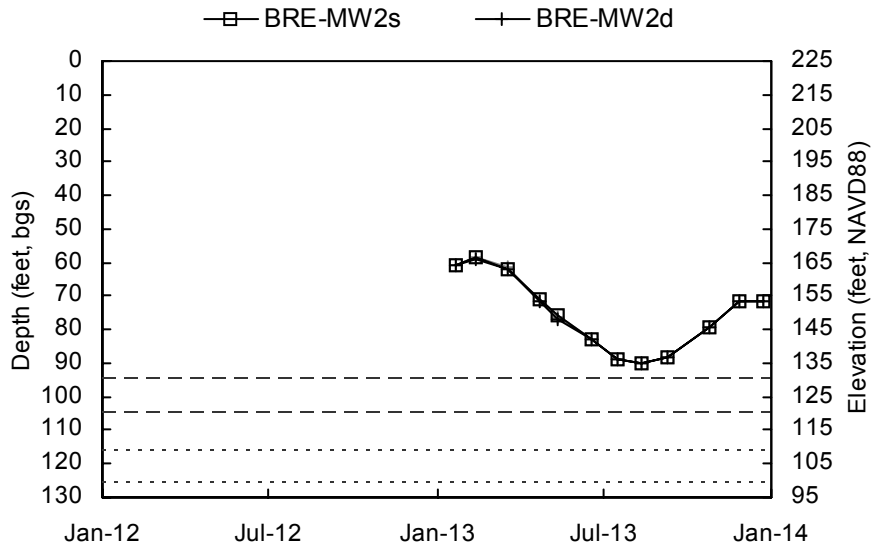

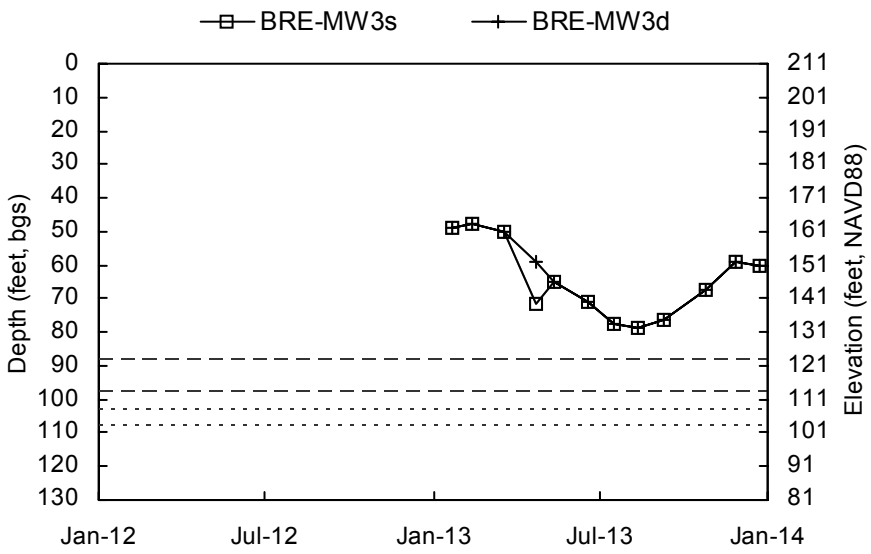

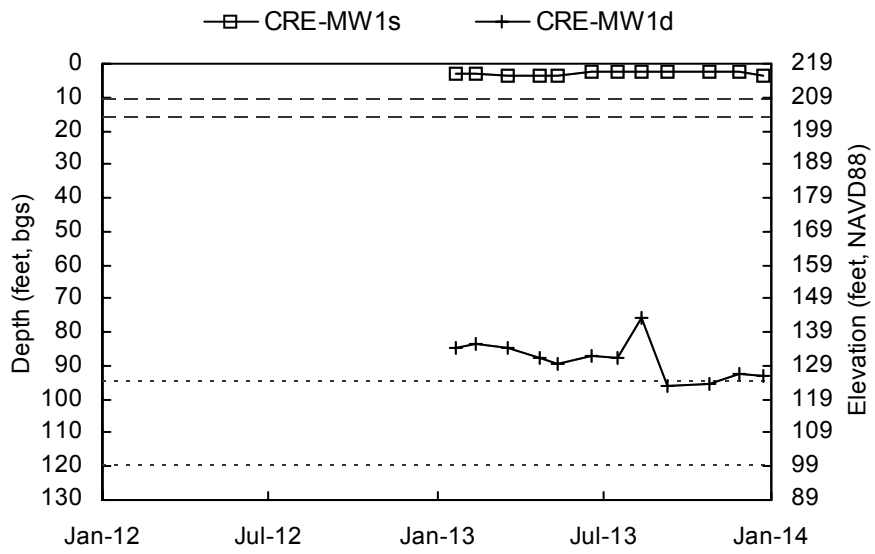

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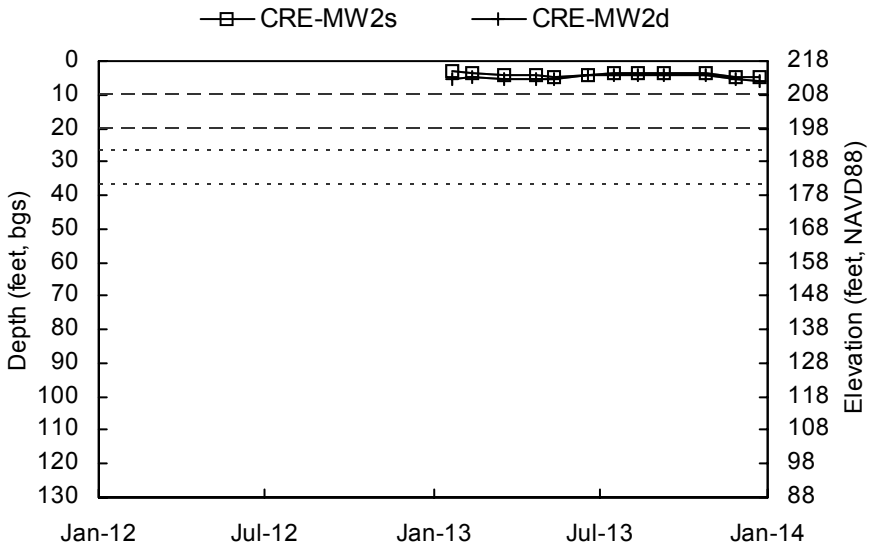

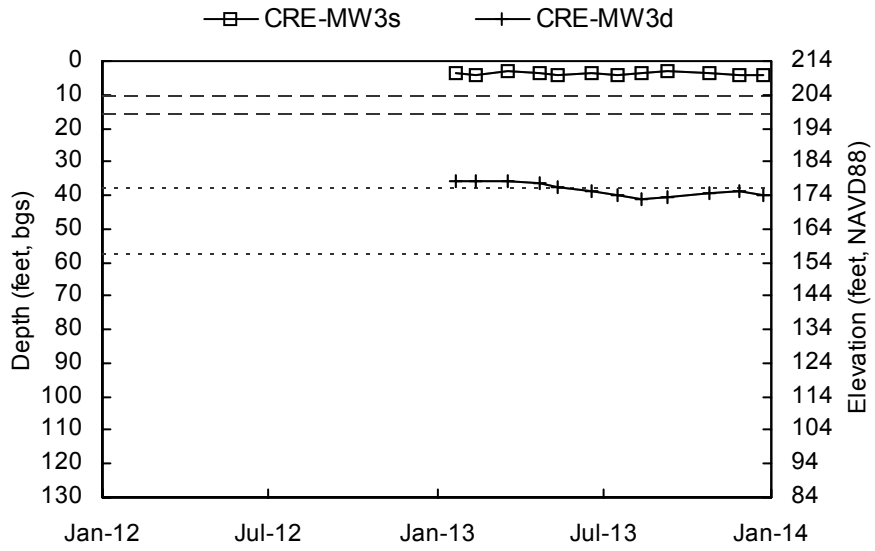

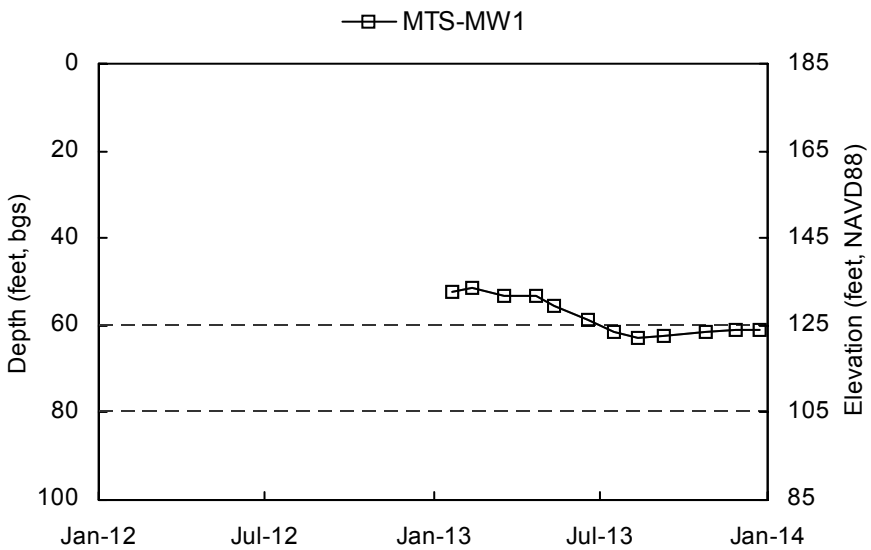

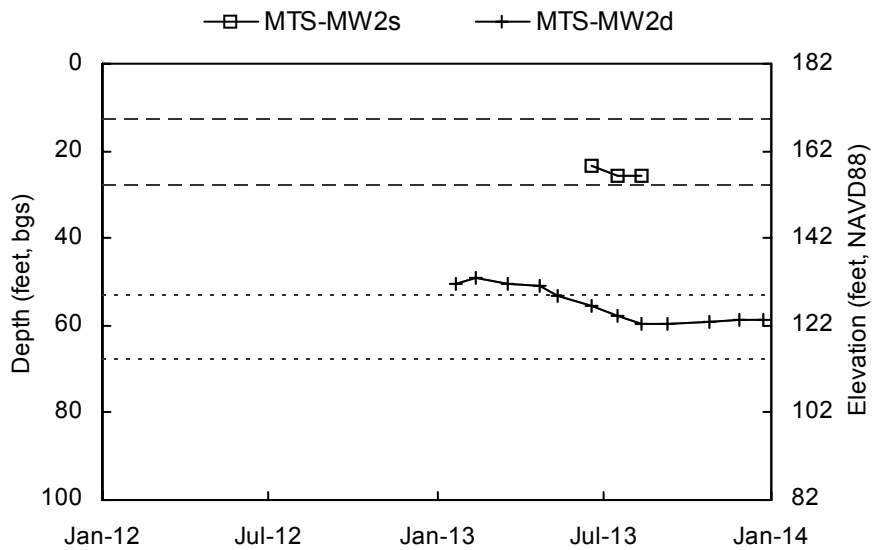

Shallow Well Screened Interval Deep Well Screened Interval

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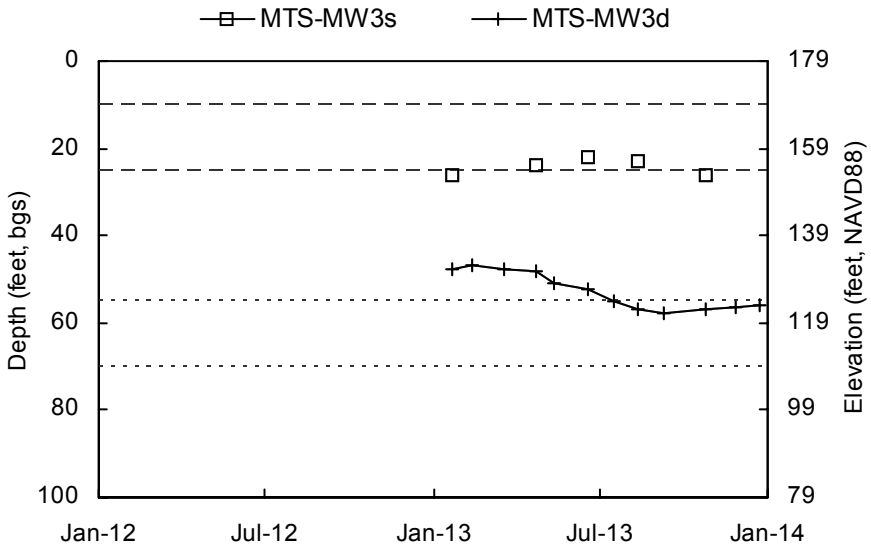

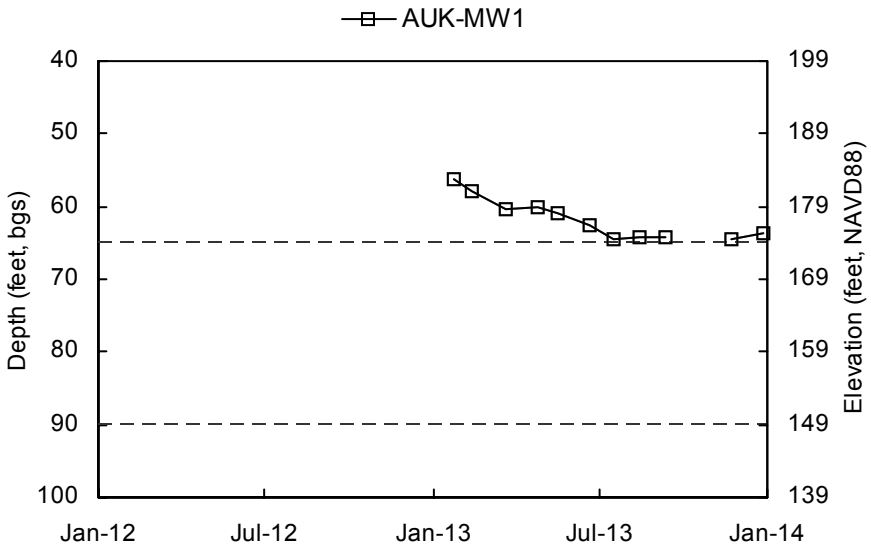

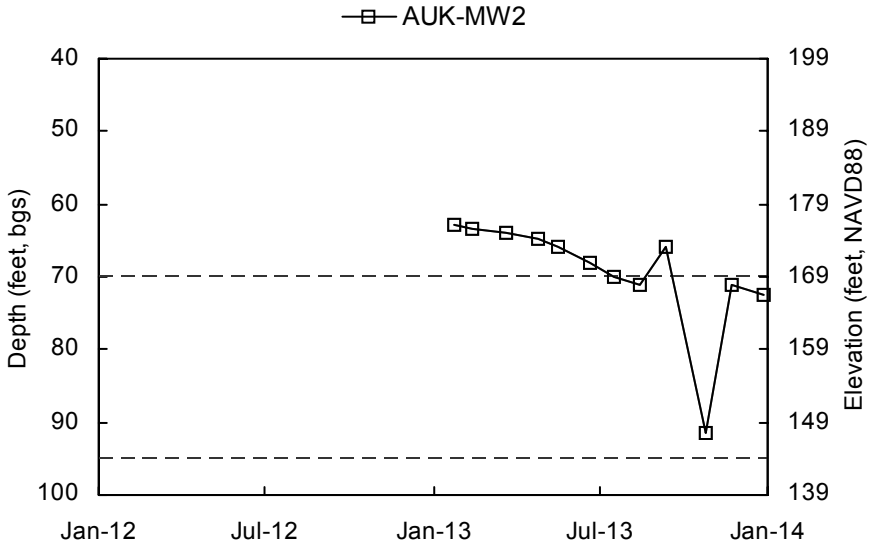

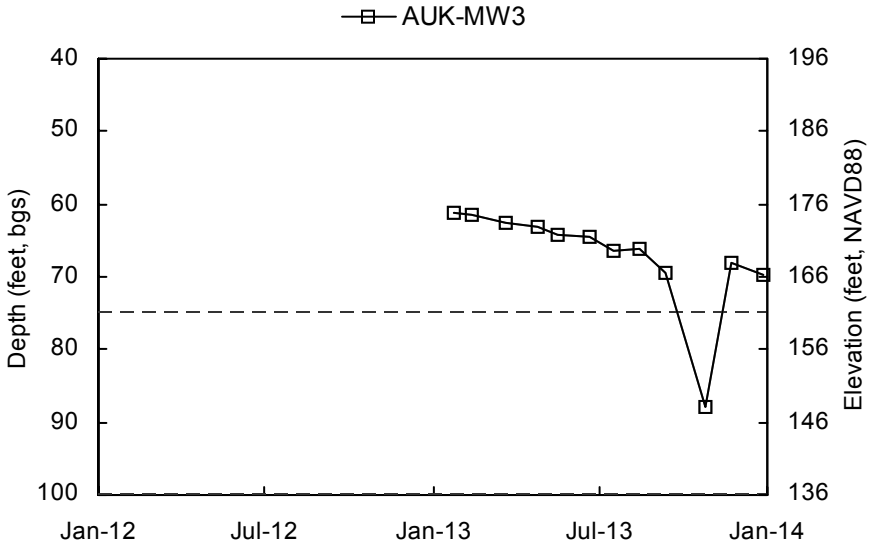

Shallow Well Screened Interval Deep Well Screened Interval

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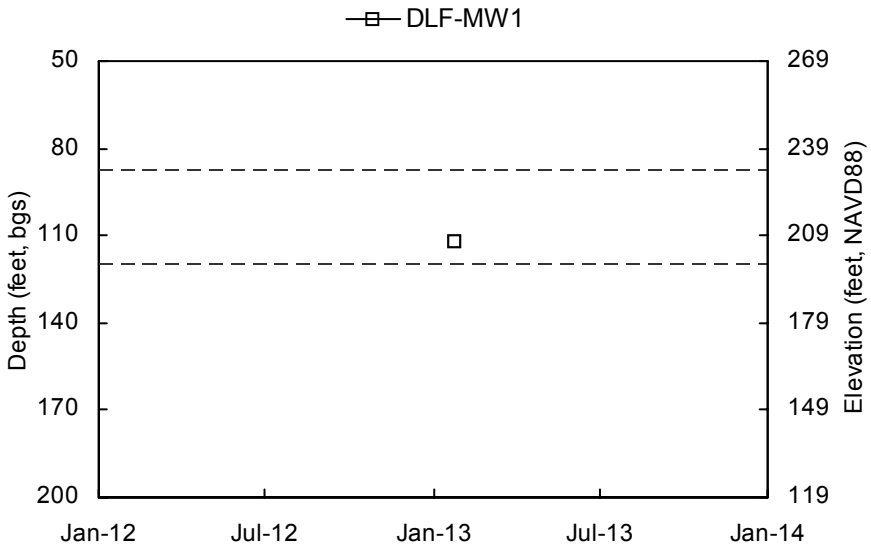

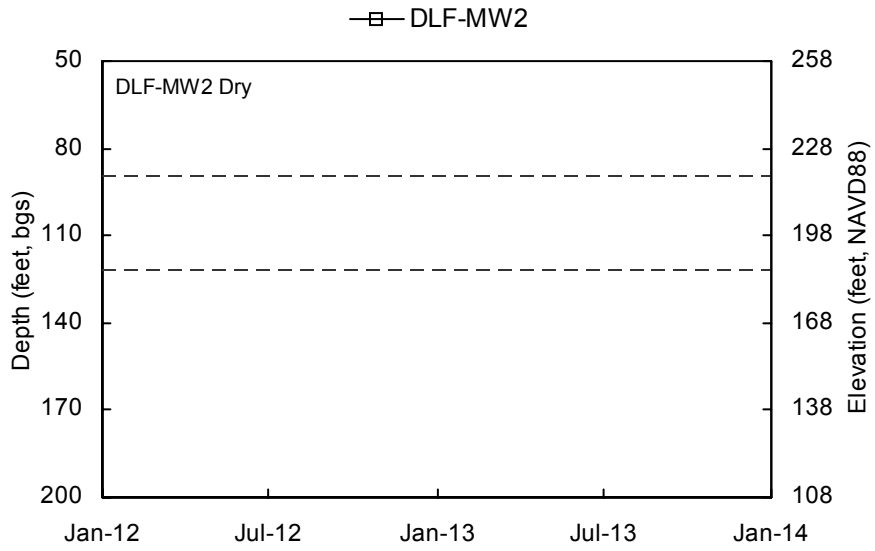

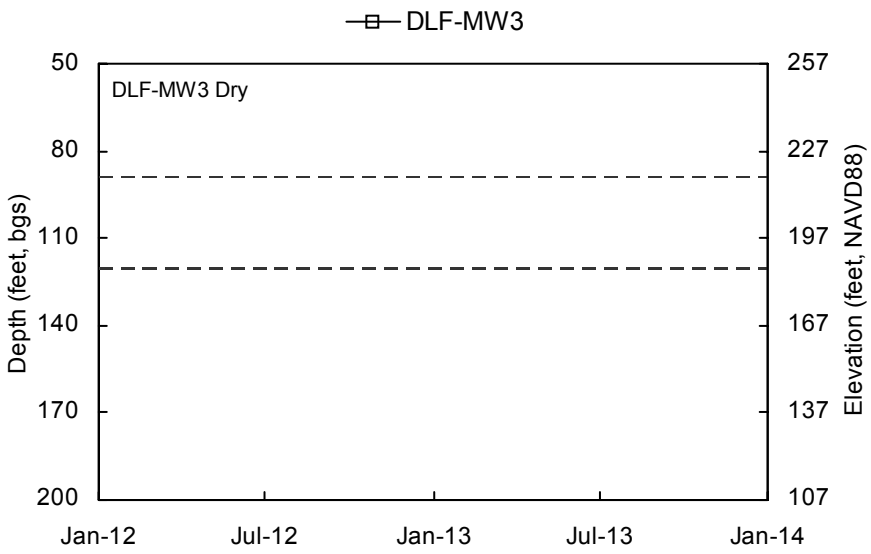

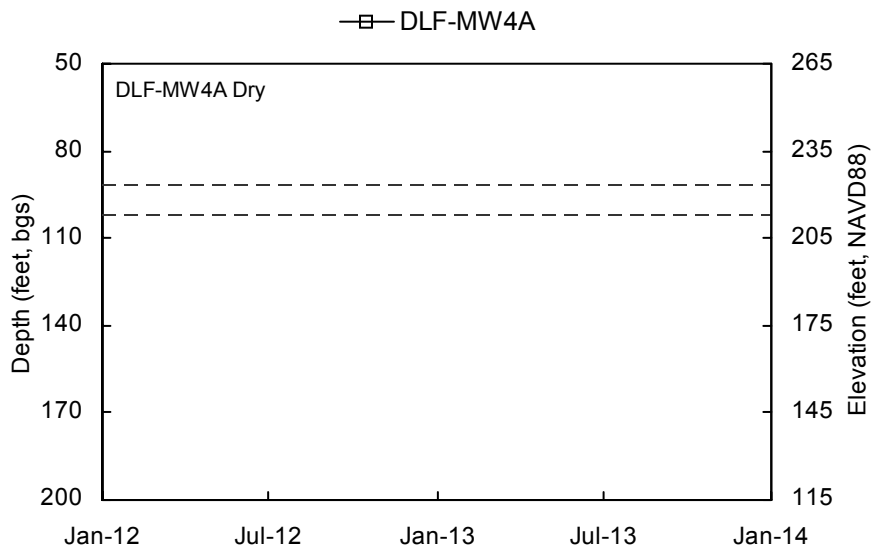

Shallow Well Screened Interval Deep Well Screened Interval

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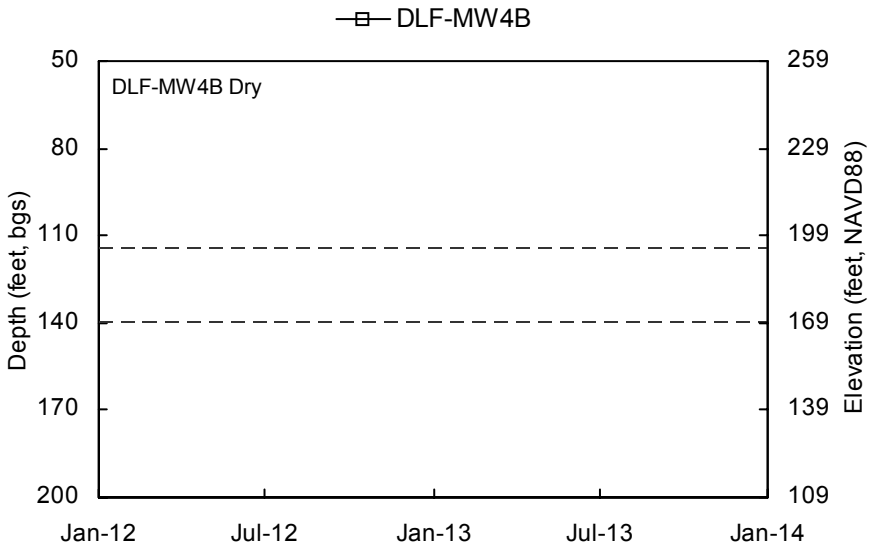

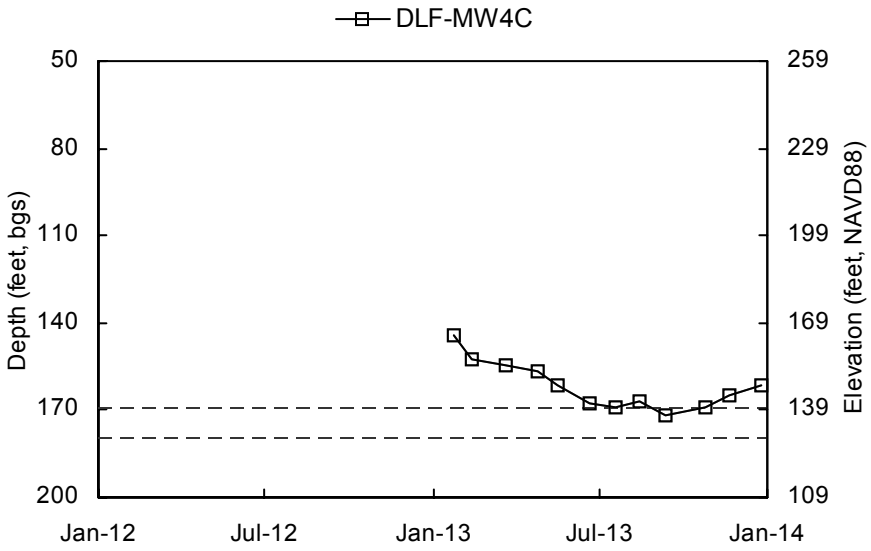

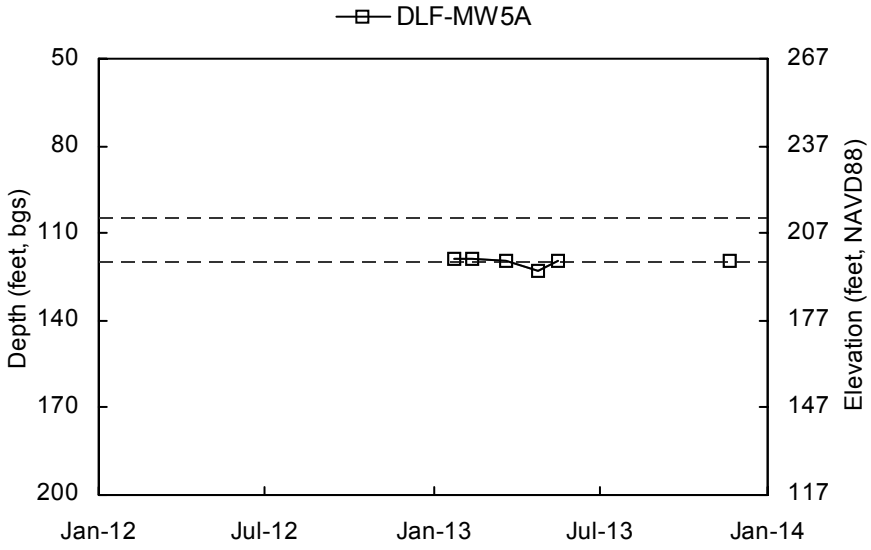

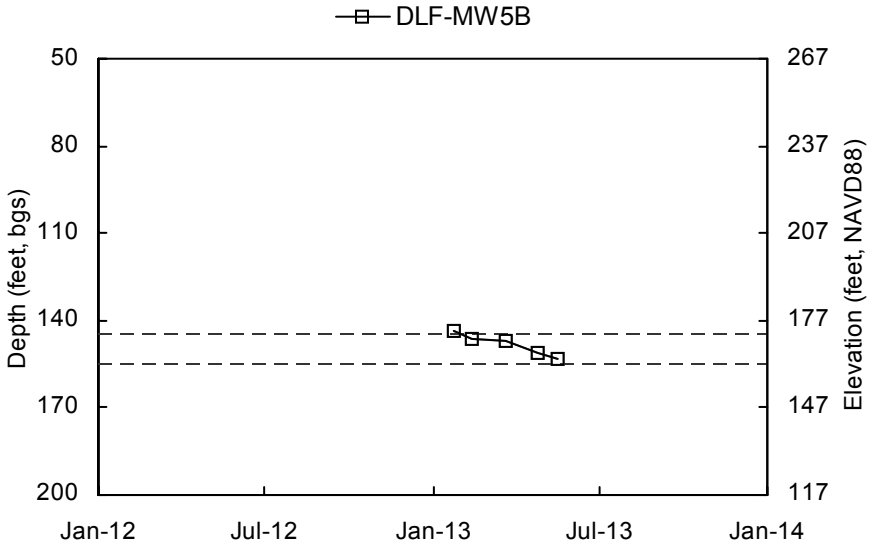

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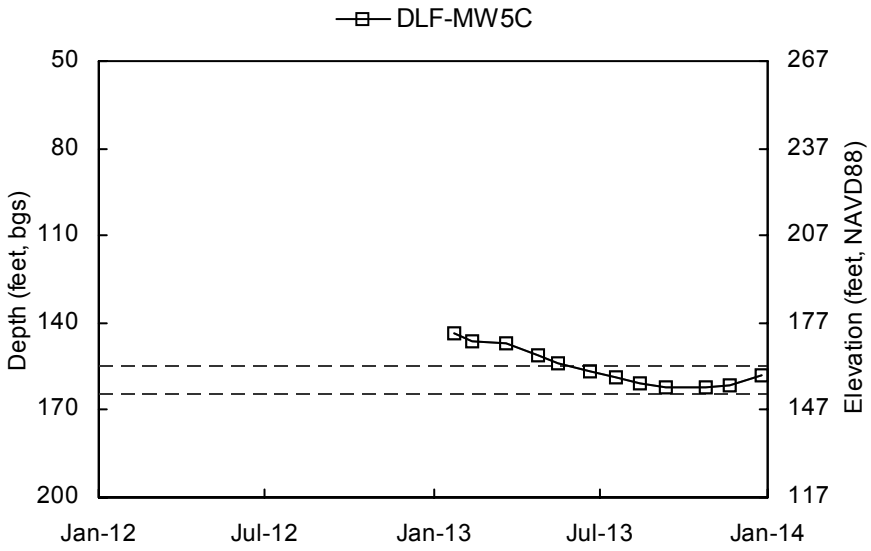

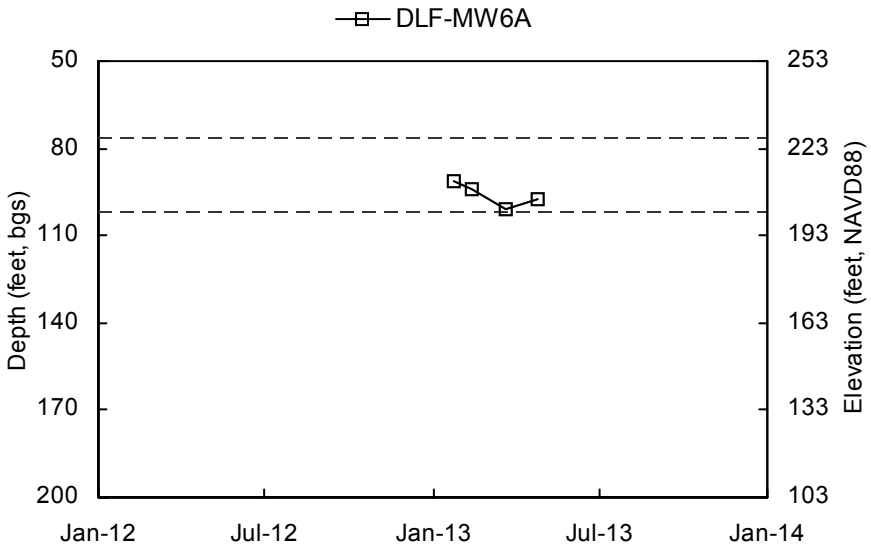

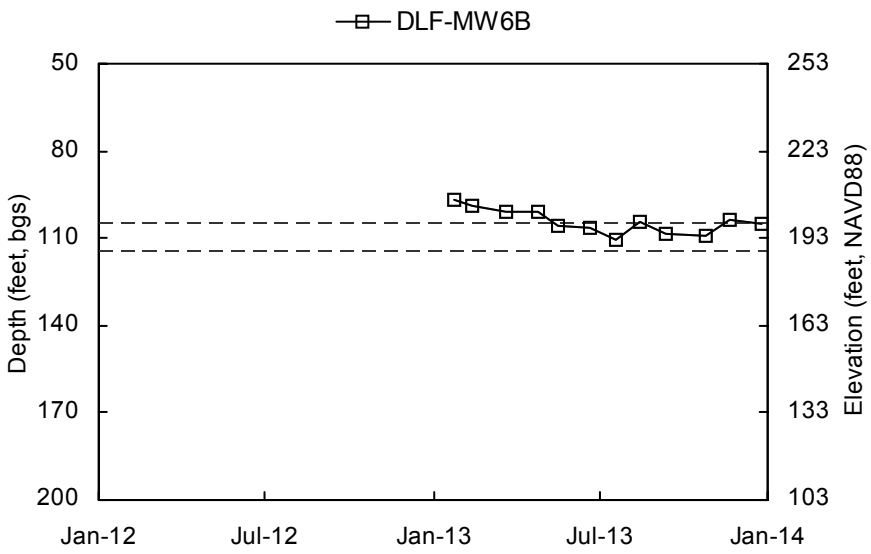

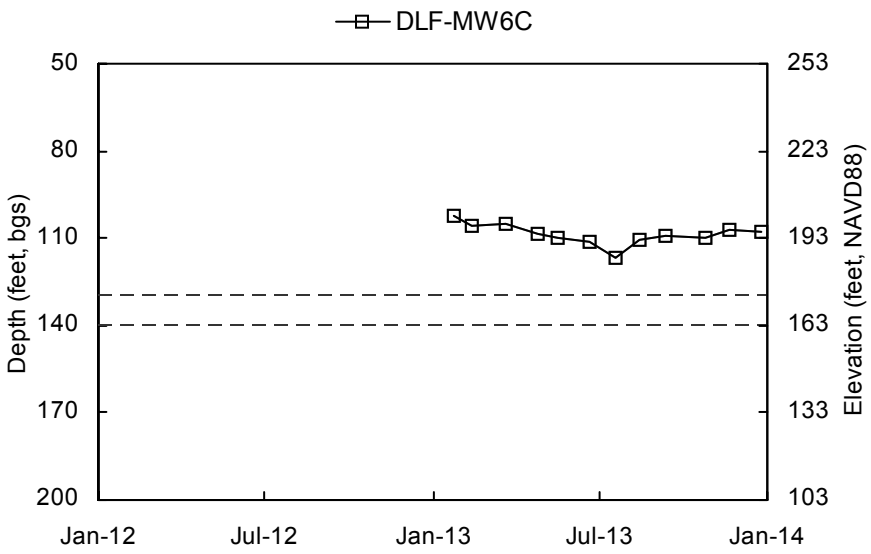

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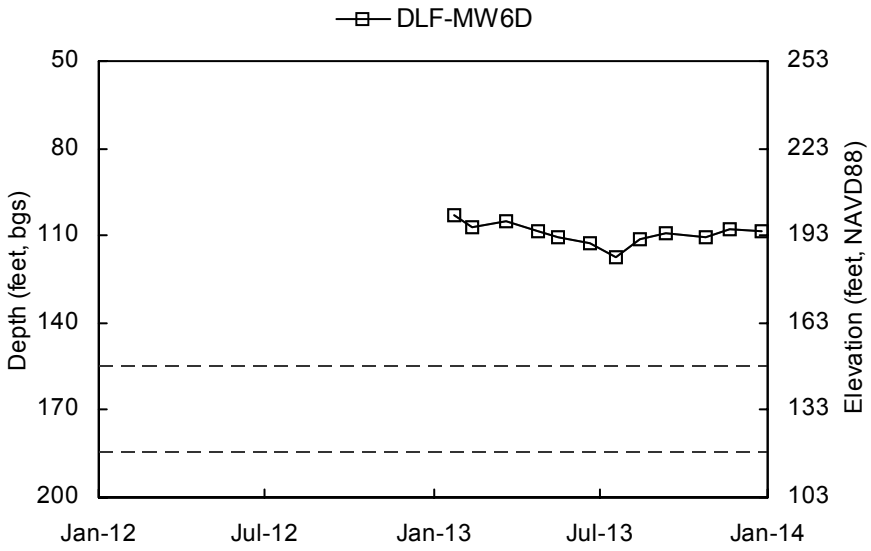

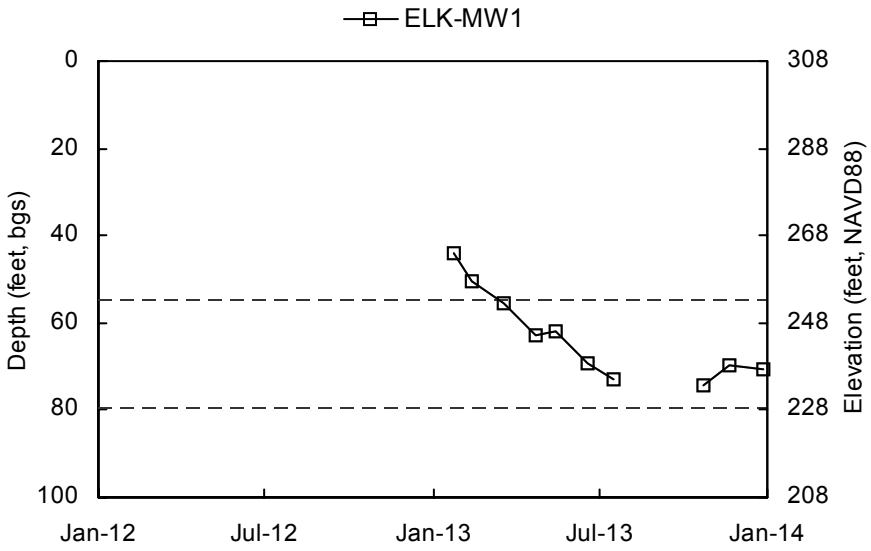

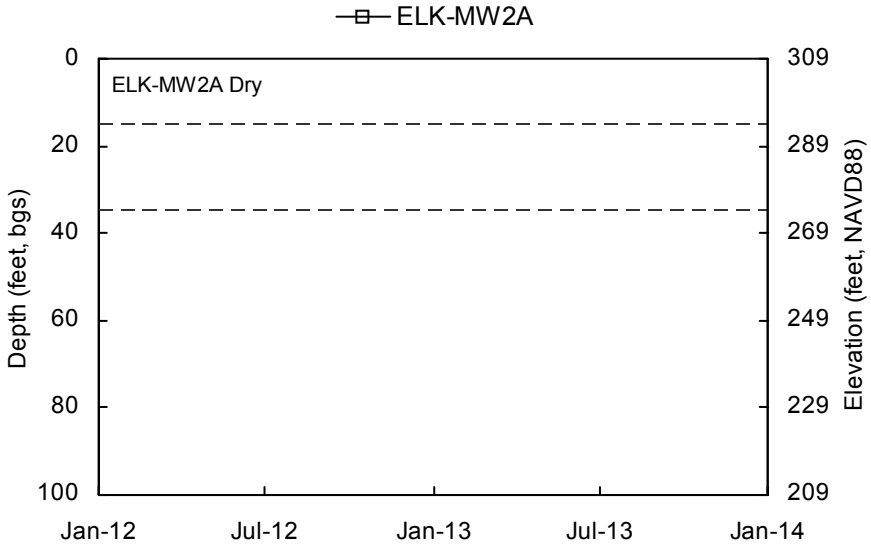

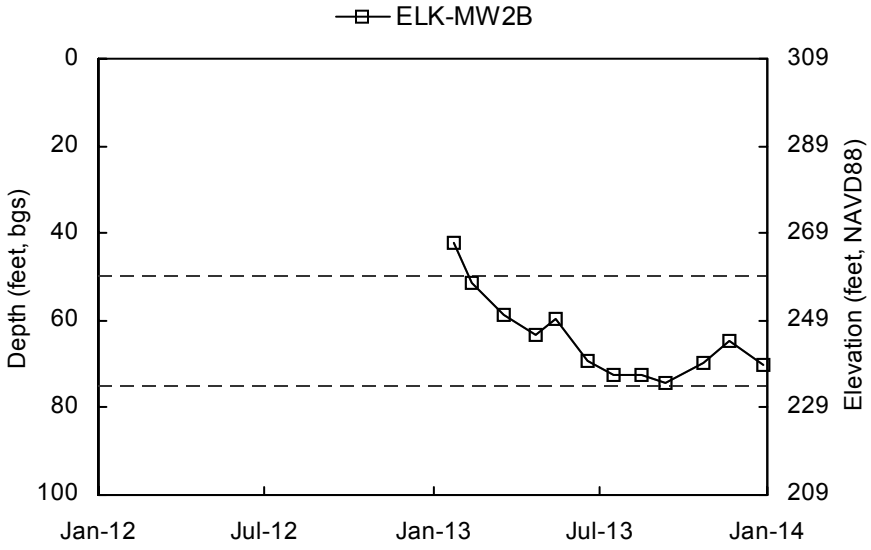

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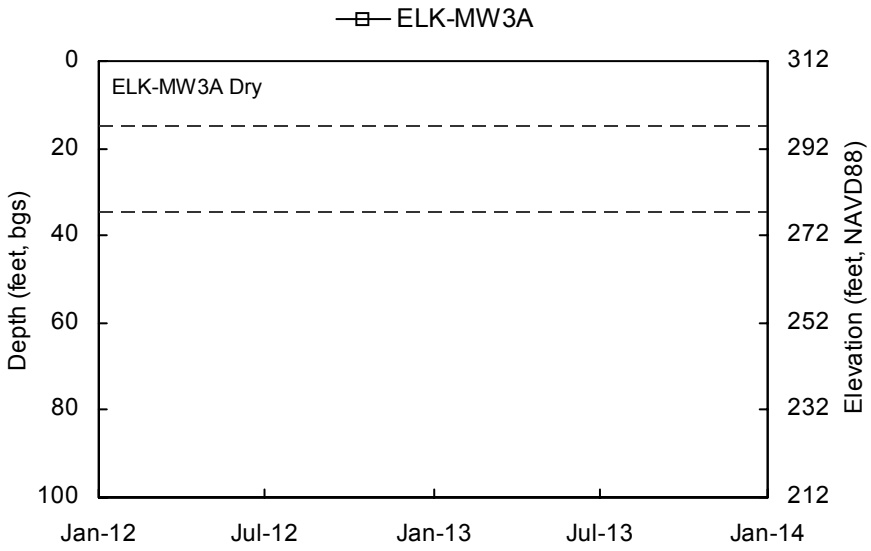

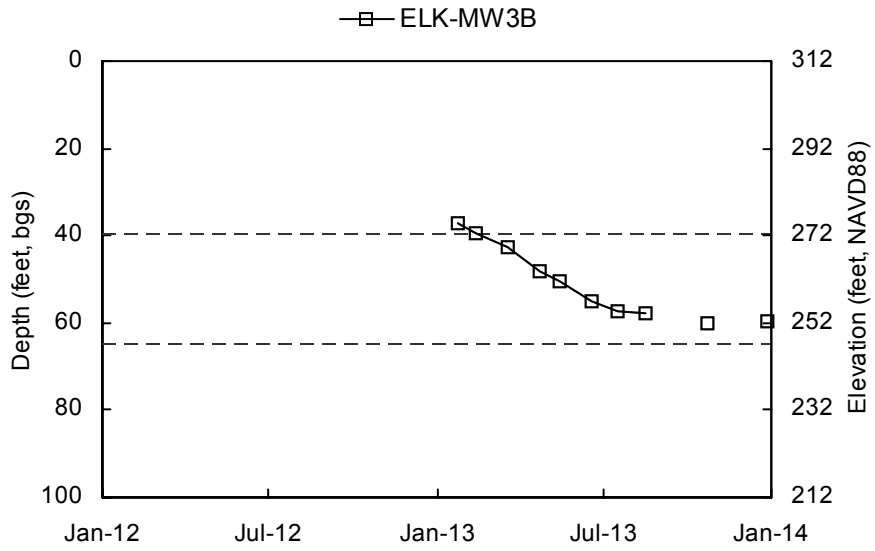

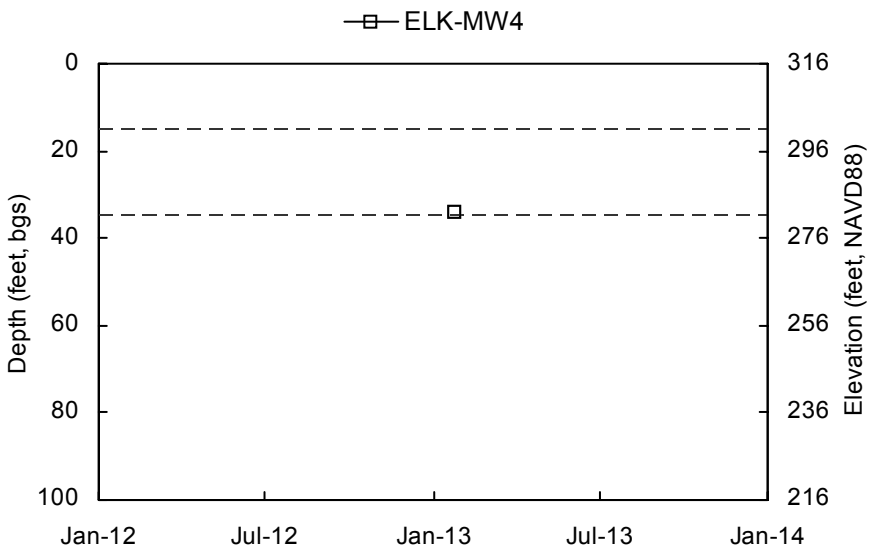

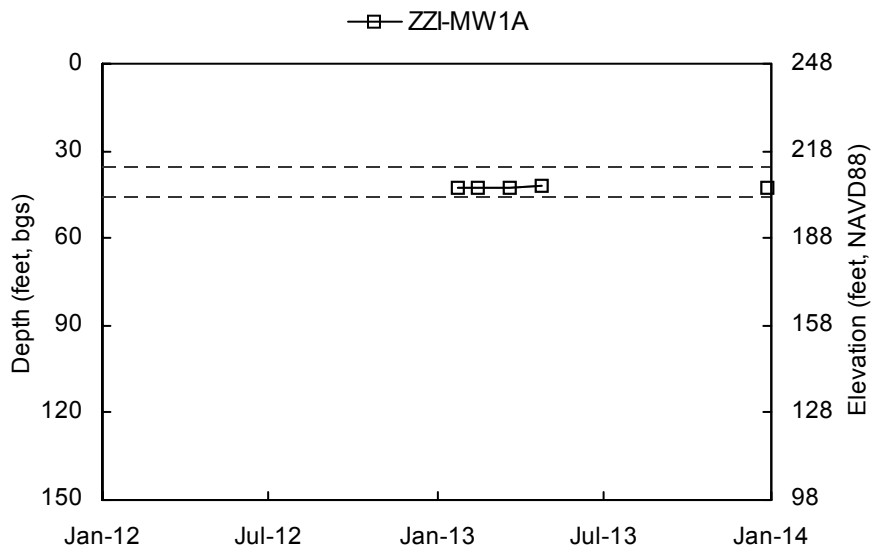

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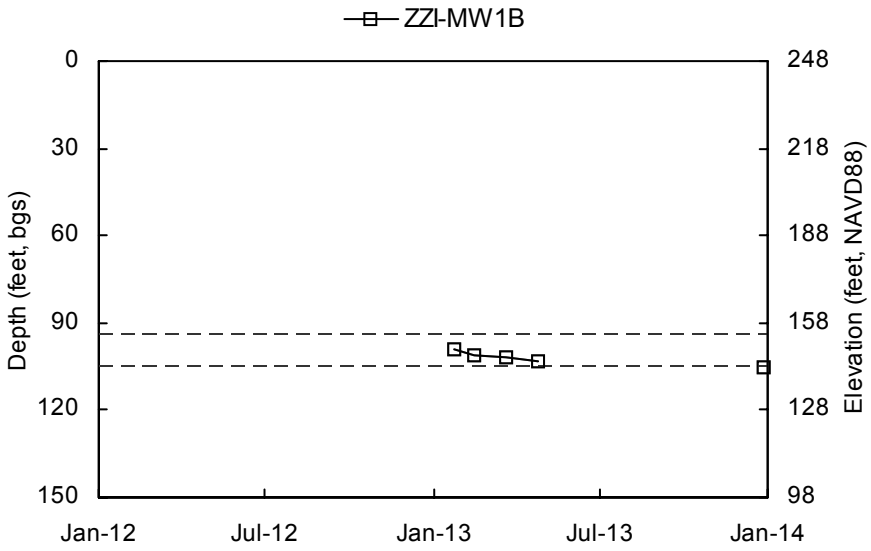

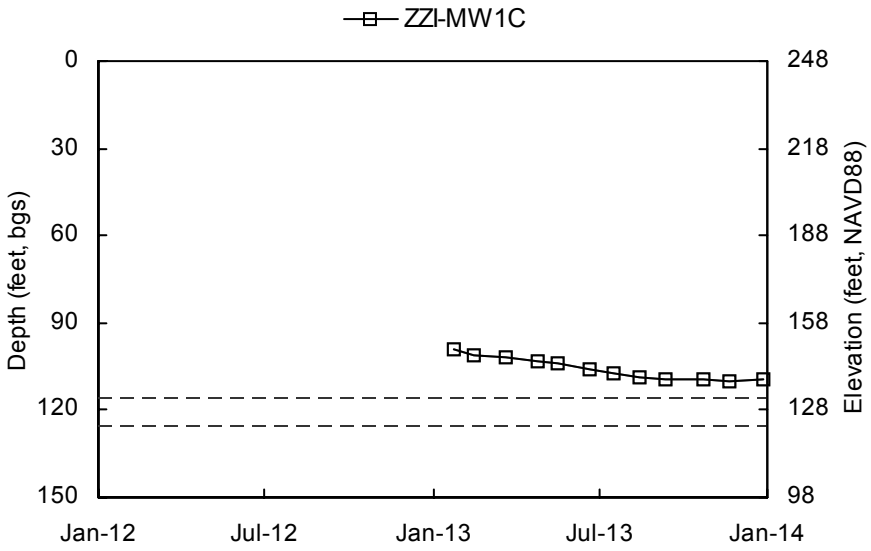

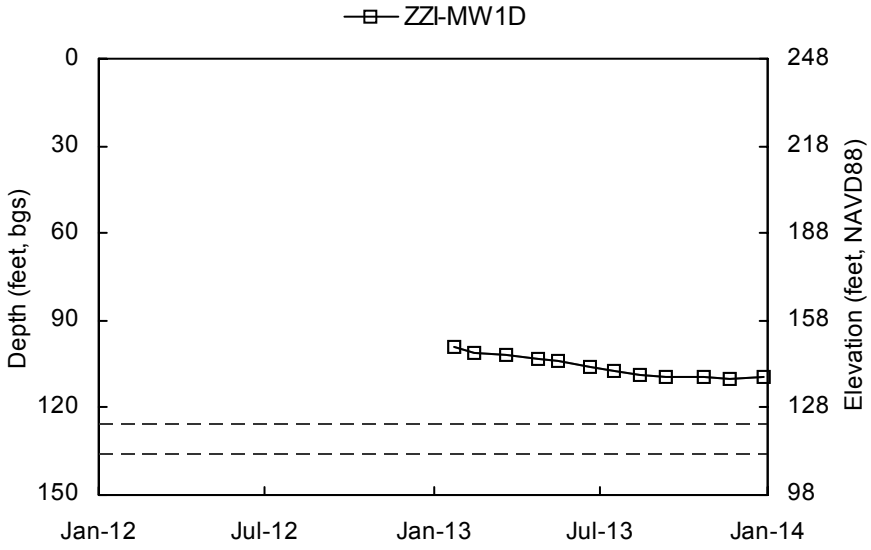

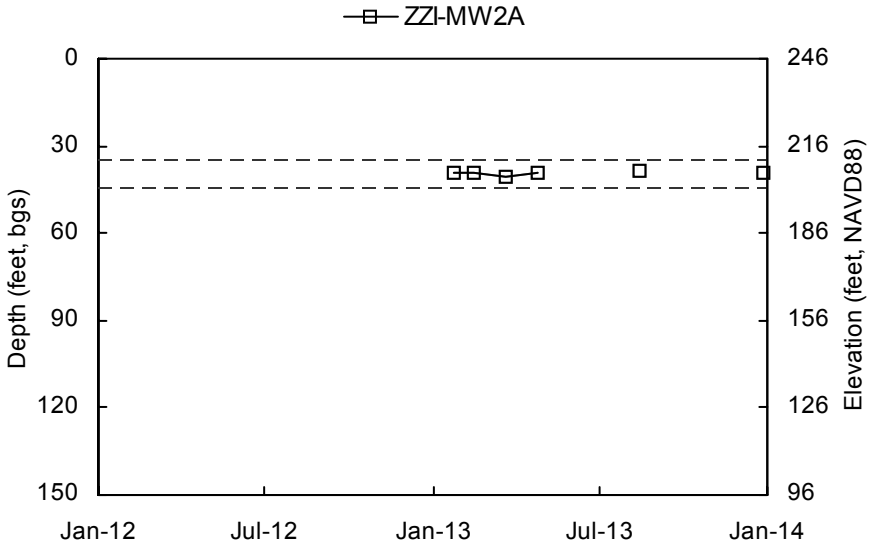

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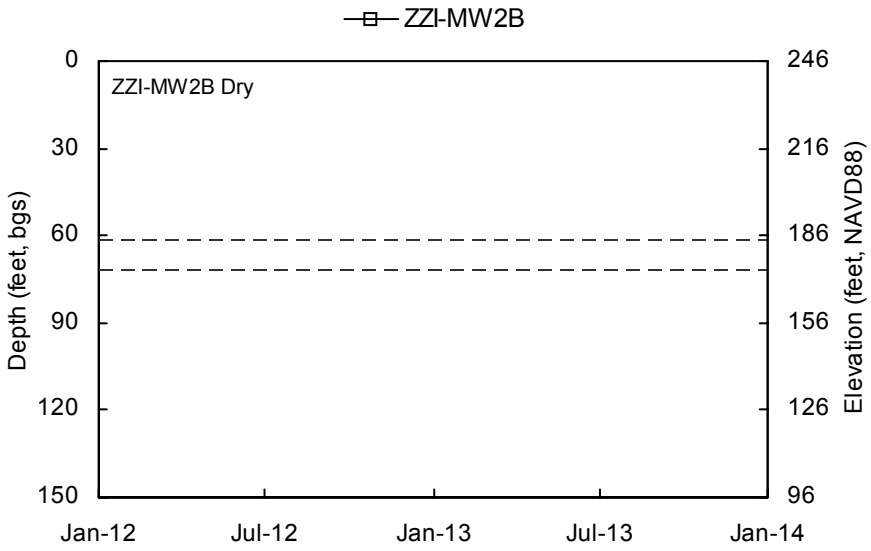

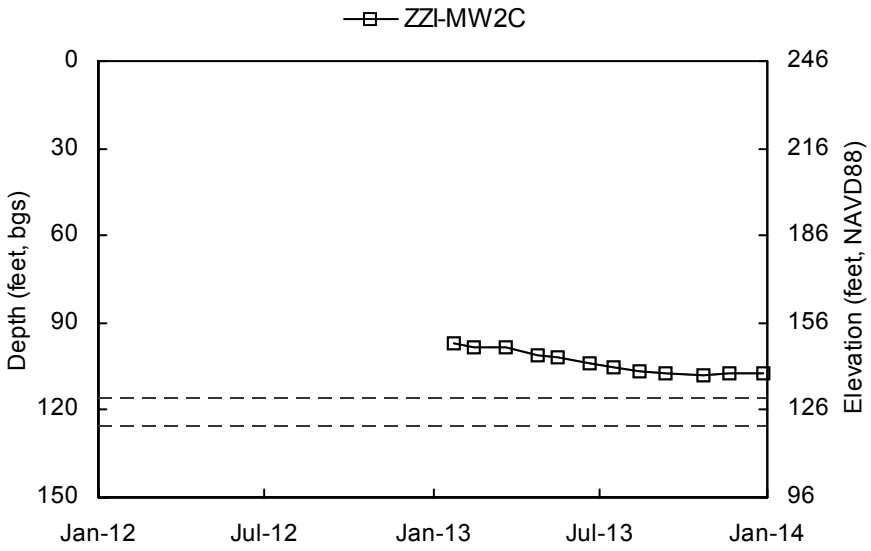

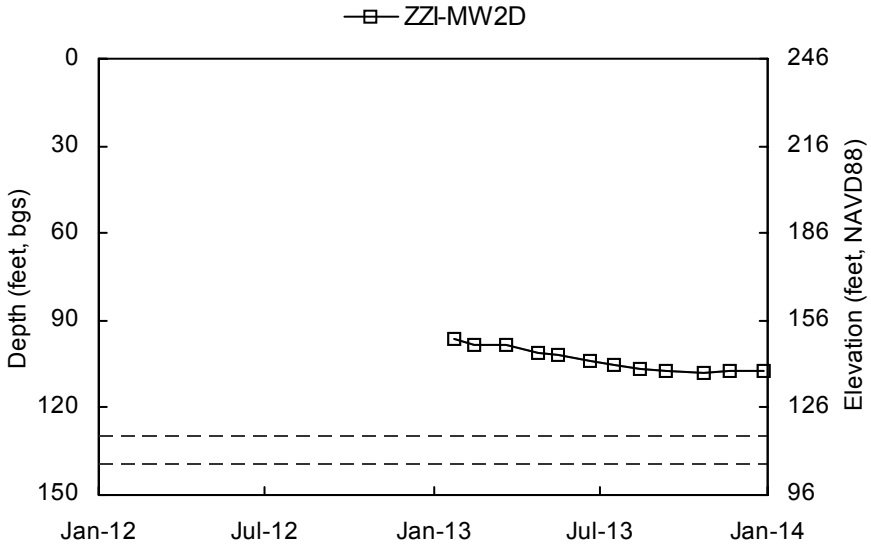

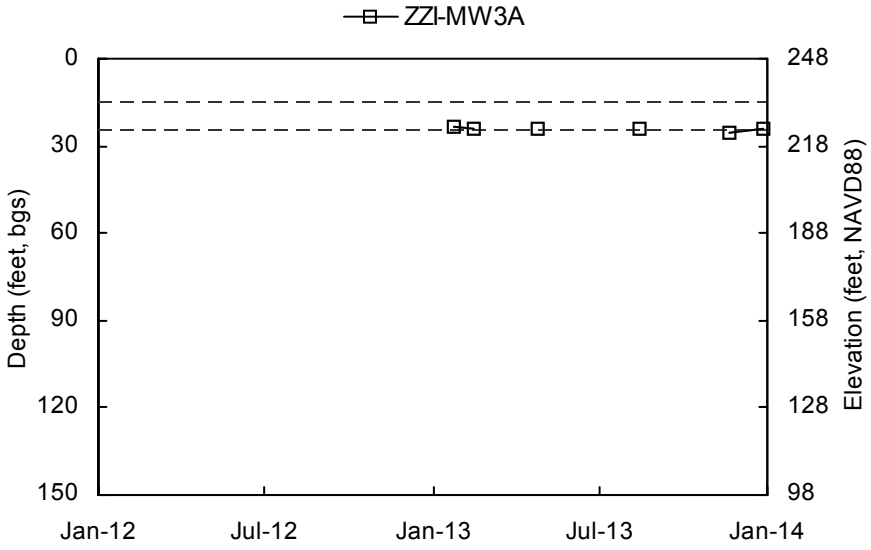

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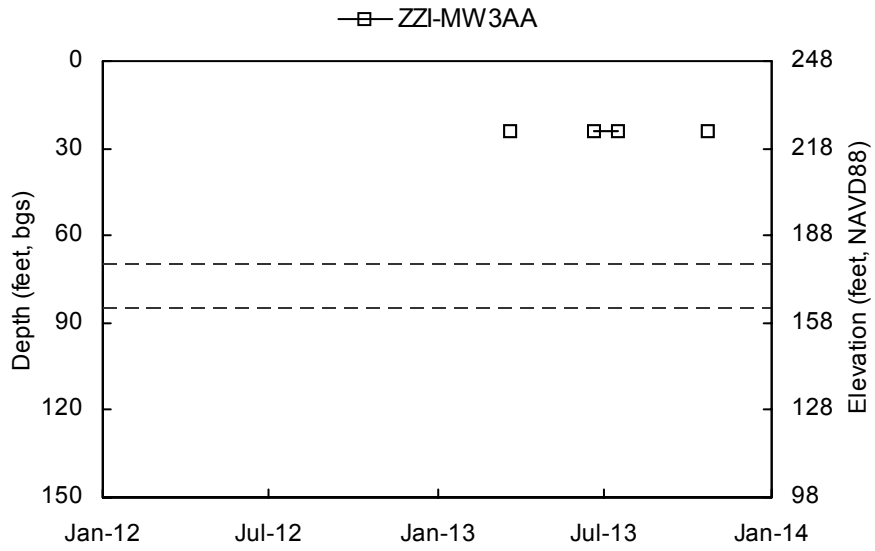

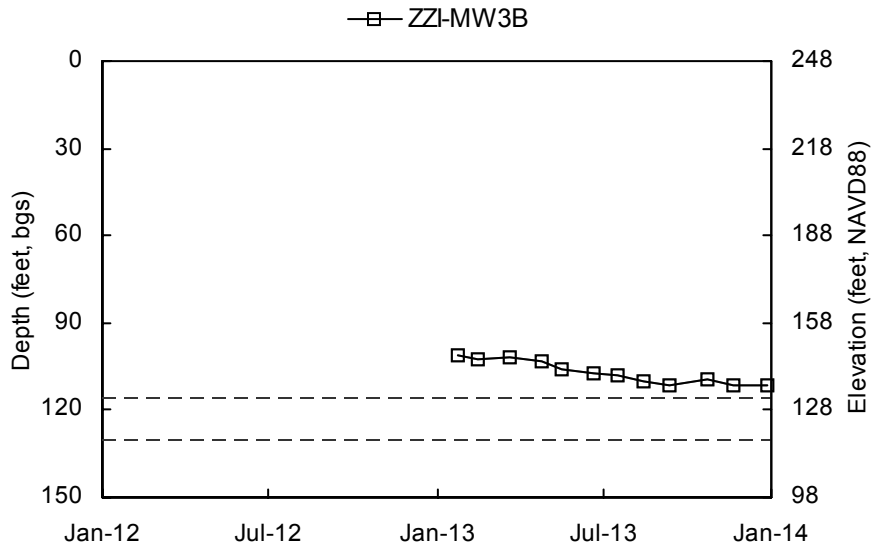

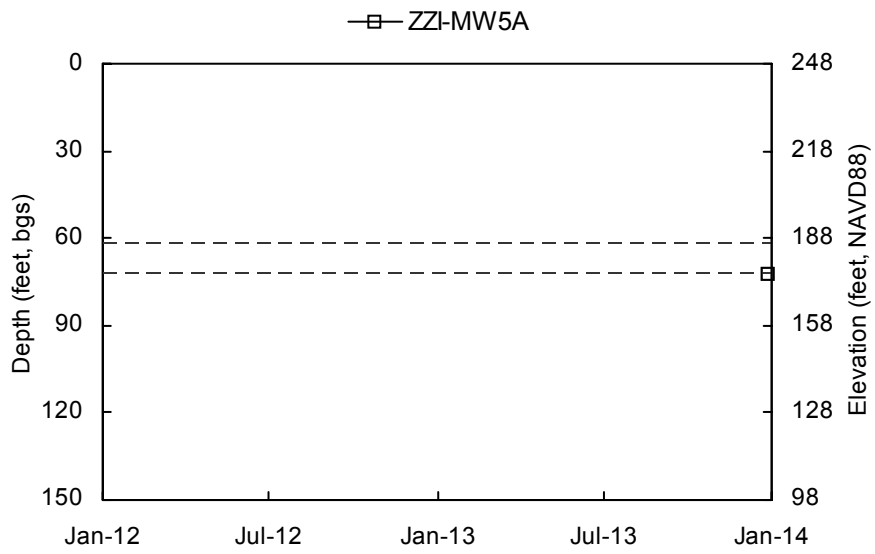

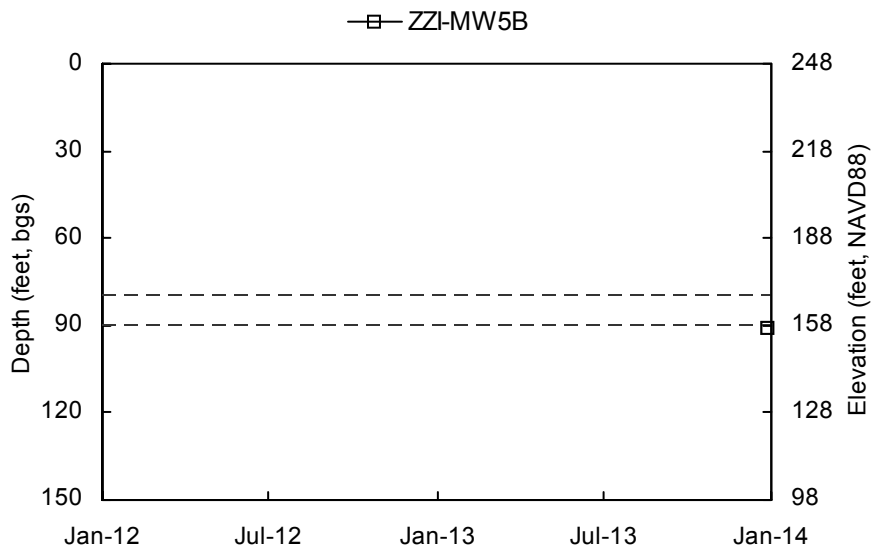

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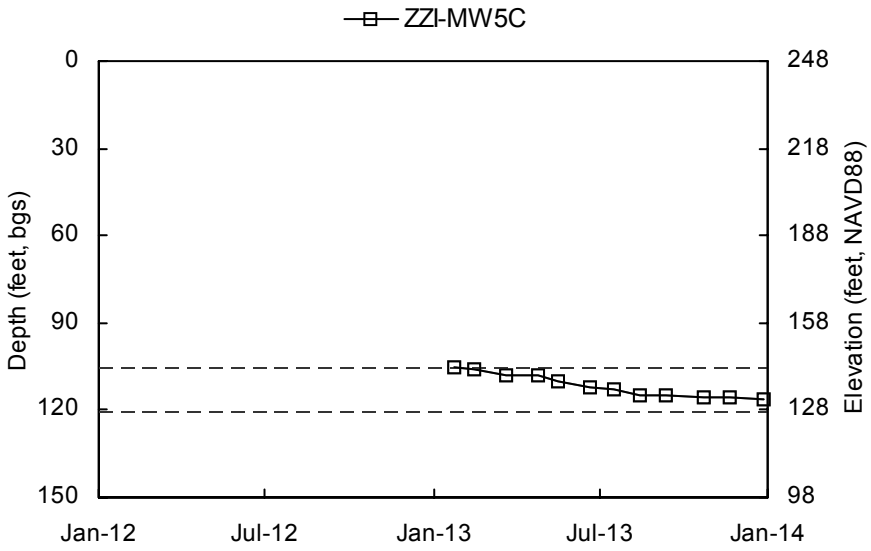

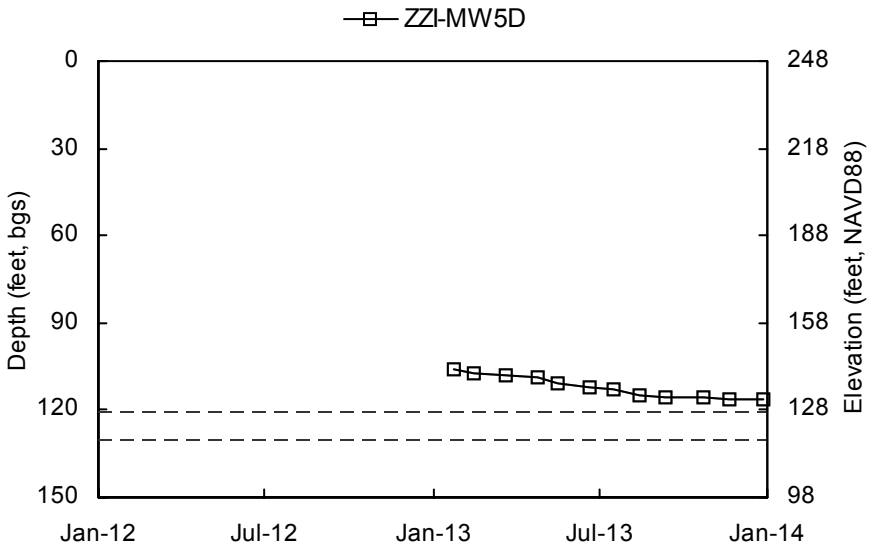

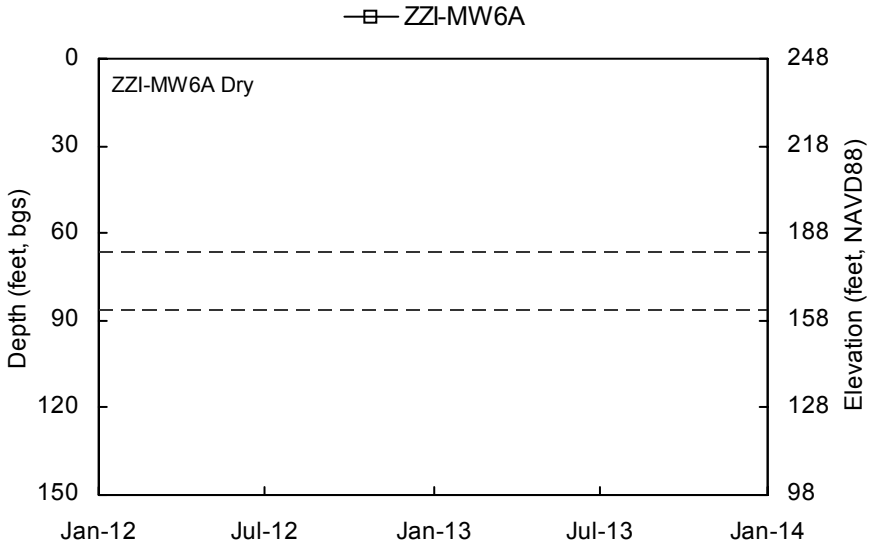

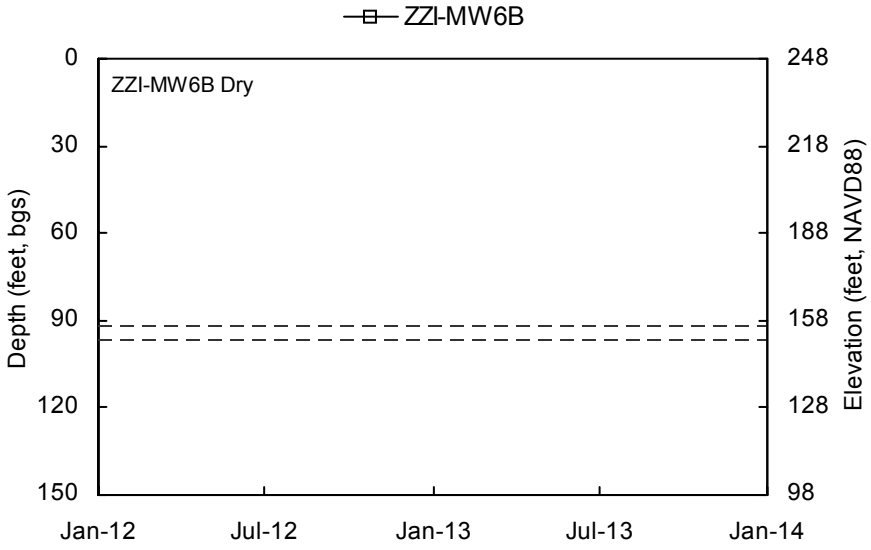

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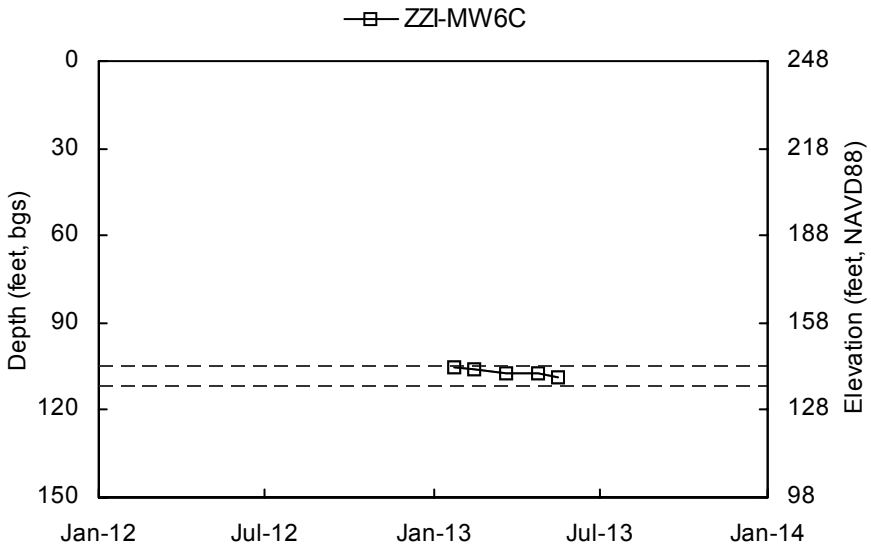

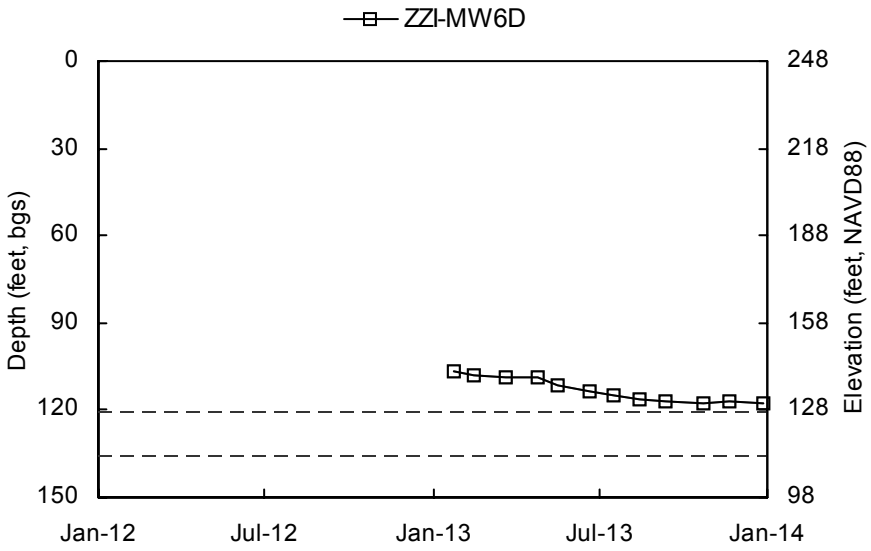

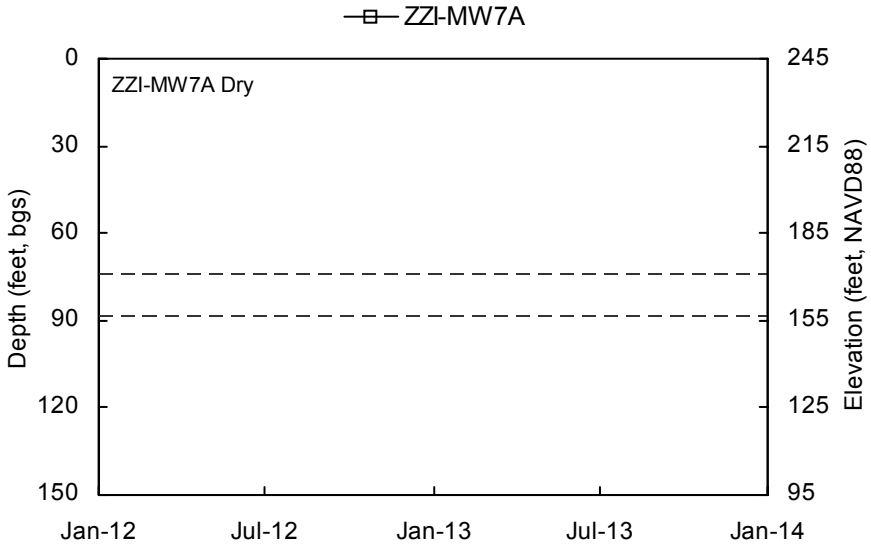

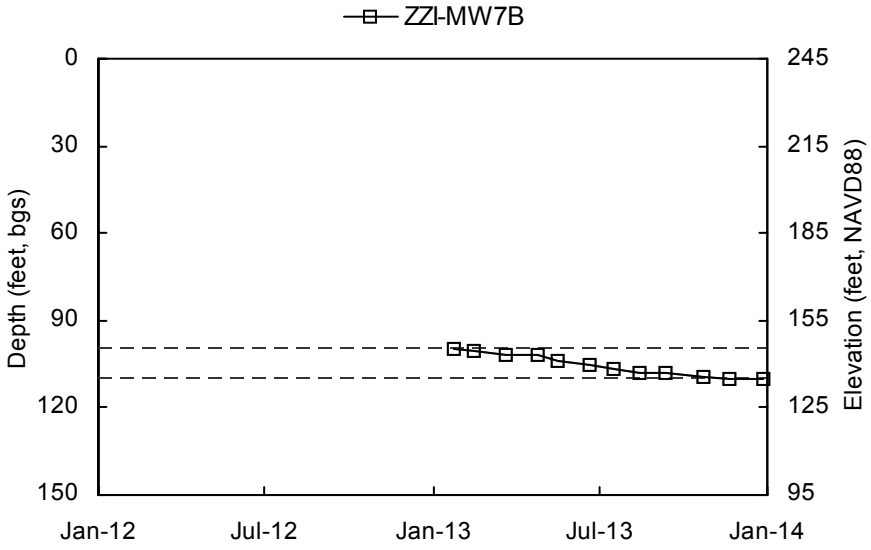

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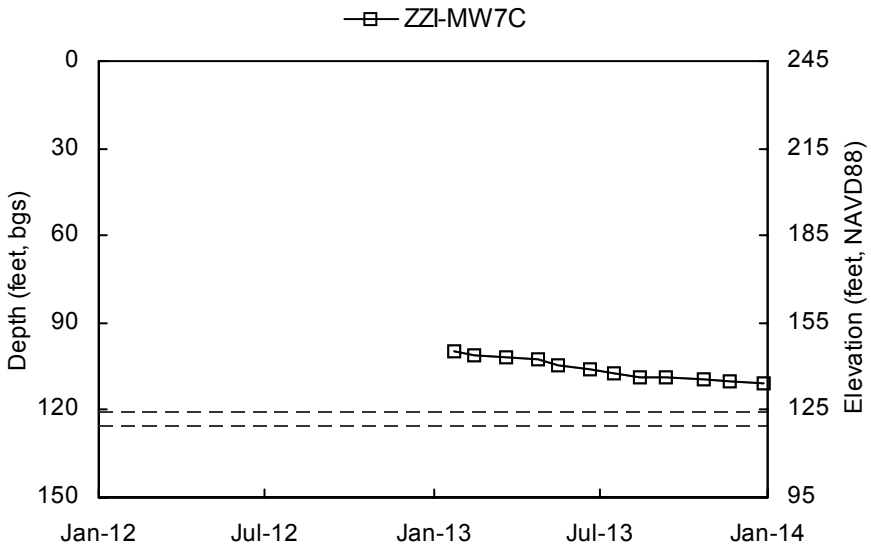

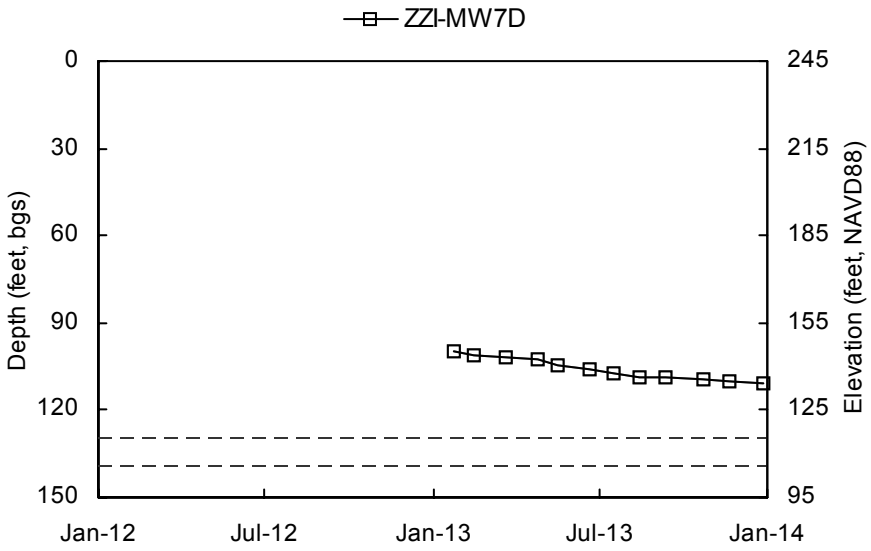

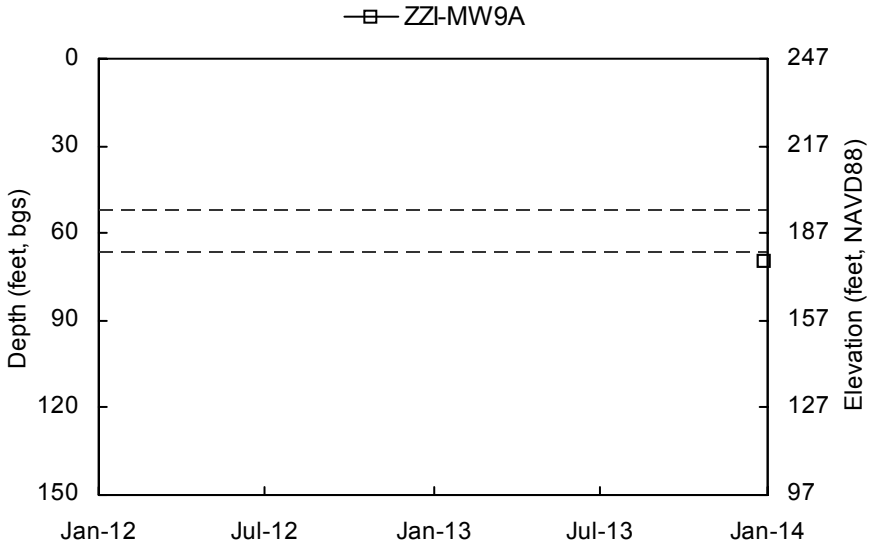

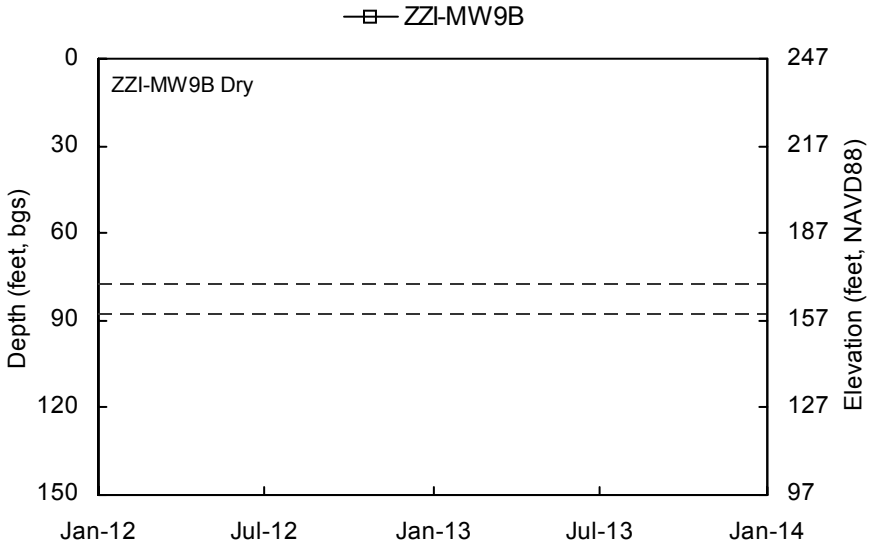

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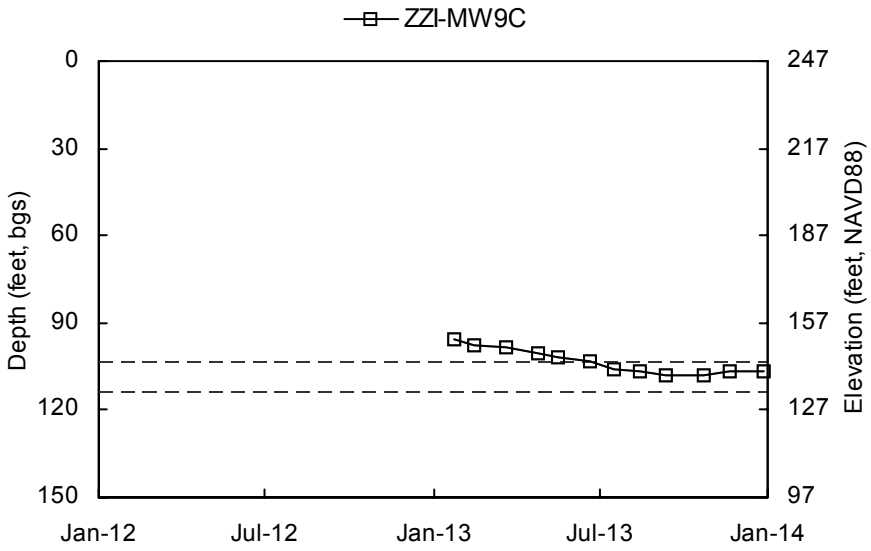

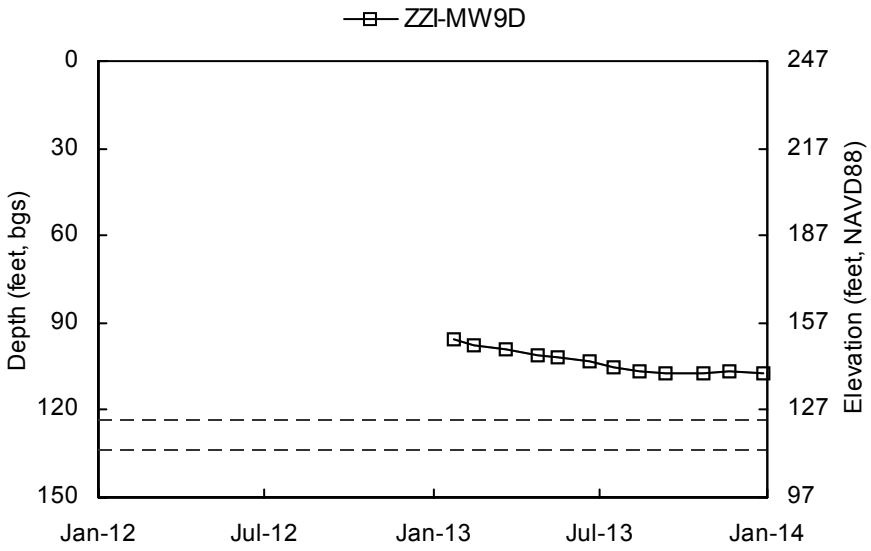

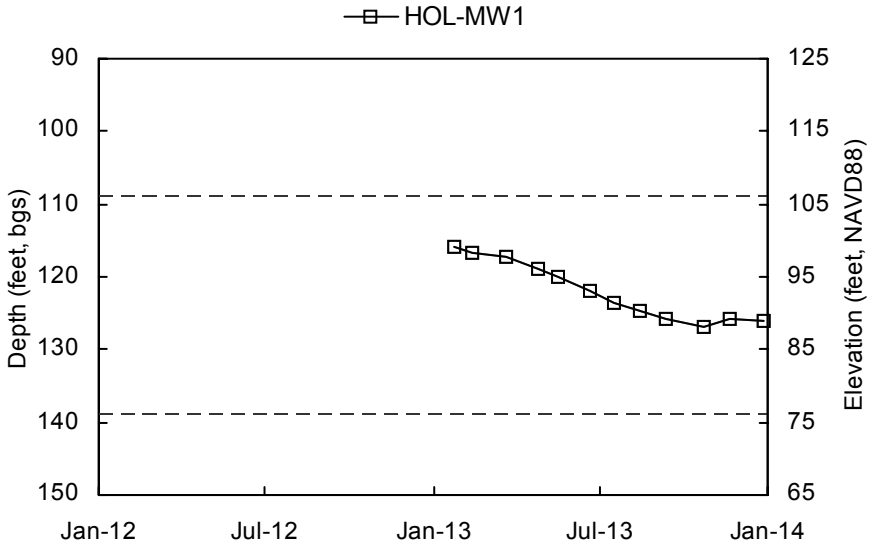

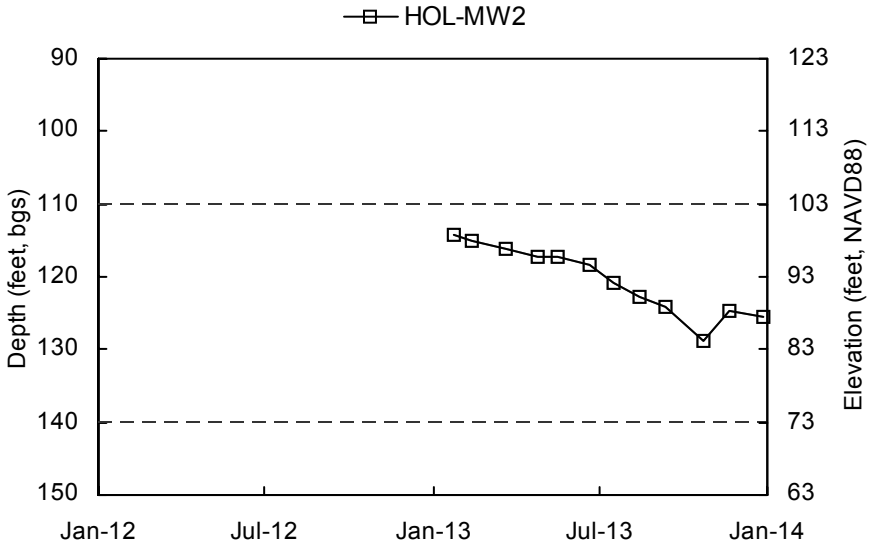

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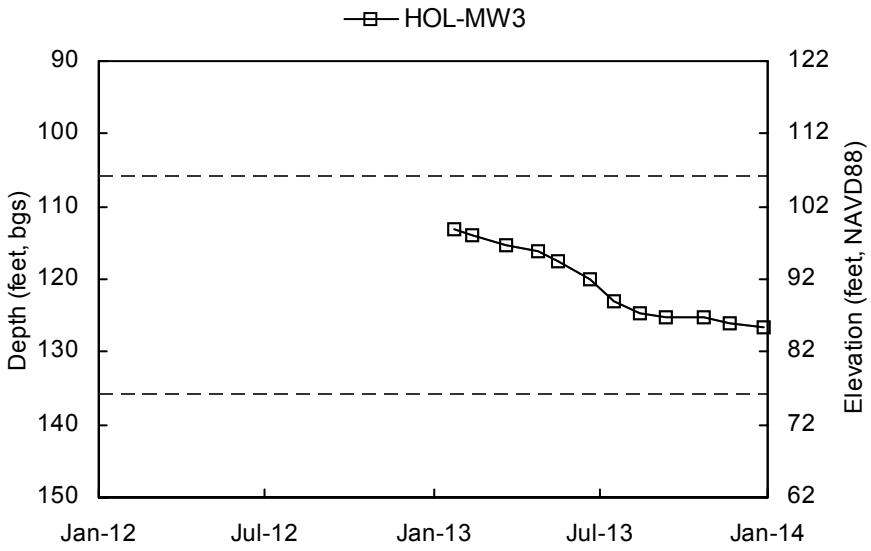

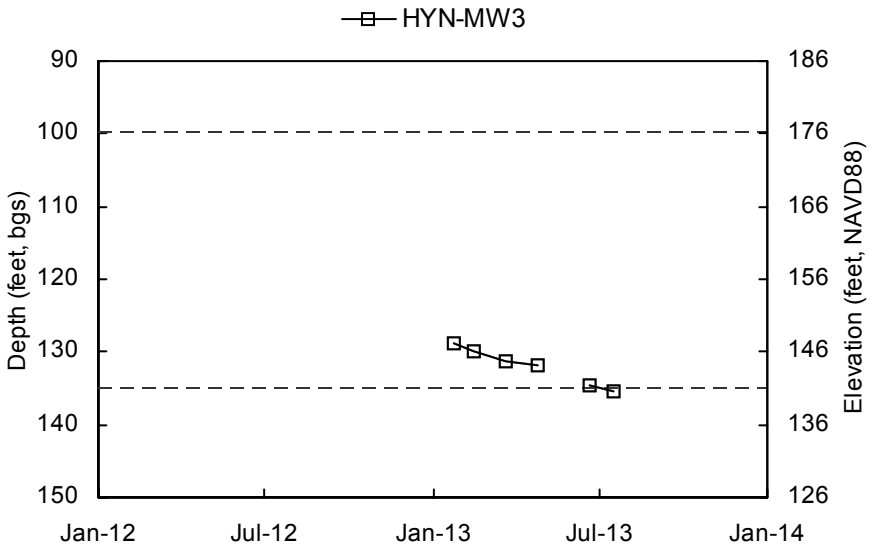

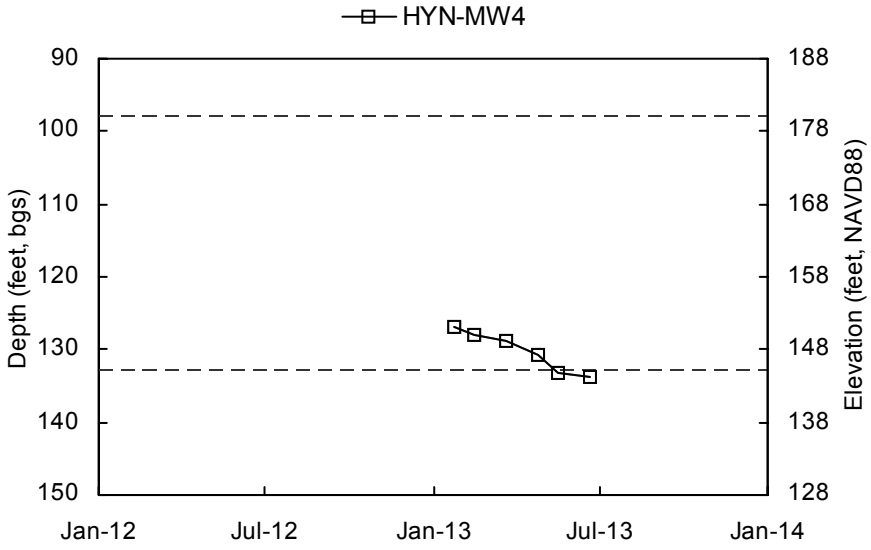

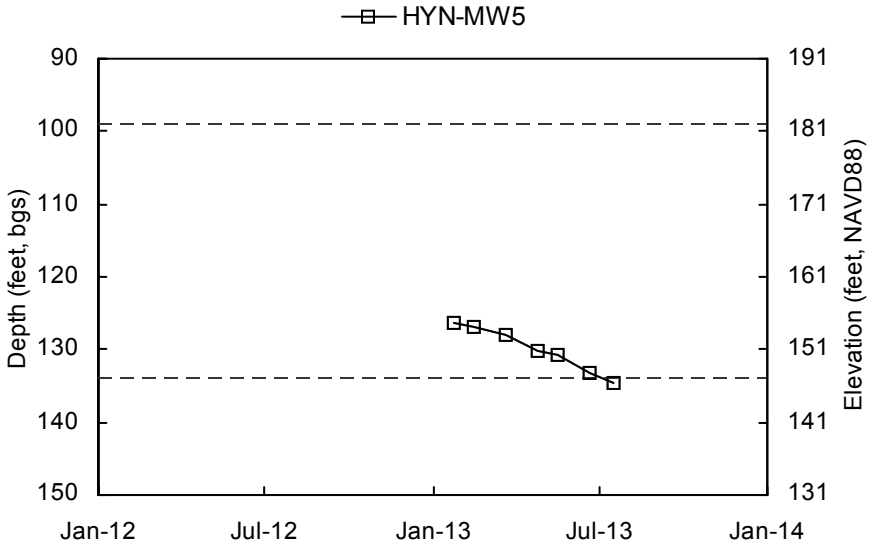

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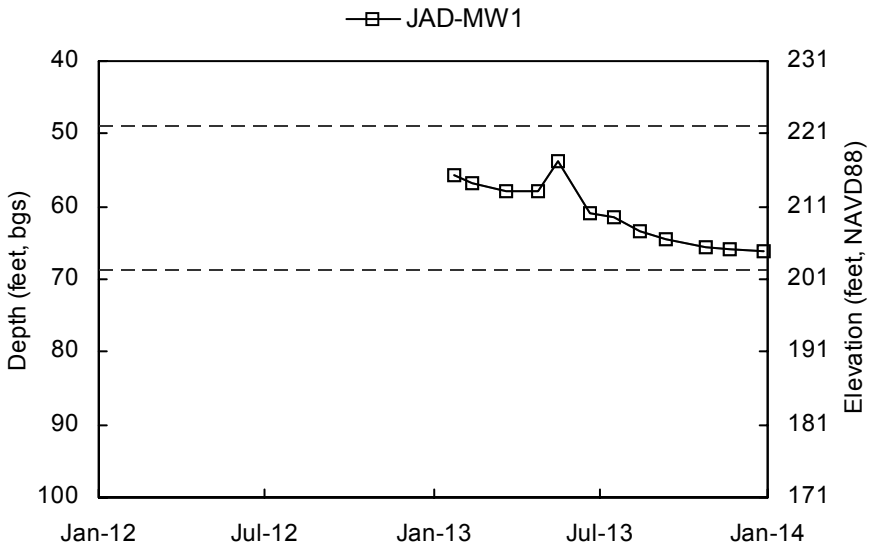

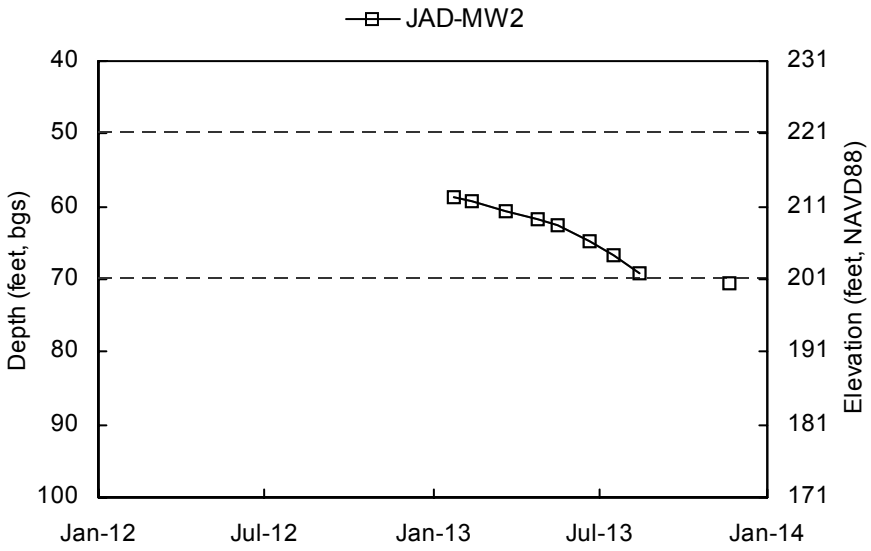

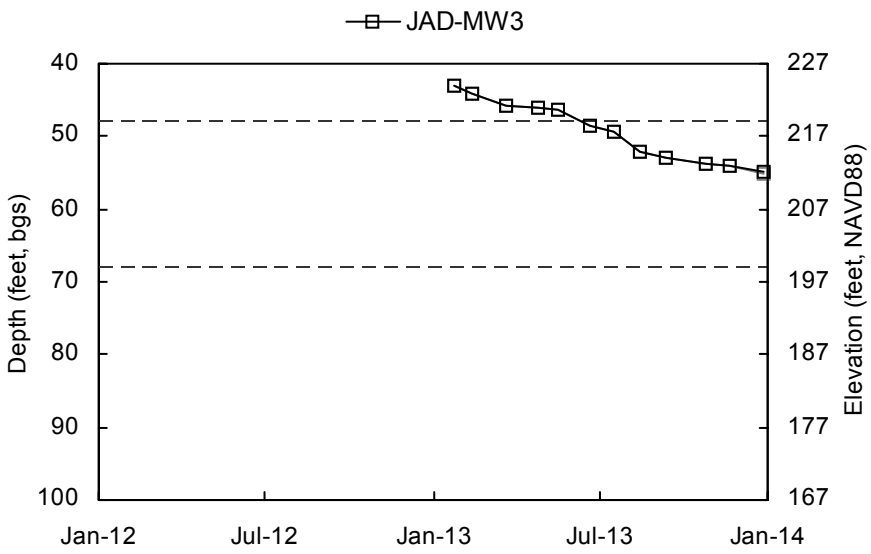

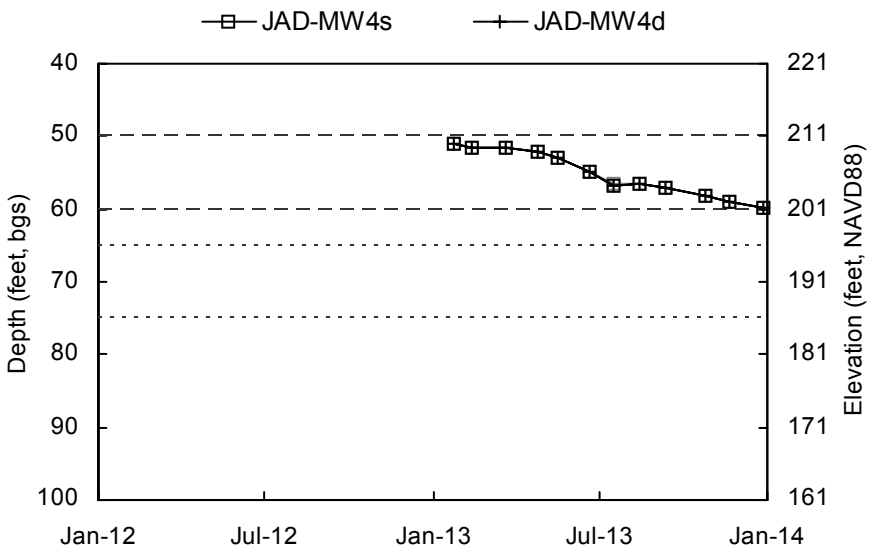

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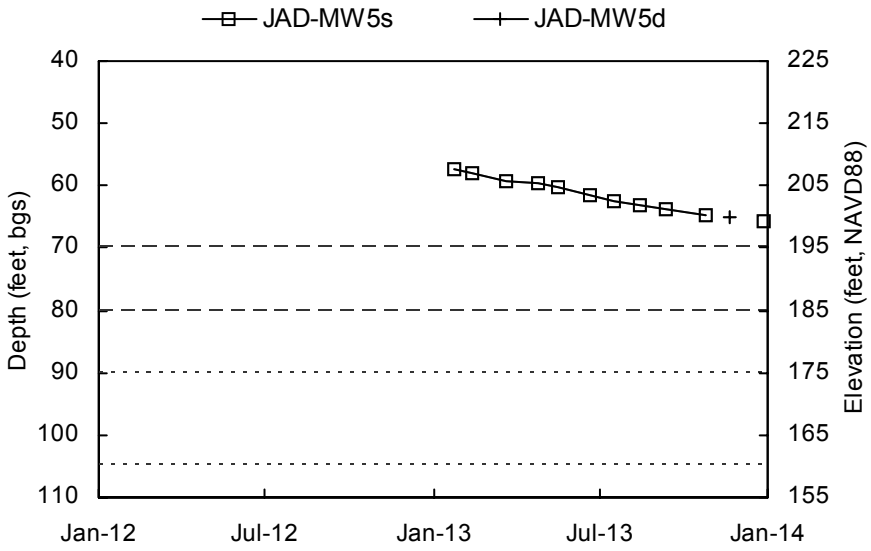

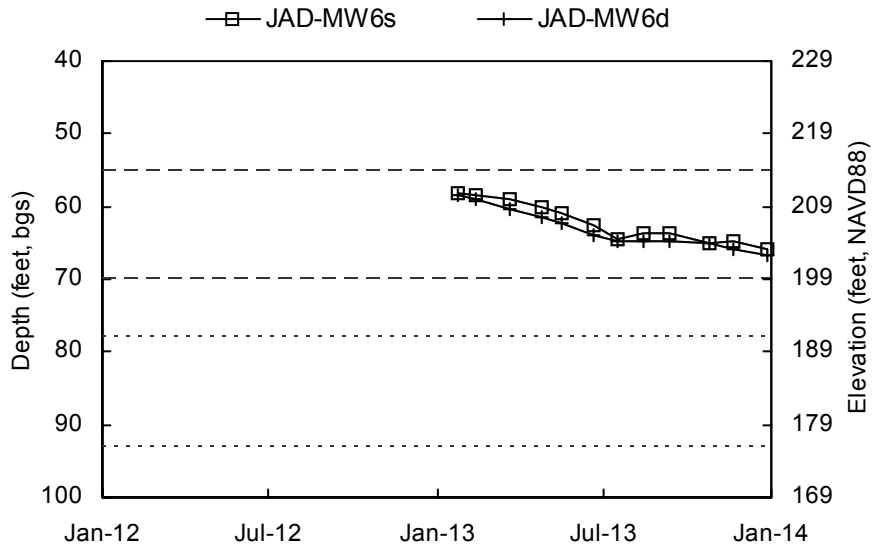

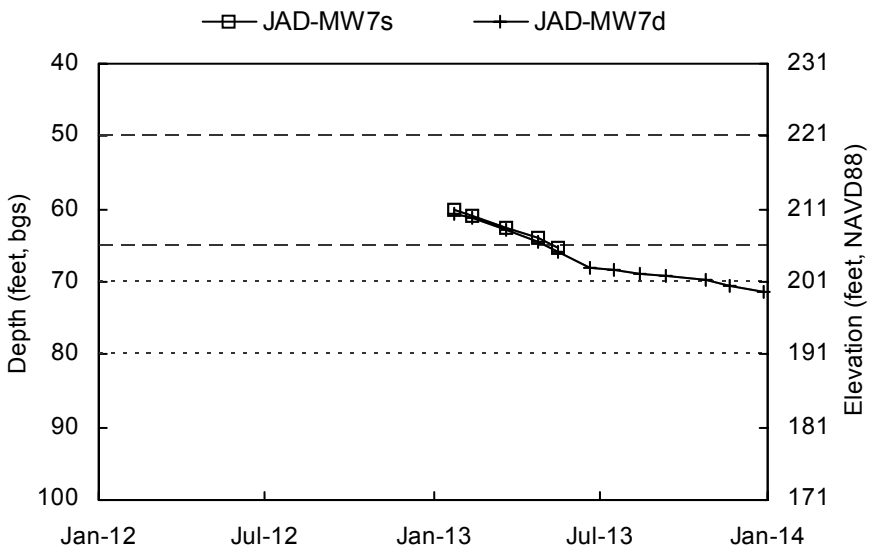

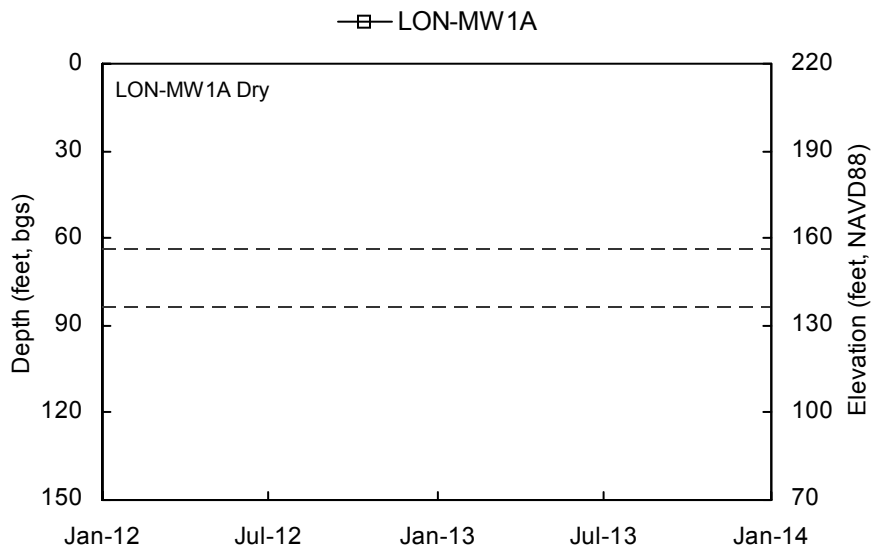

Shallow Well Screened Interval Deep Well Screened Interval

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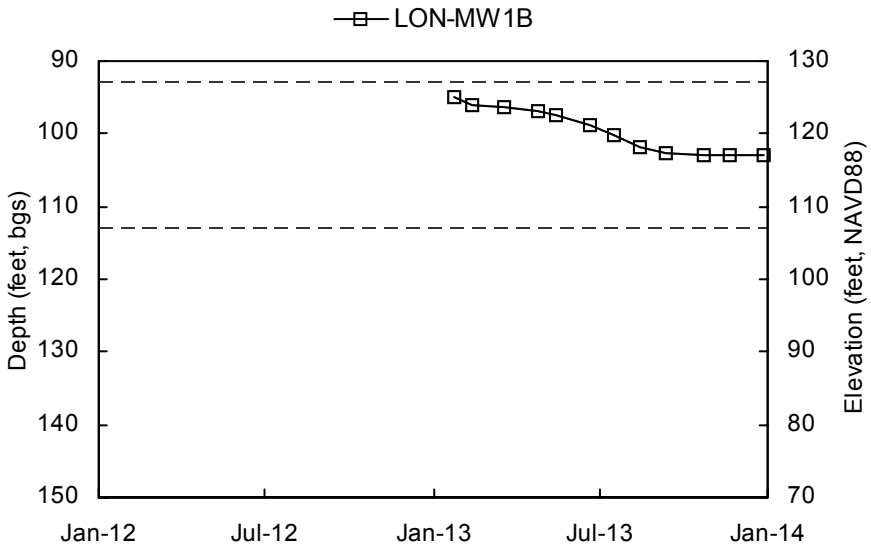

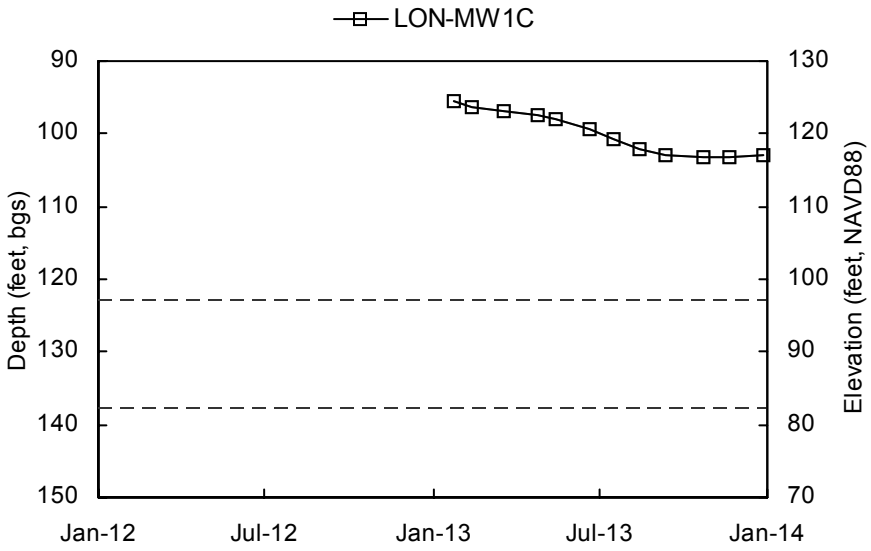

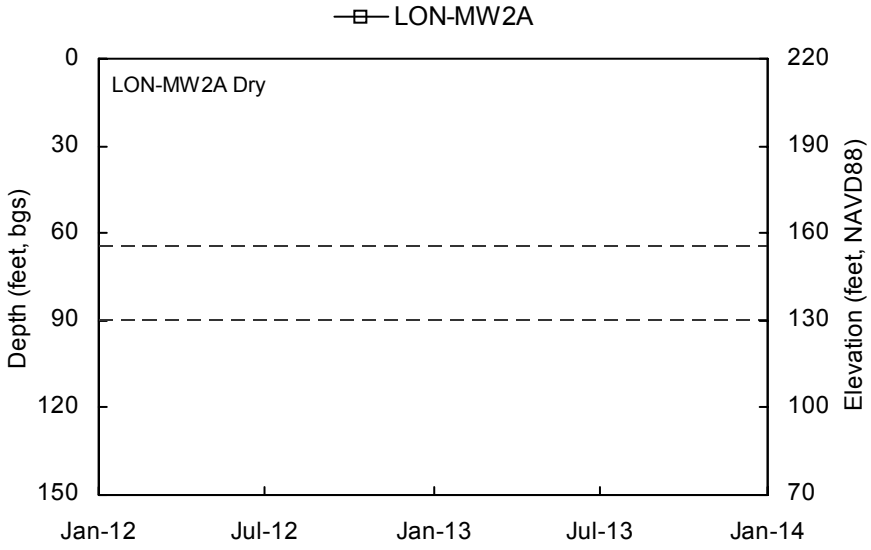

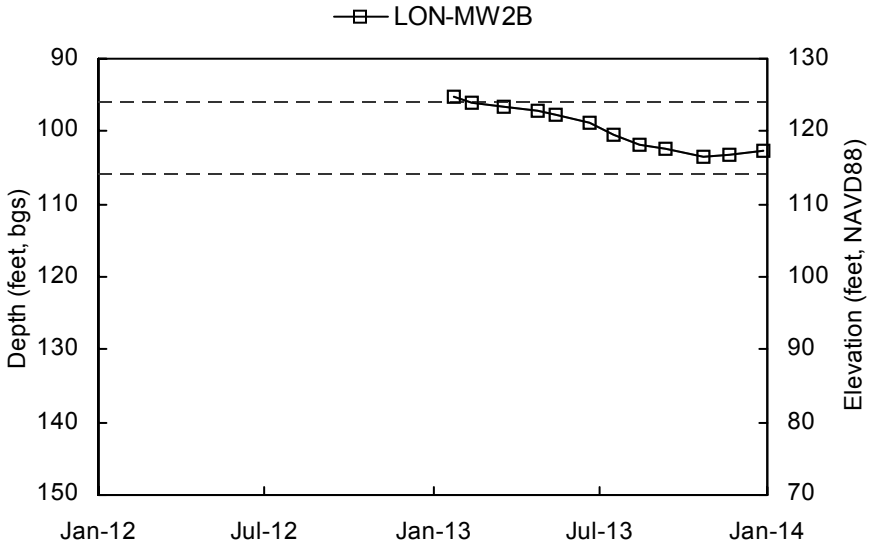

Shallow Well Screened Interval Deep Well Screened Interval

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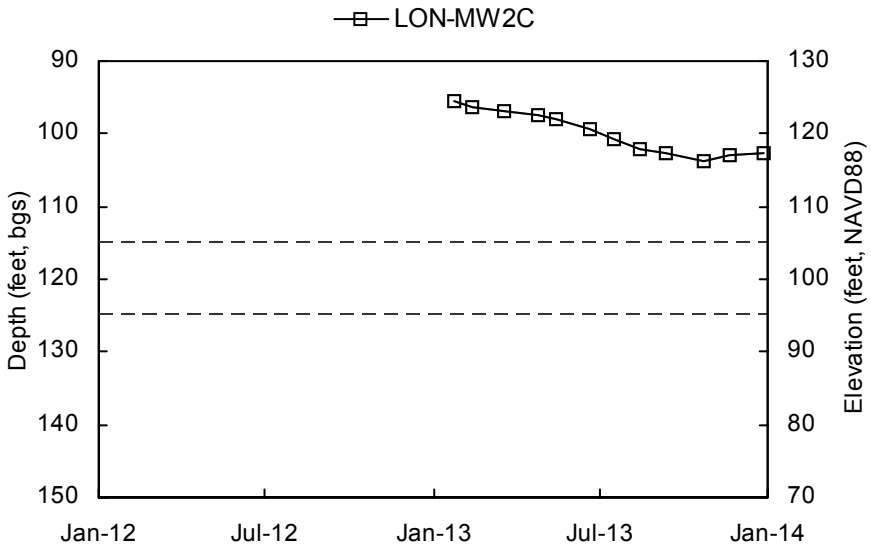

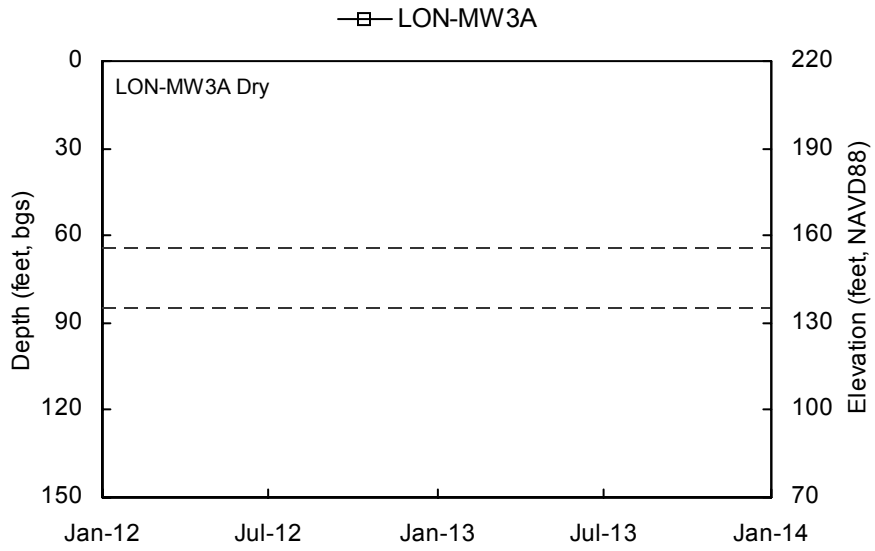

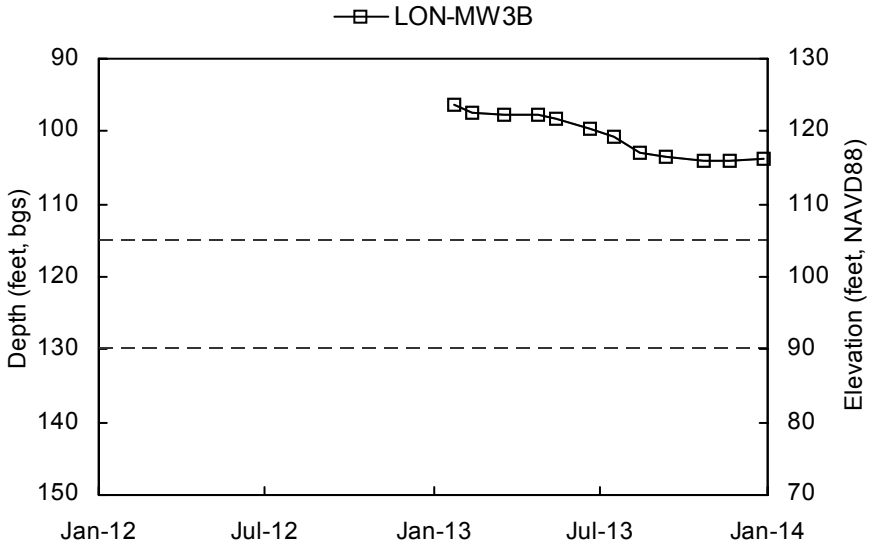

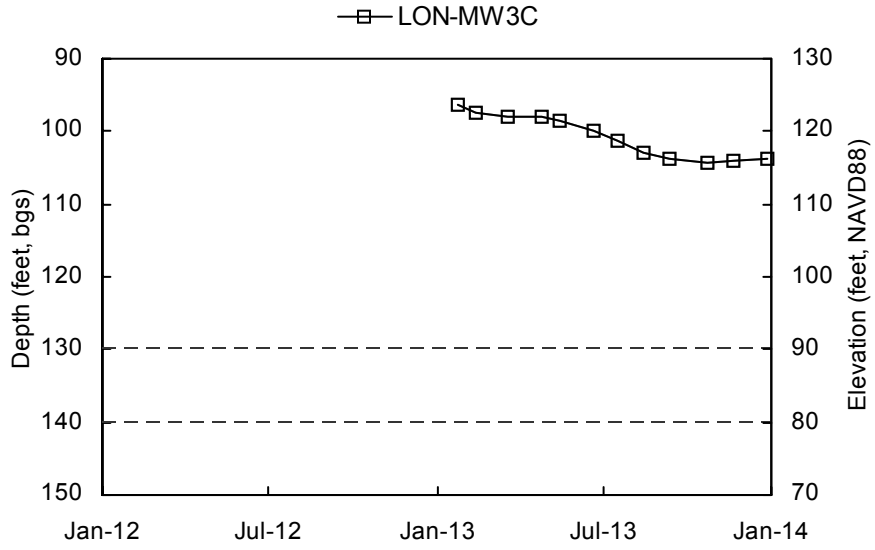

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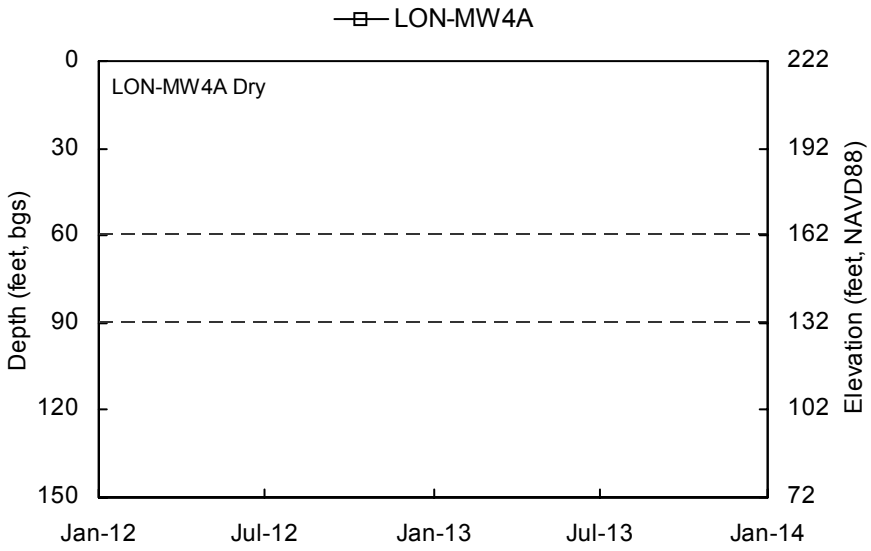

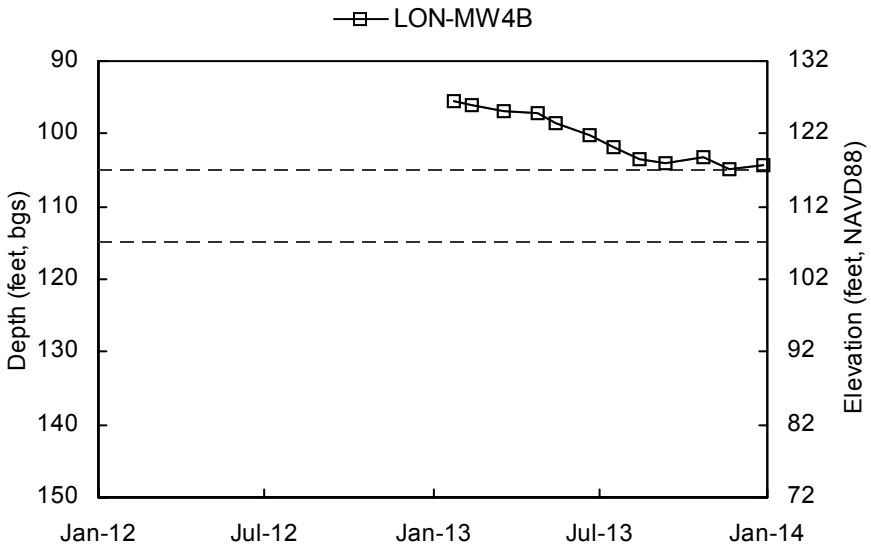

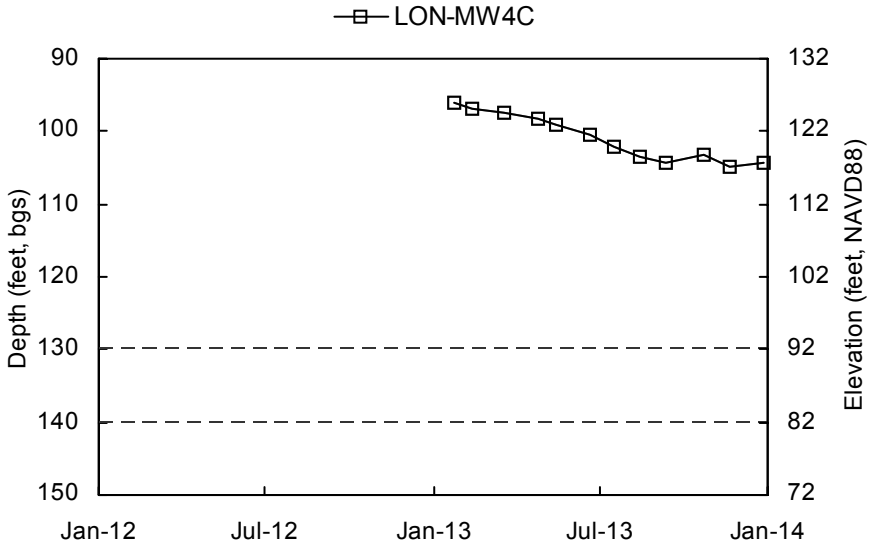

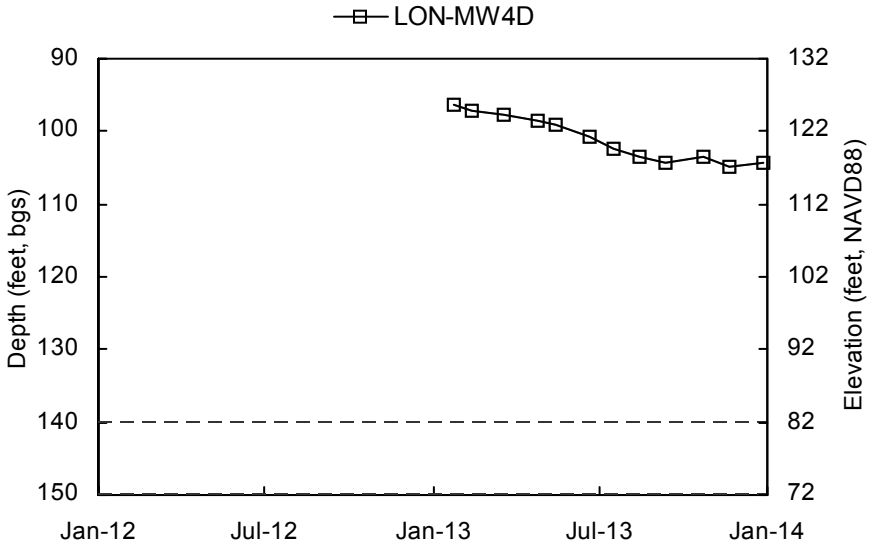

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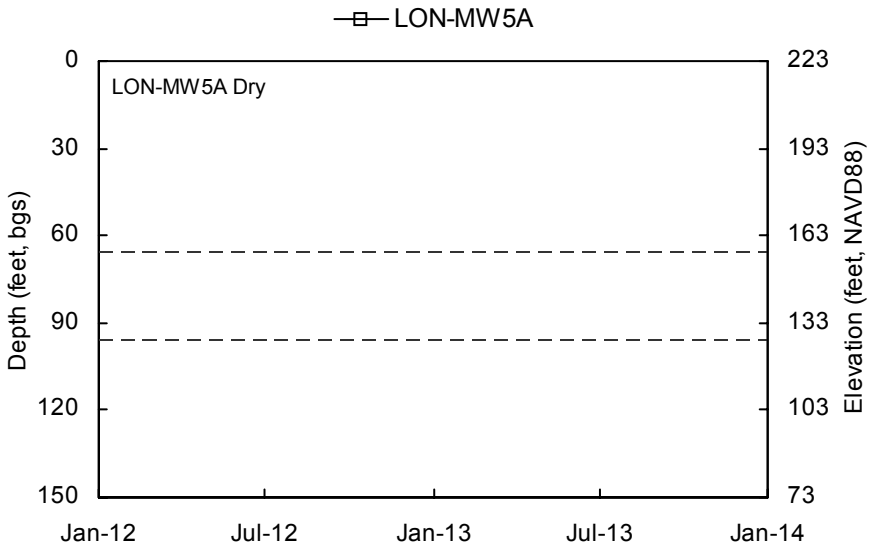

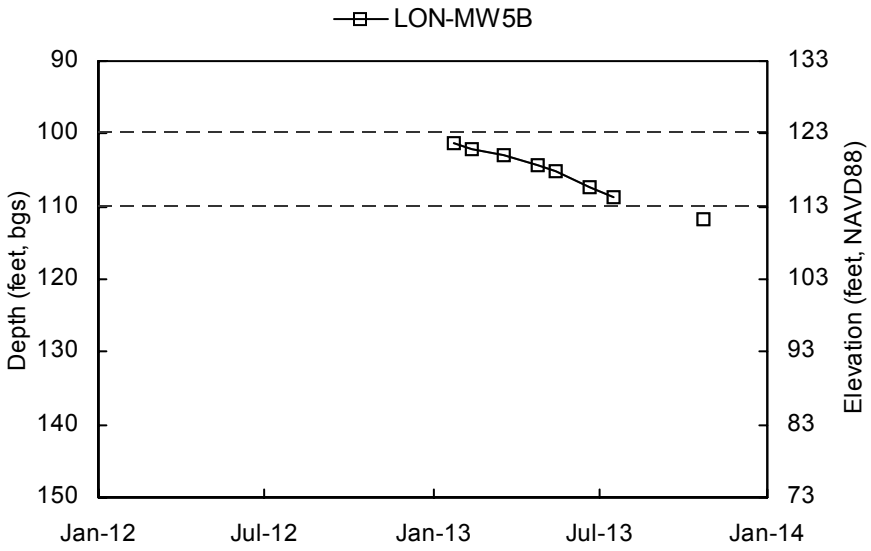

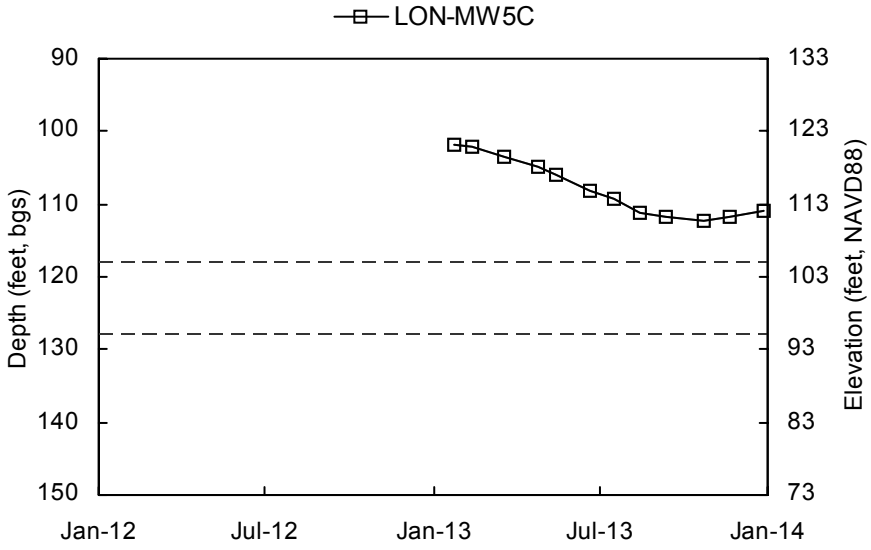

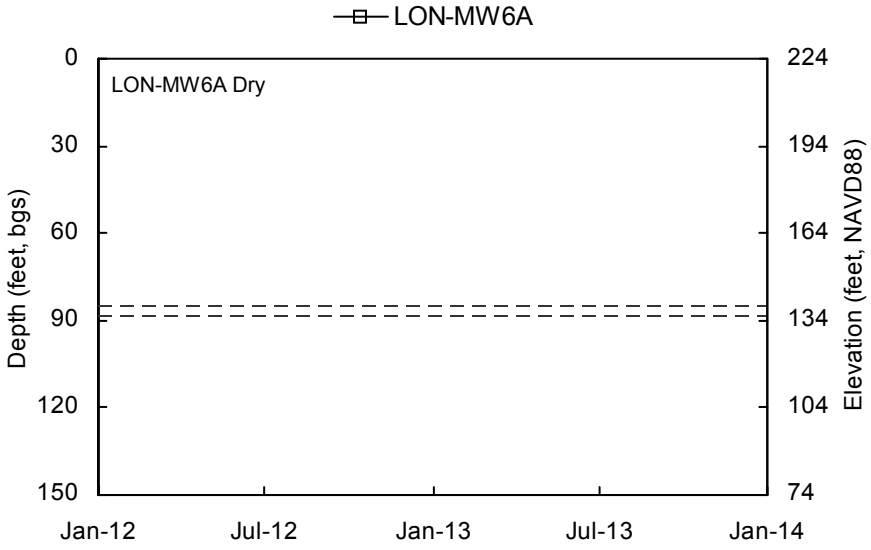

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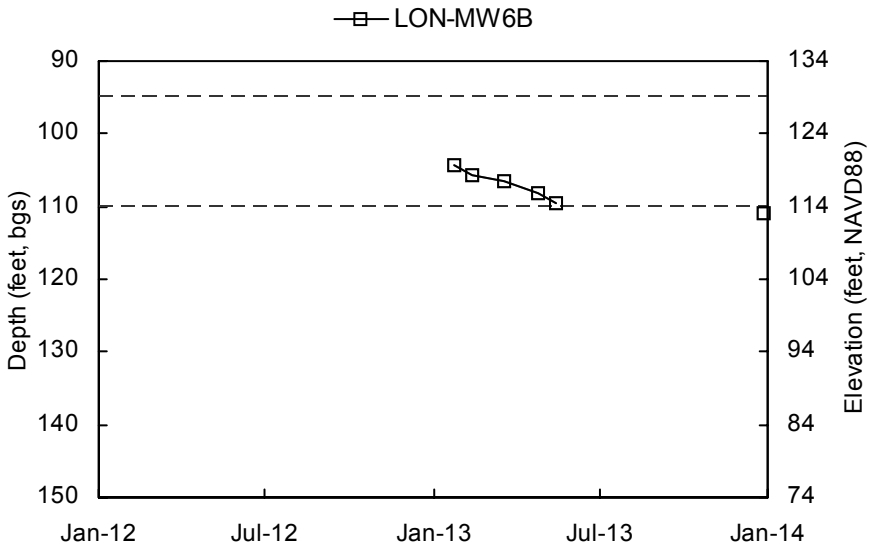

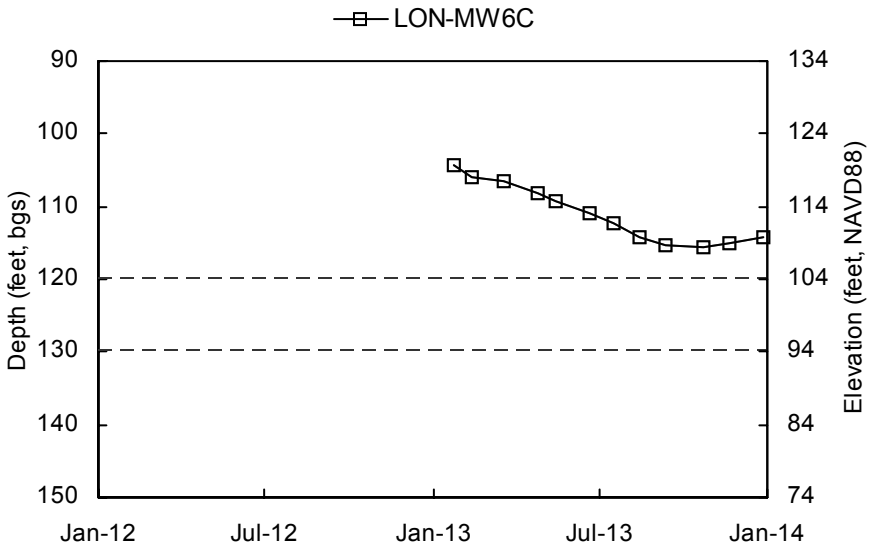

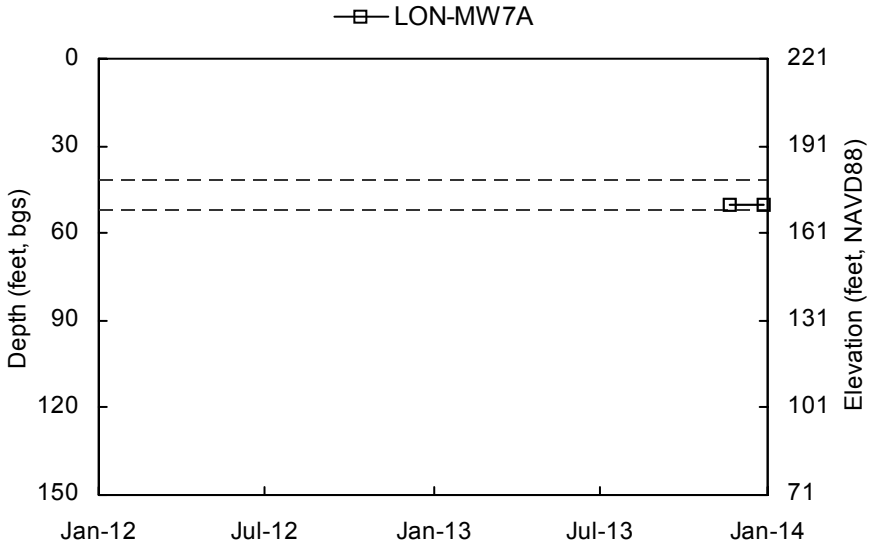

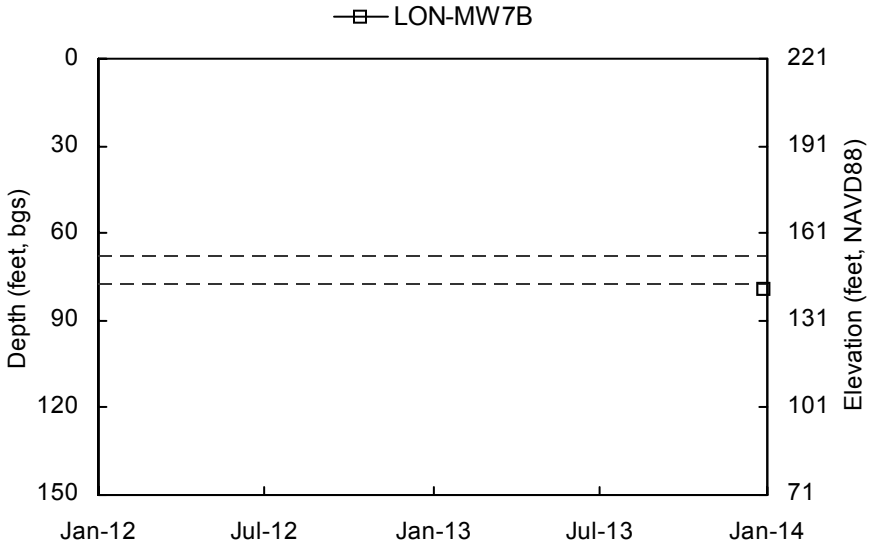

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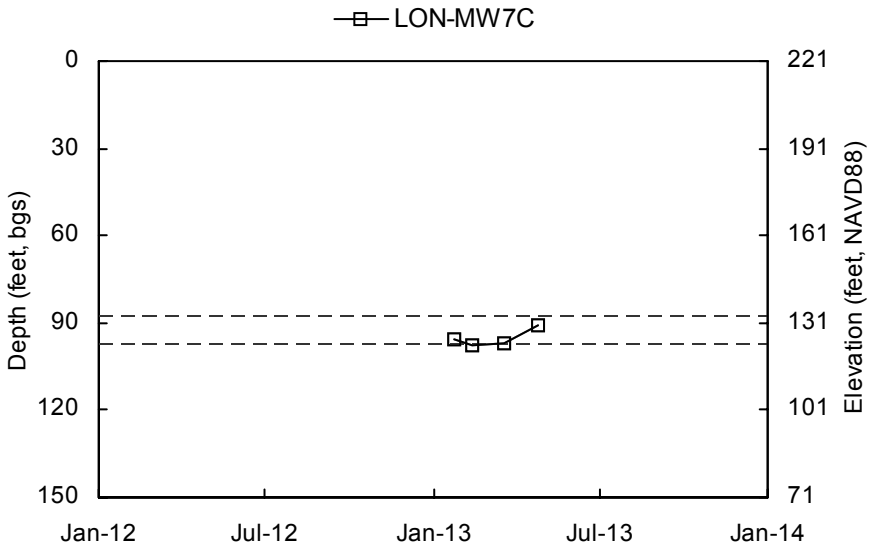

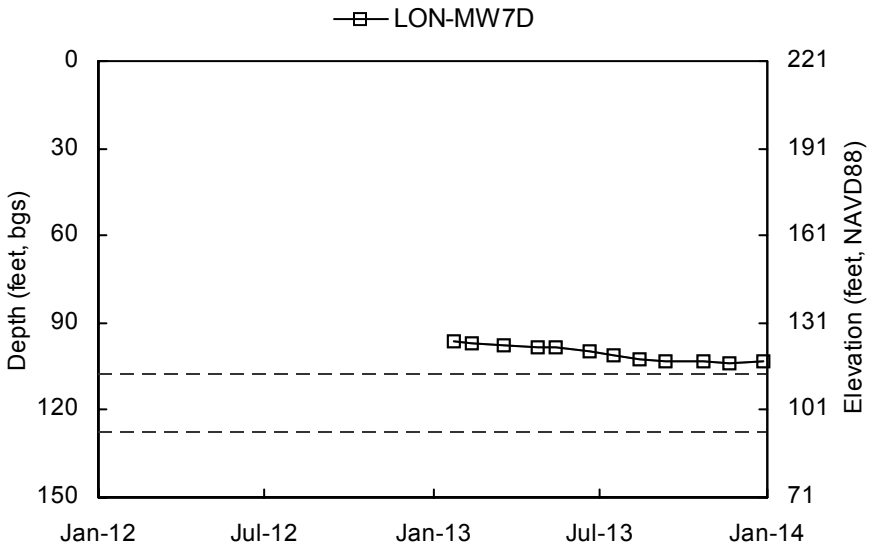

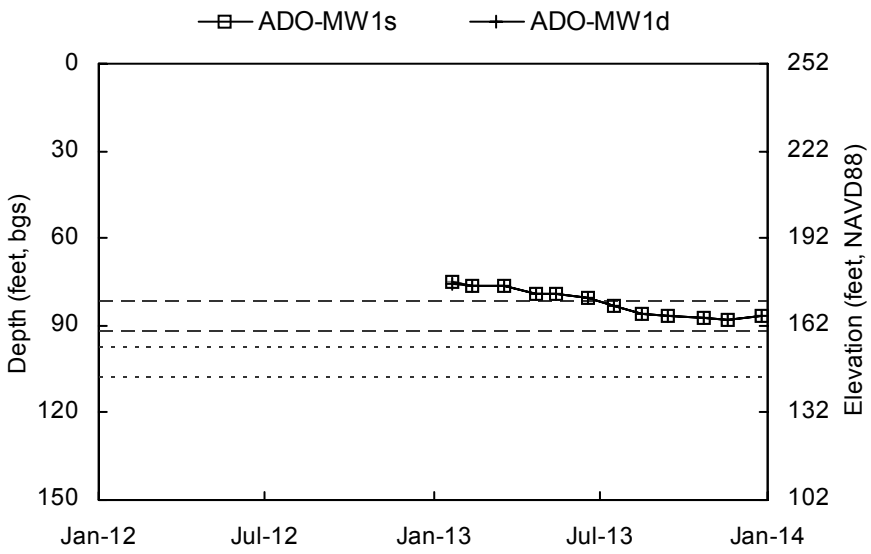

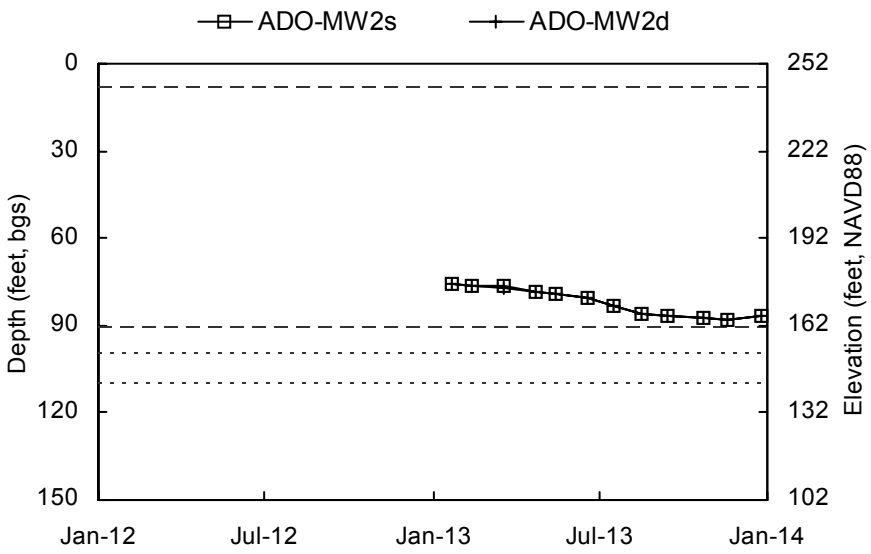

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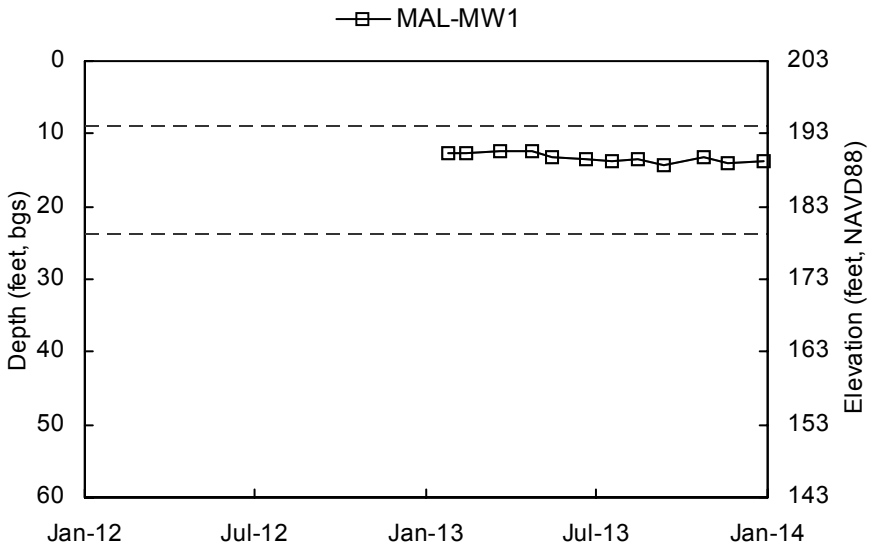

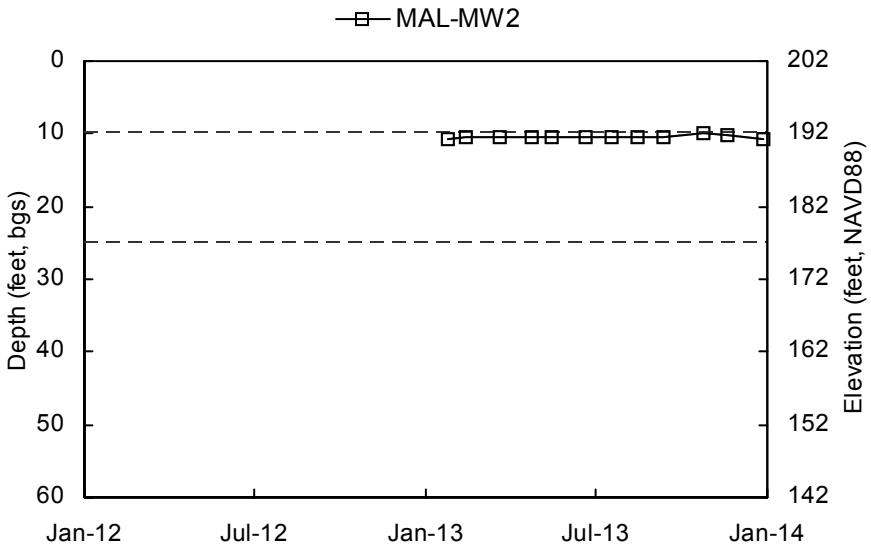

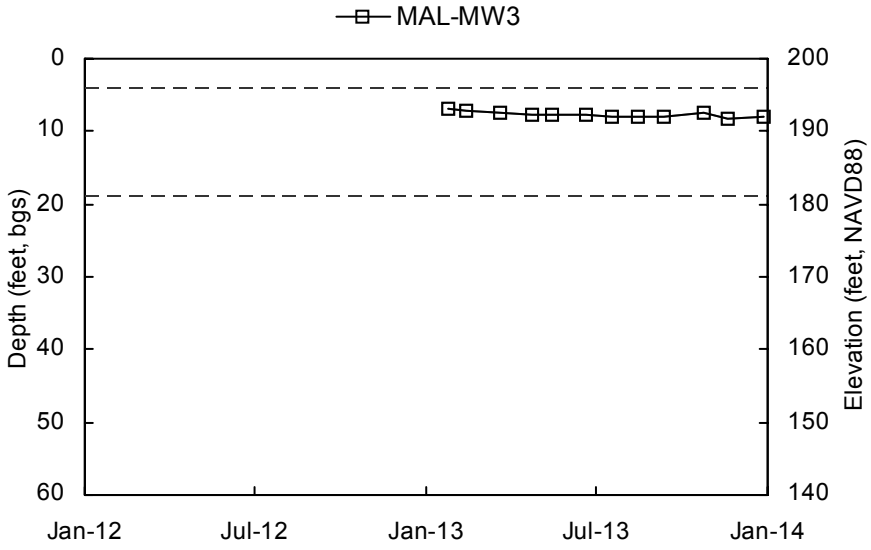

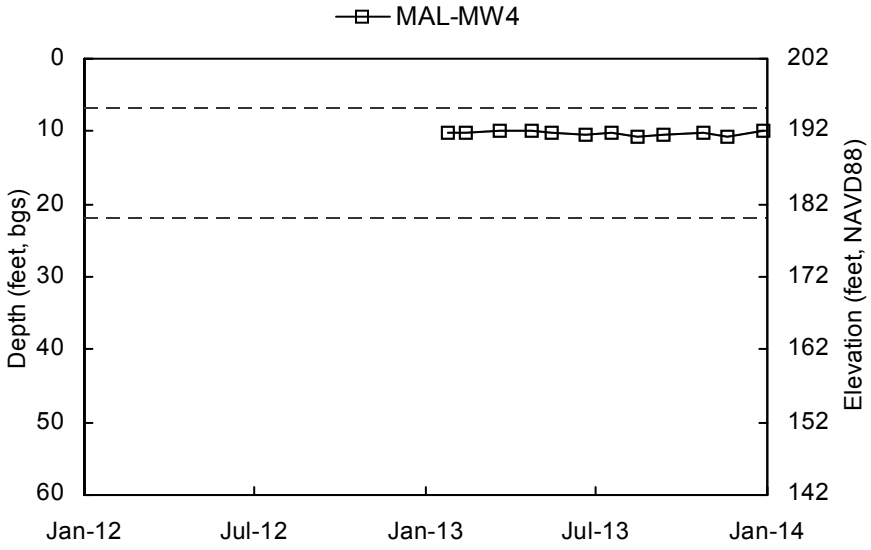

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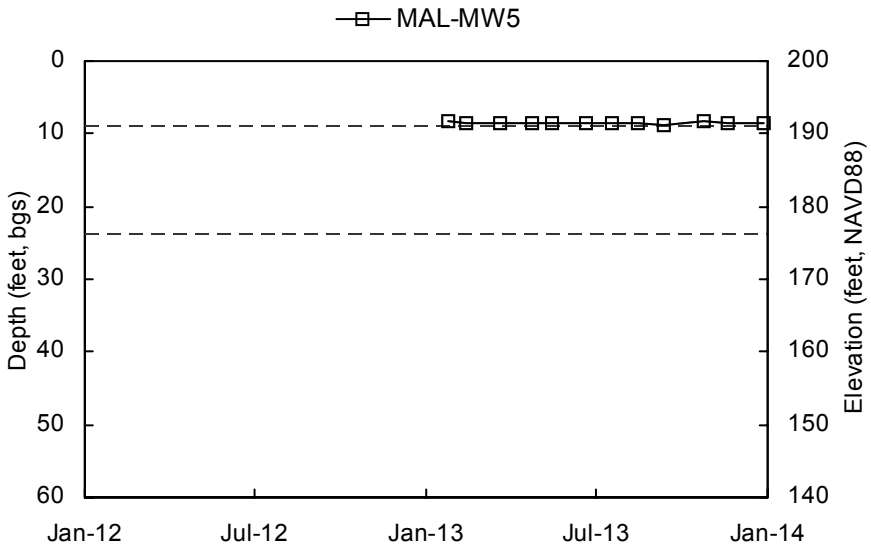

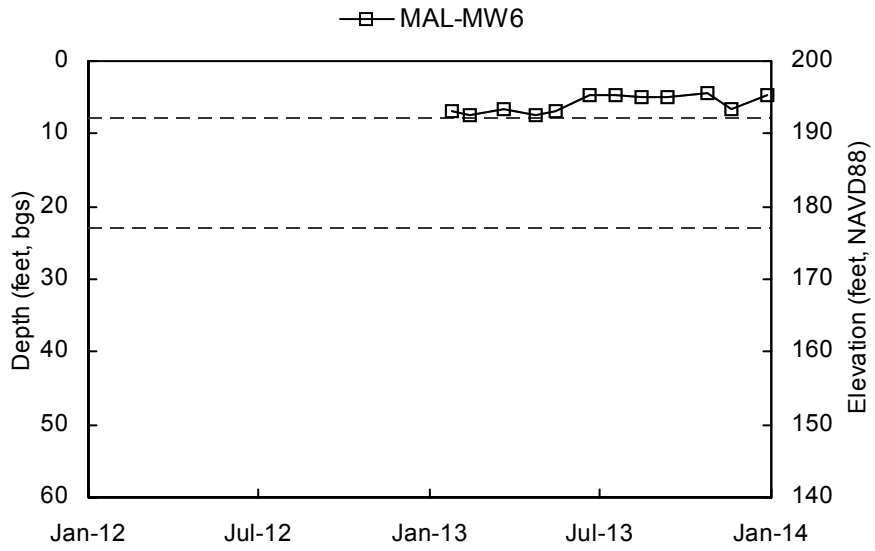

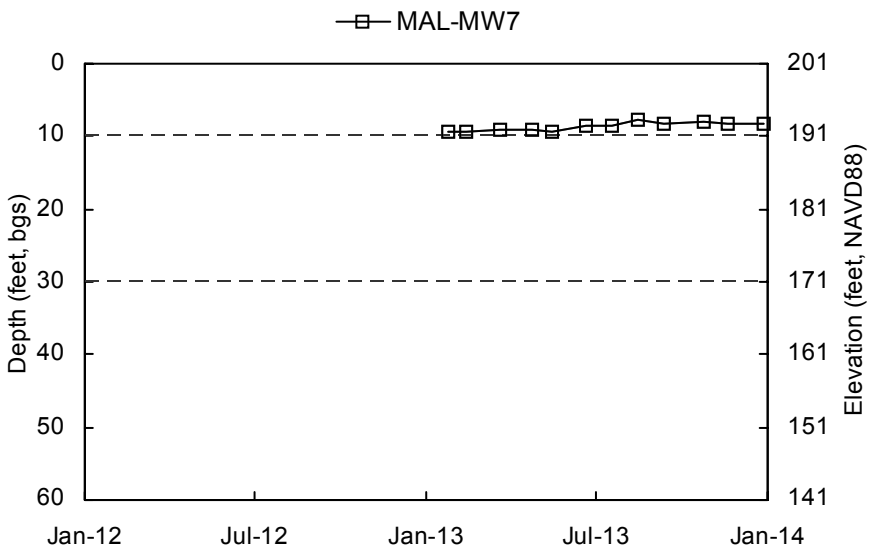

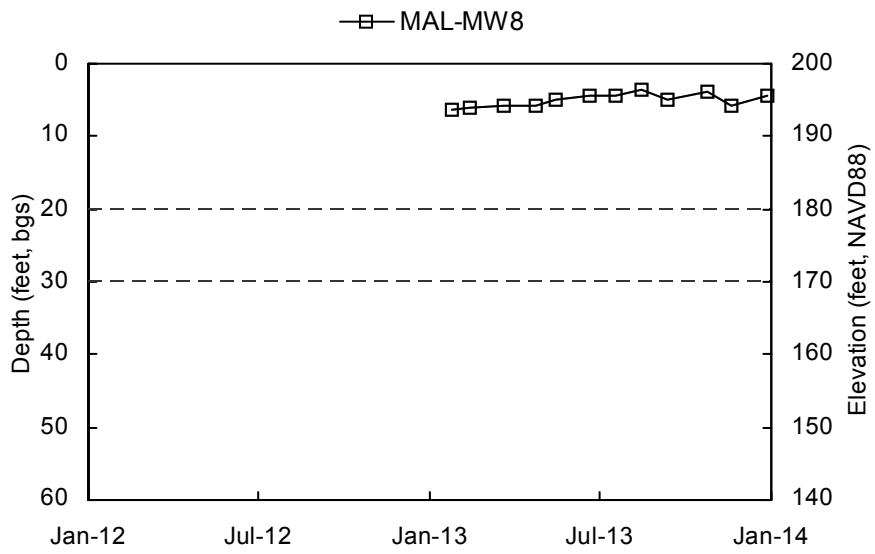

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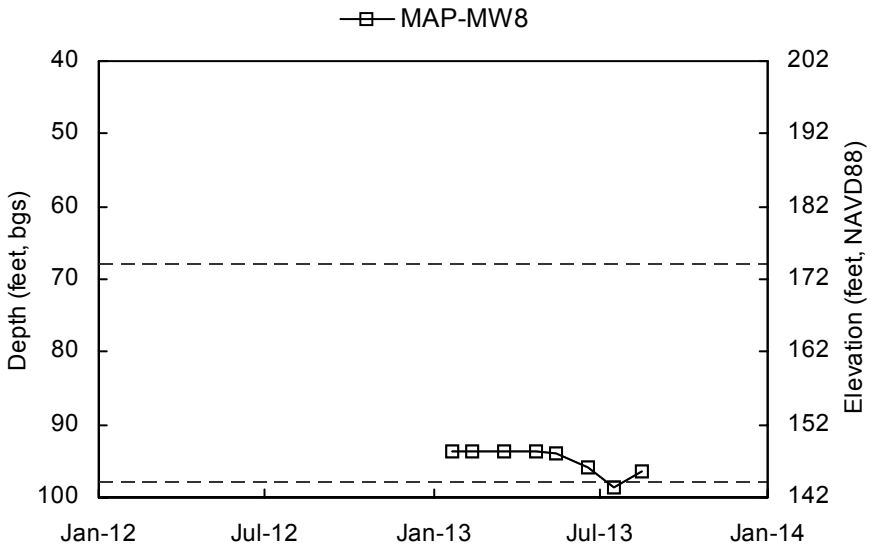

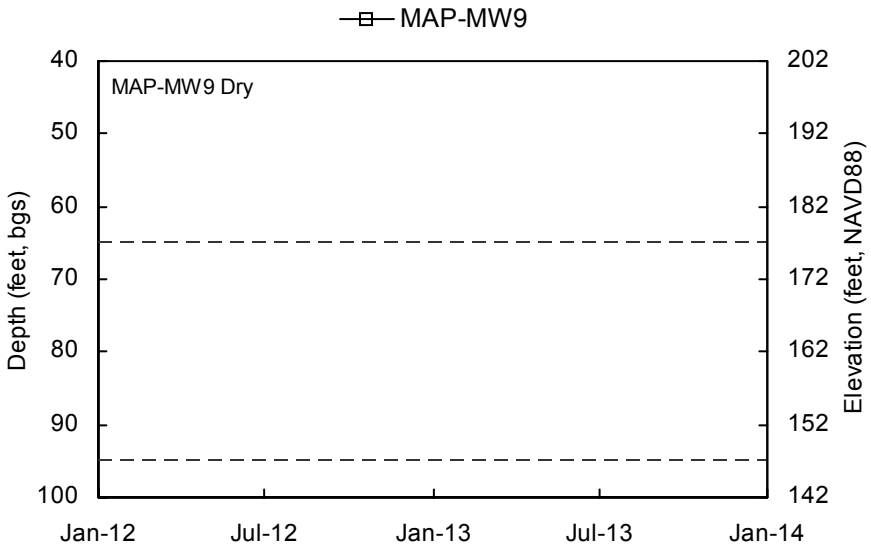

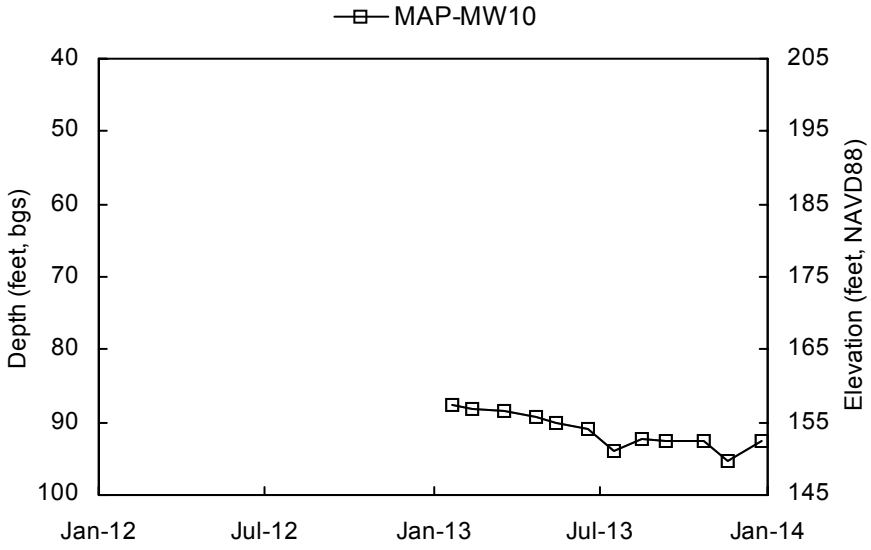

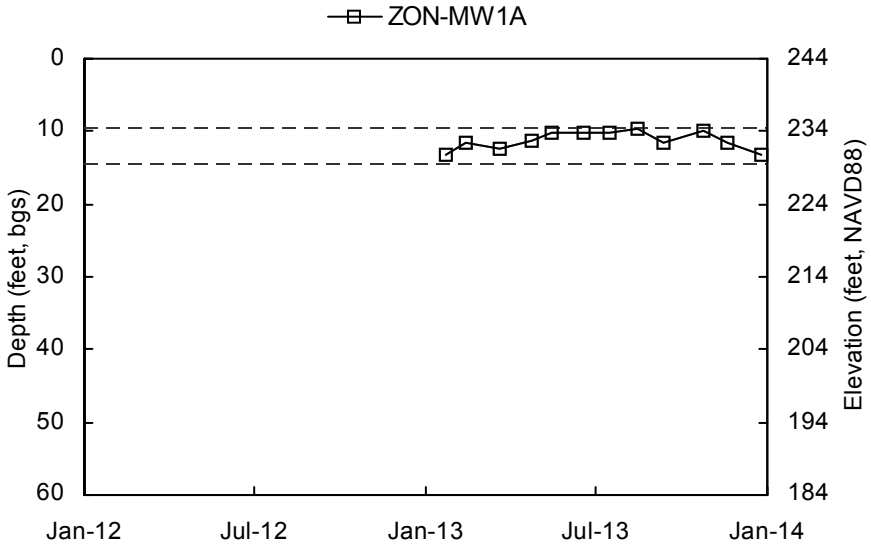

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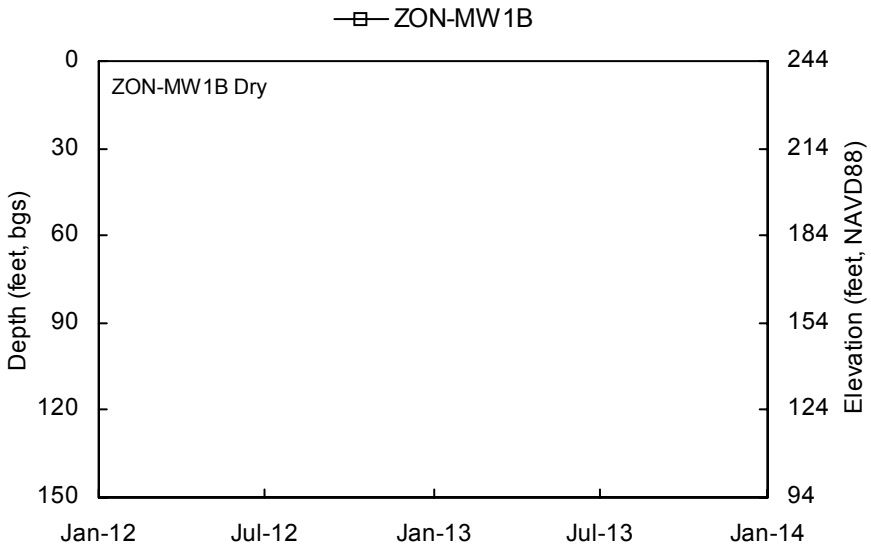

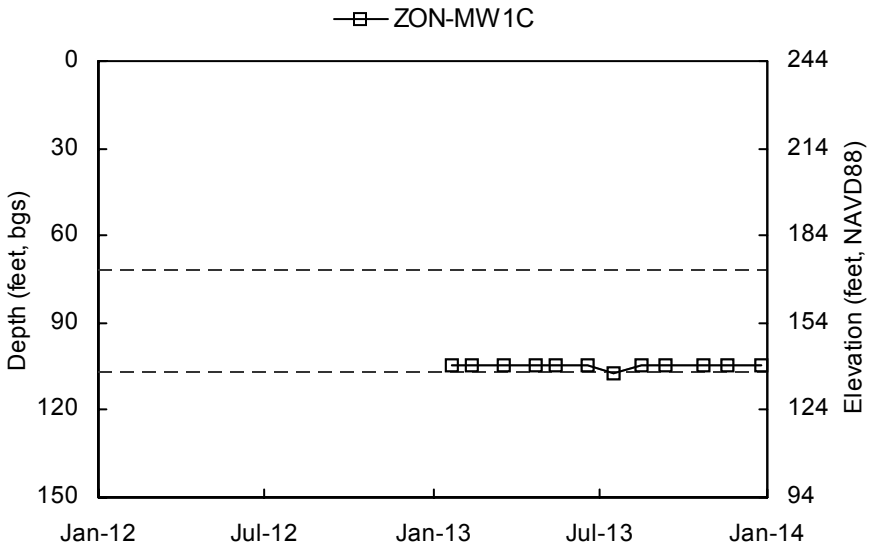

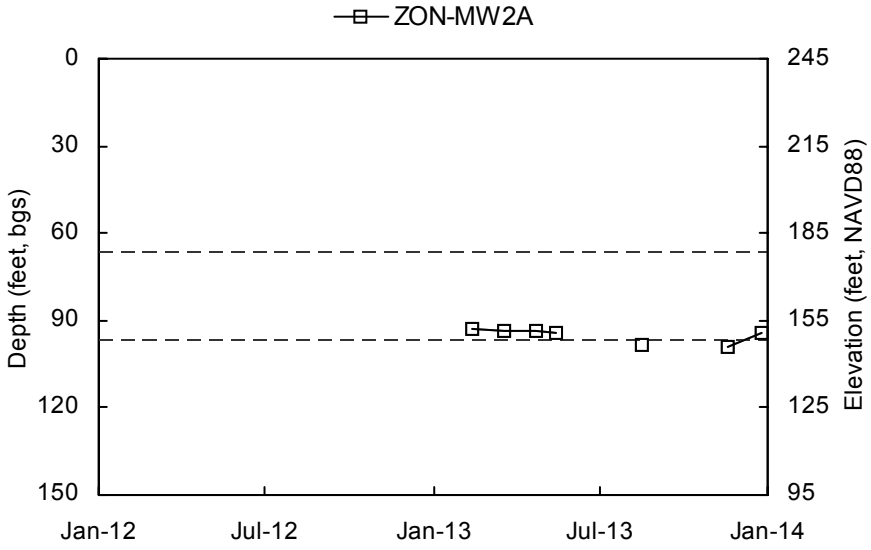

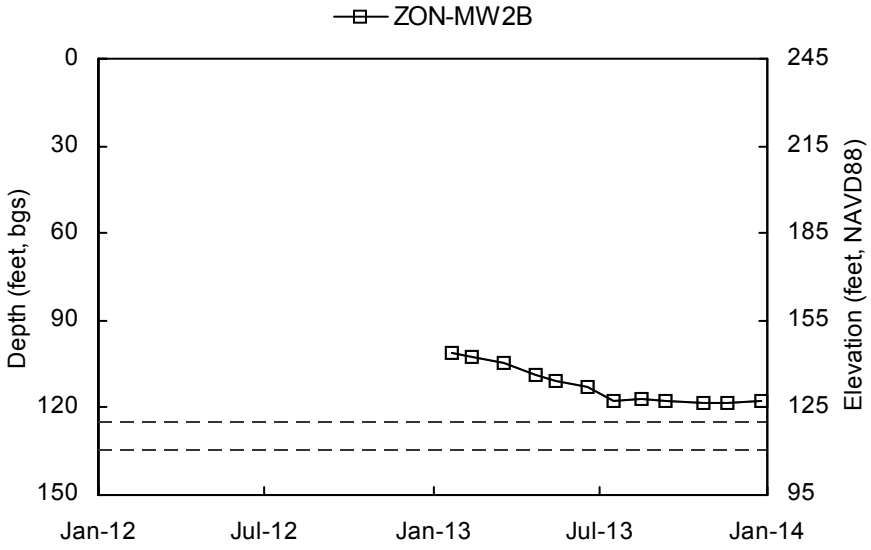

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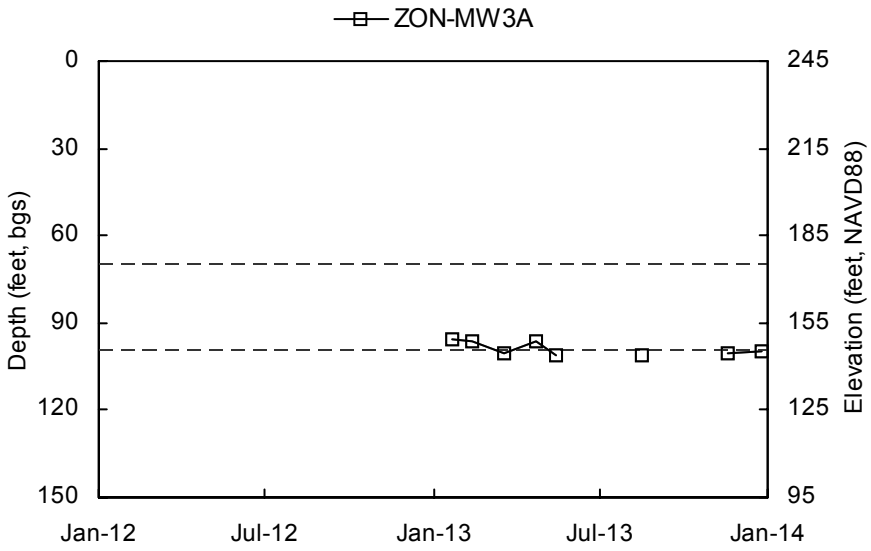

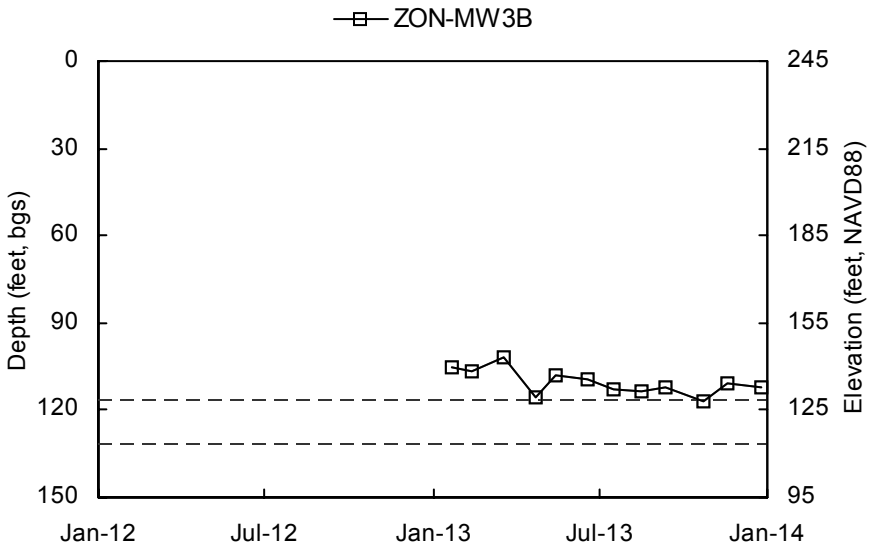

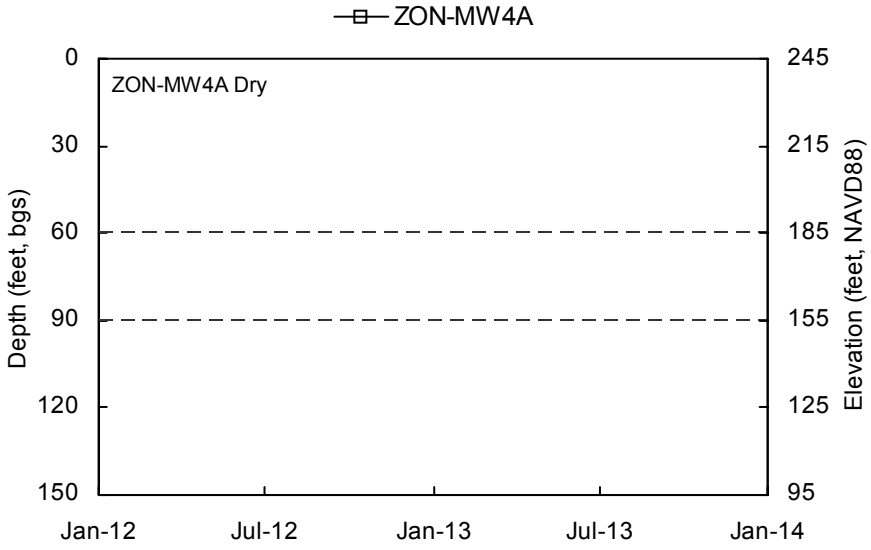

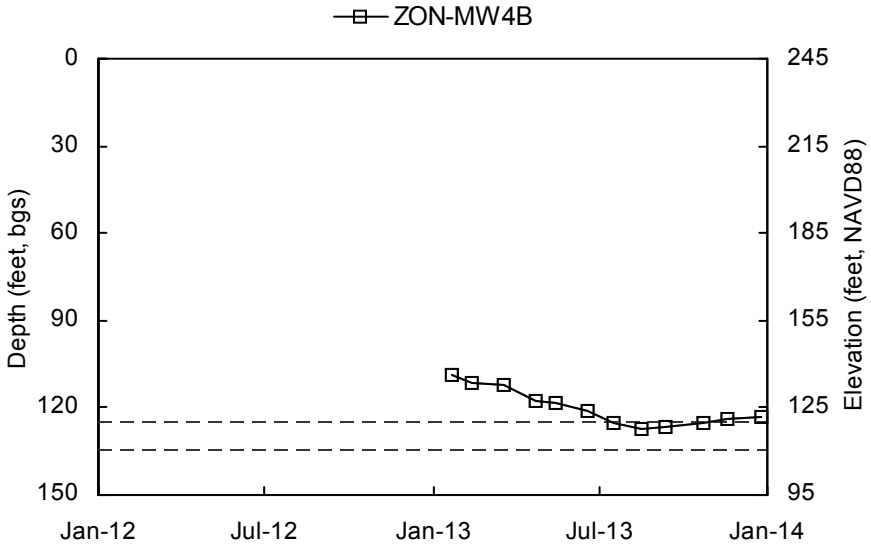

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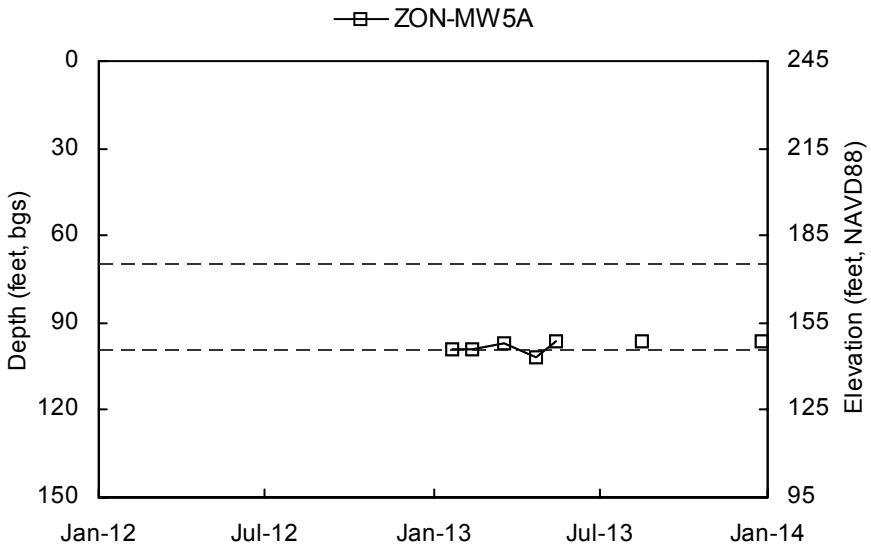

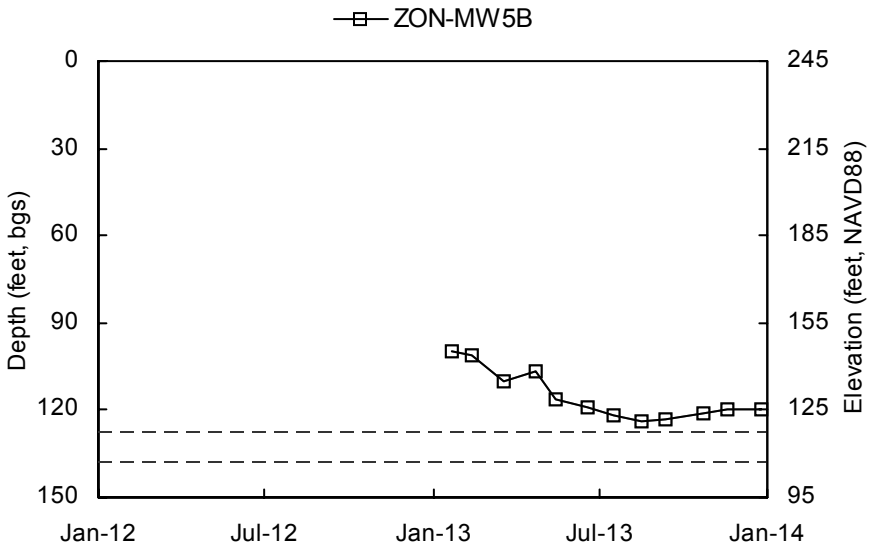

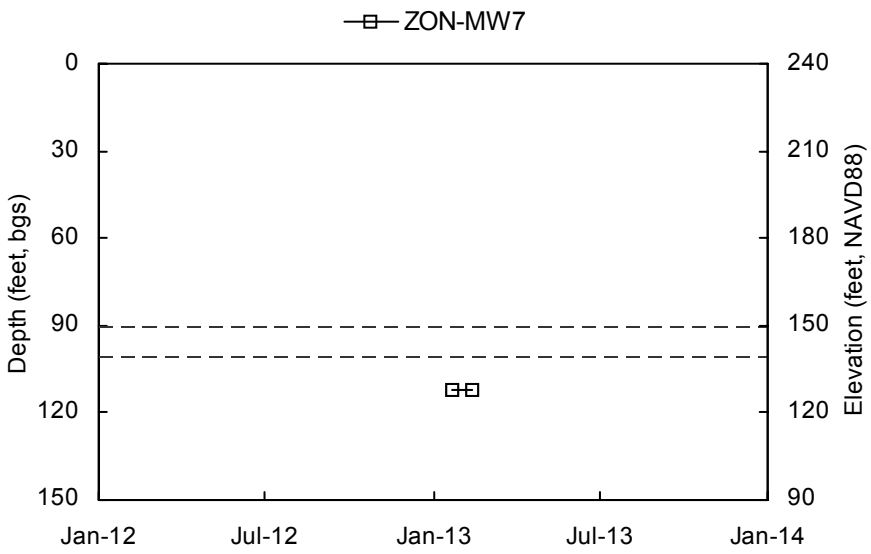

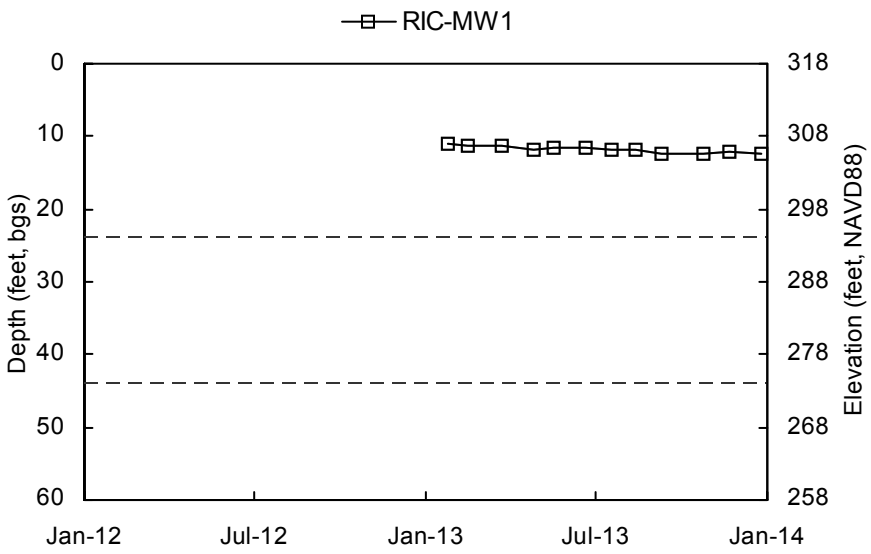

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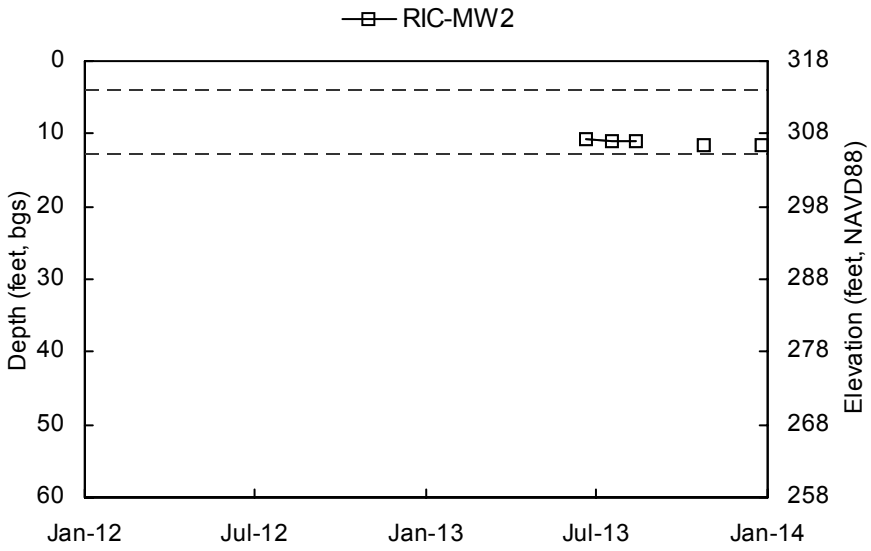

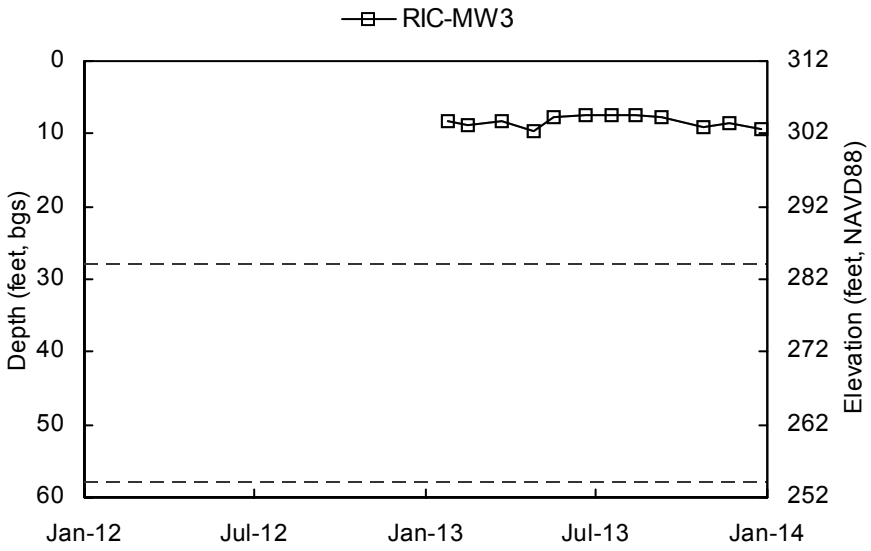

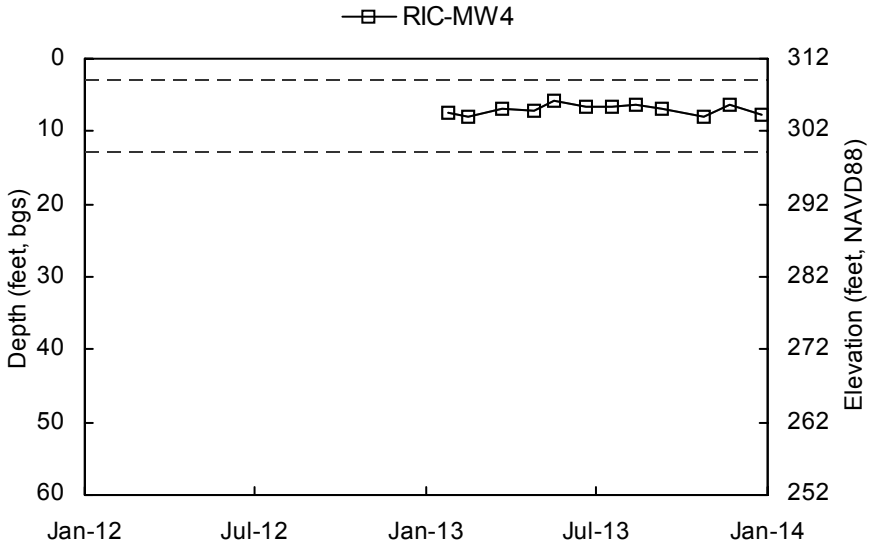

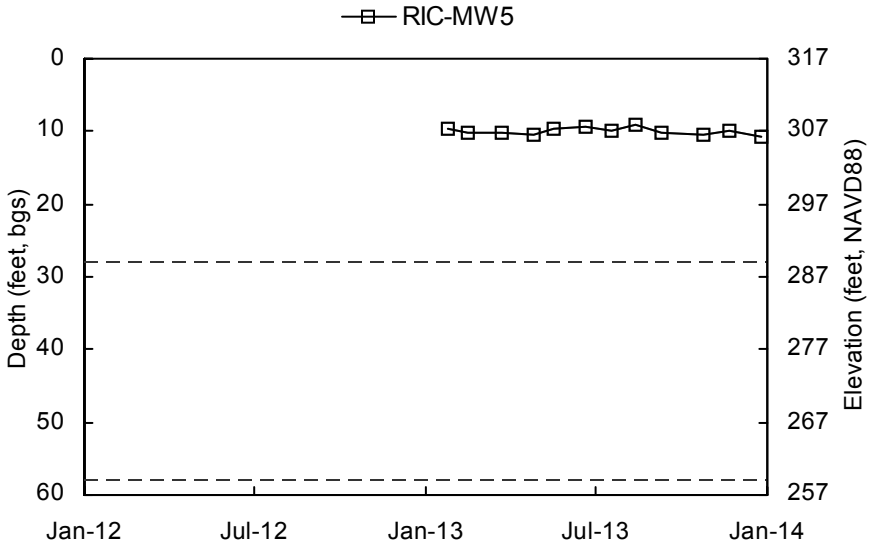

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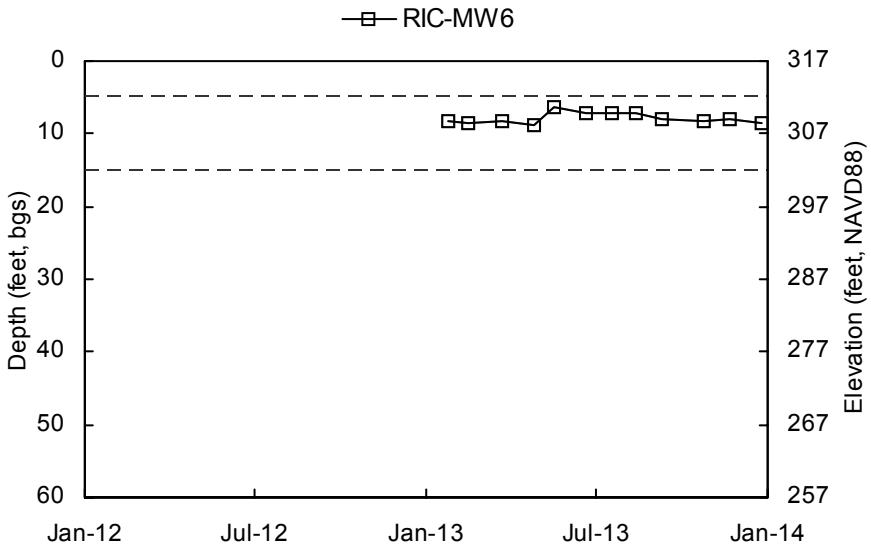

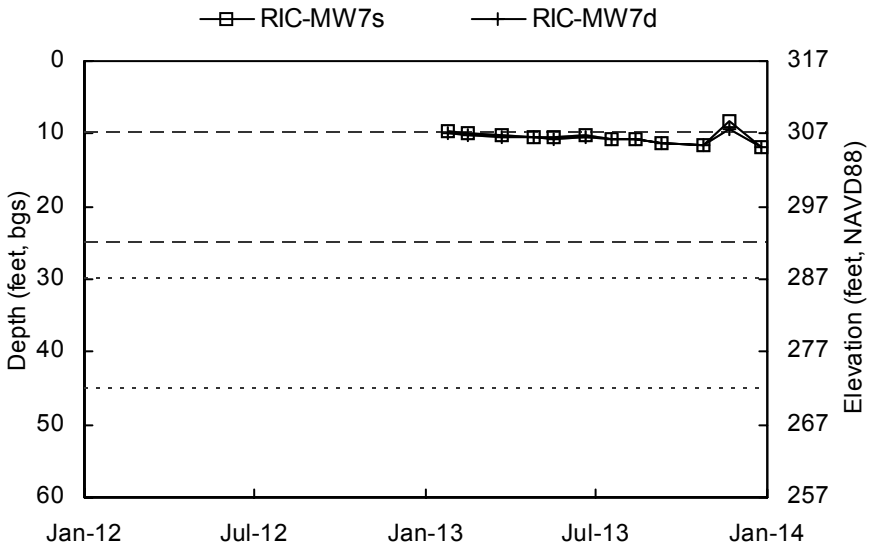

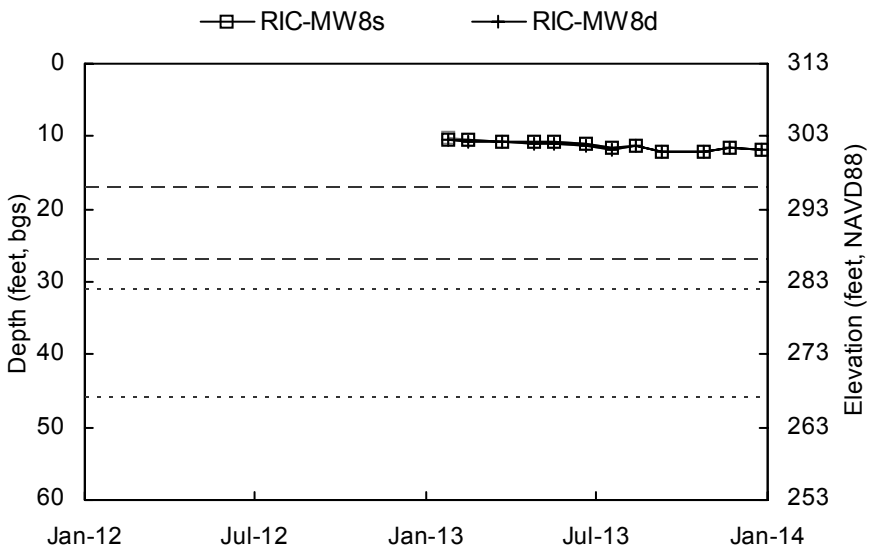

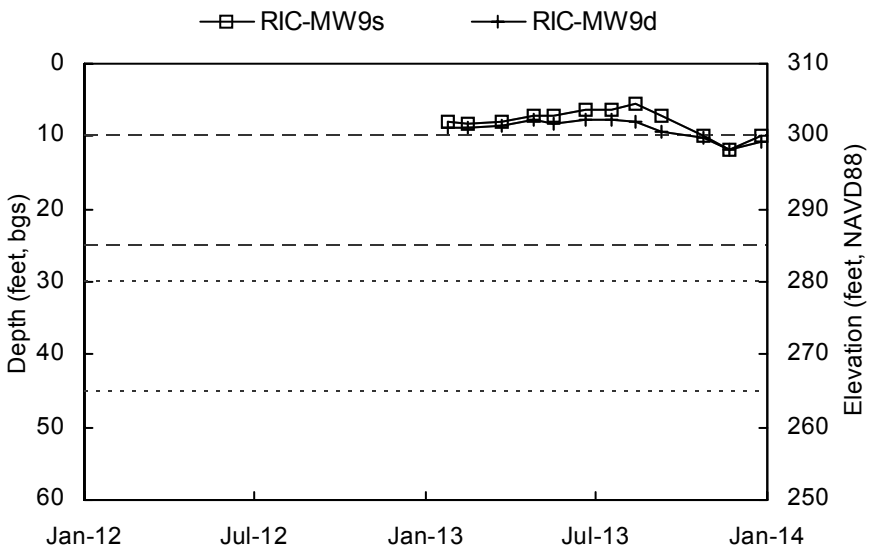

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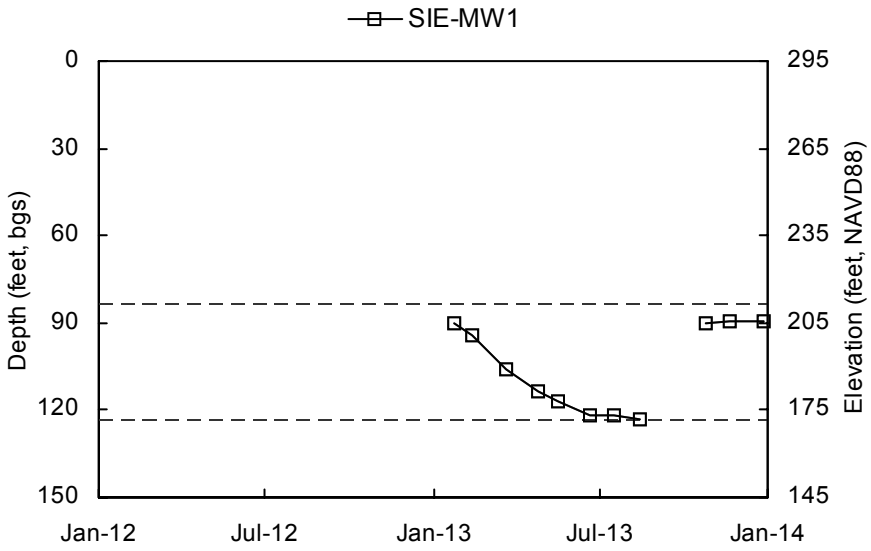
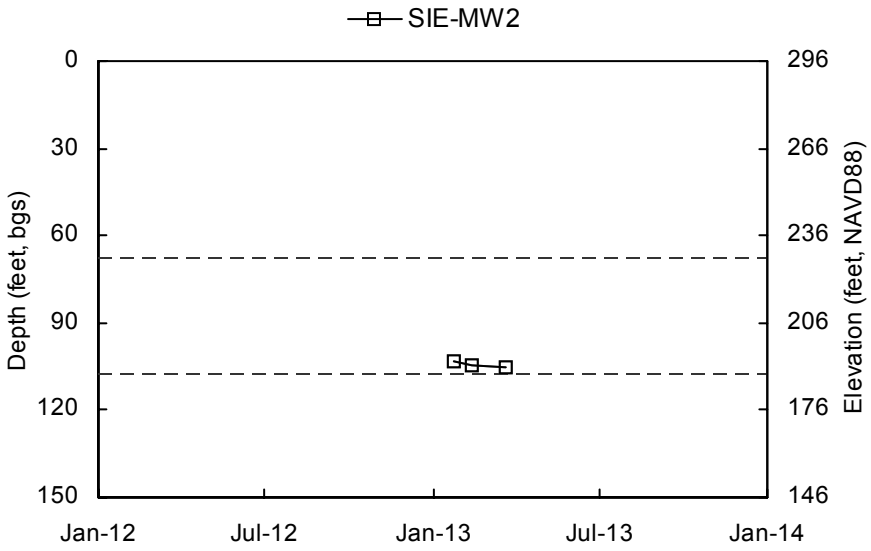
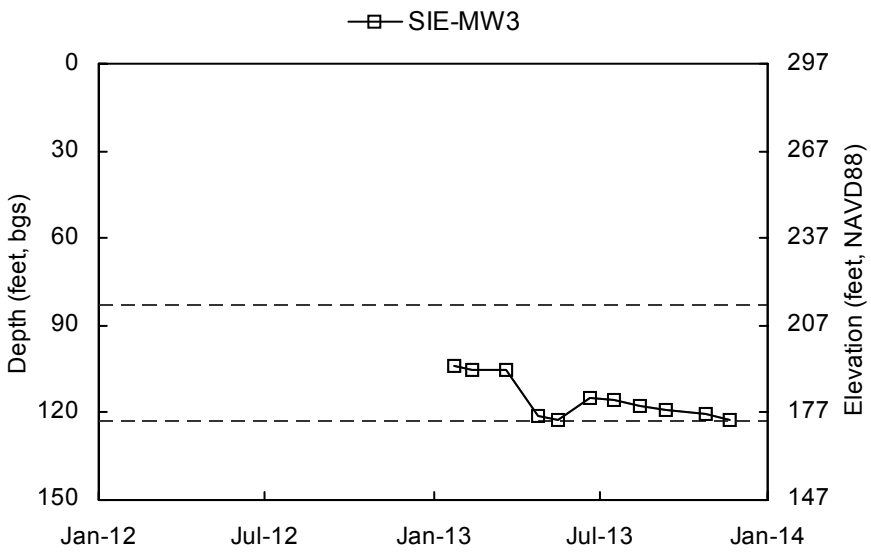
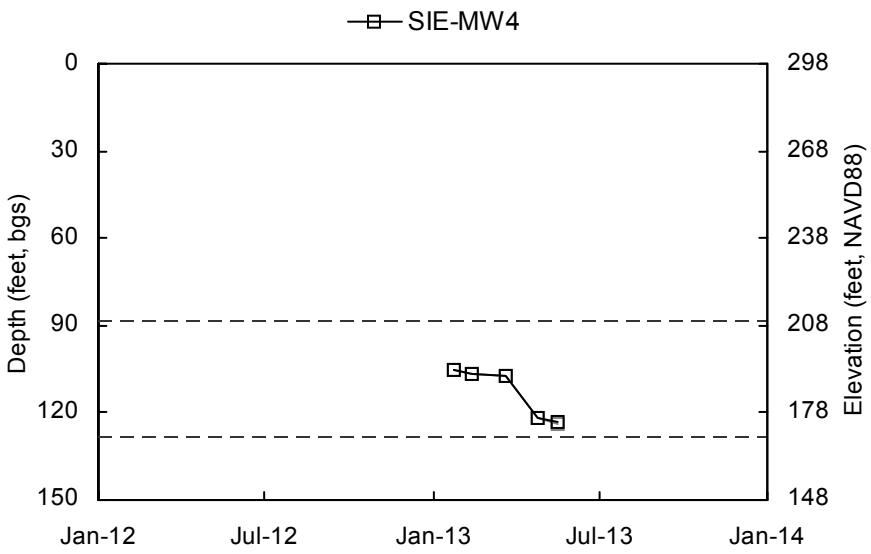


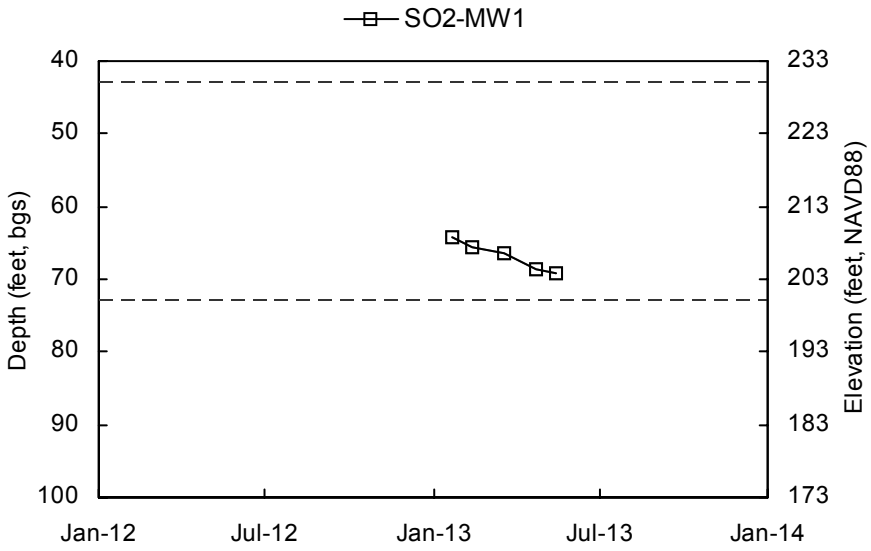


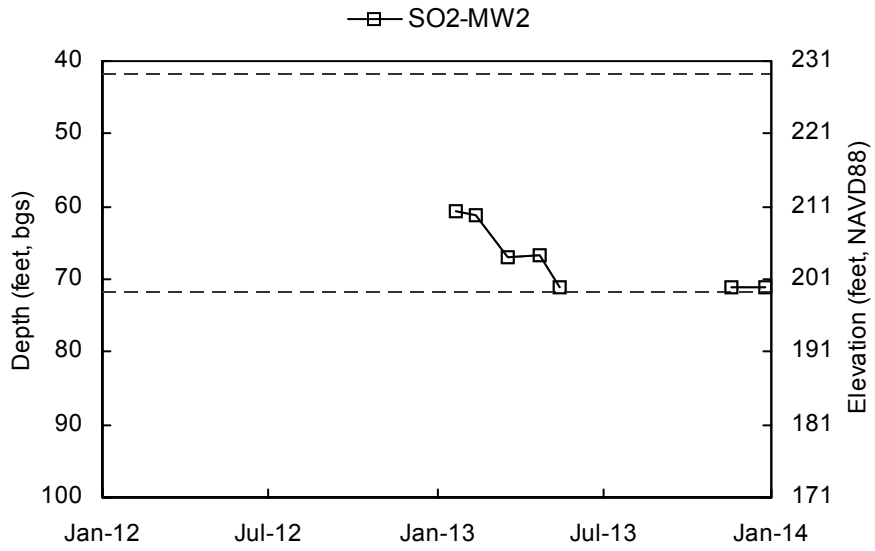


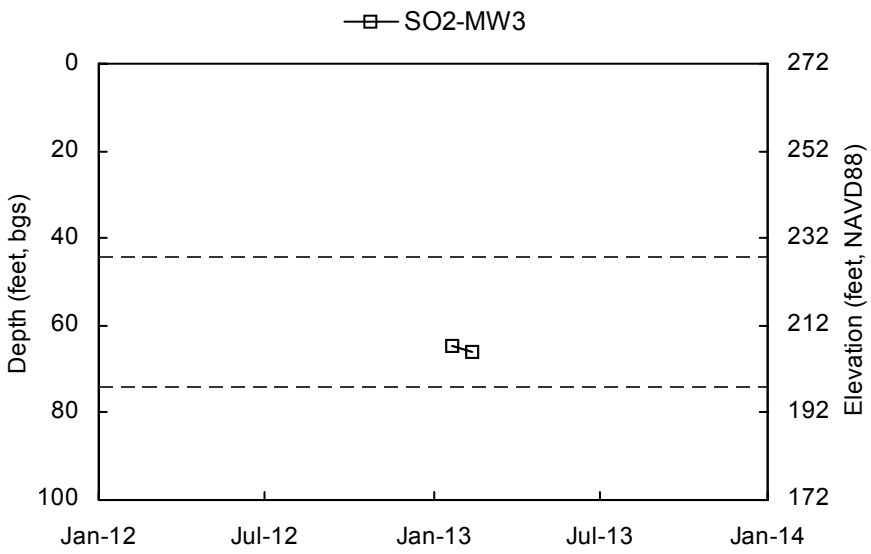


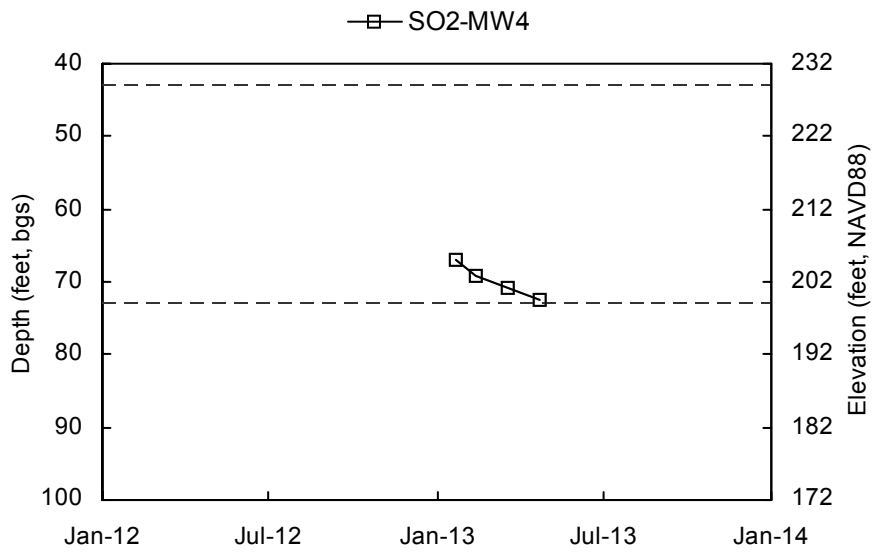
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



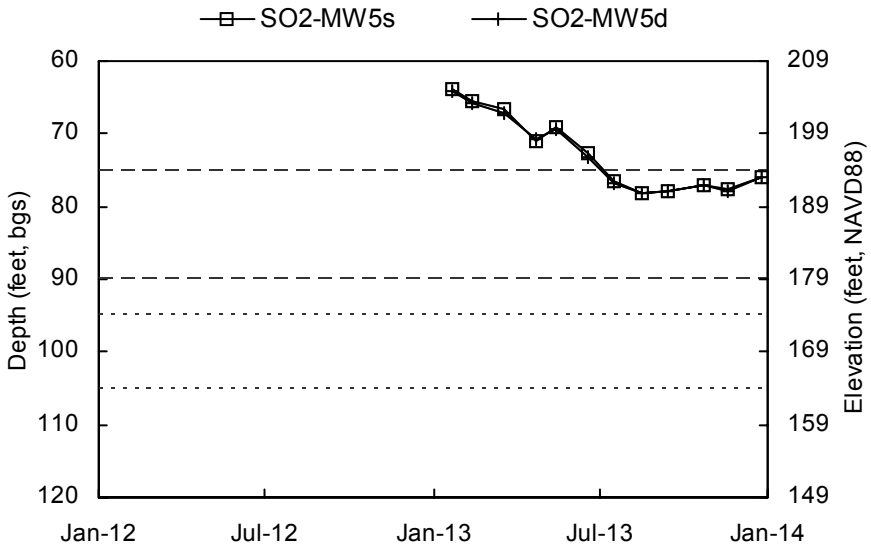


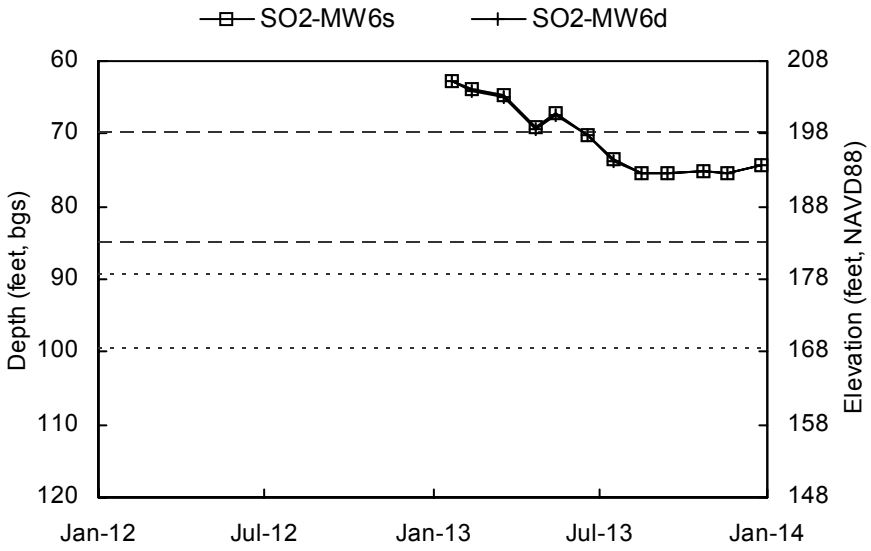


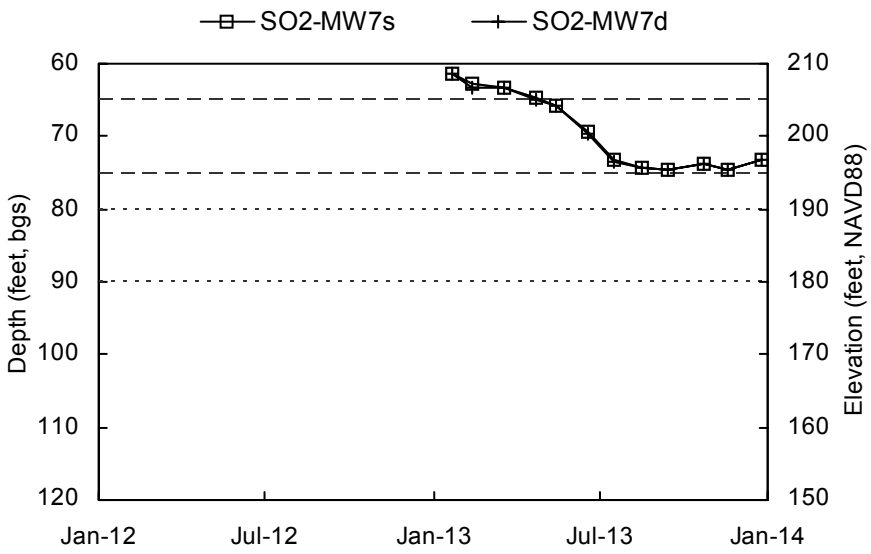


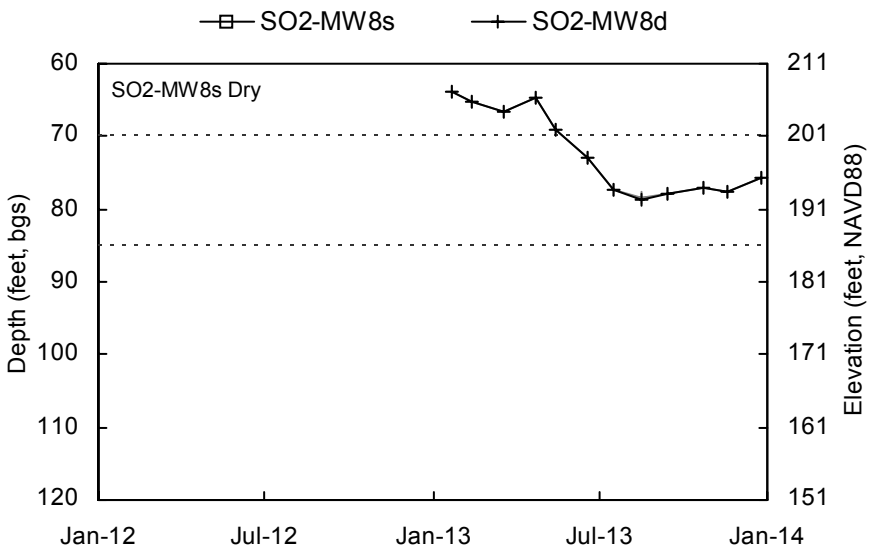
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



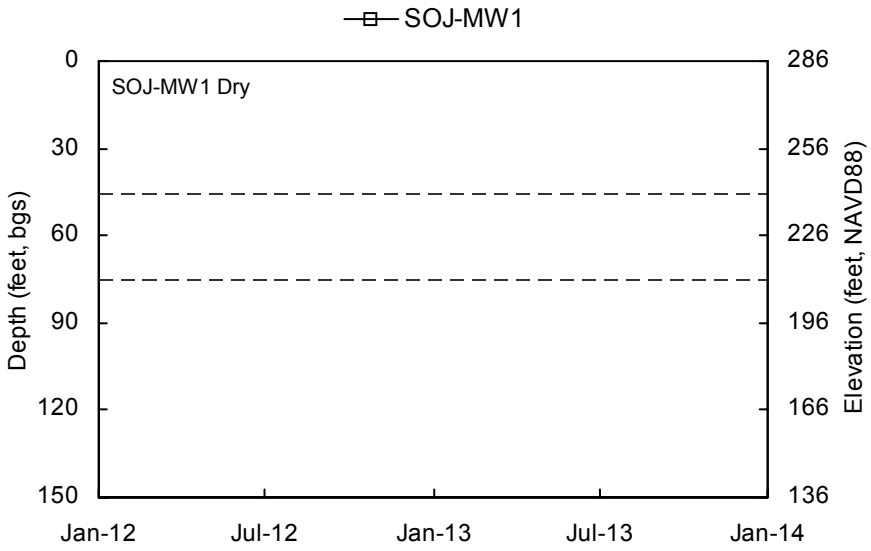


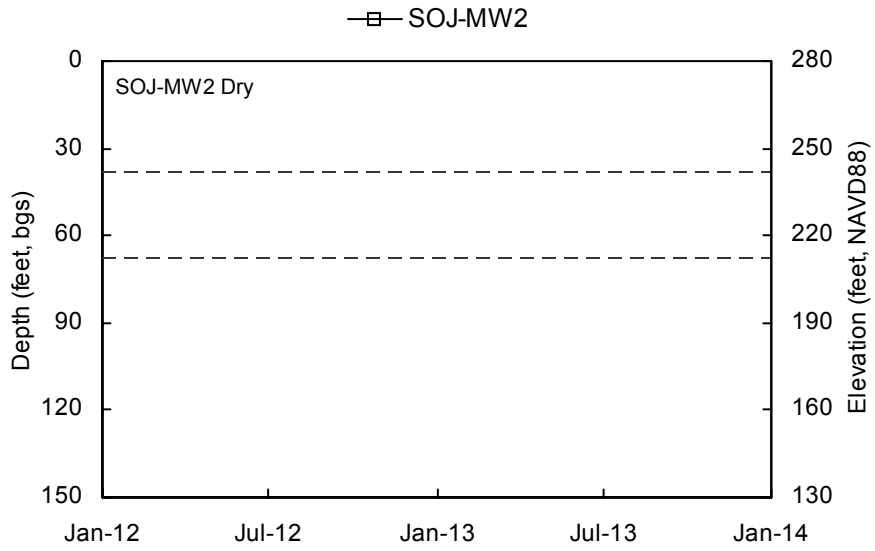


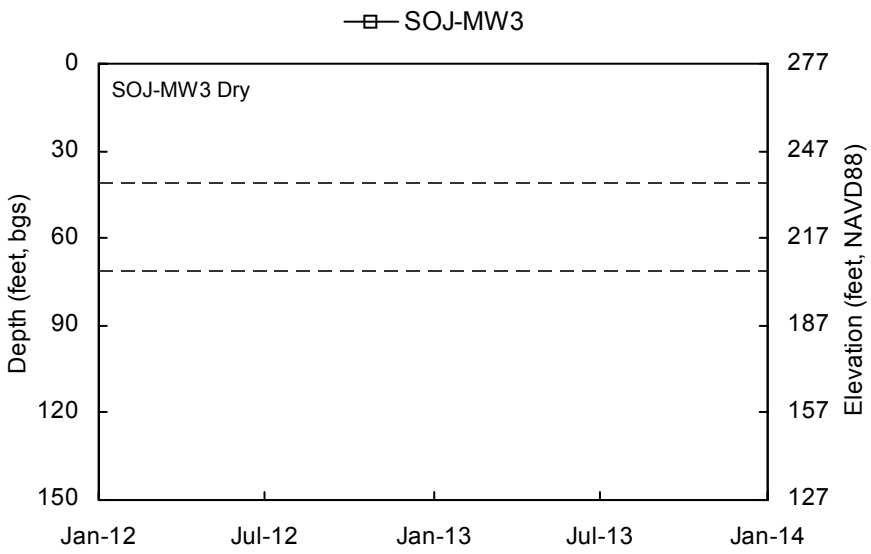


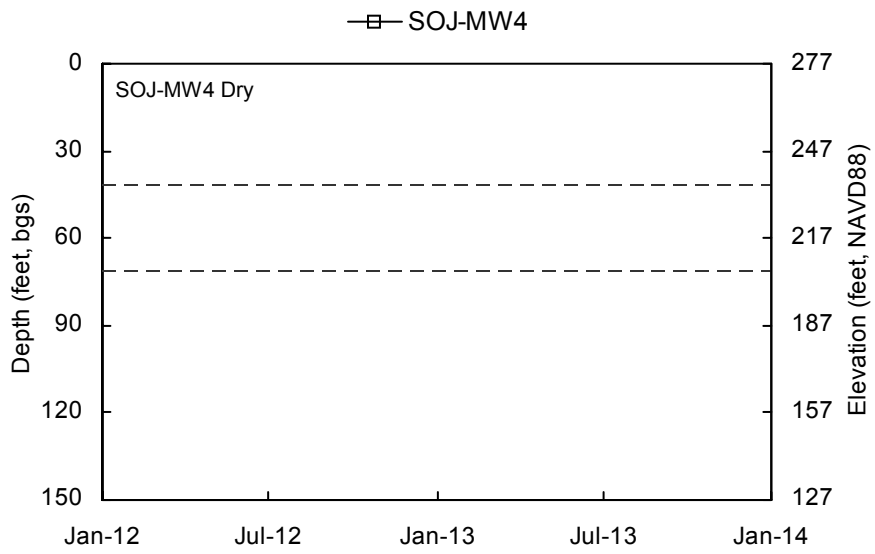
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



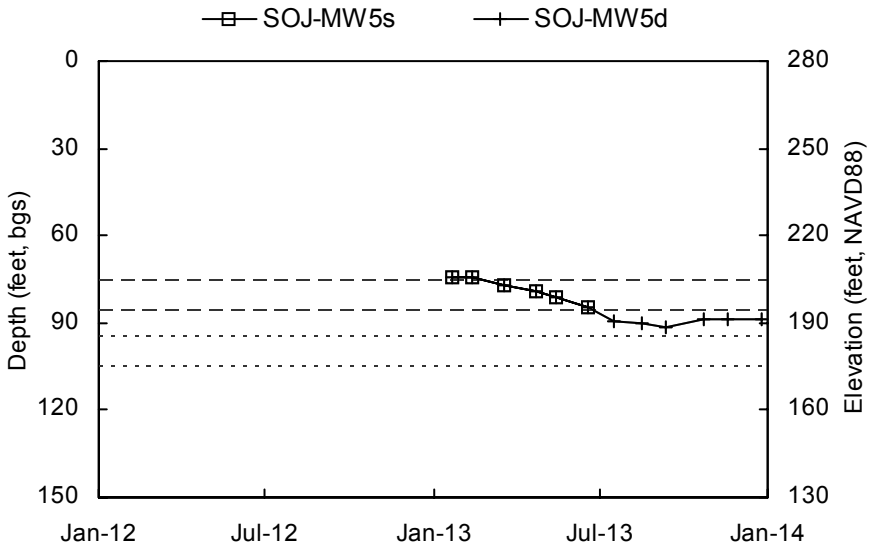


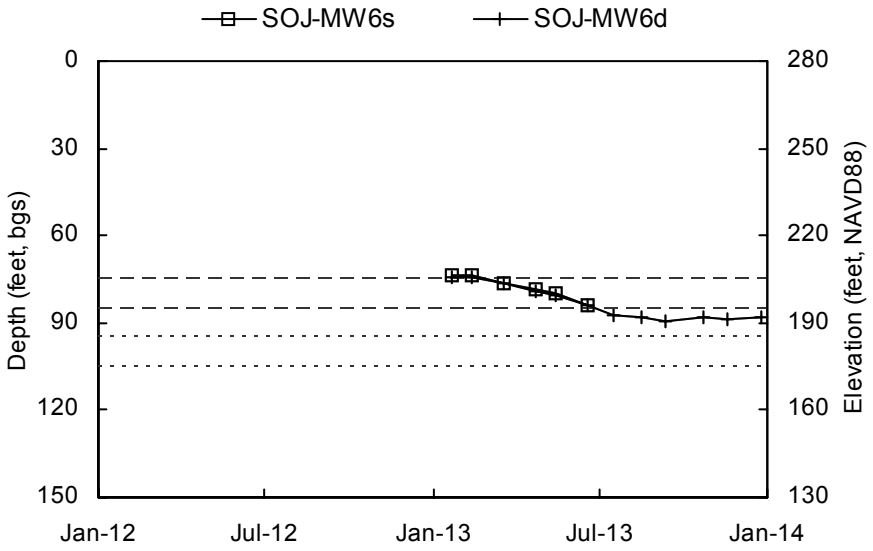




Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.

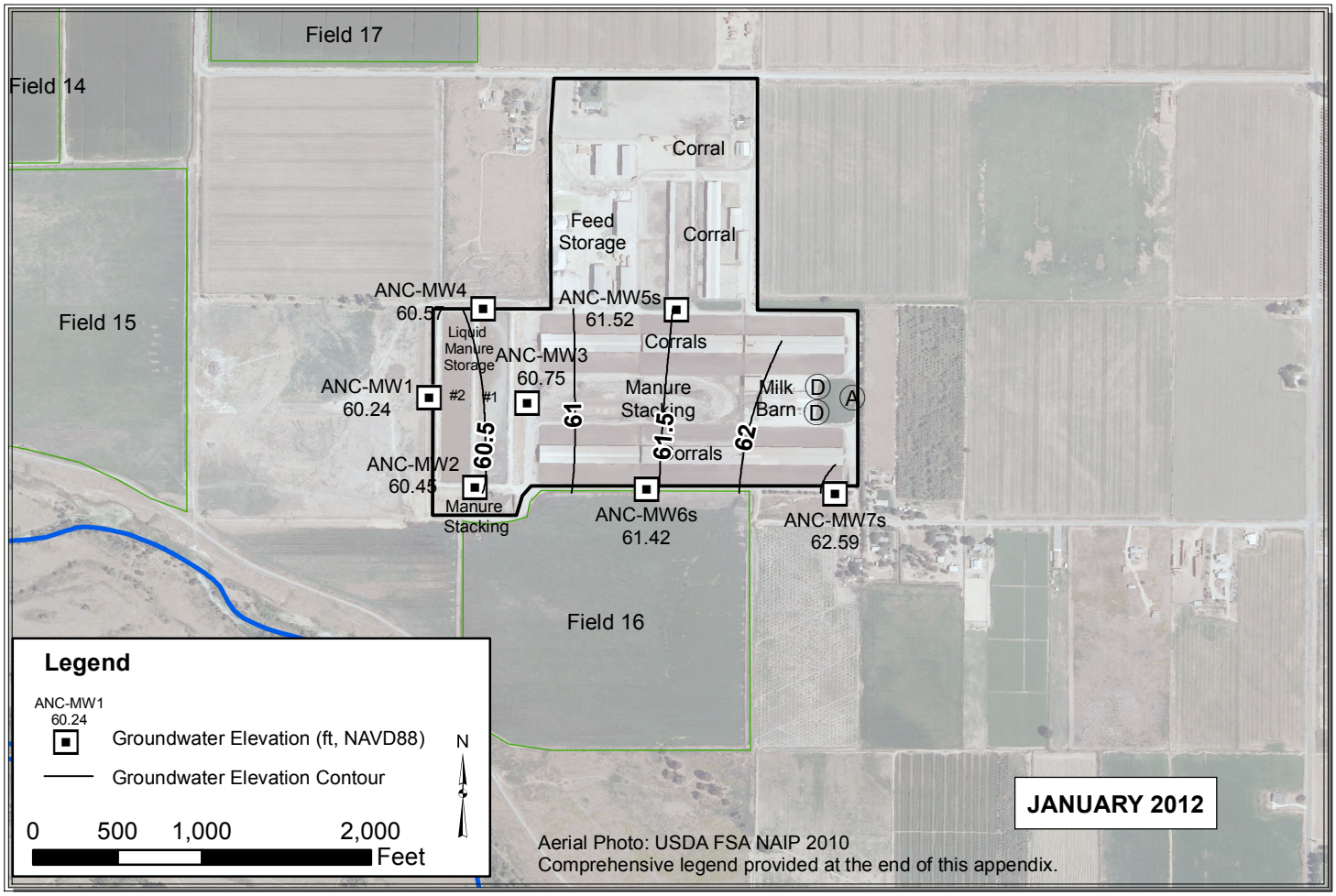


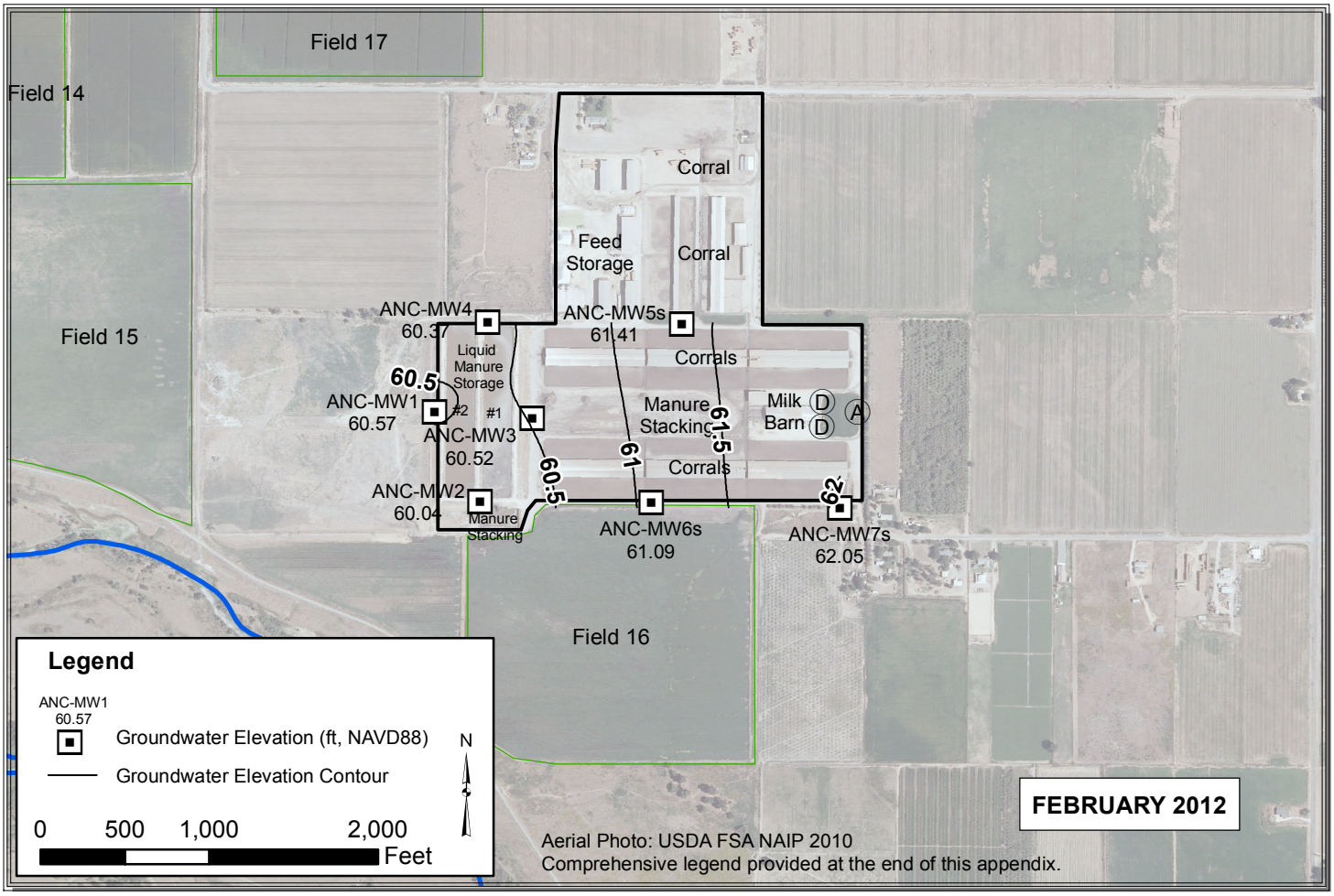


Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.

ANC





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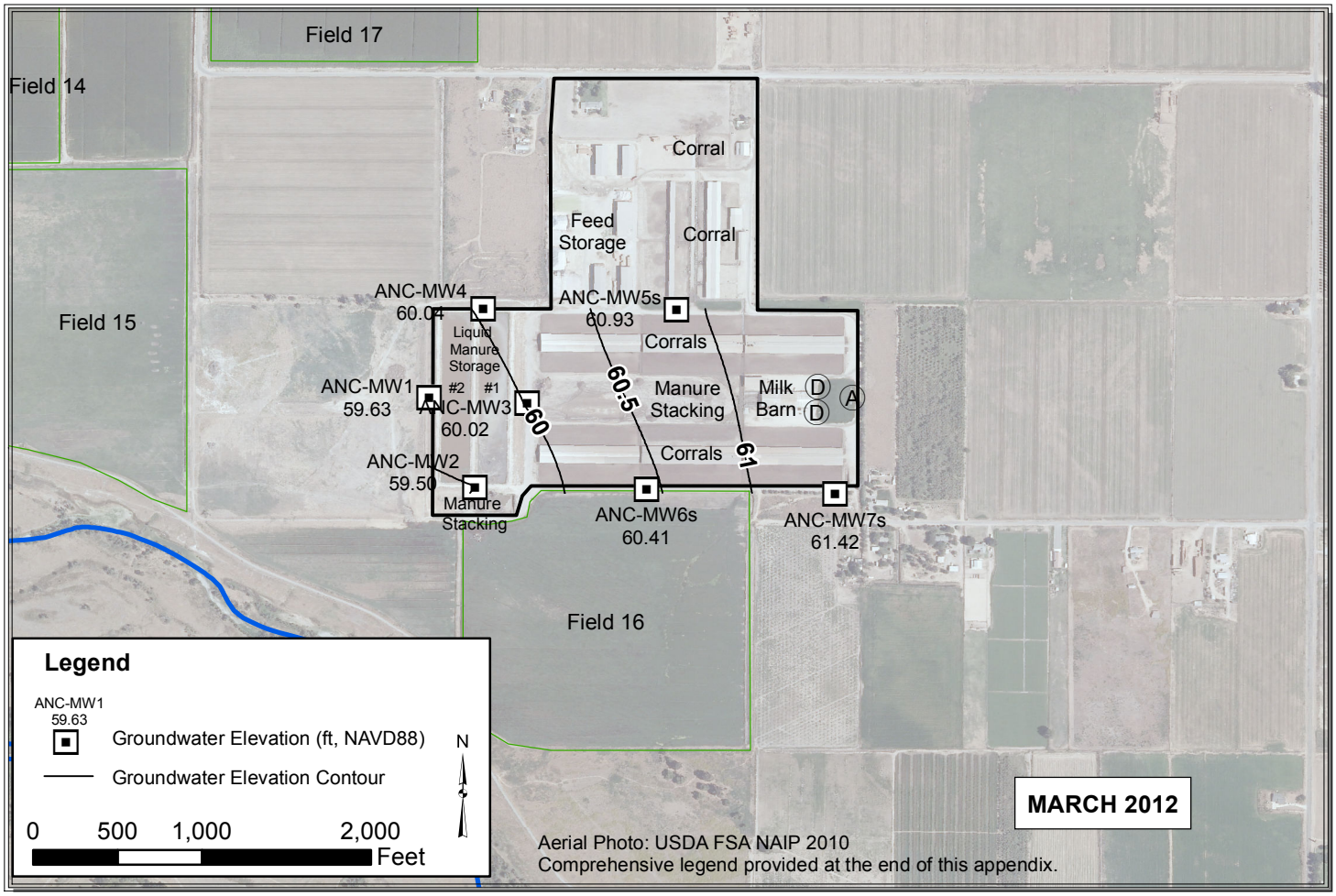

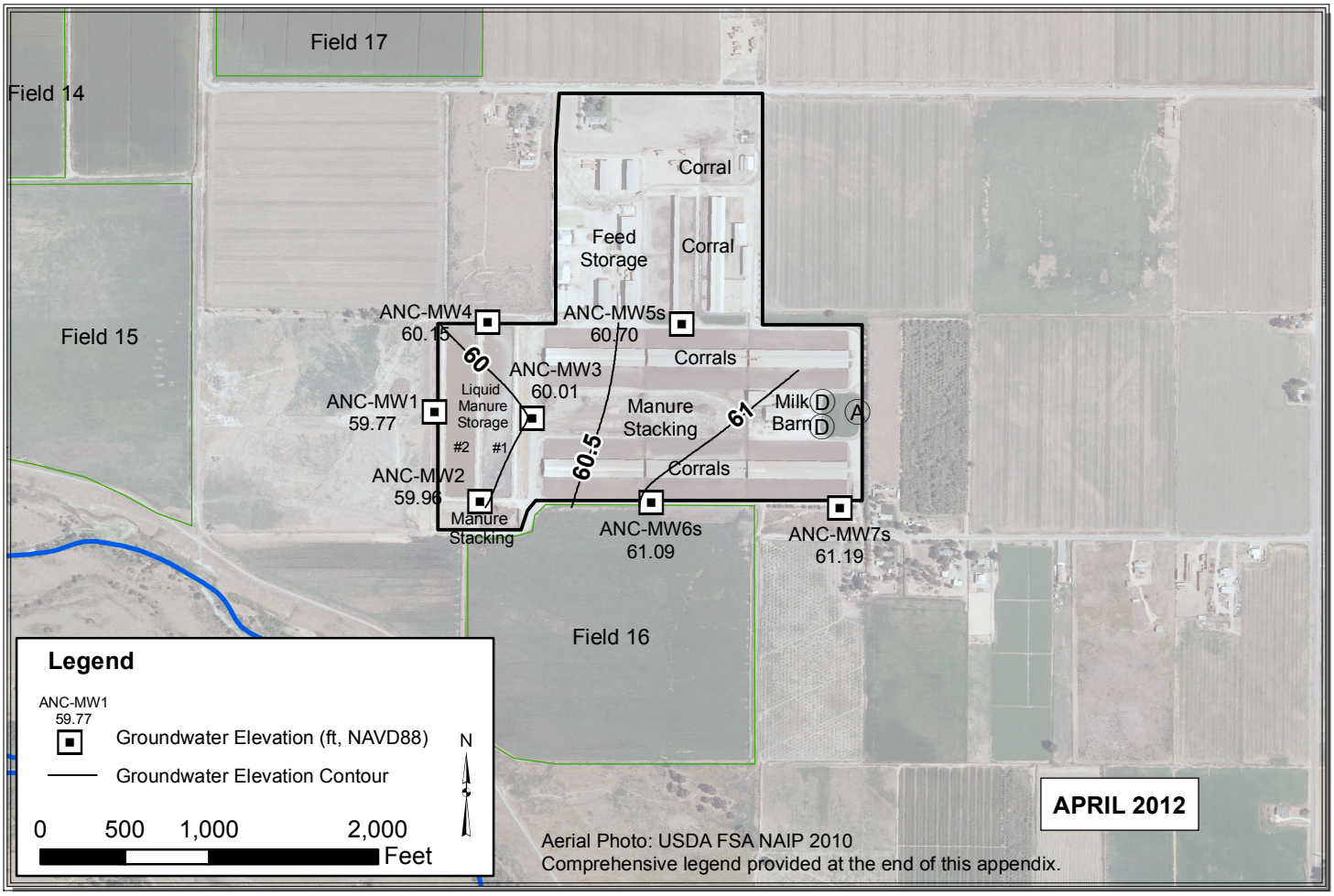

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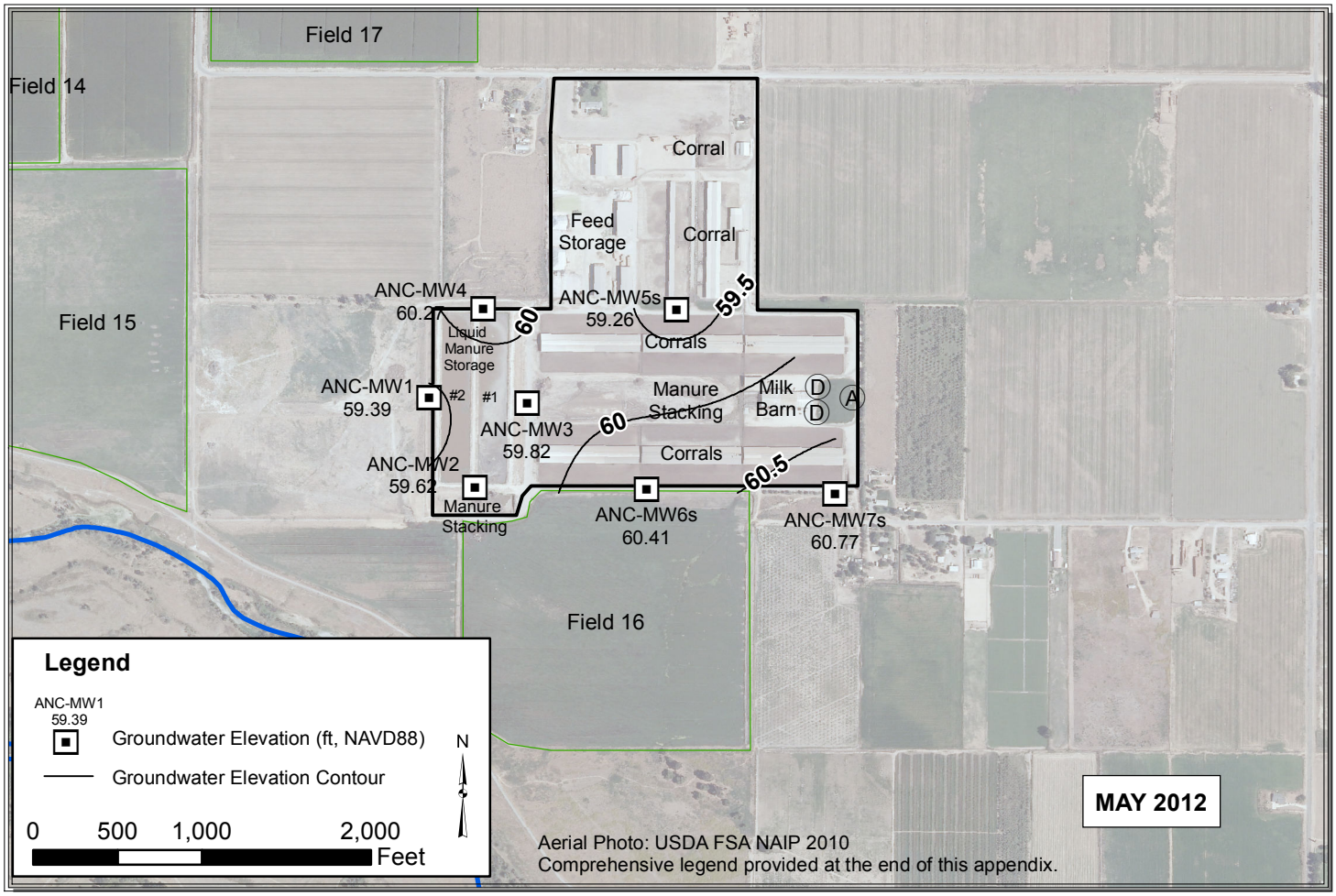

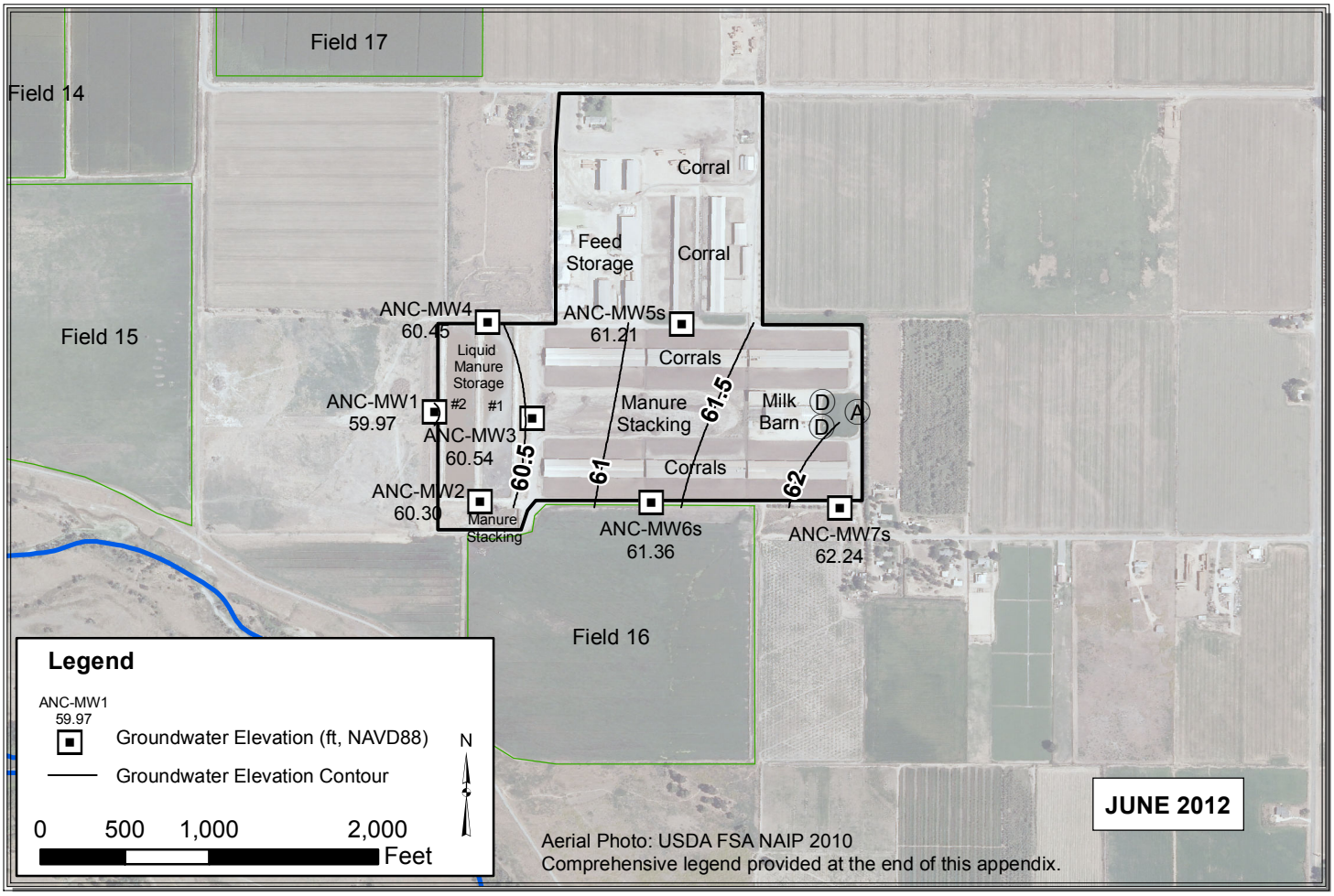

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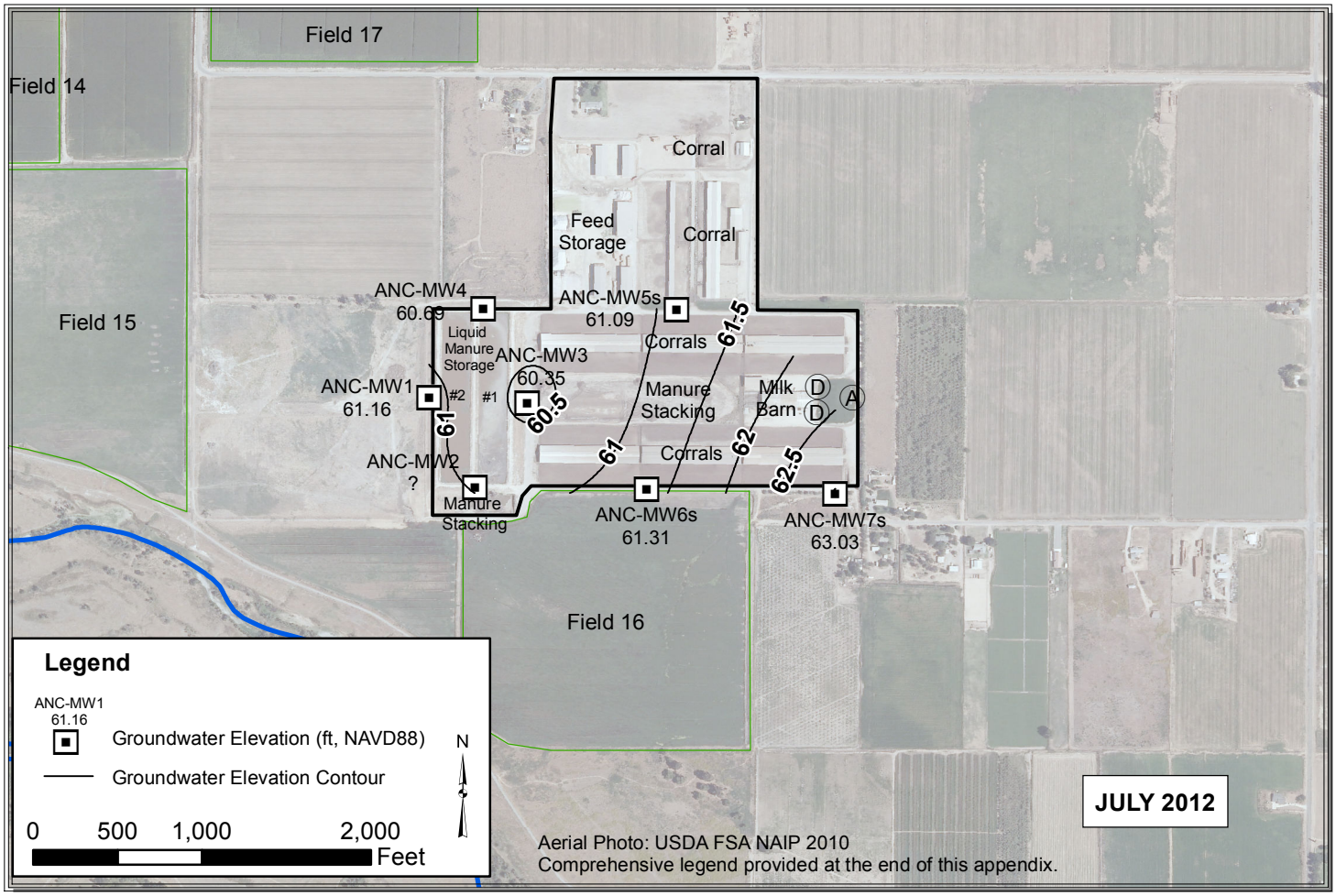

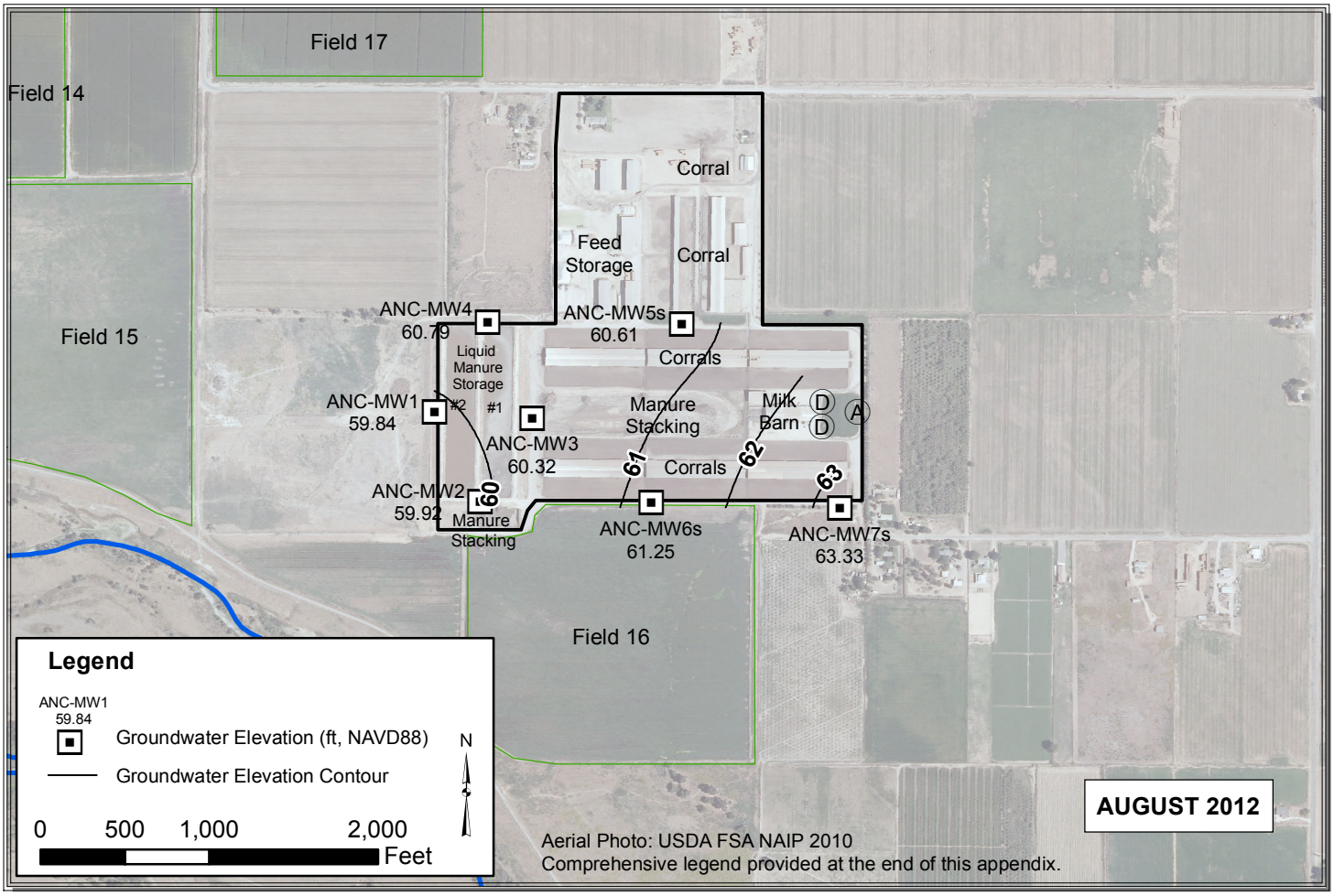

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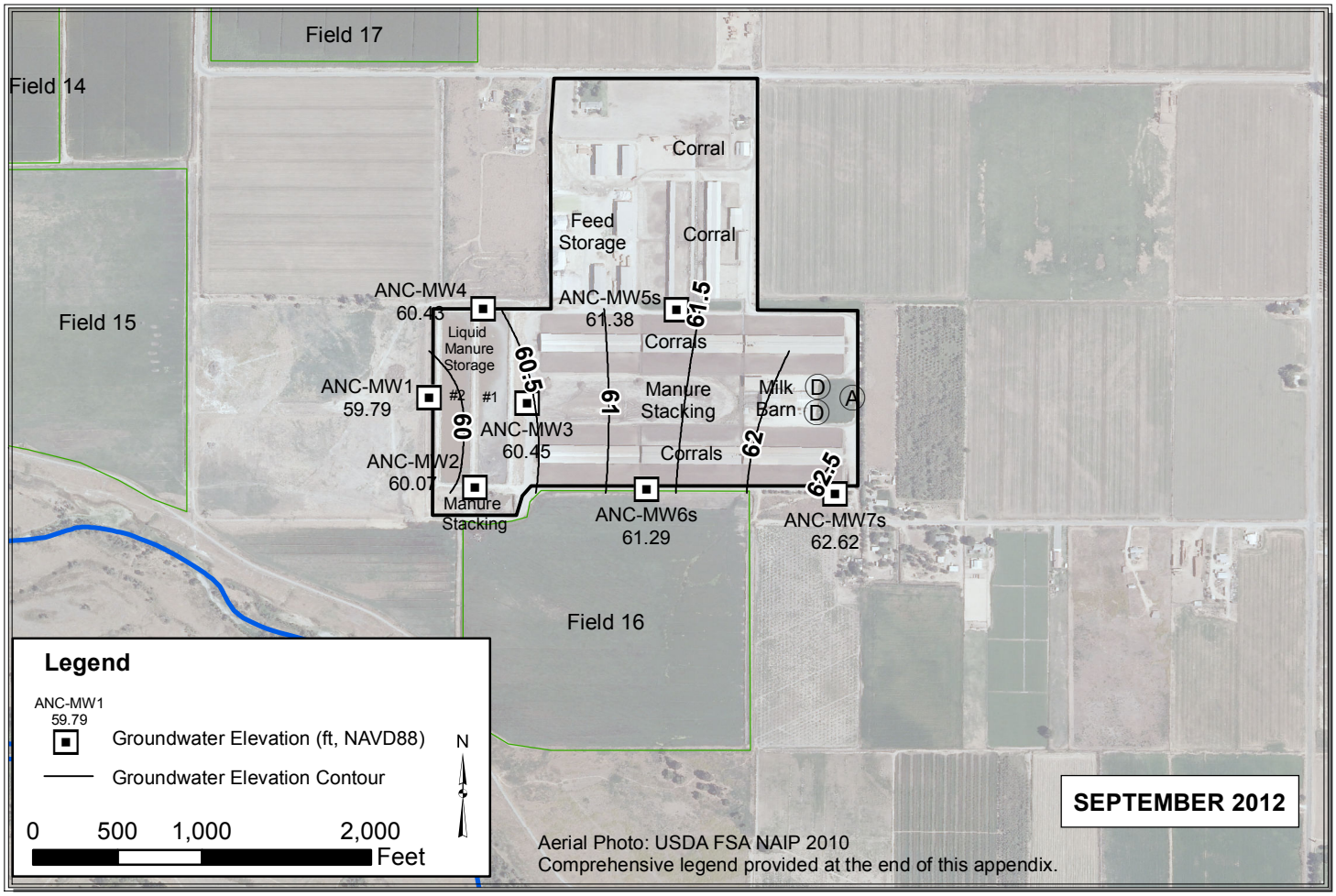

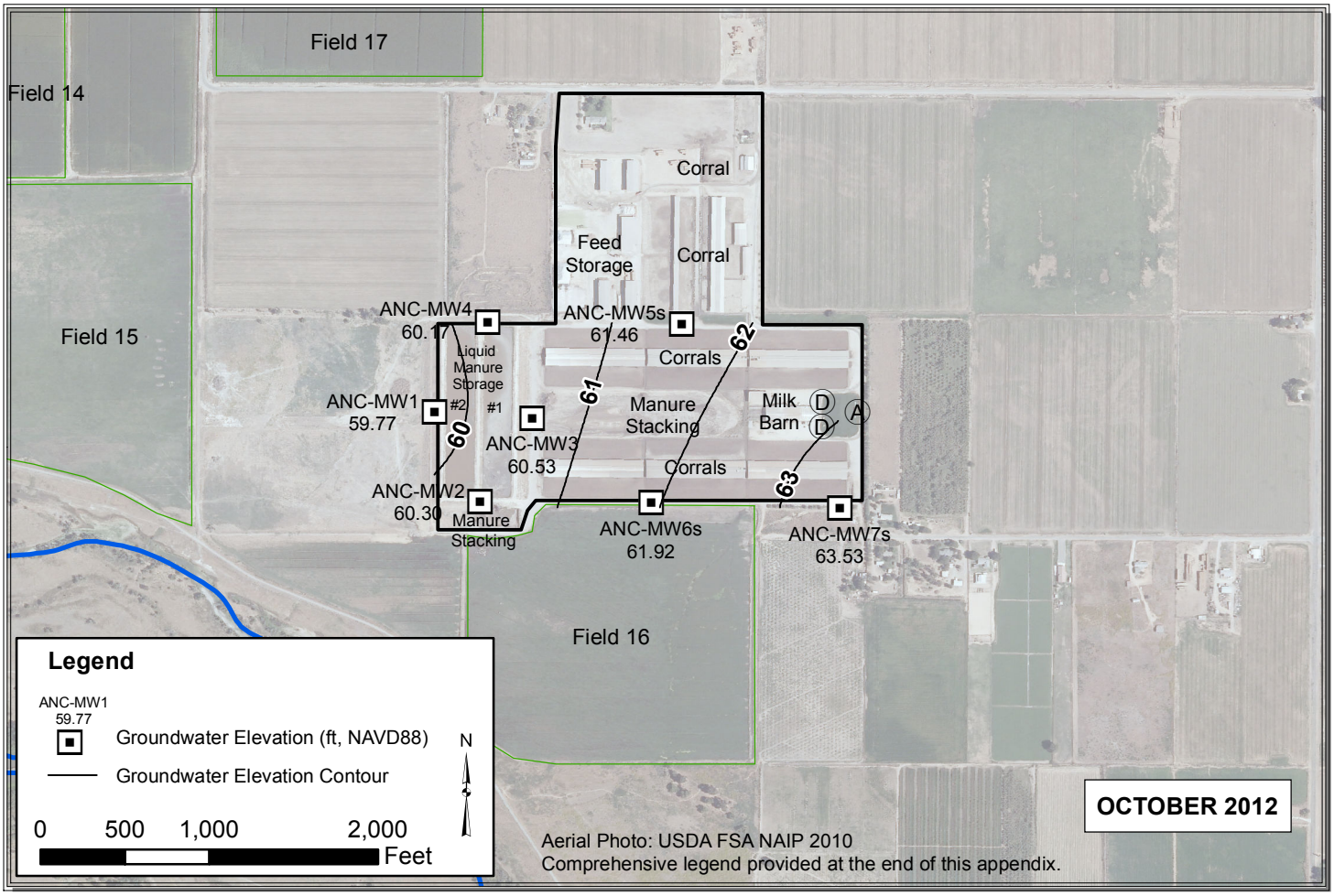

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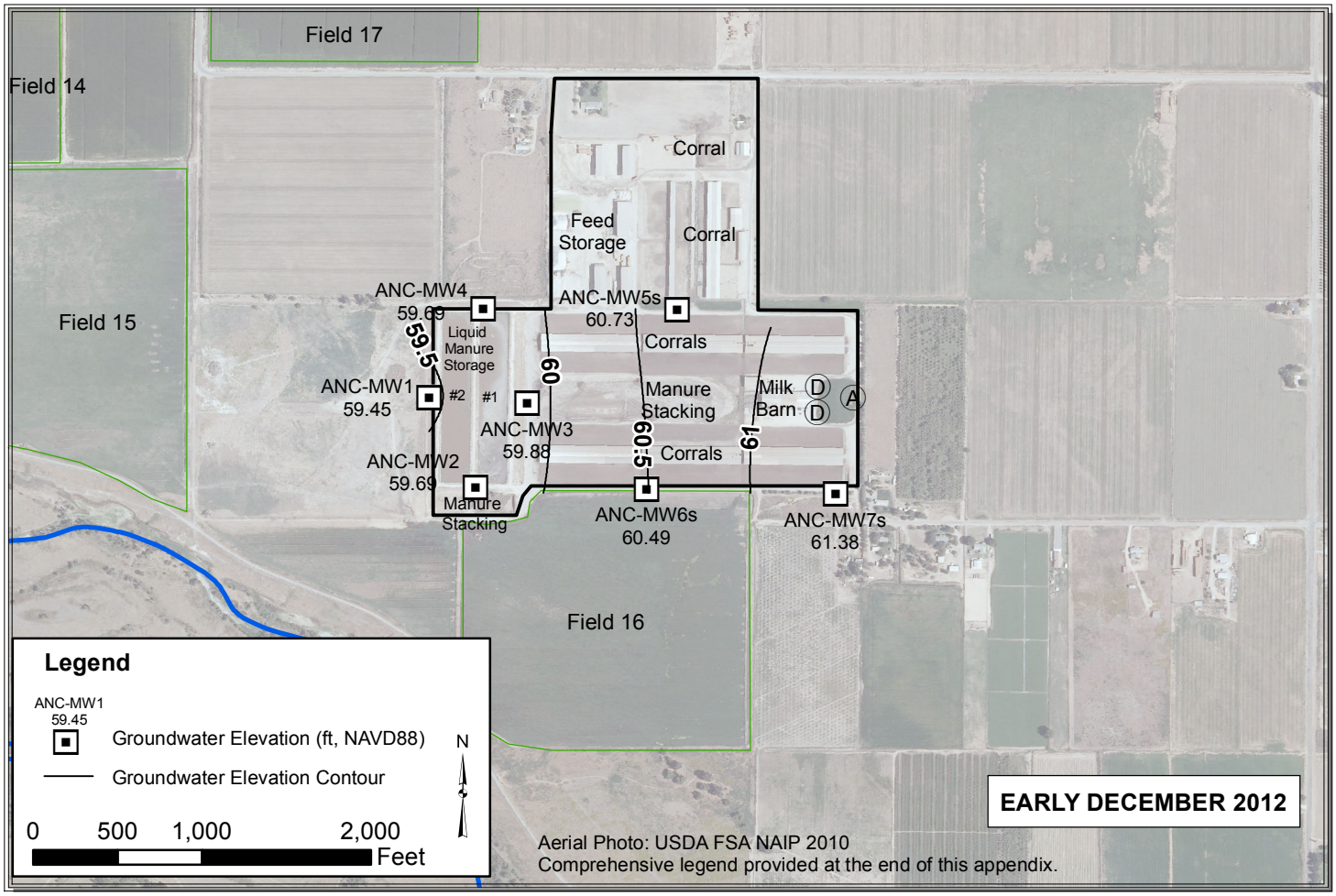

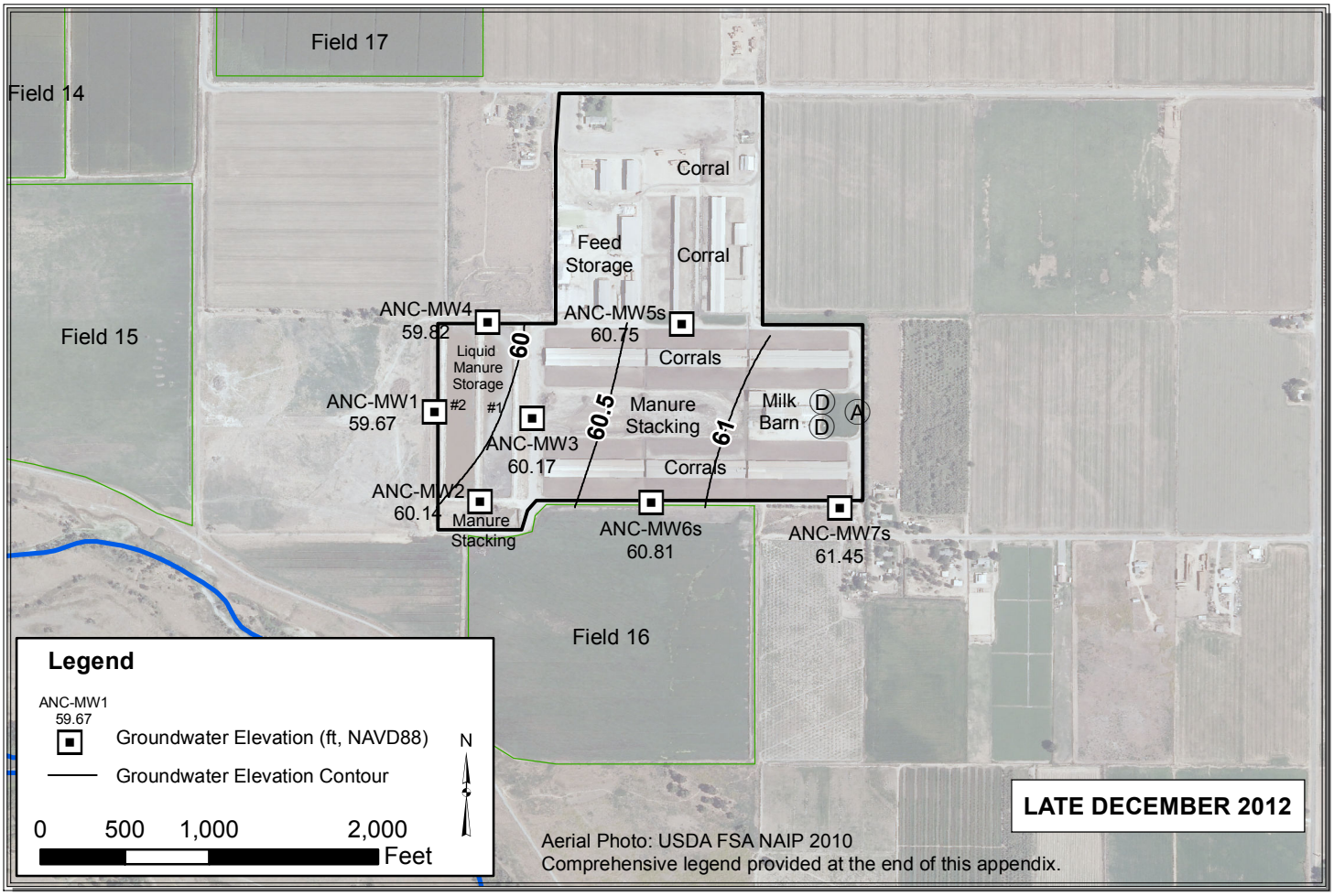

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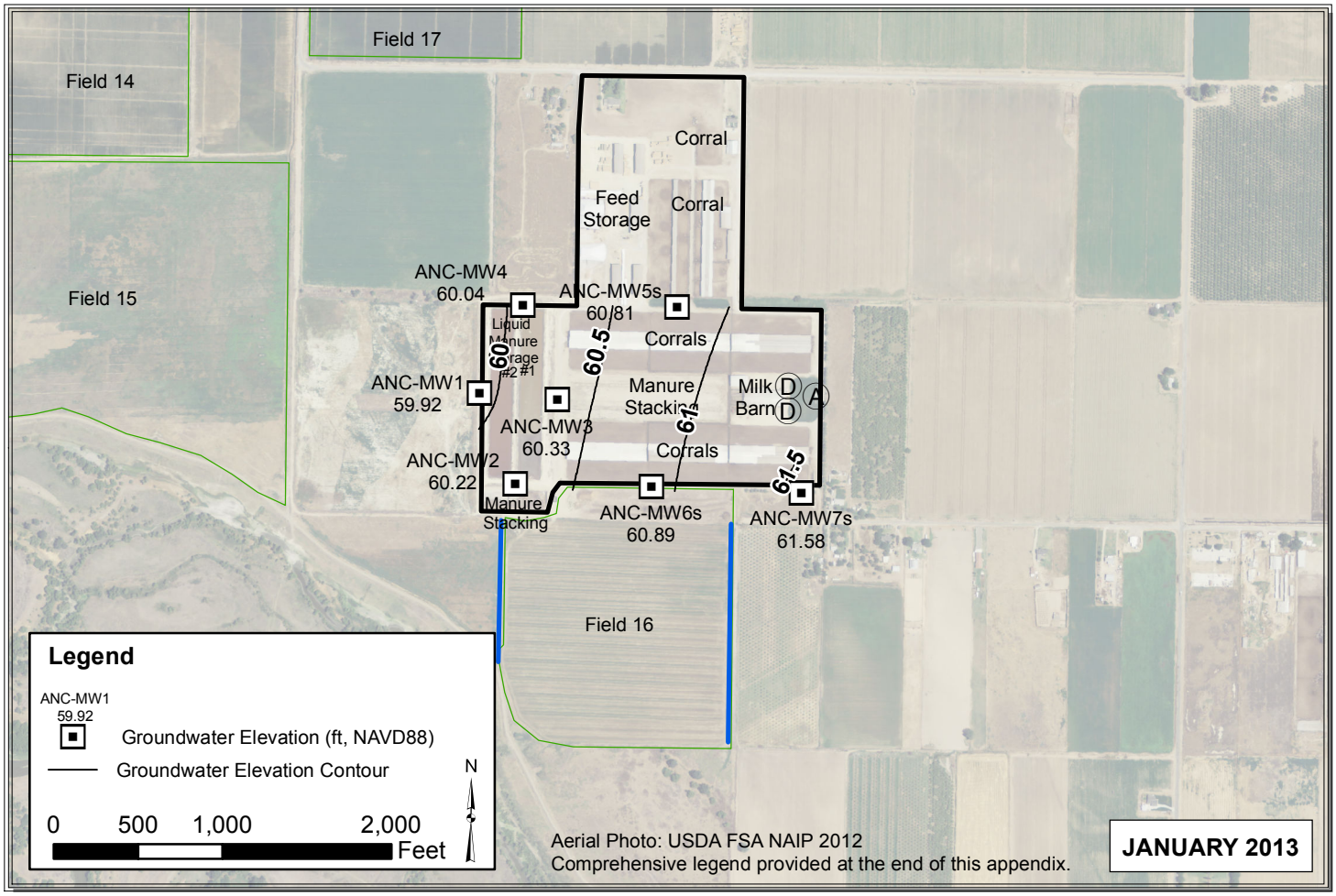

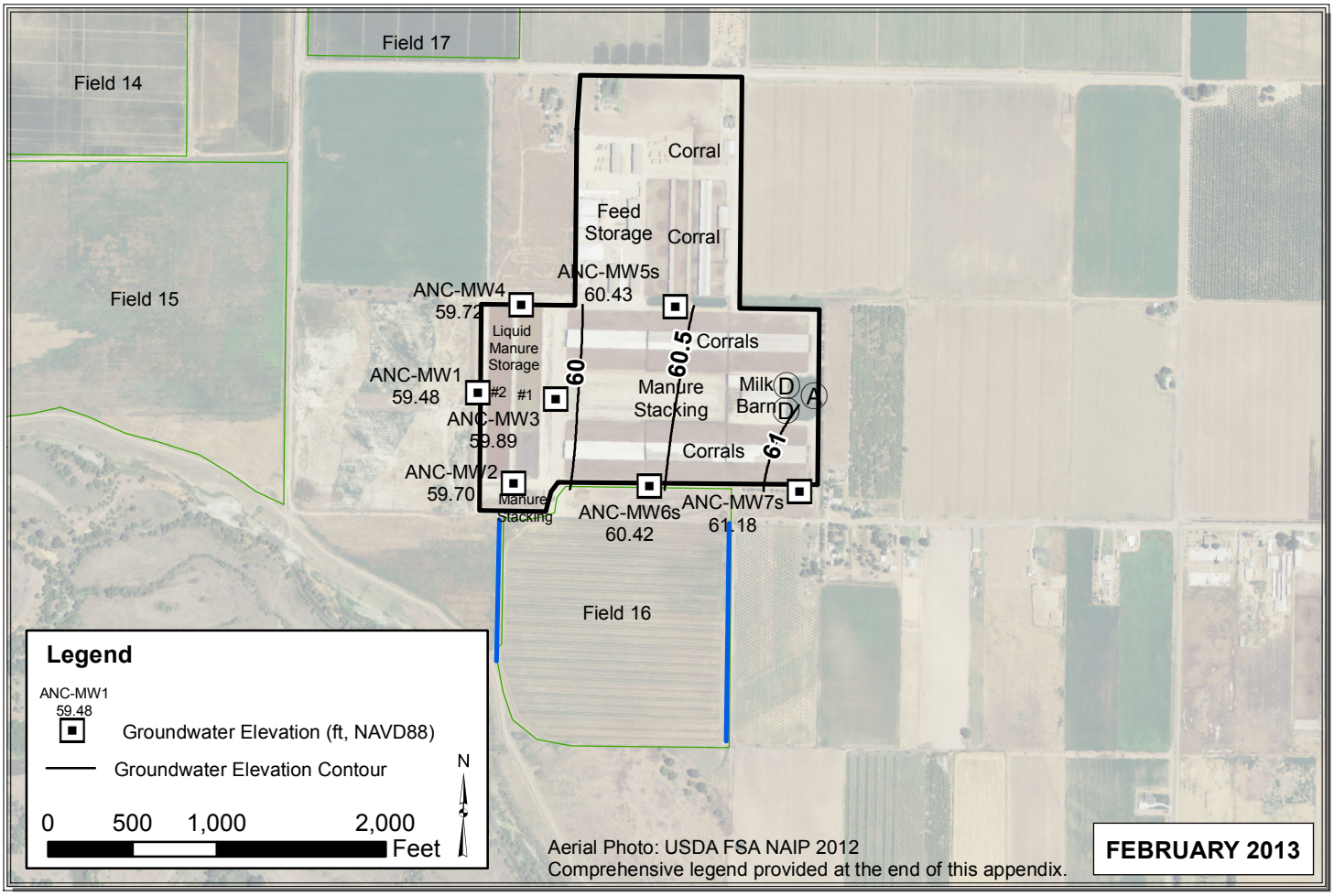

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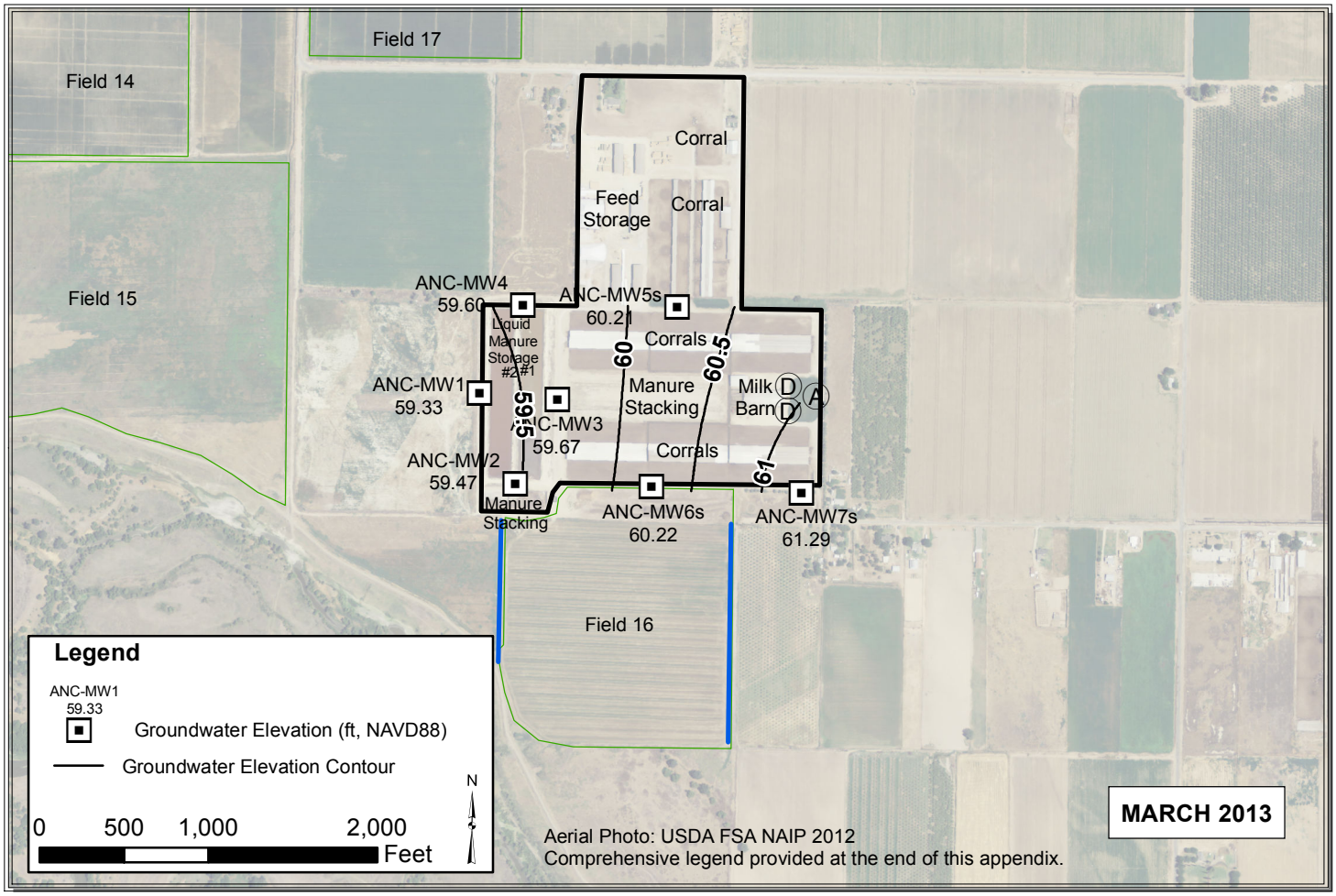

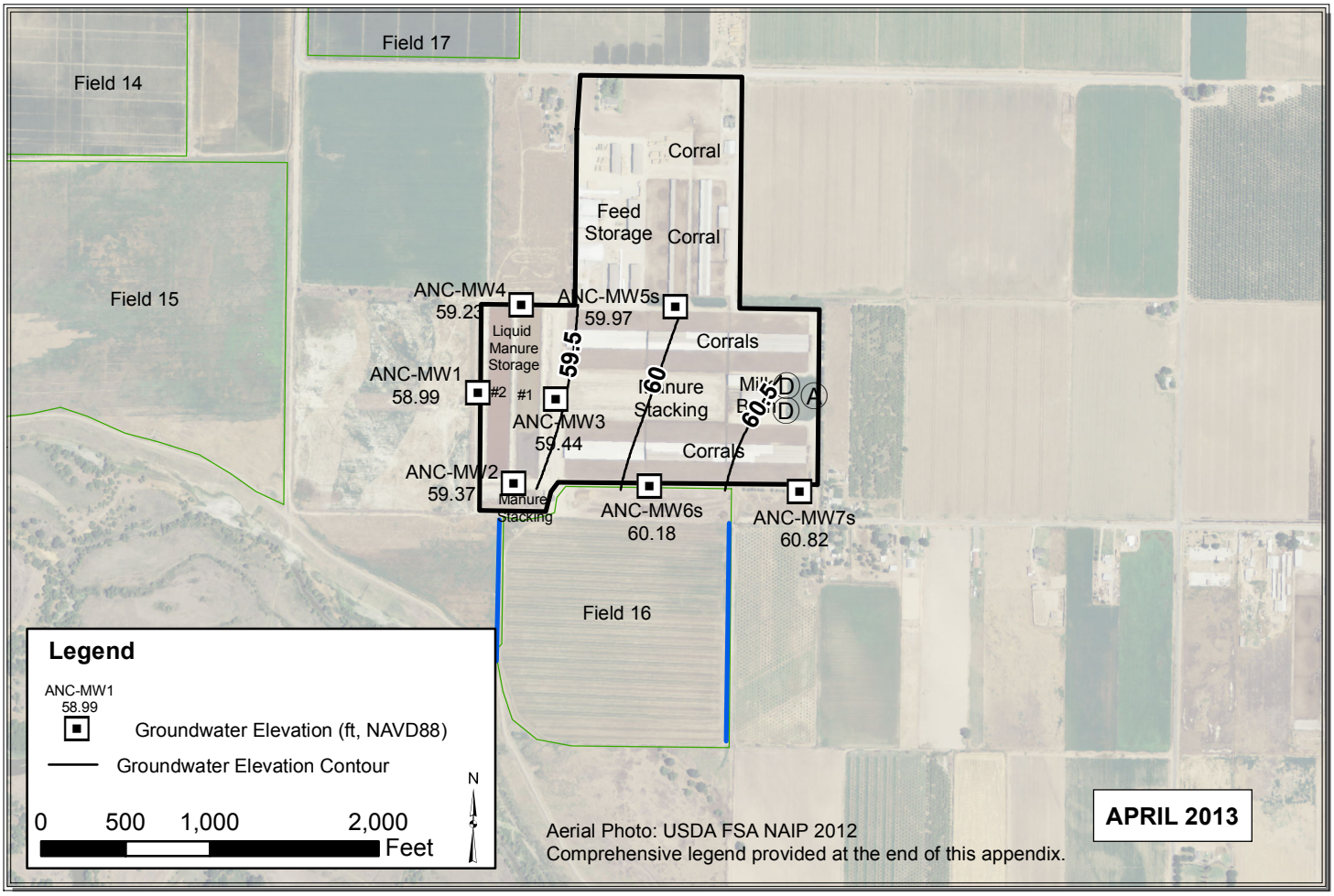

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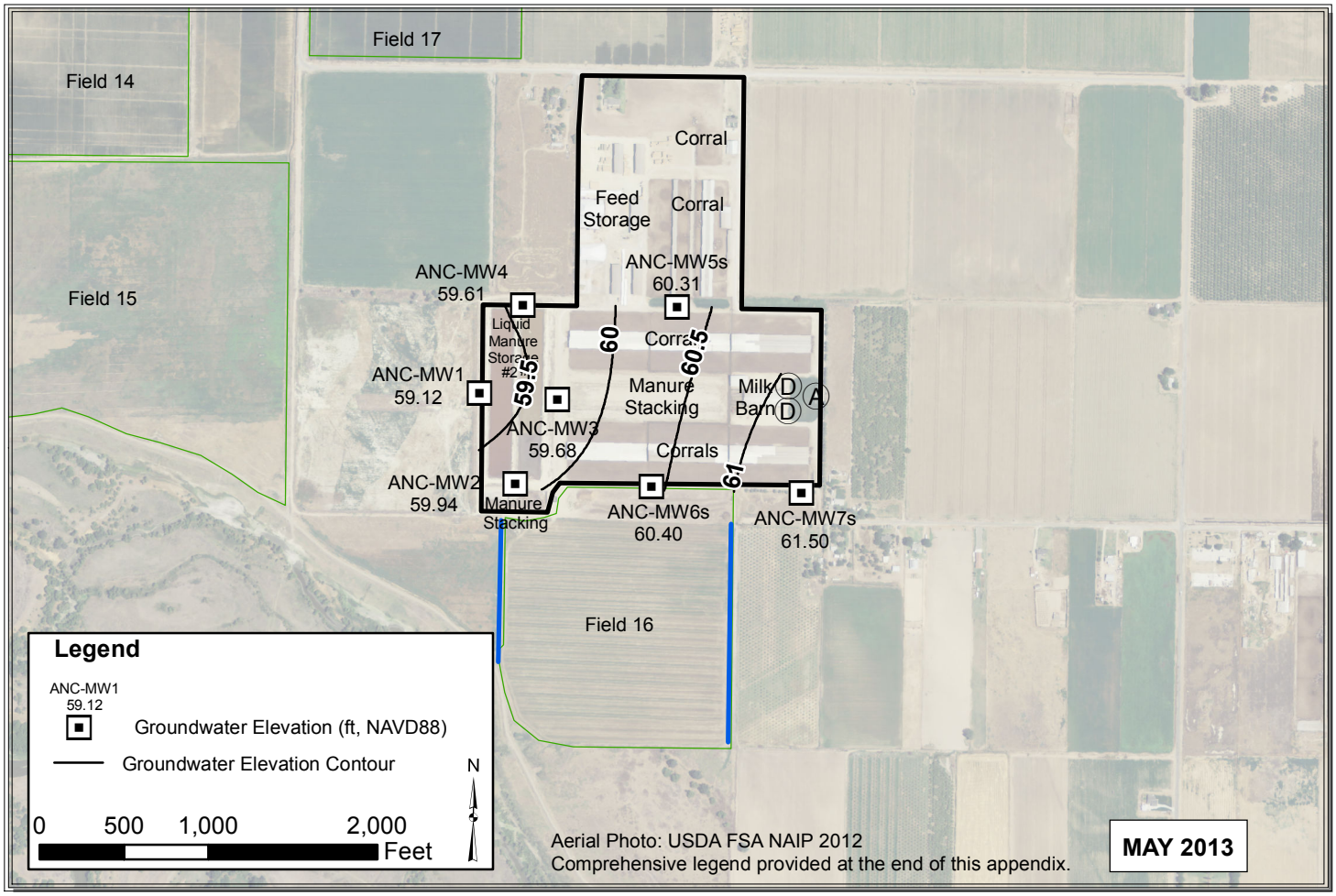

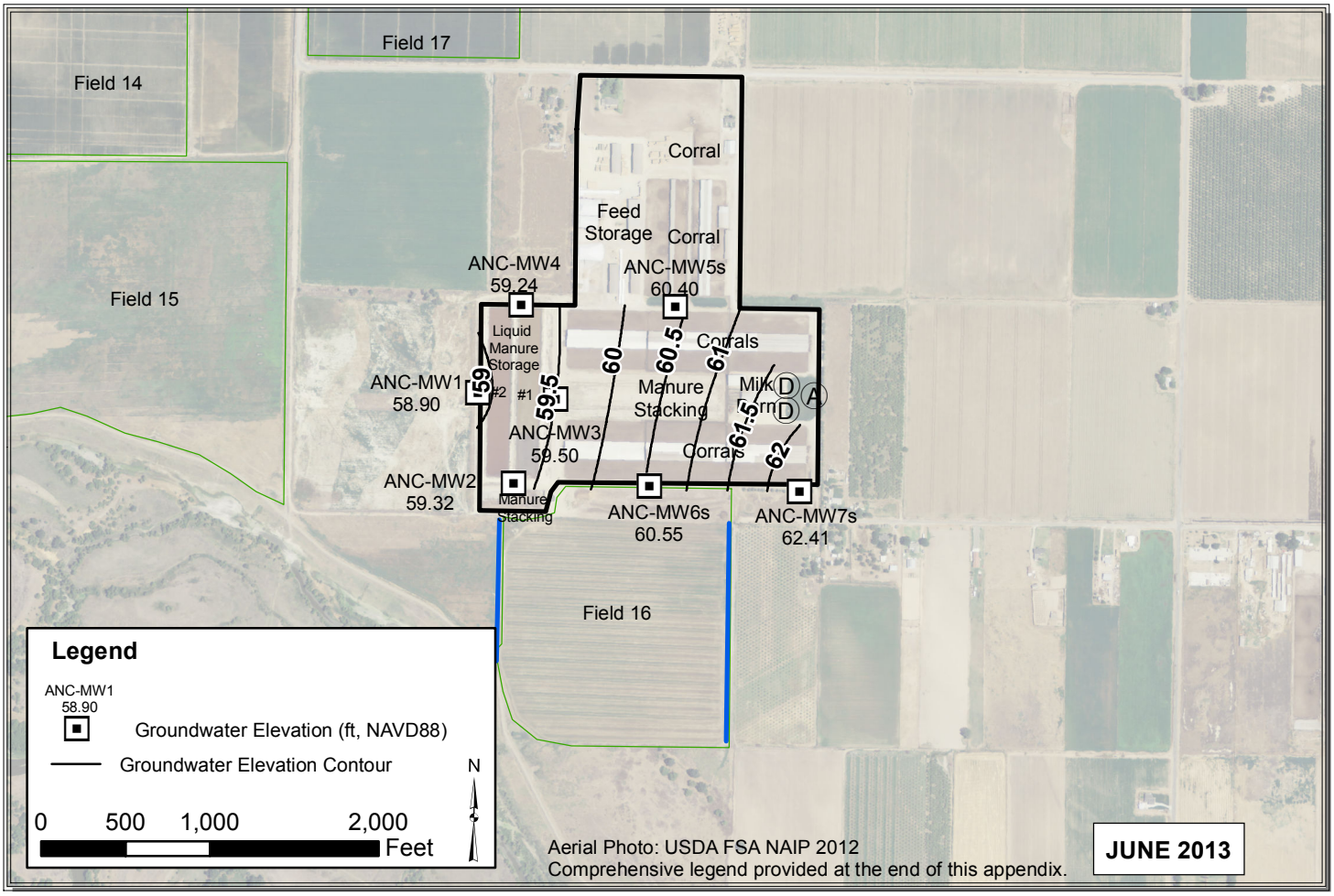

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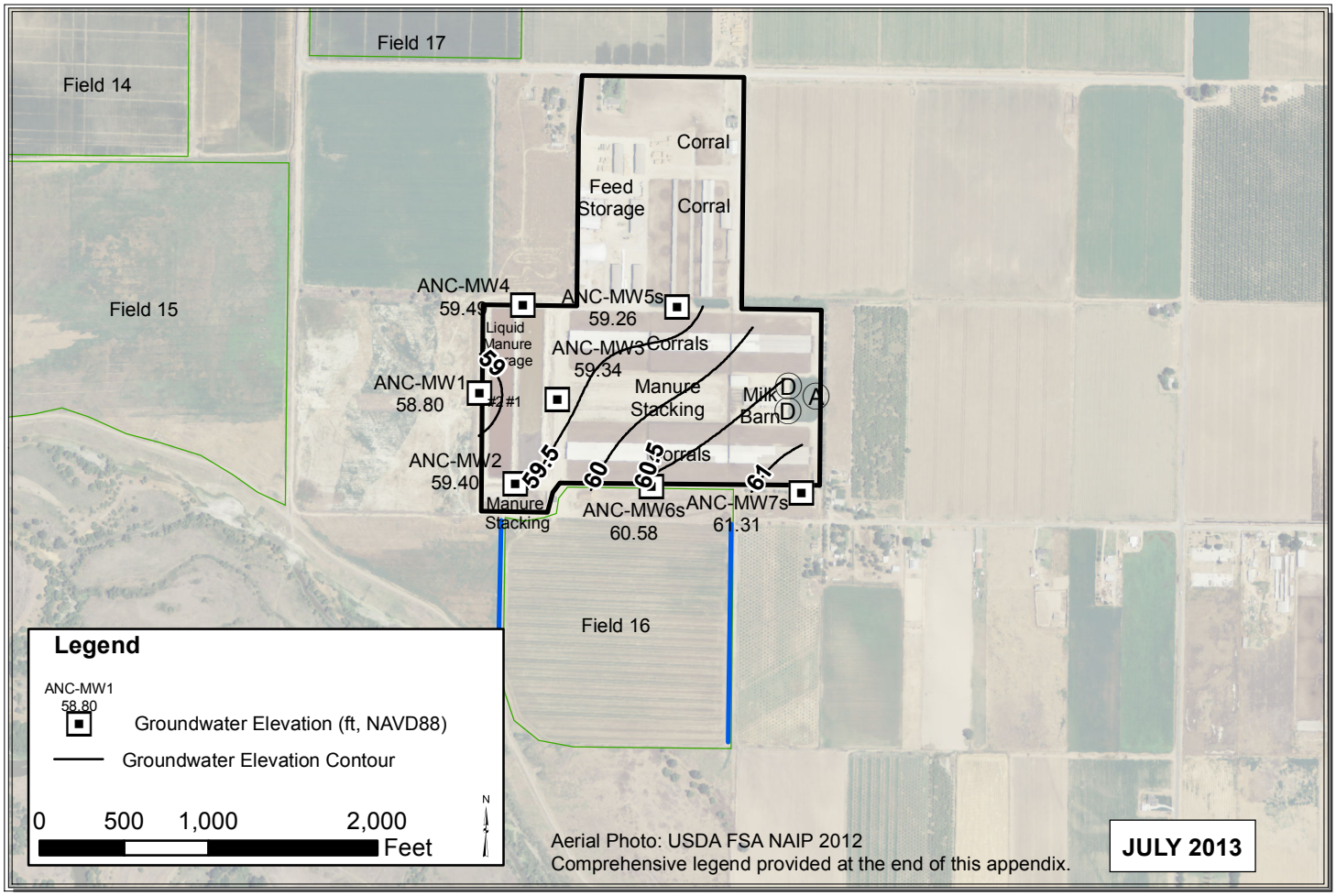

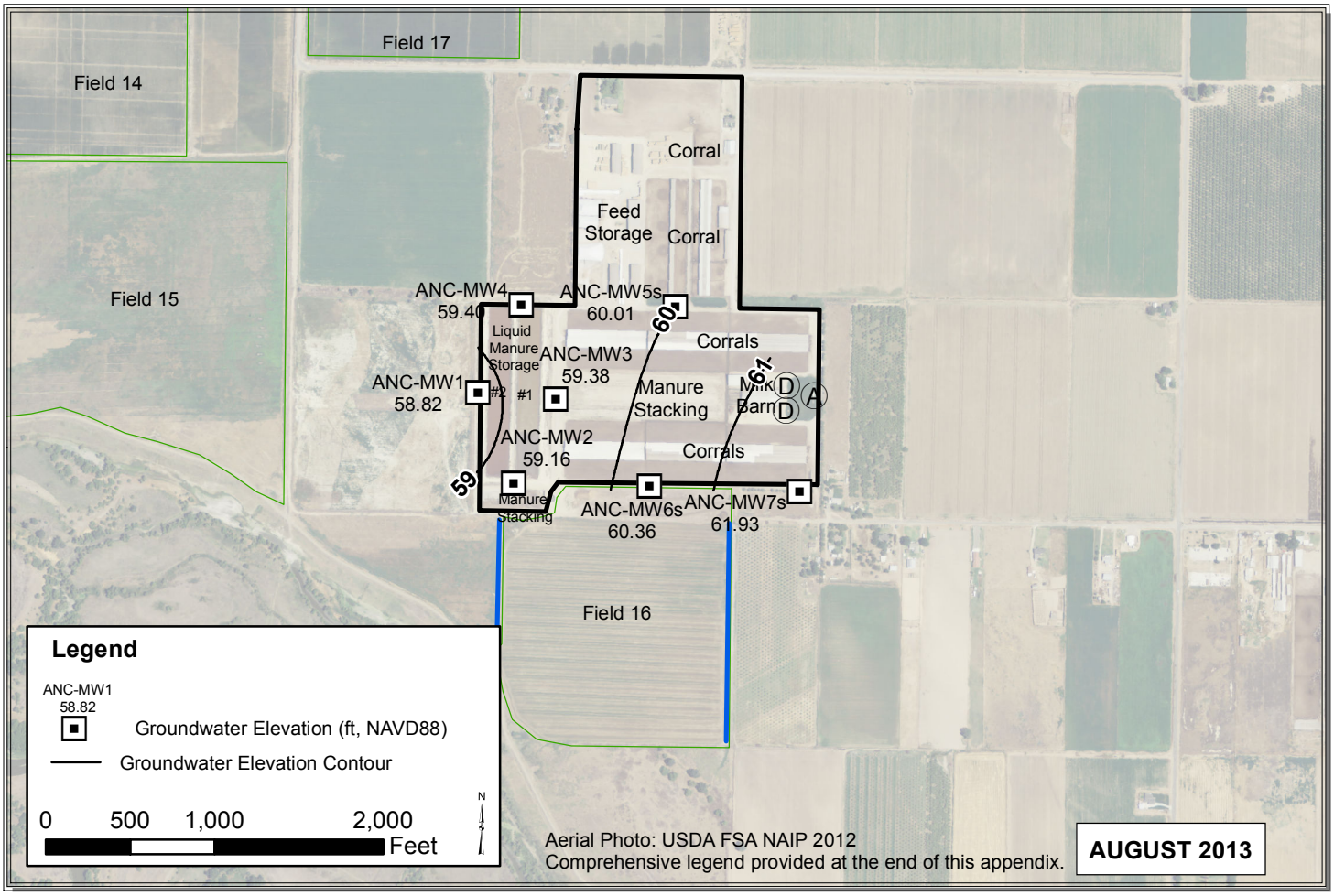

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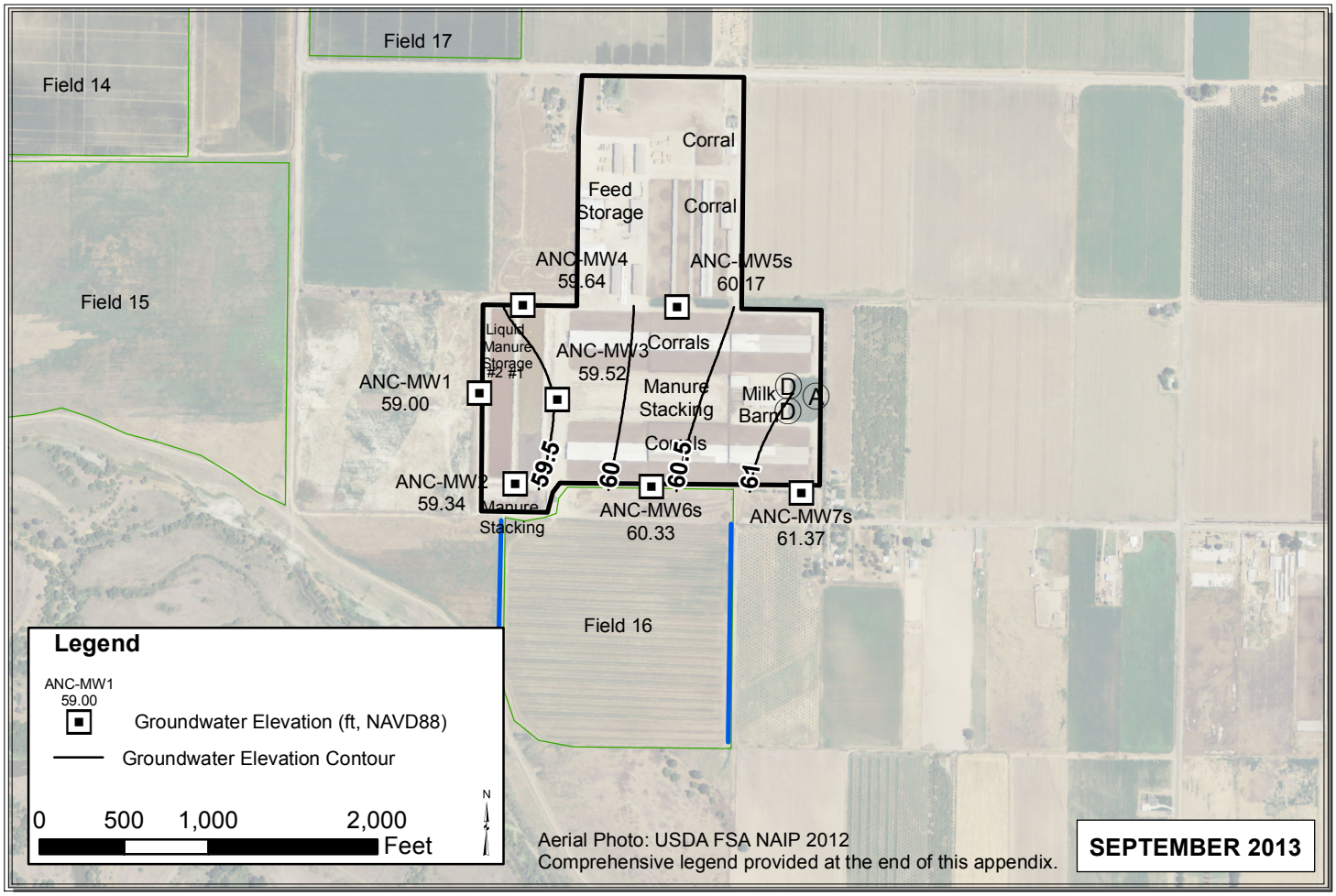

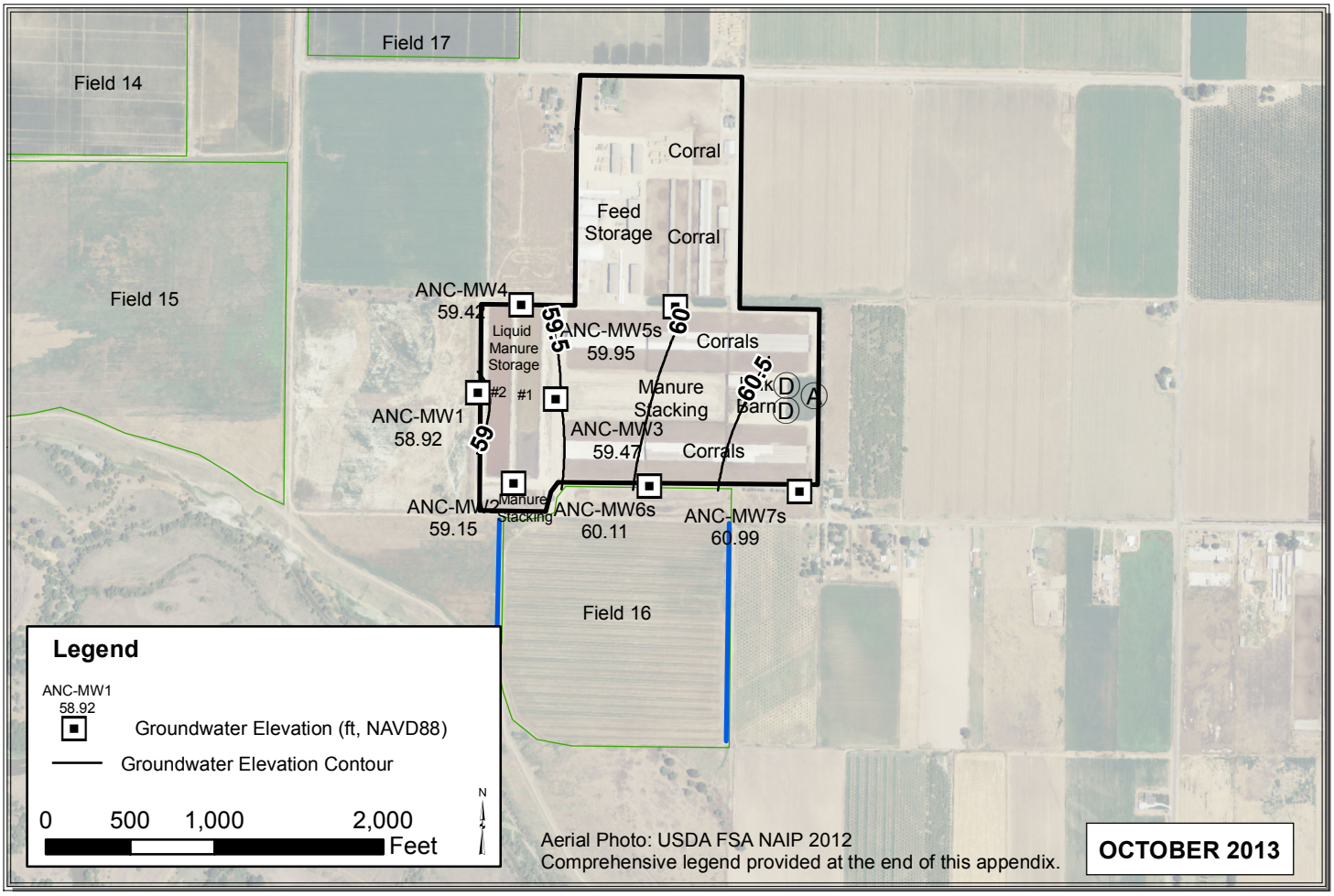

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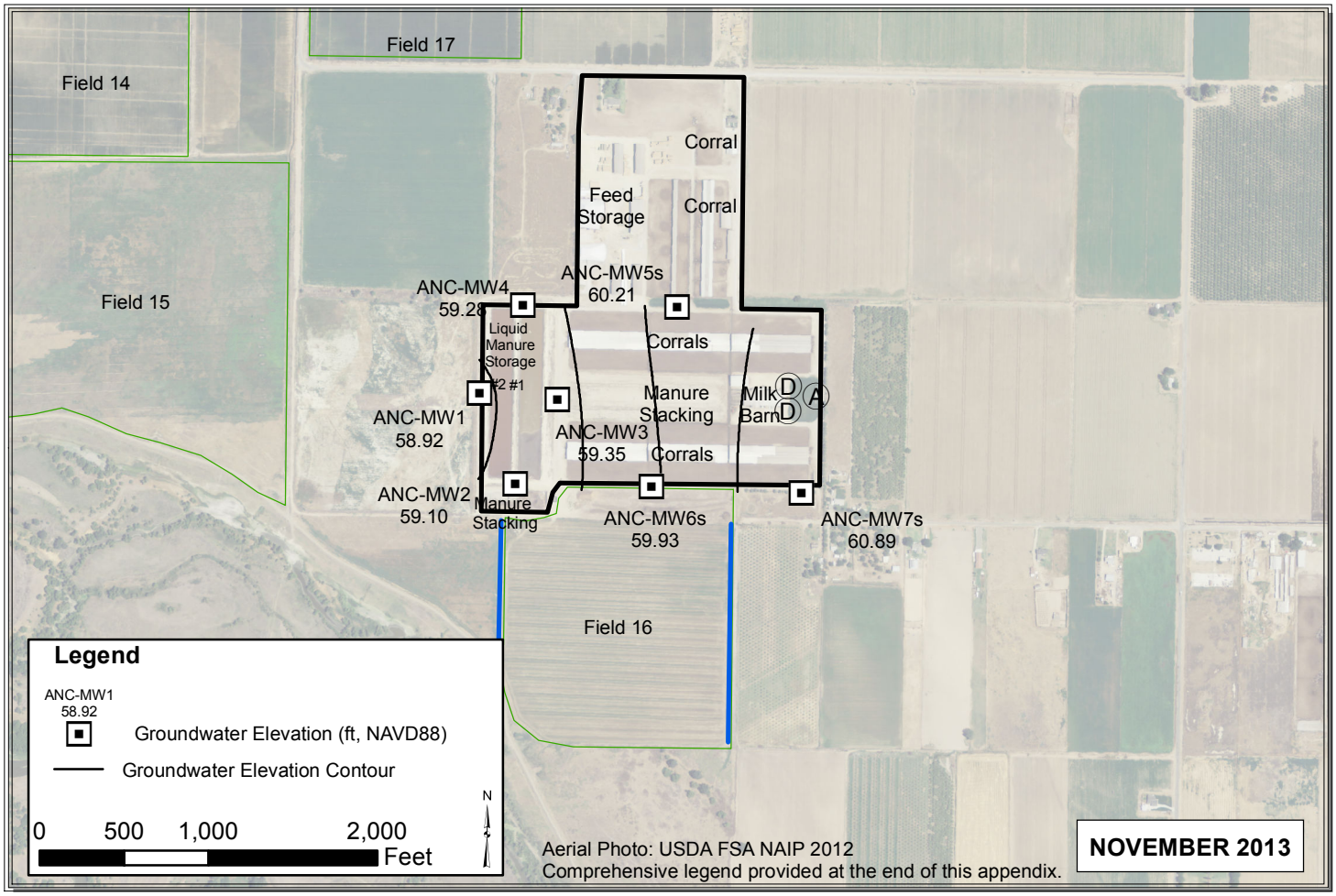

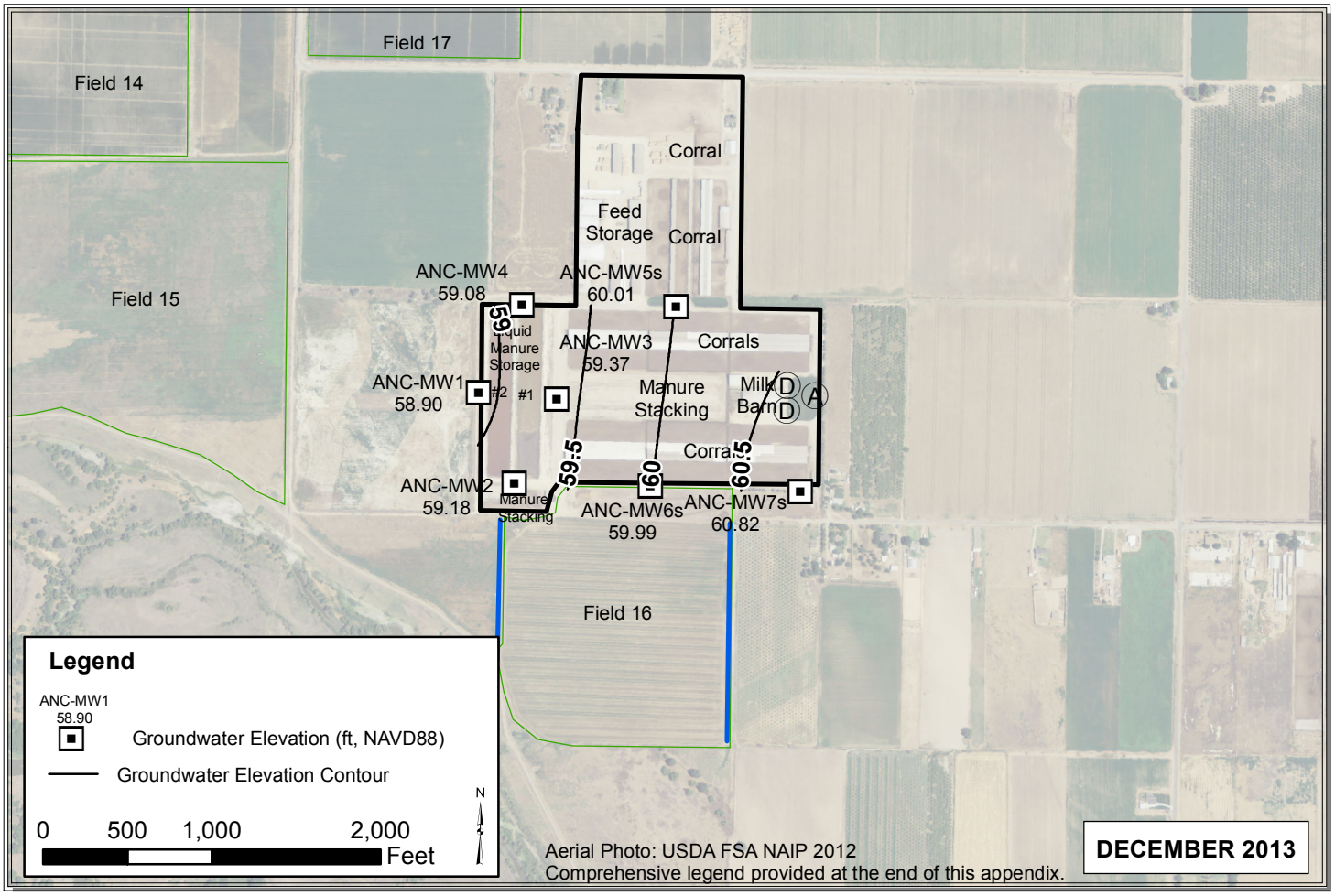

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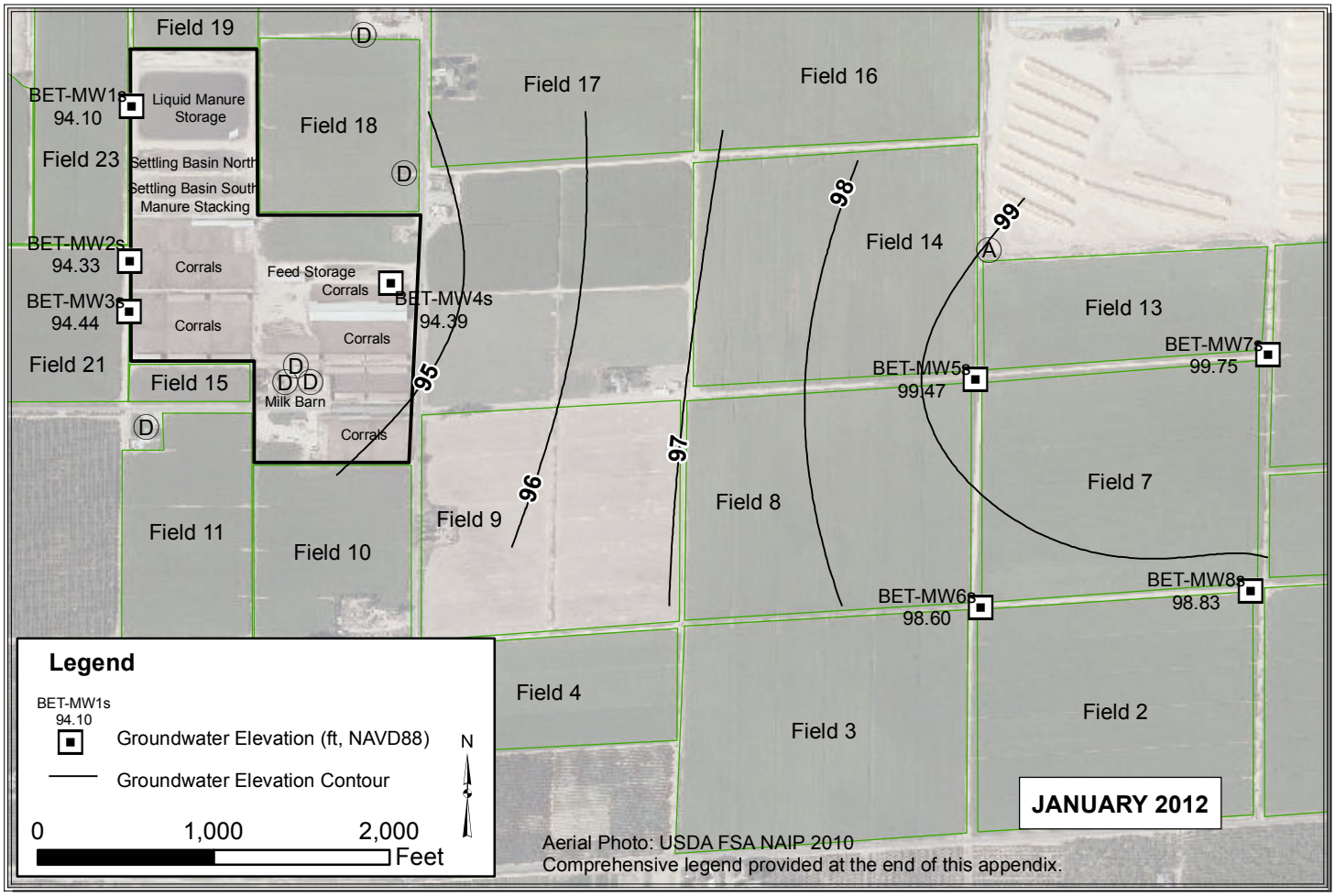
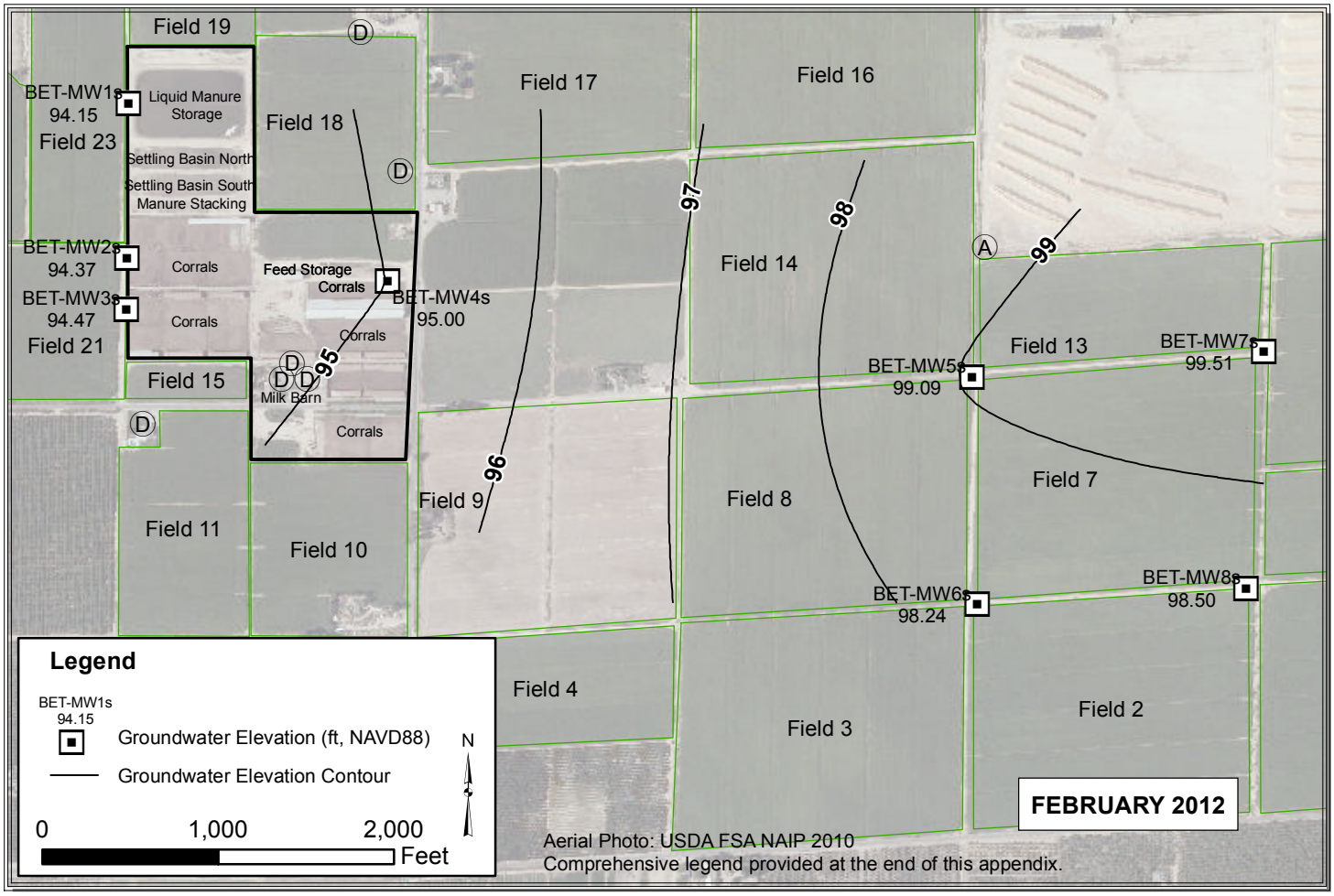
BET





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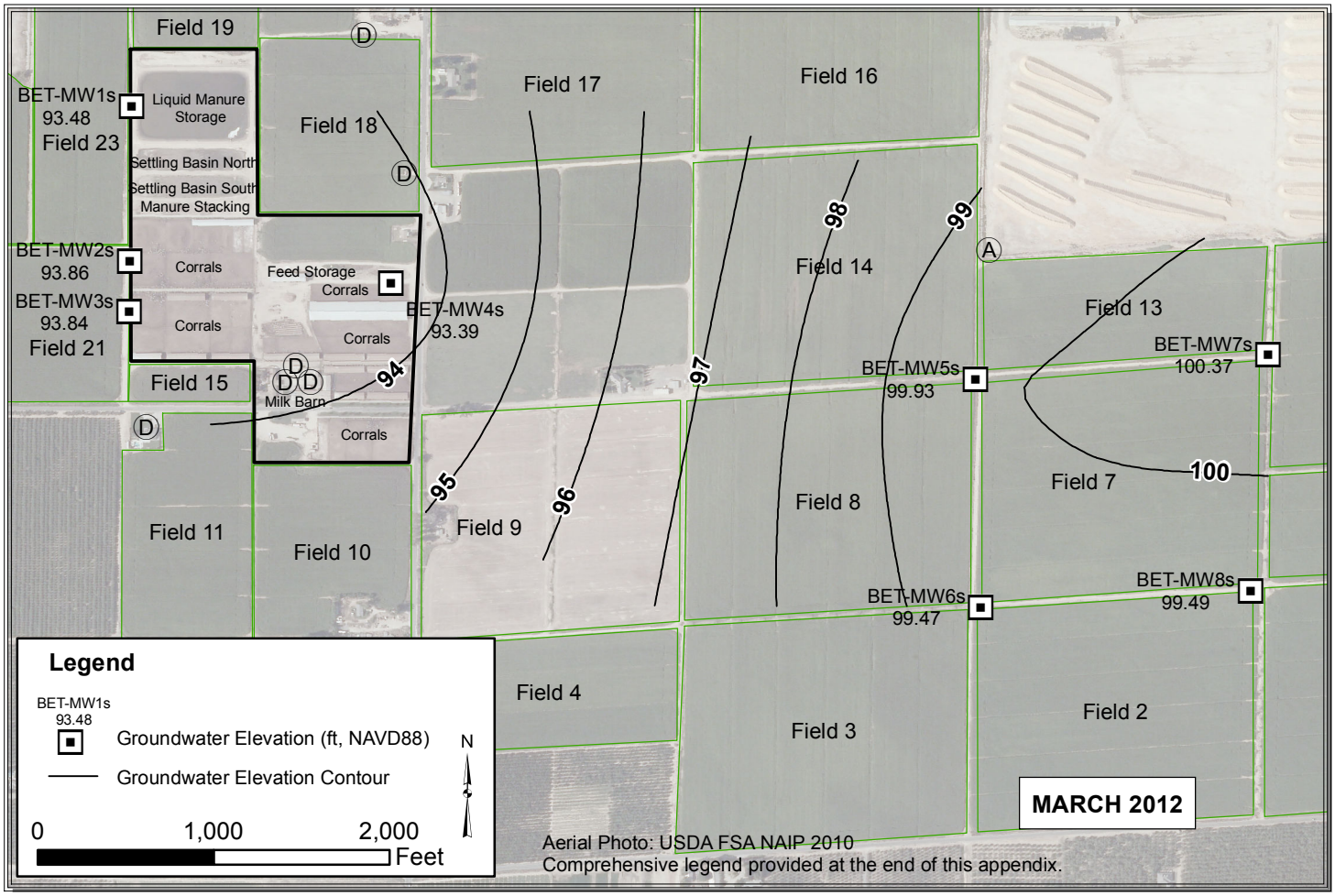

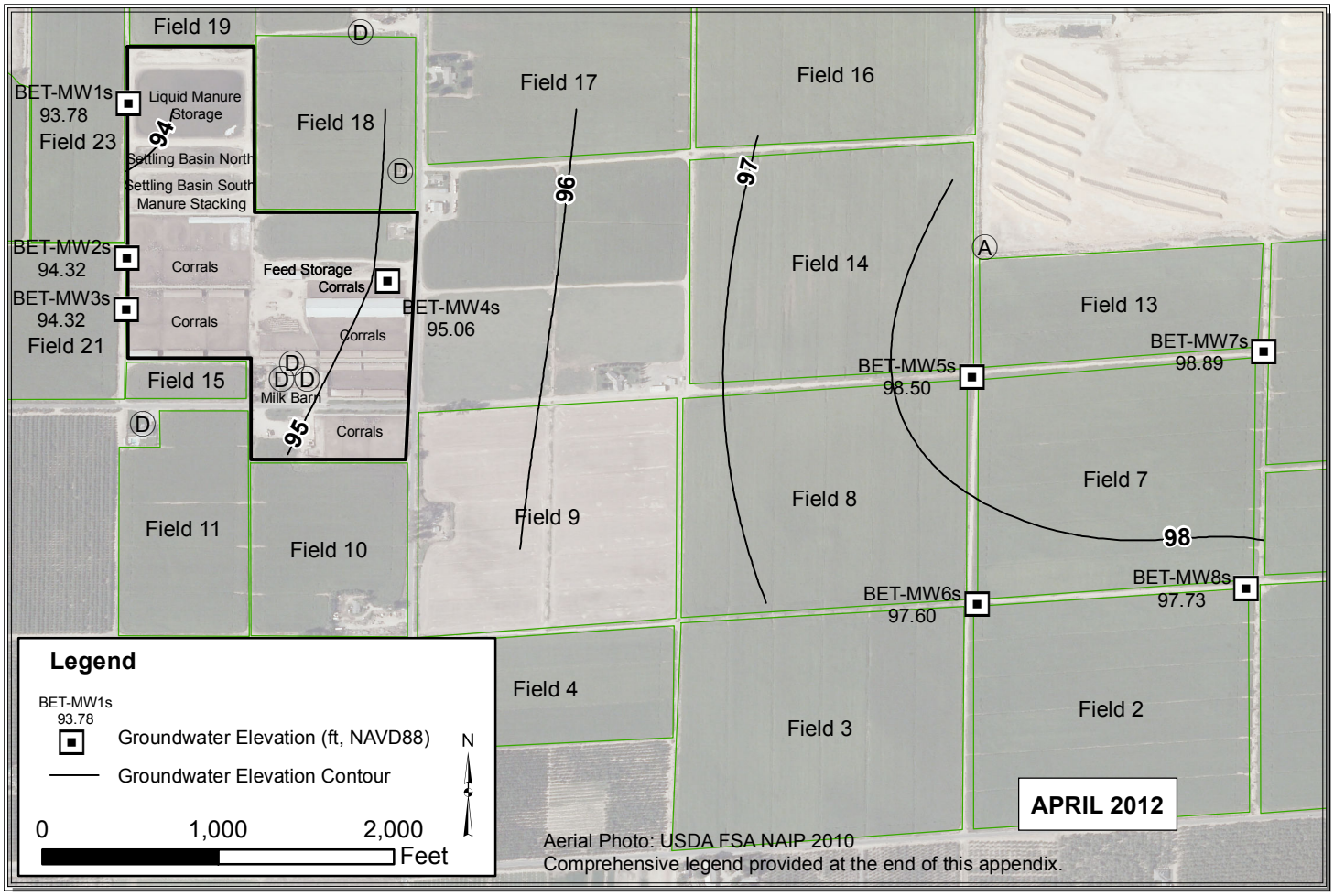

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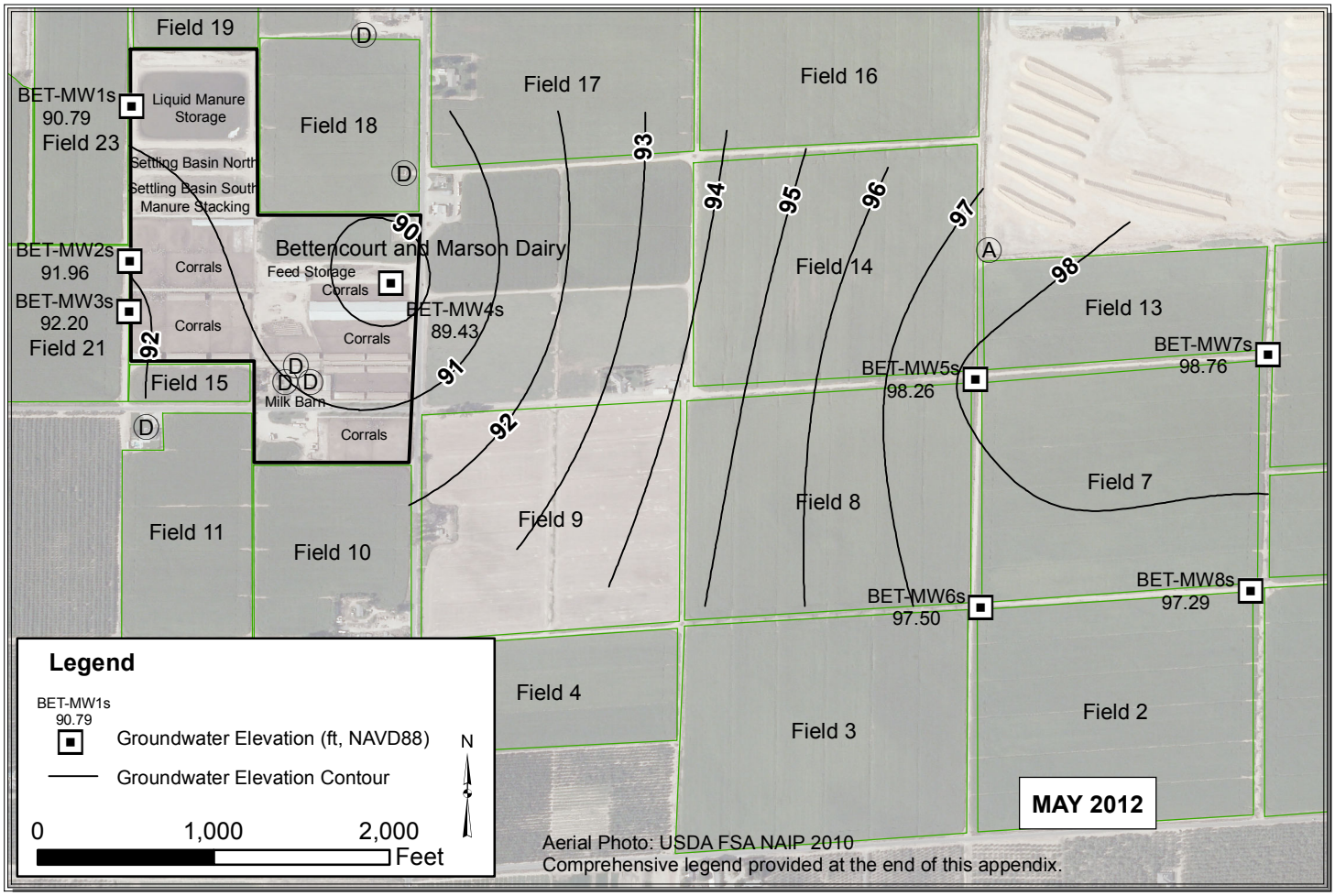

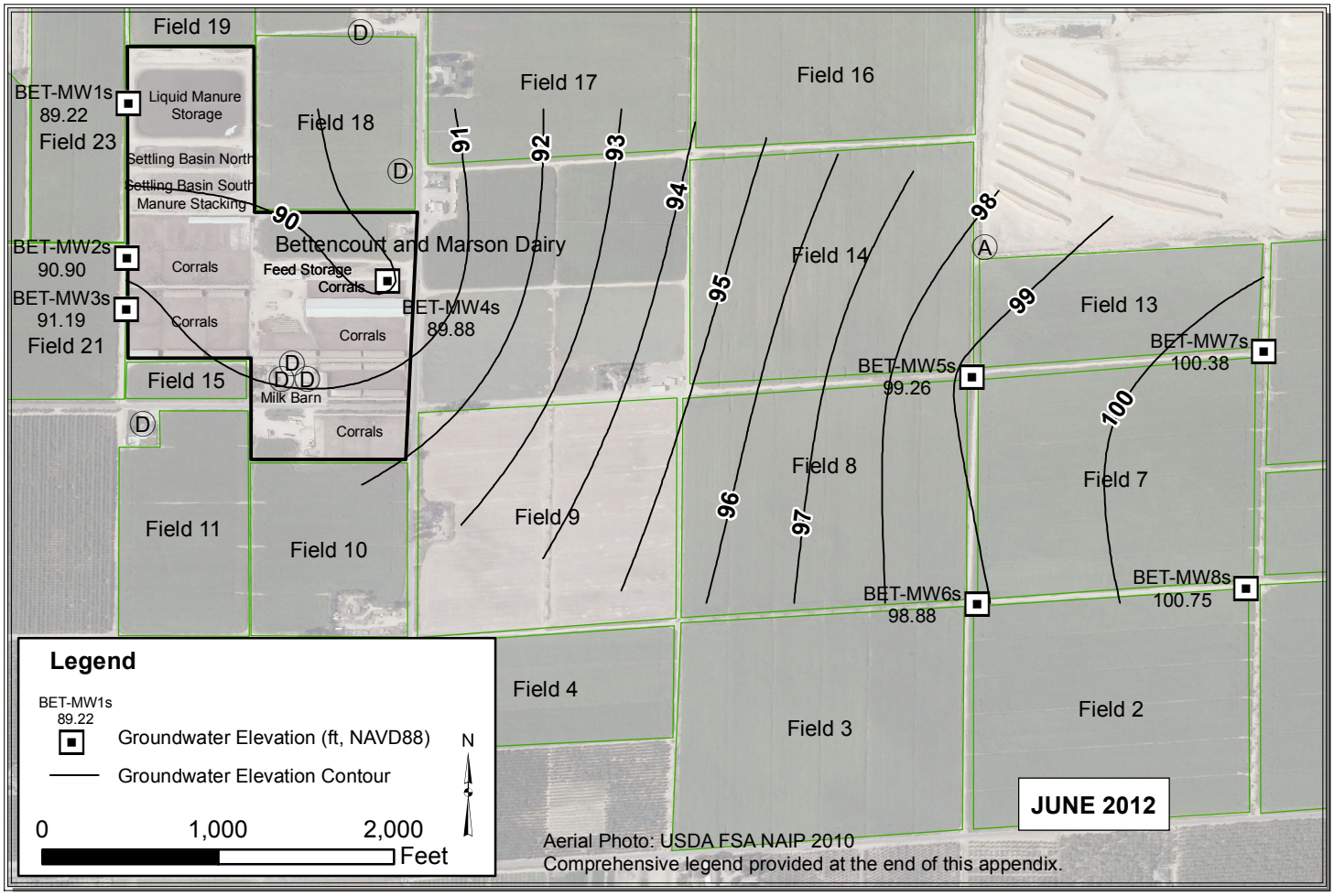

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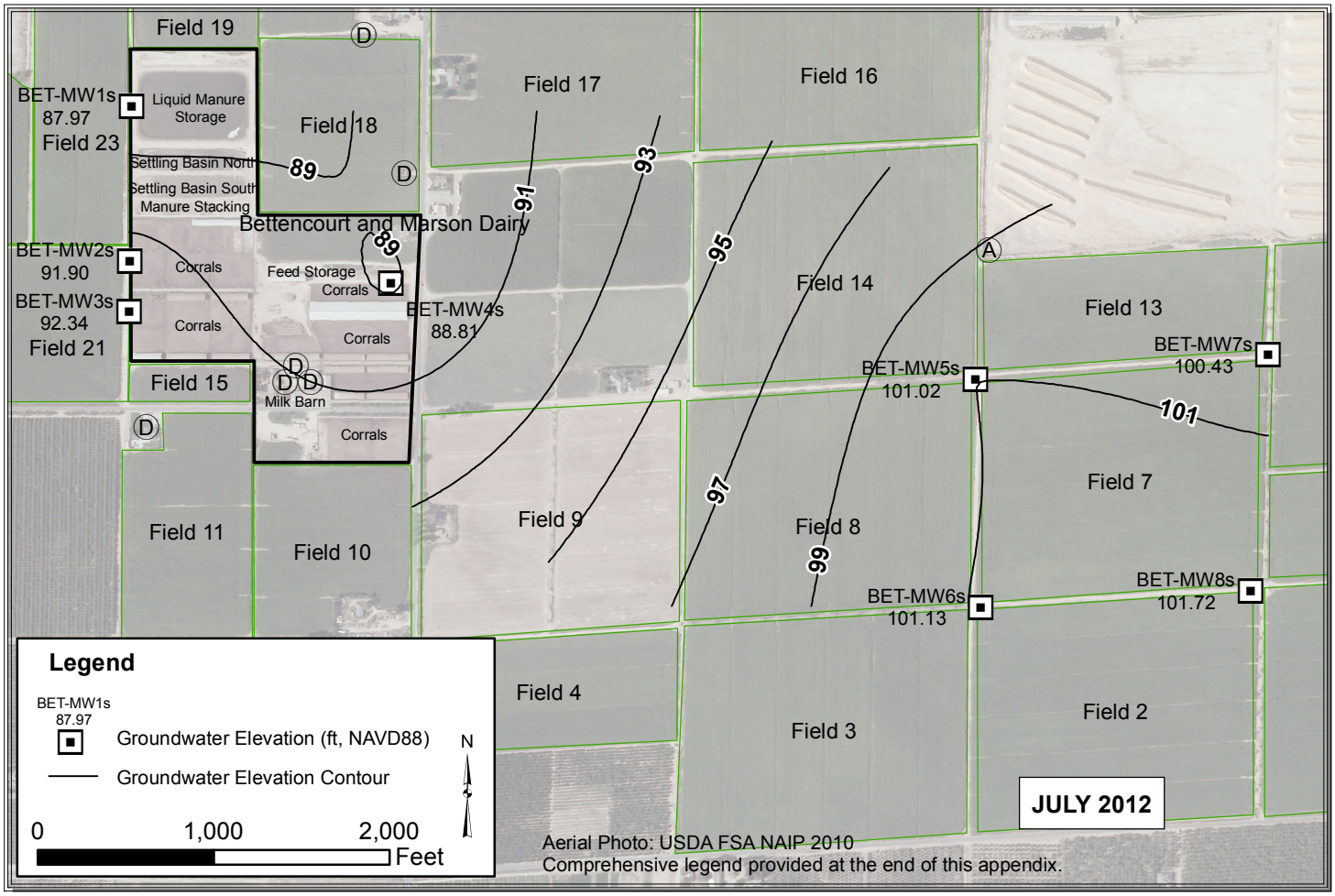

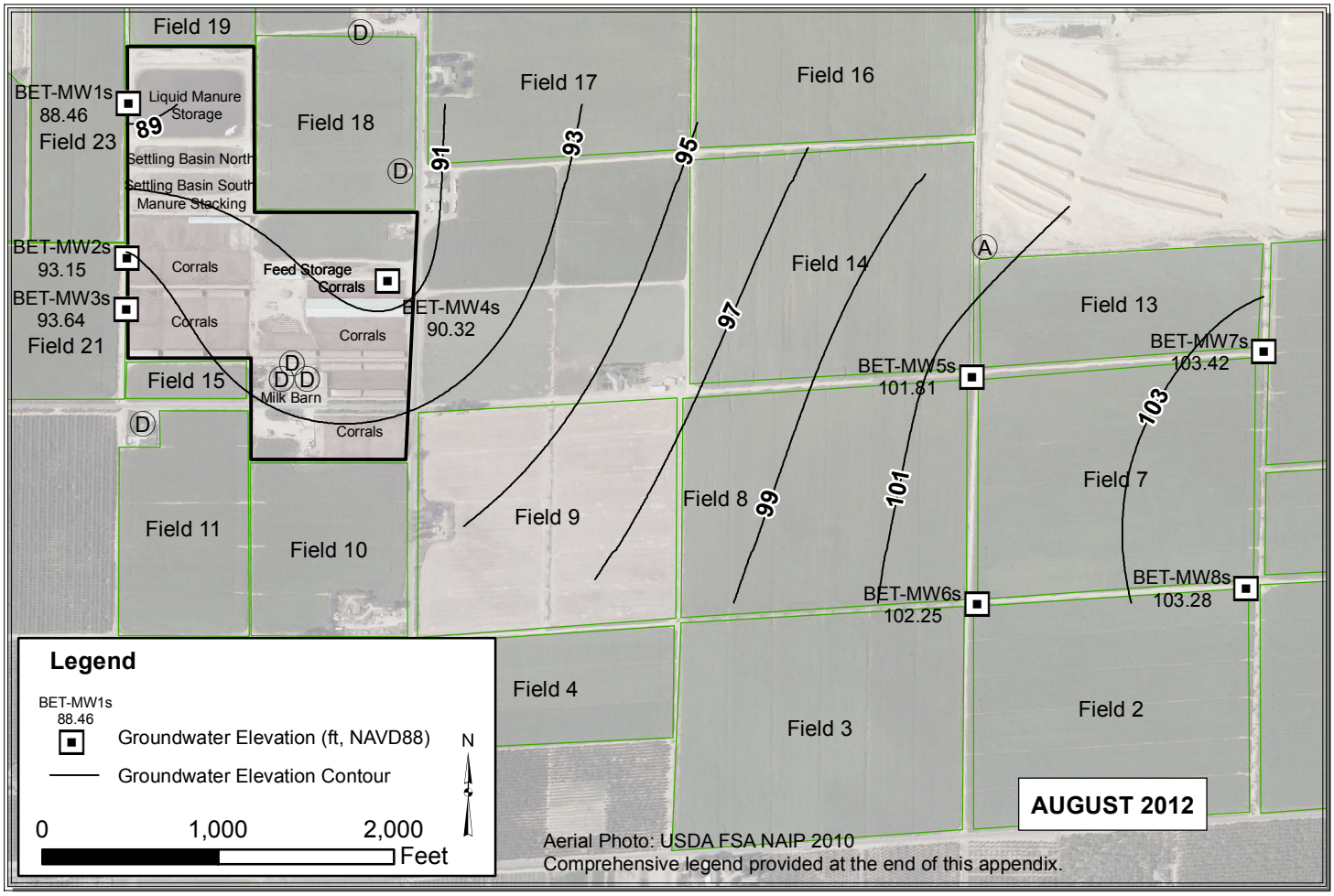

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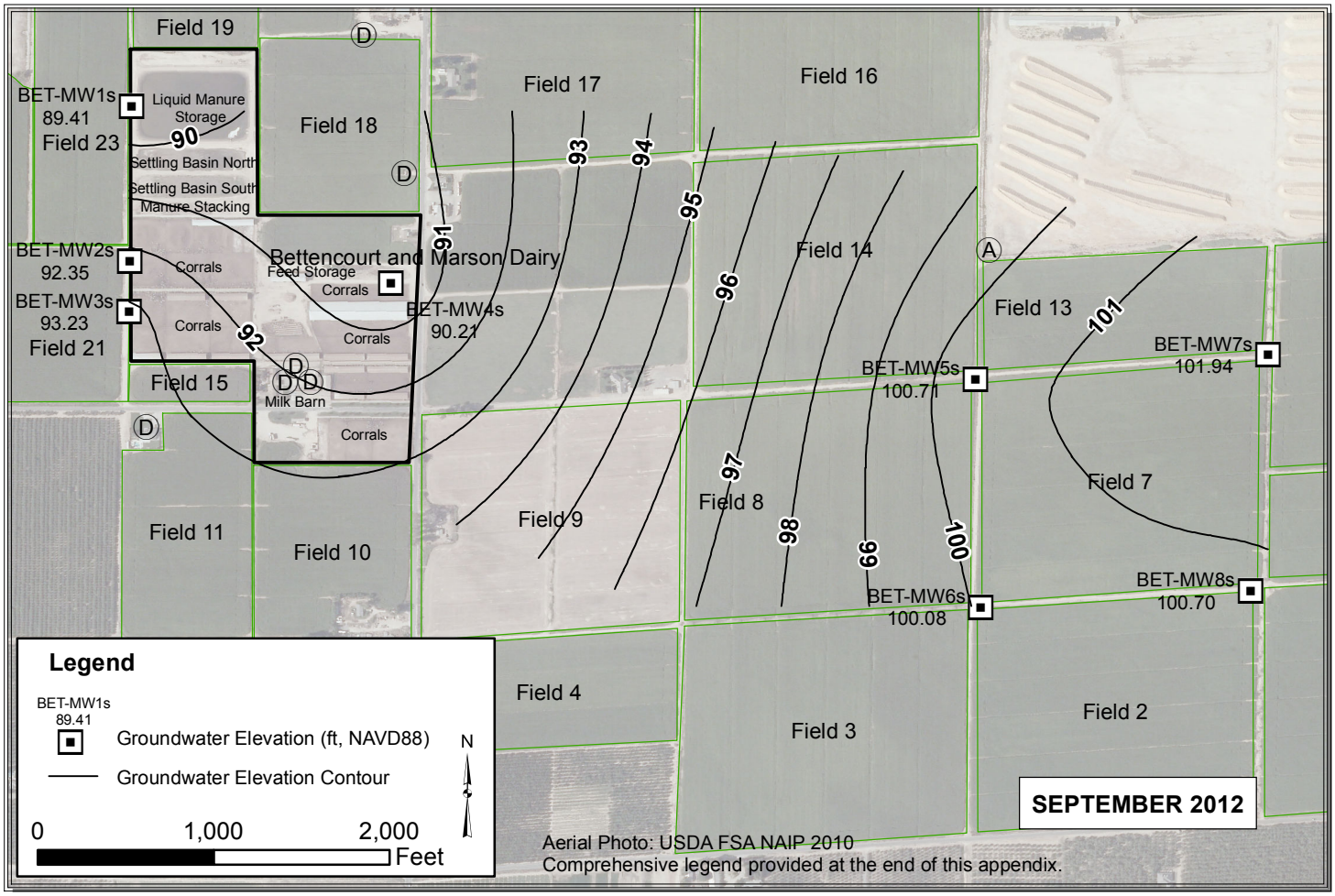

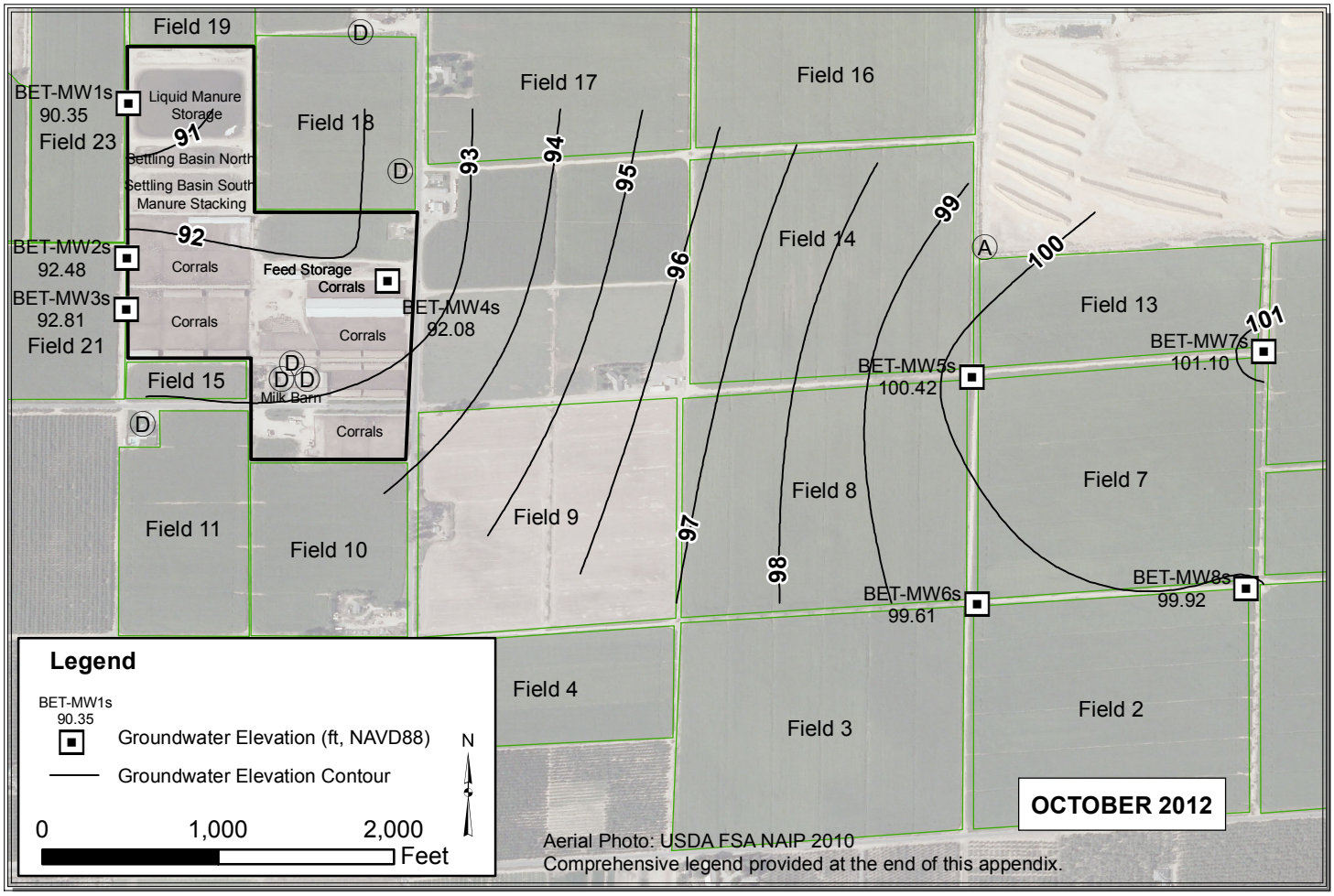

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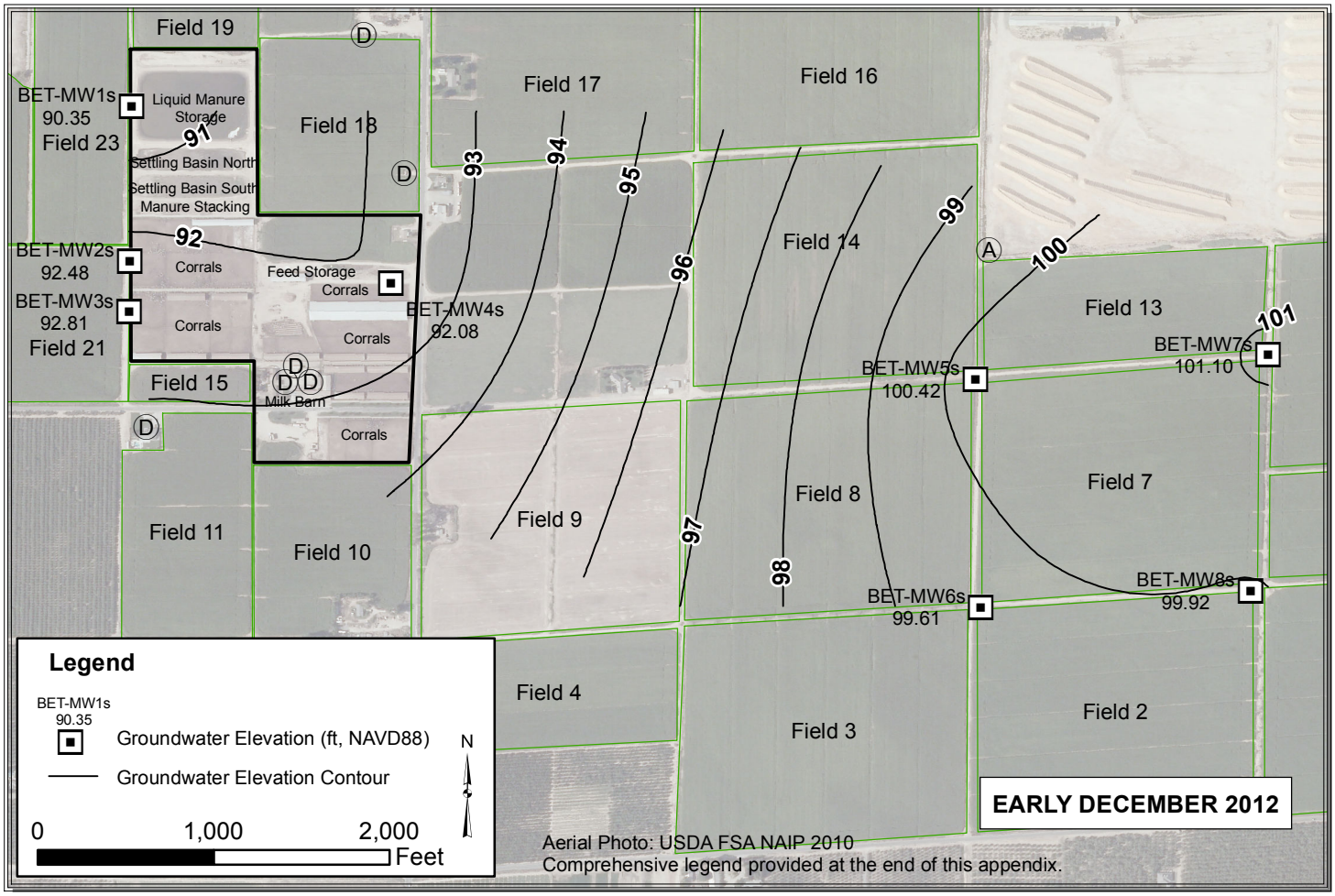

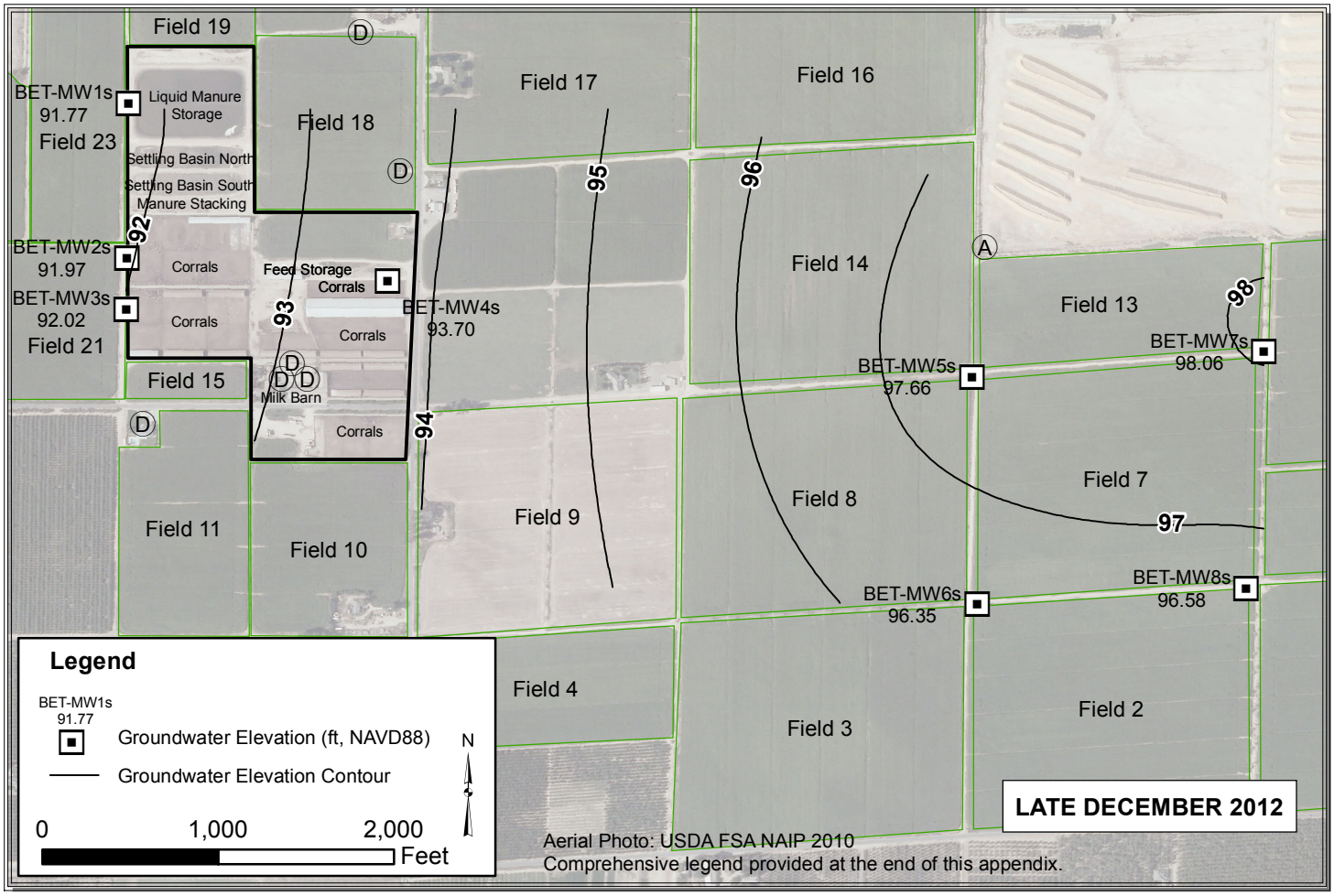

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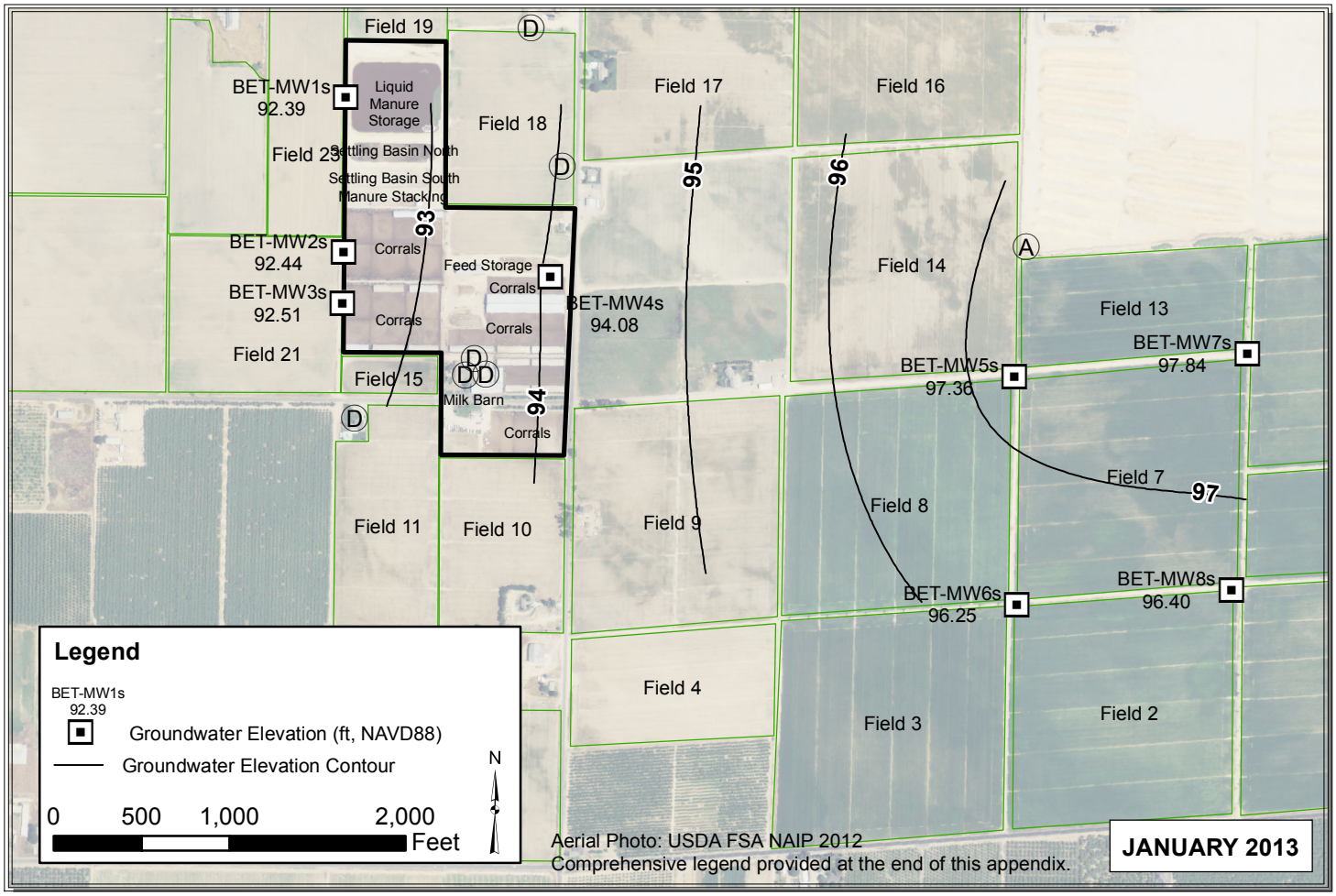

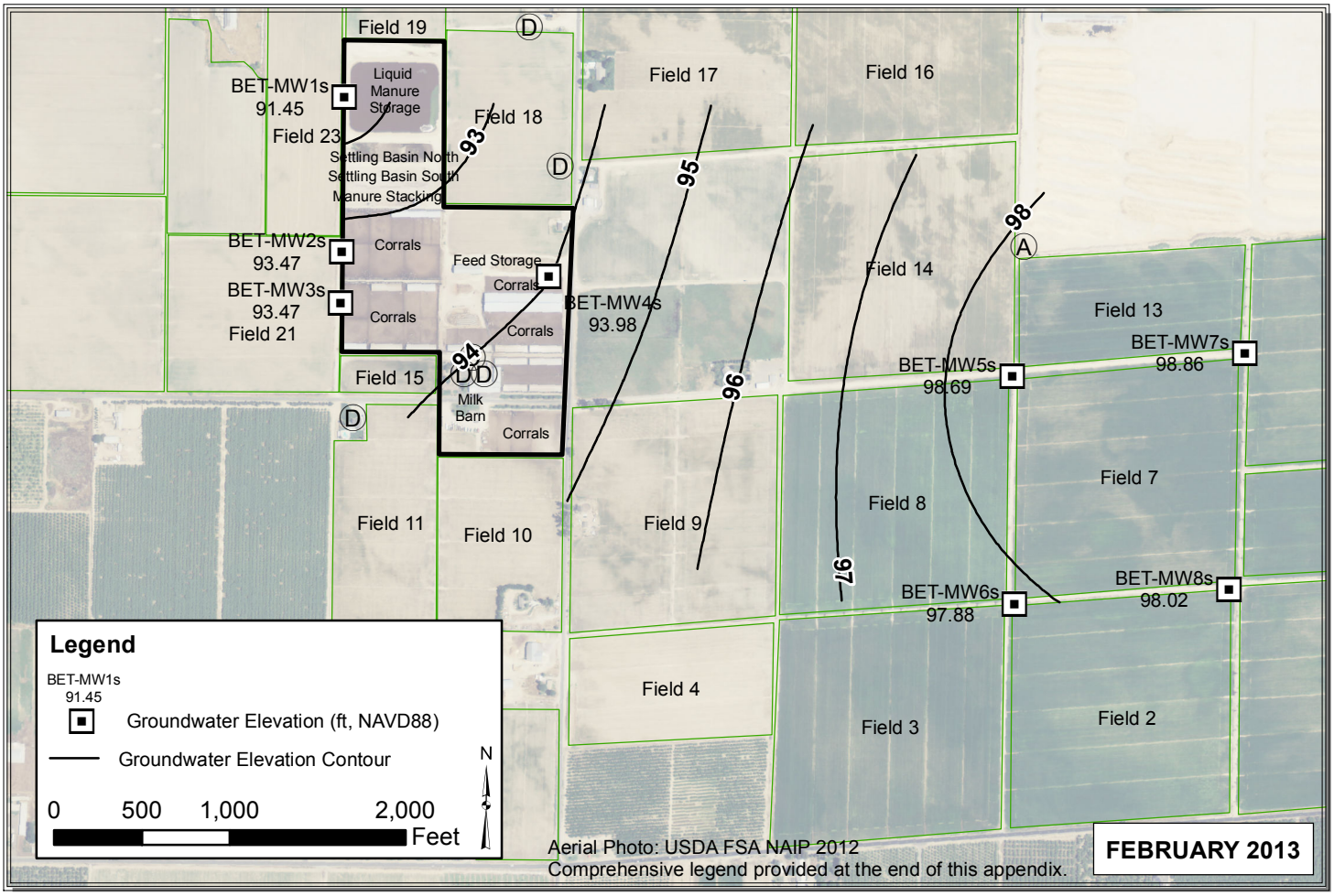

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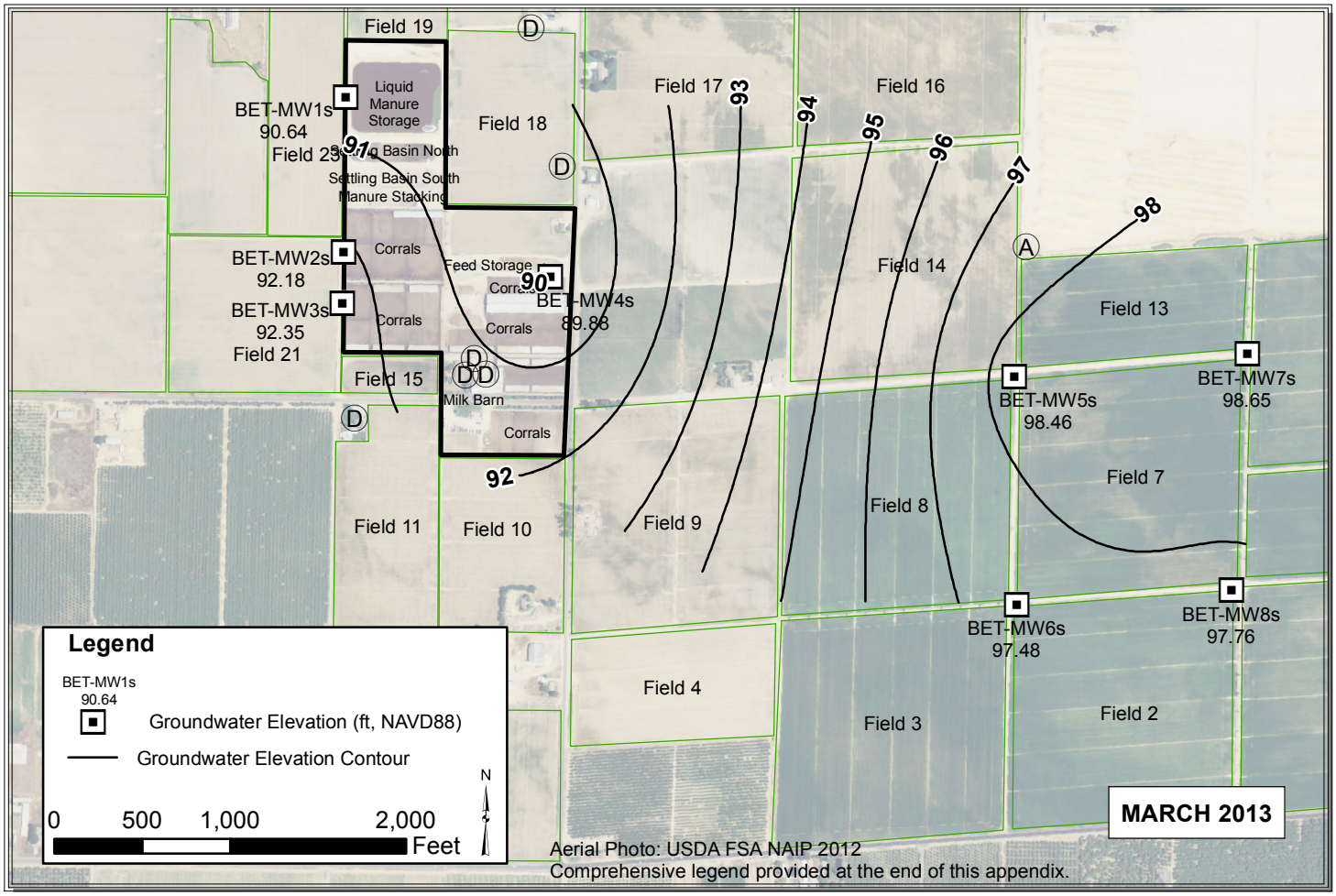

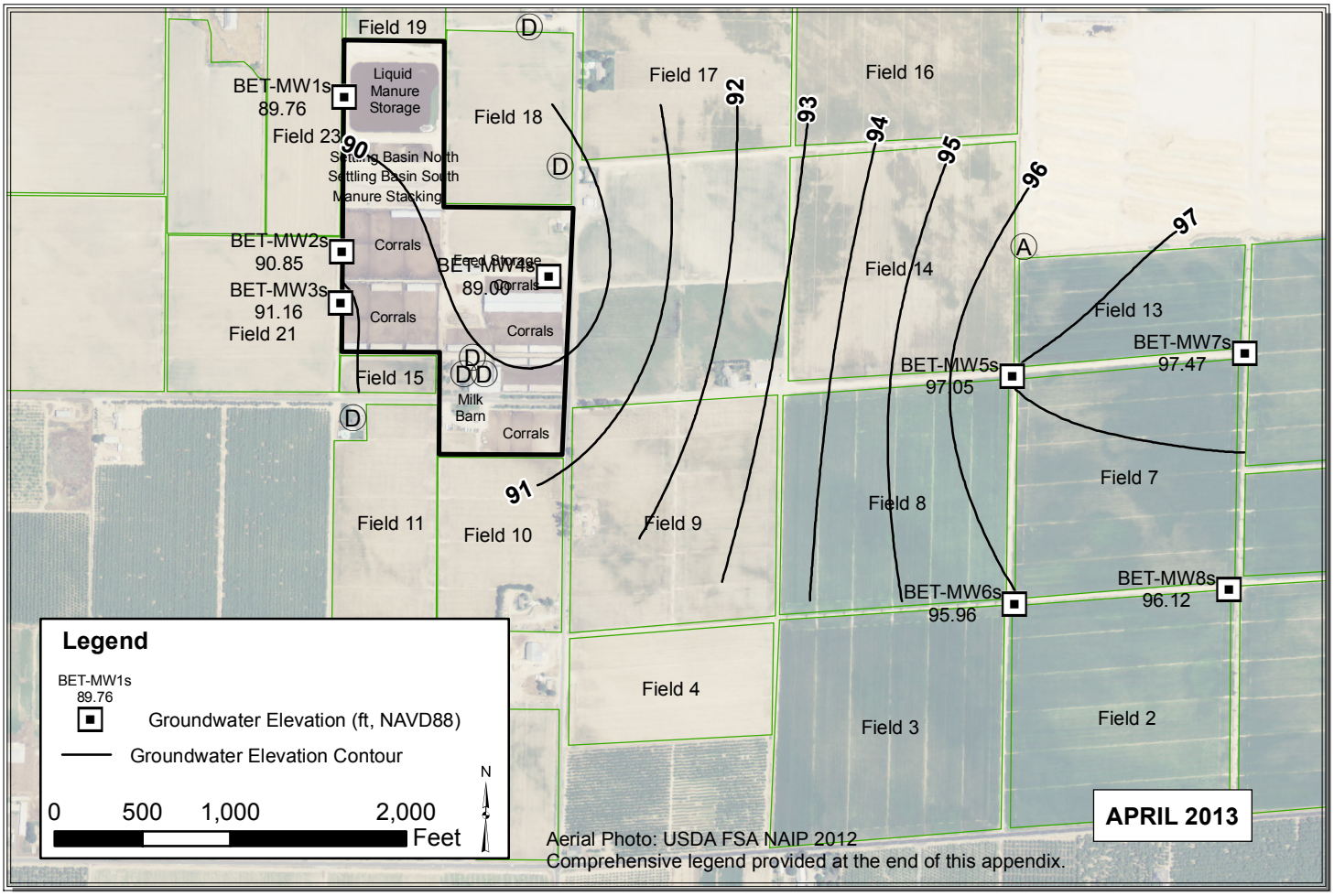

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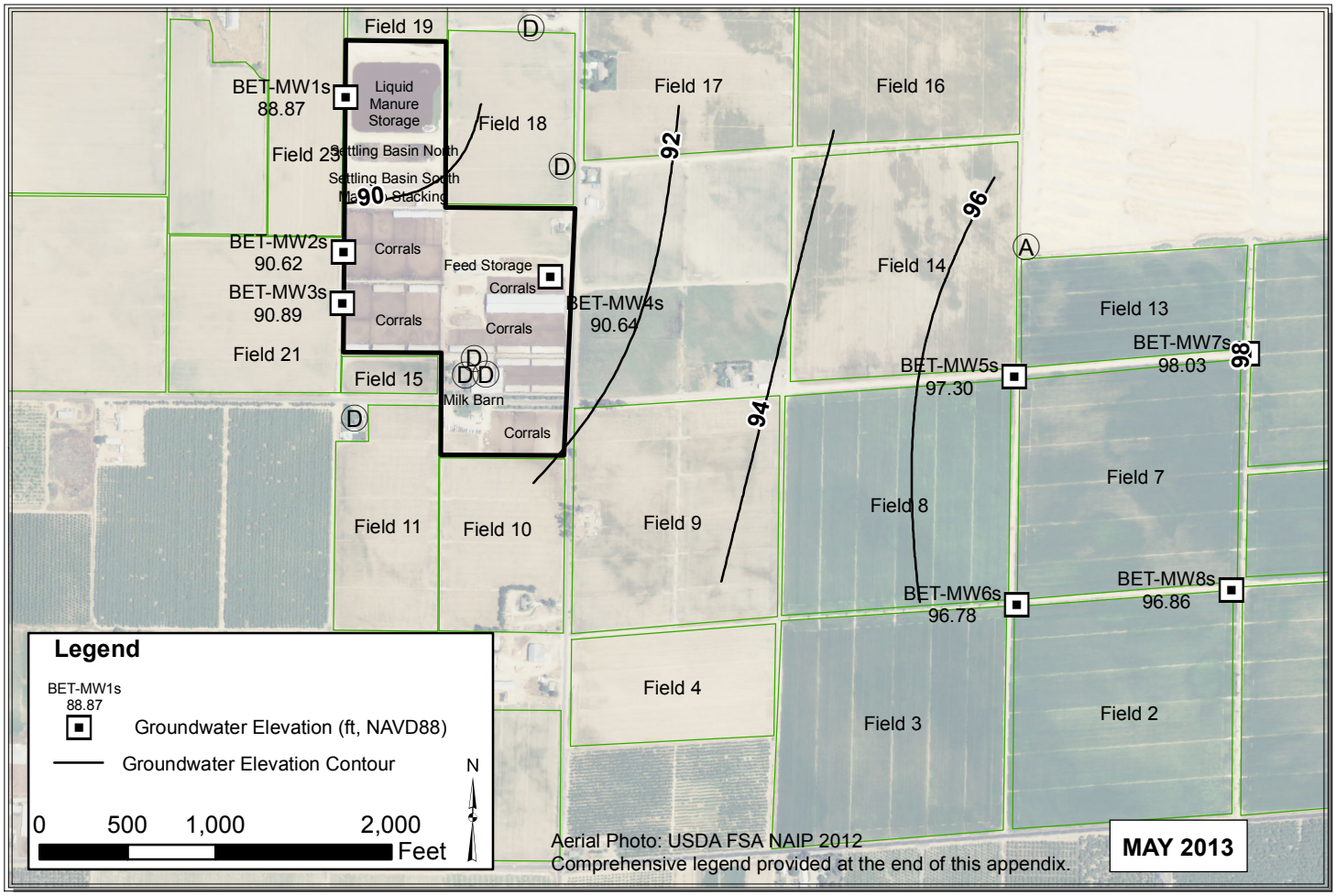

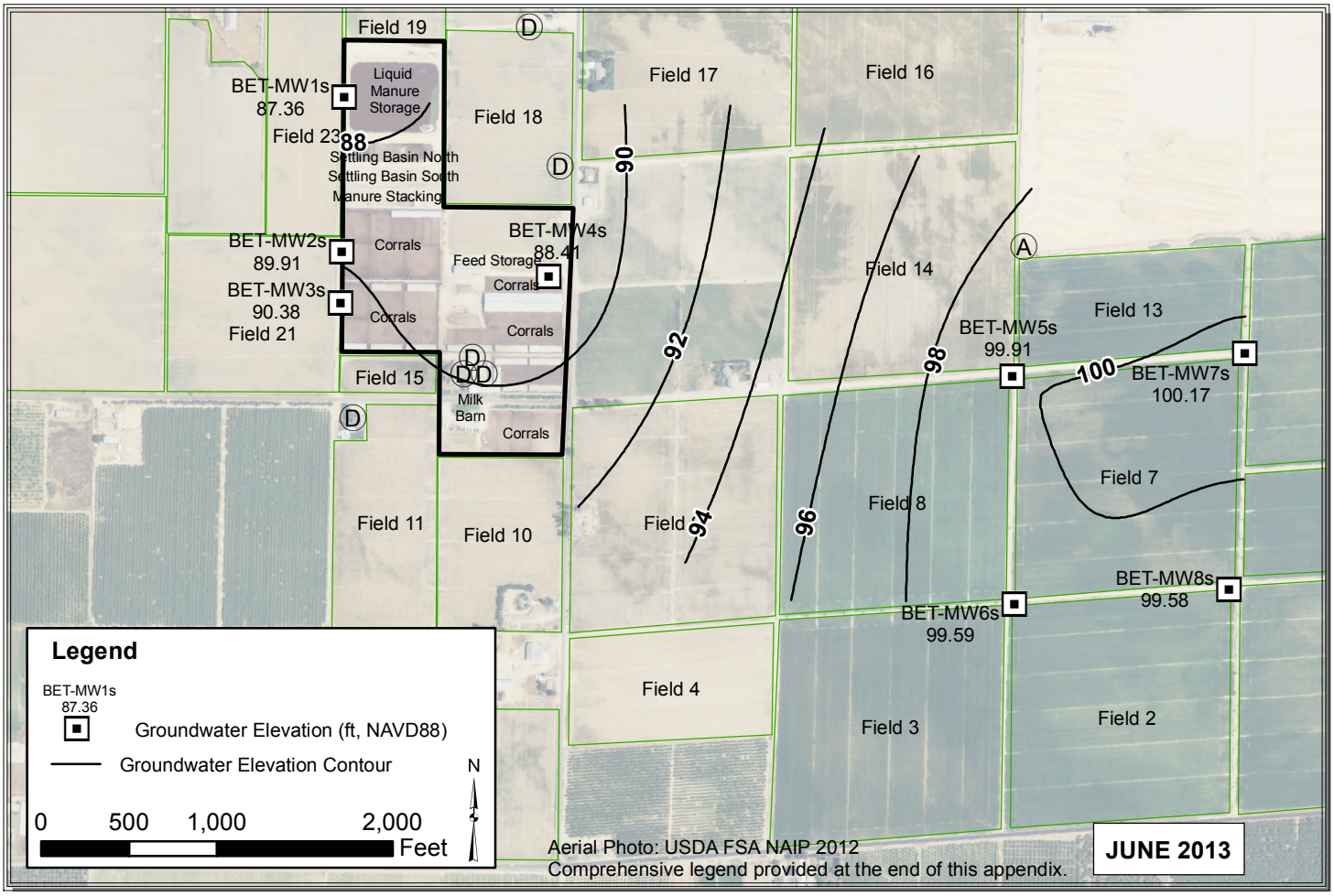

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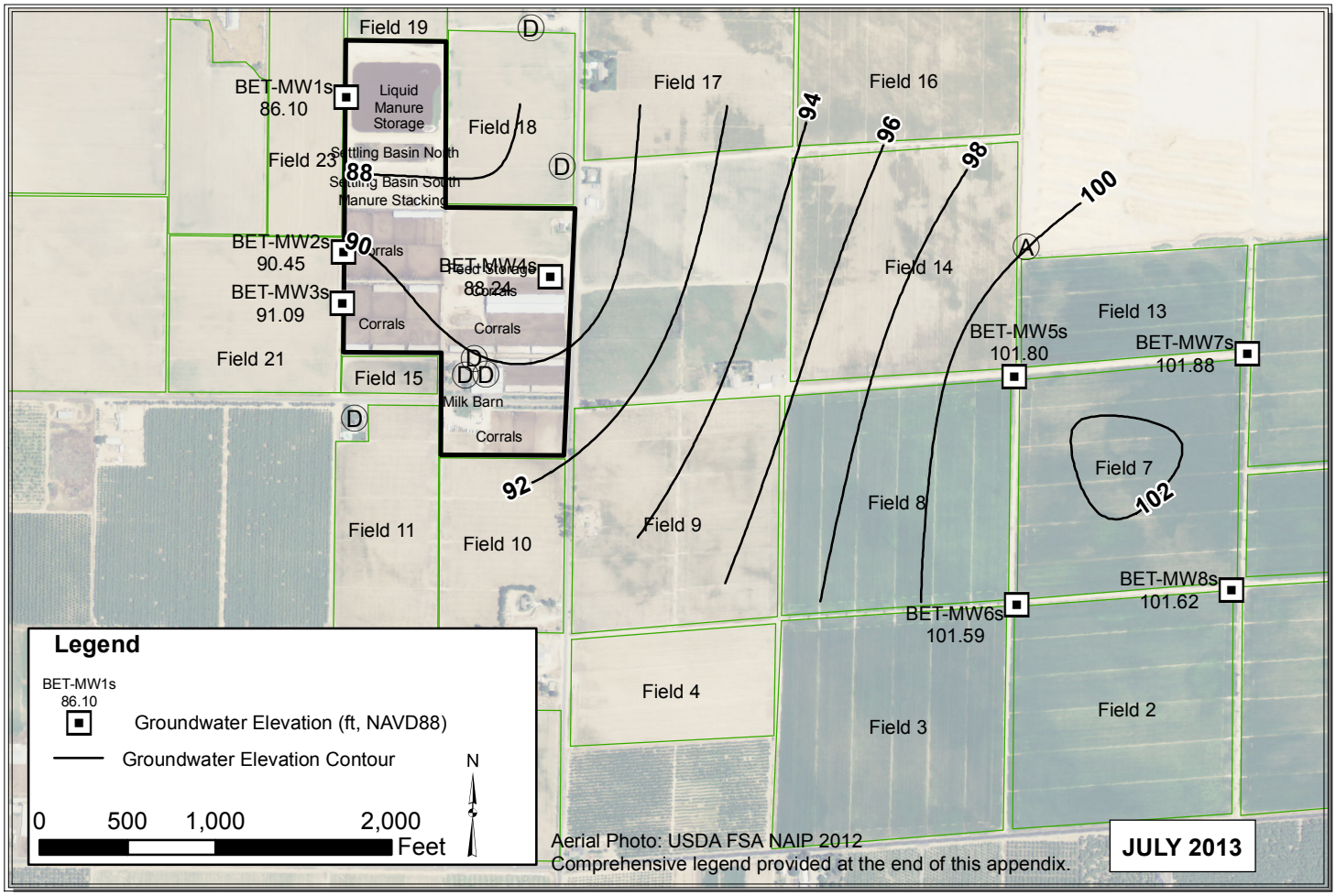

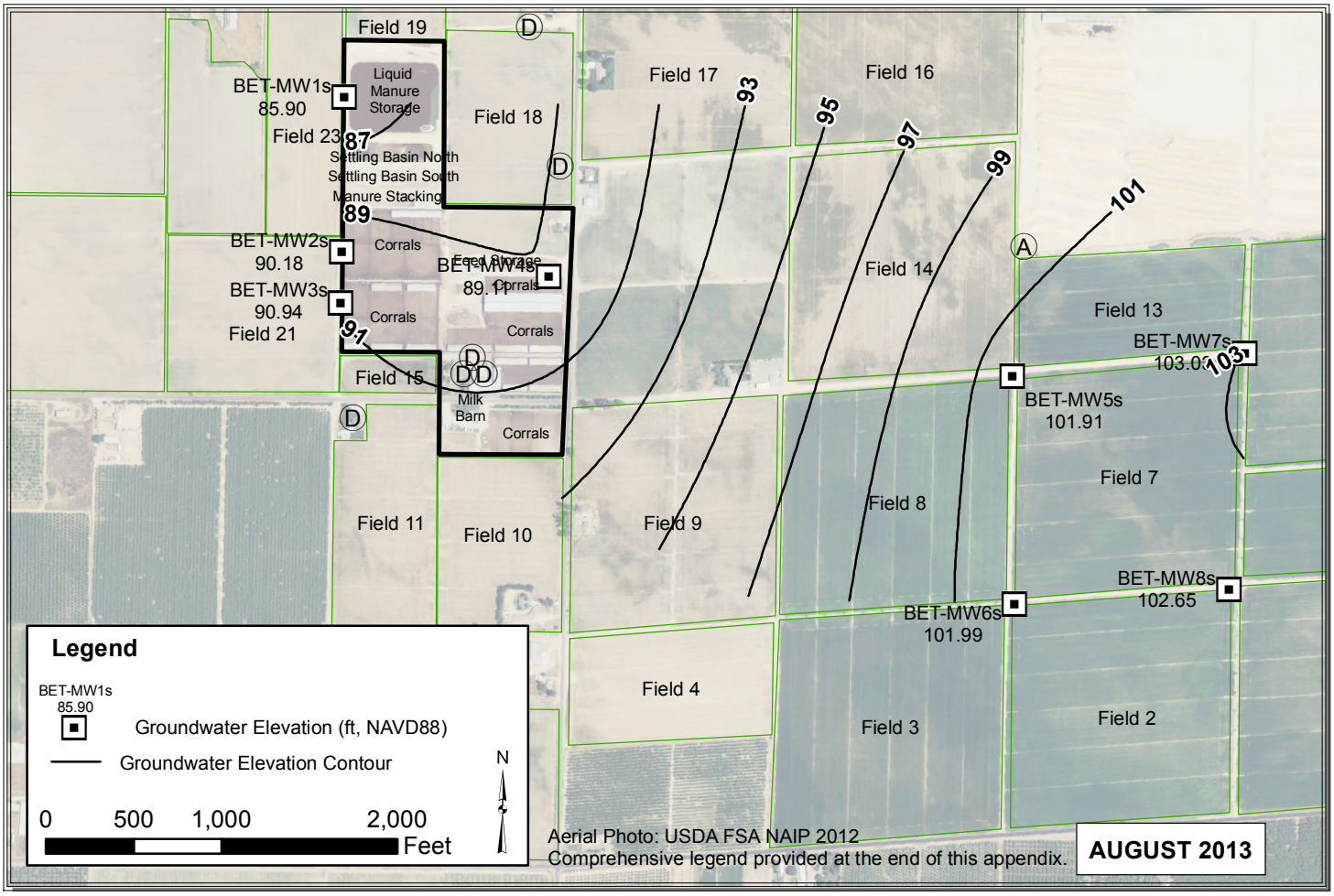

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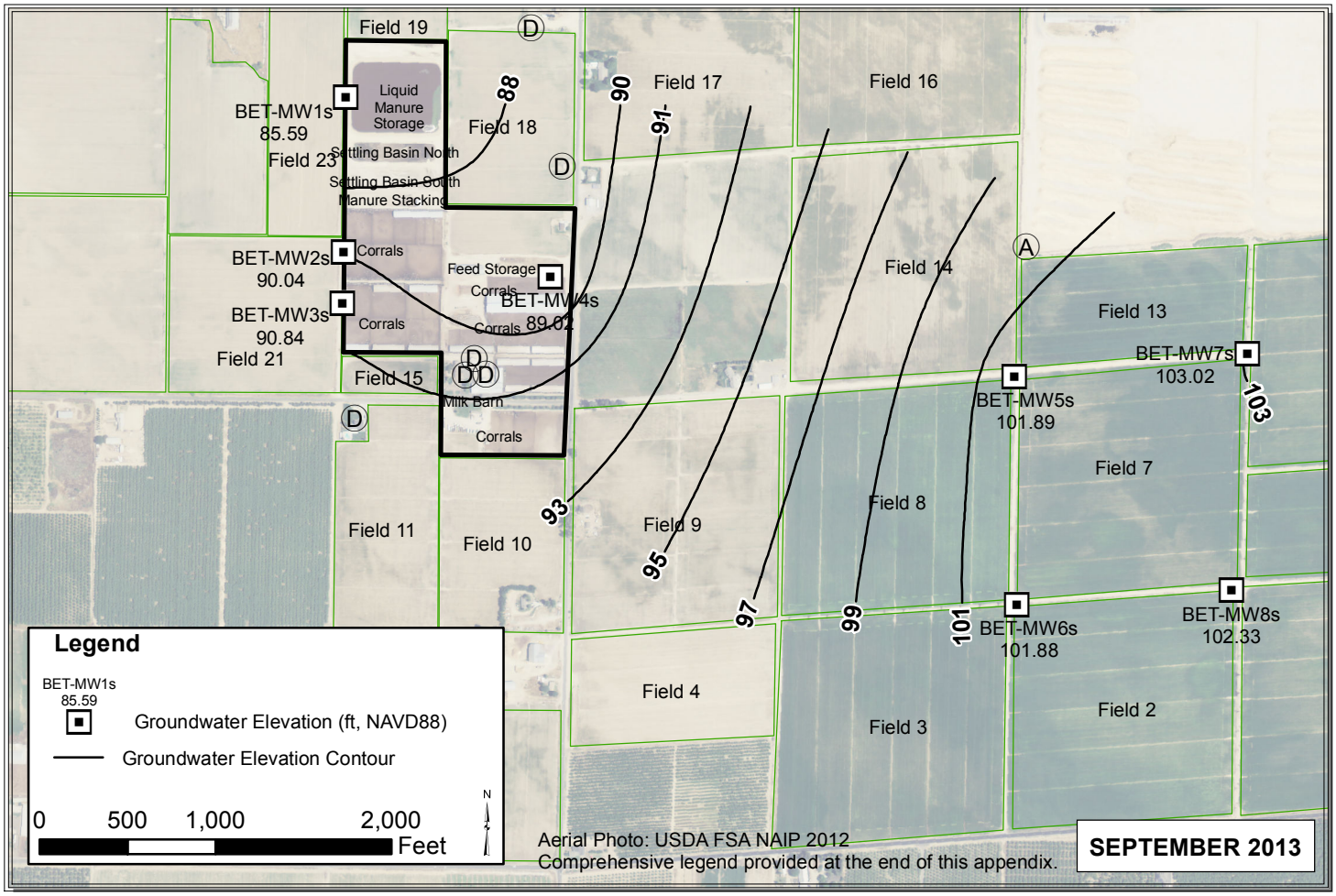

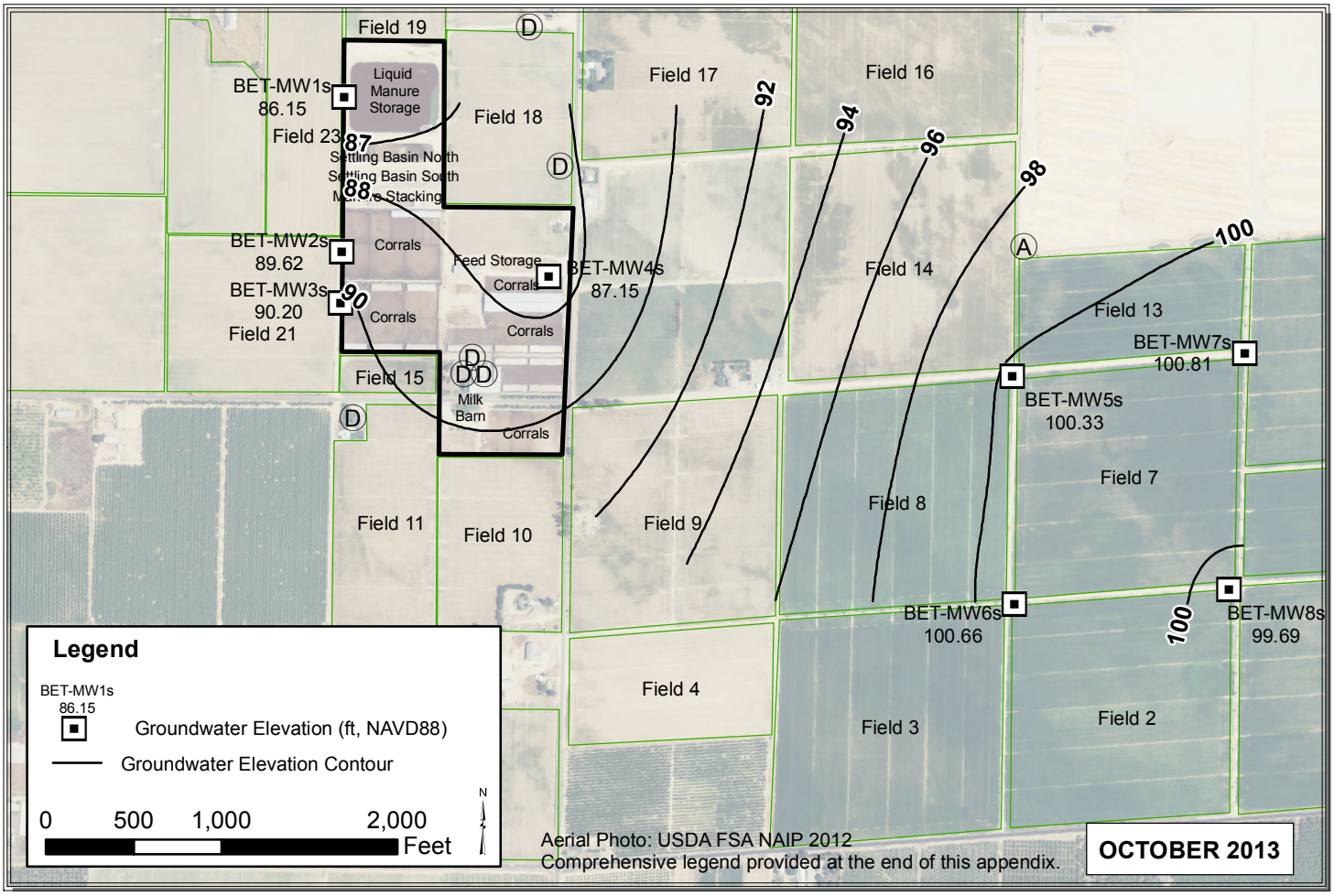

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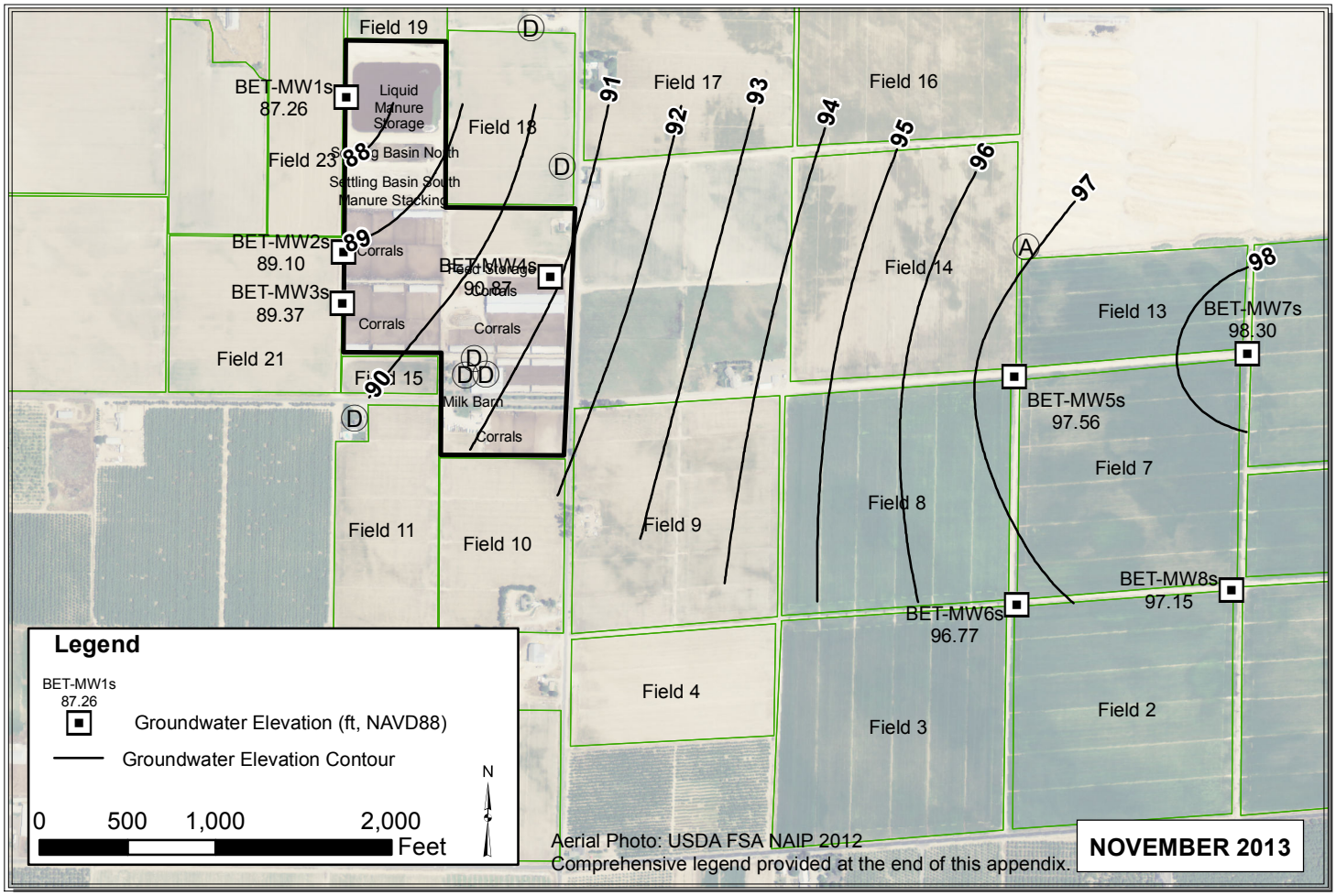

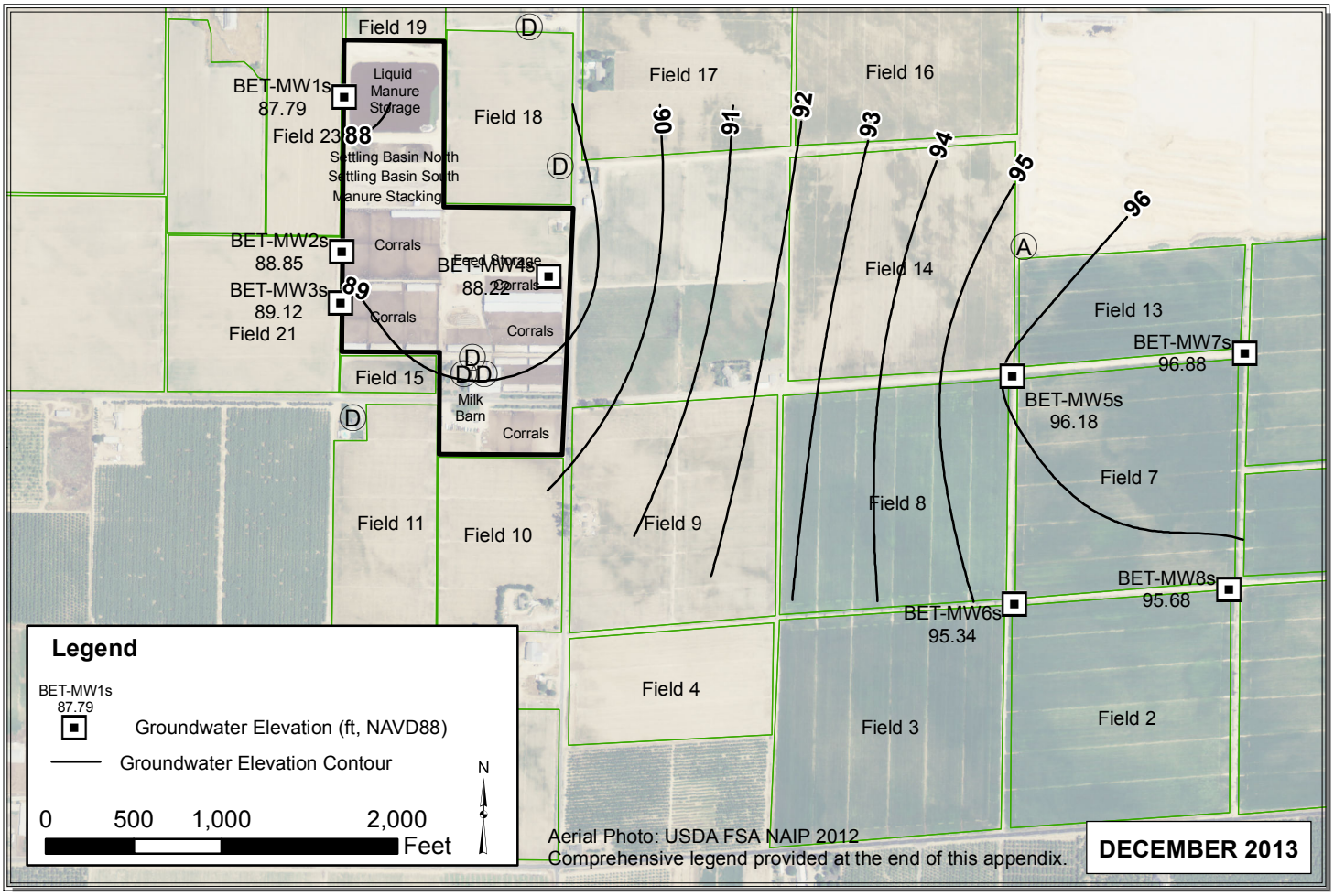

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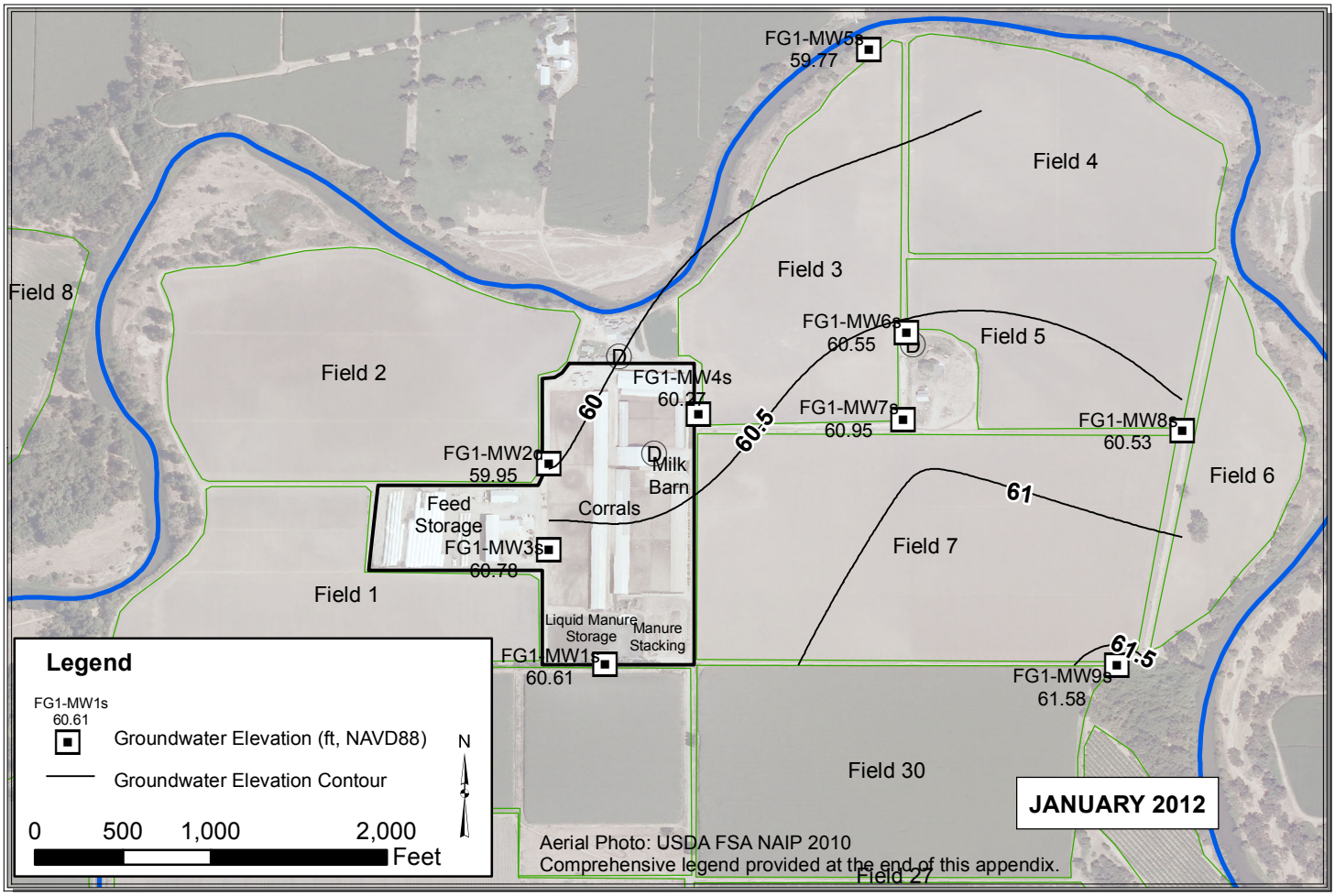
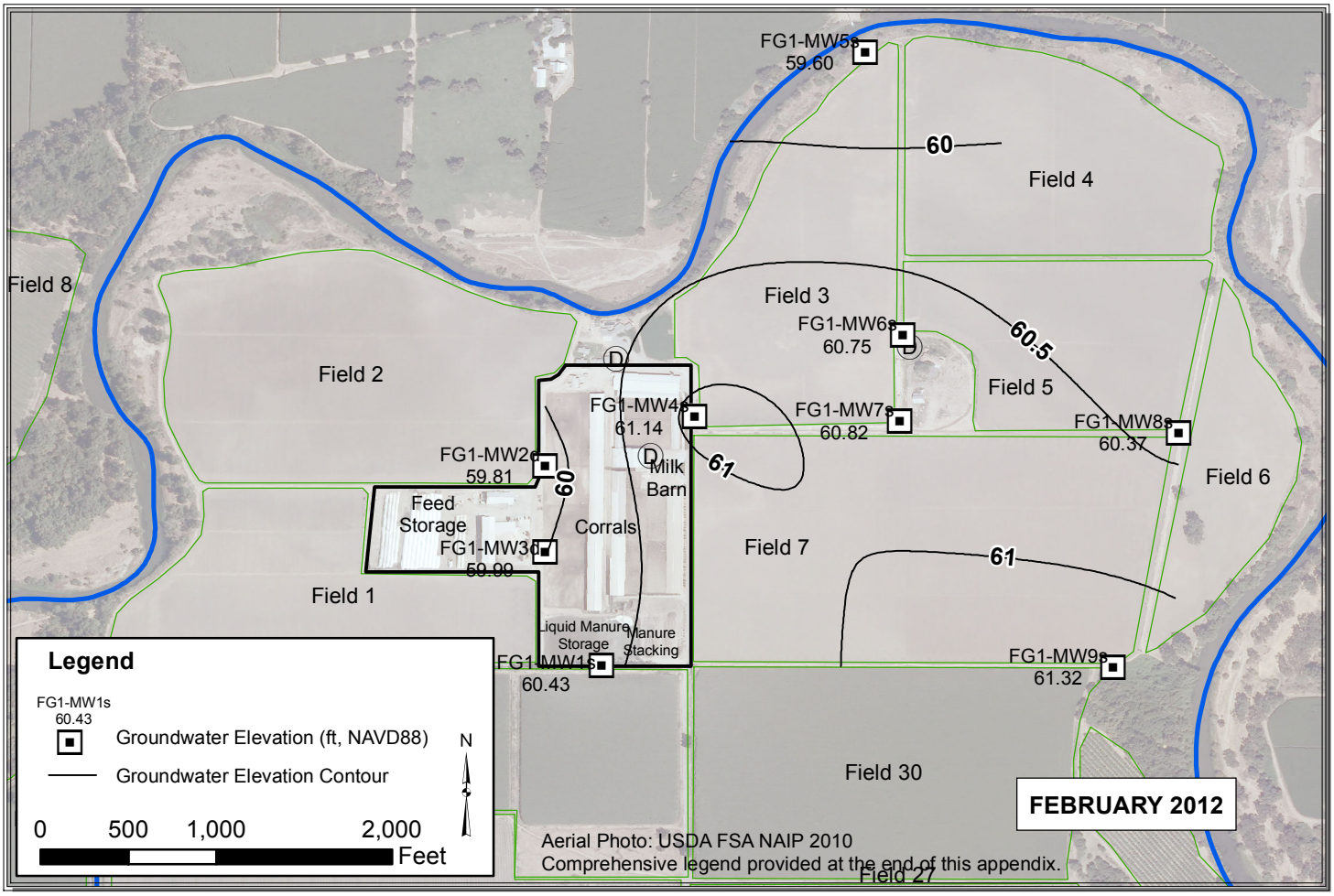
FG1





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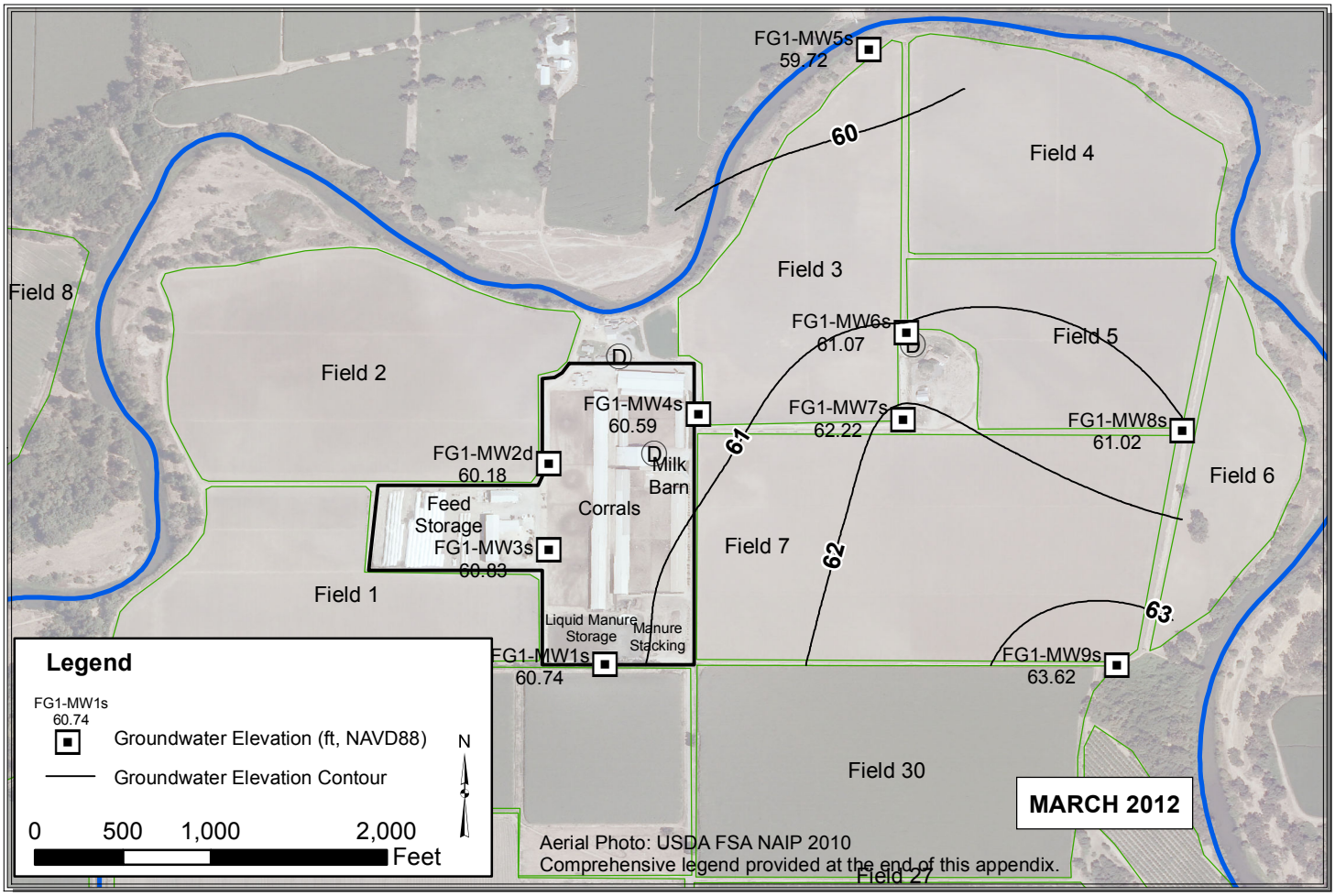

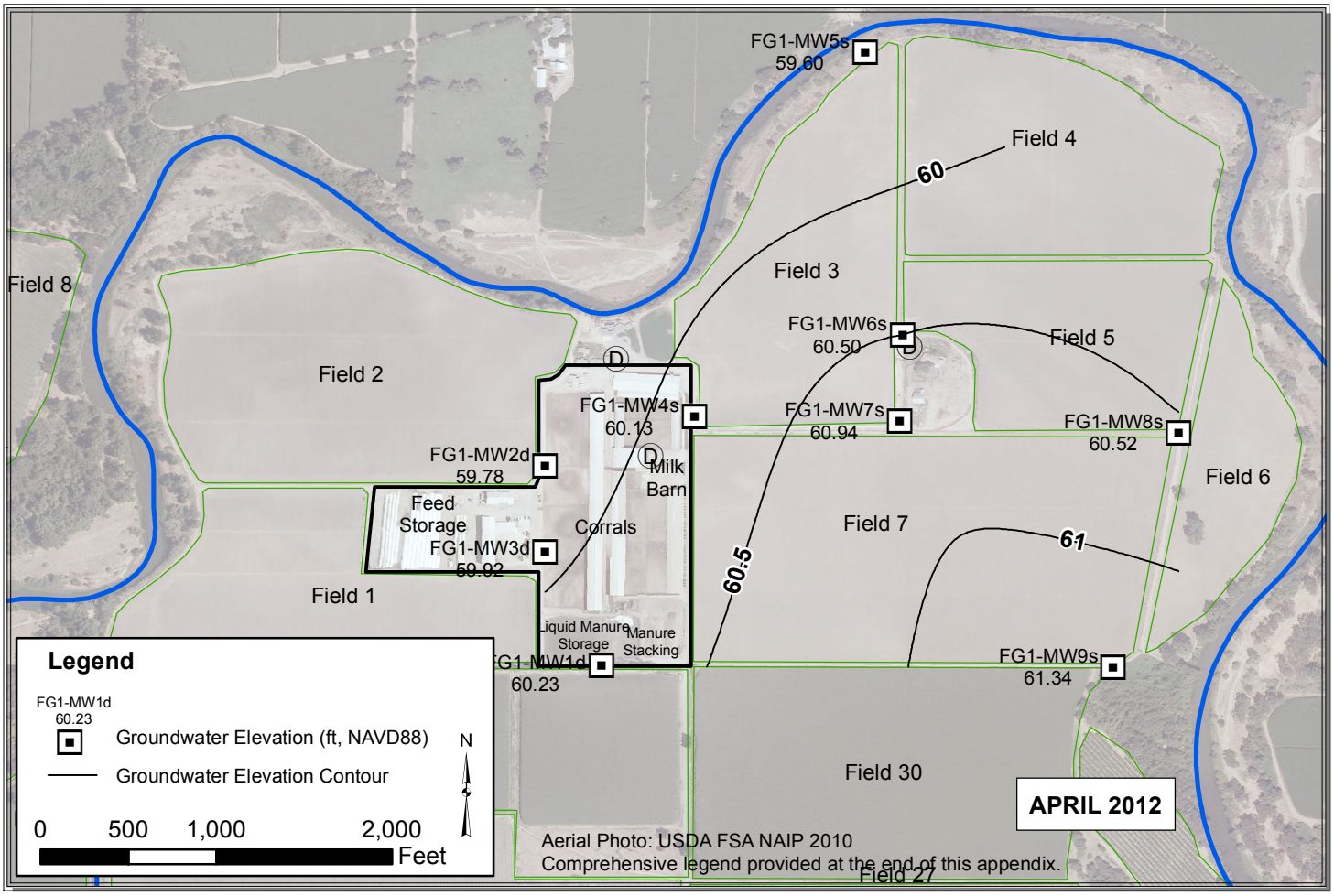

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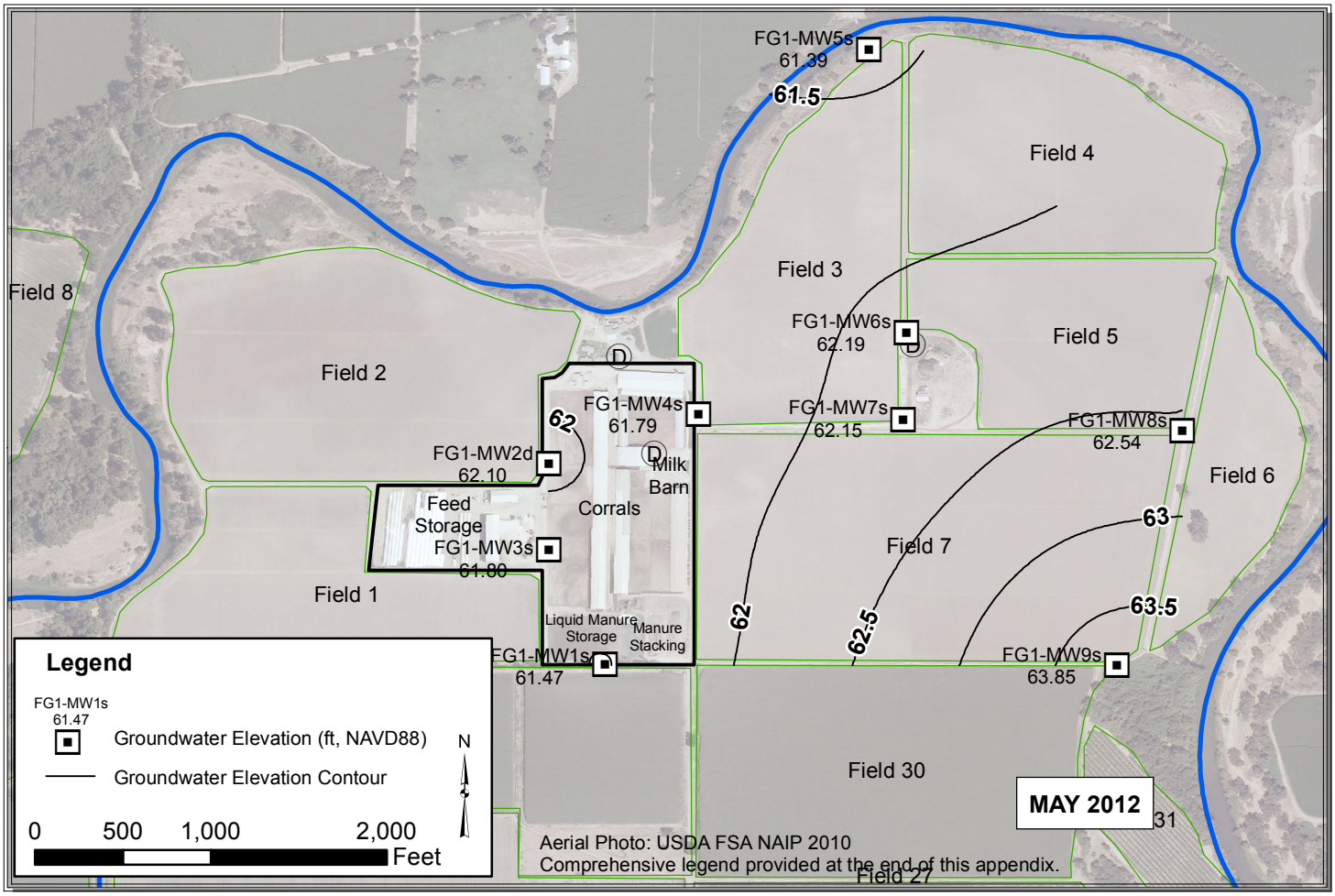

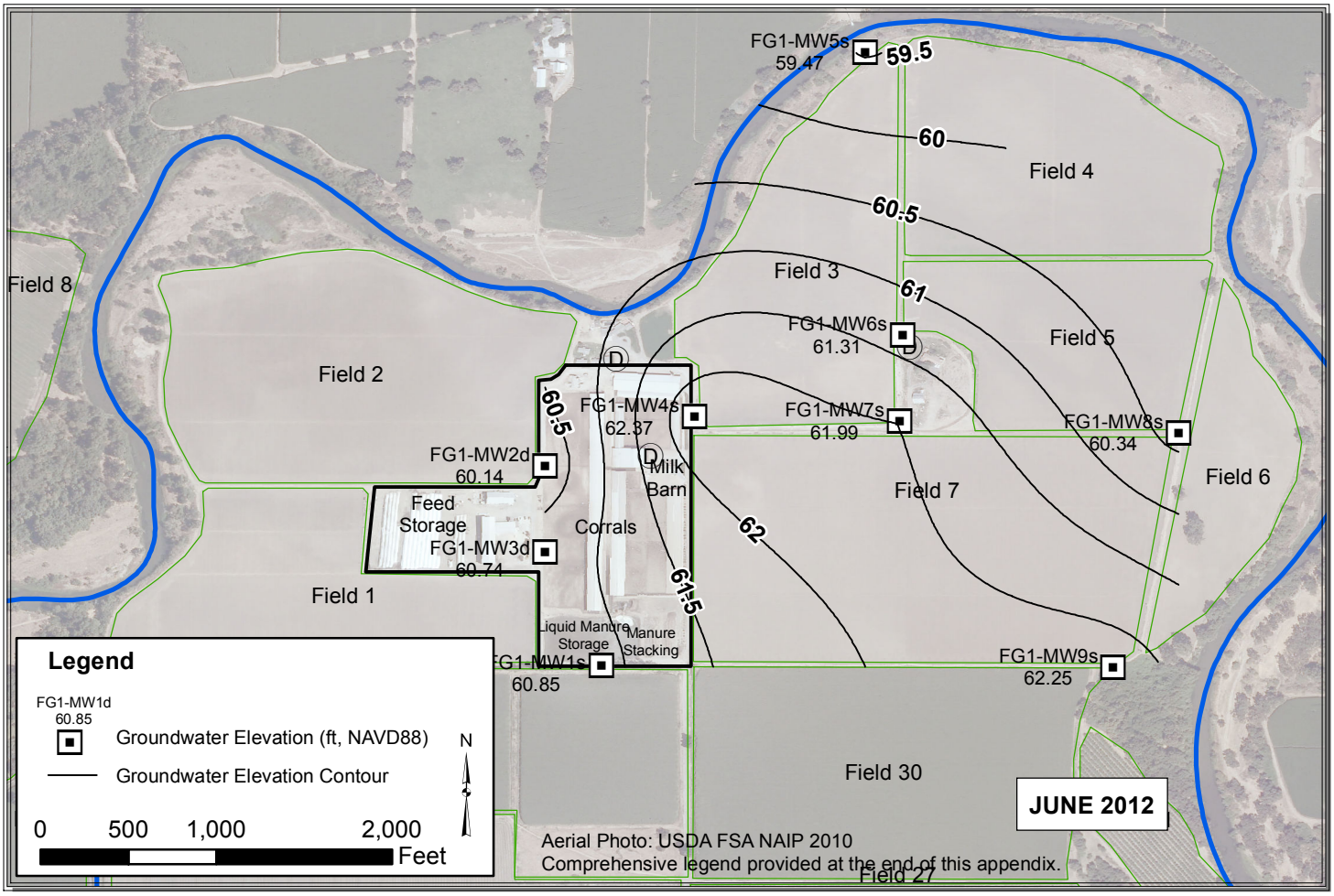

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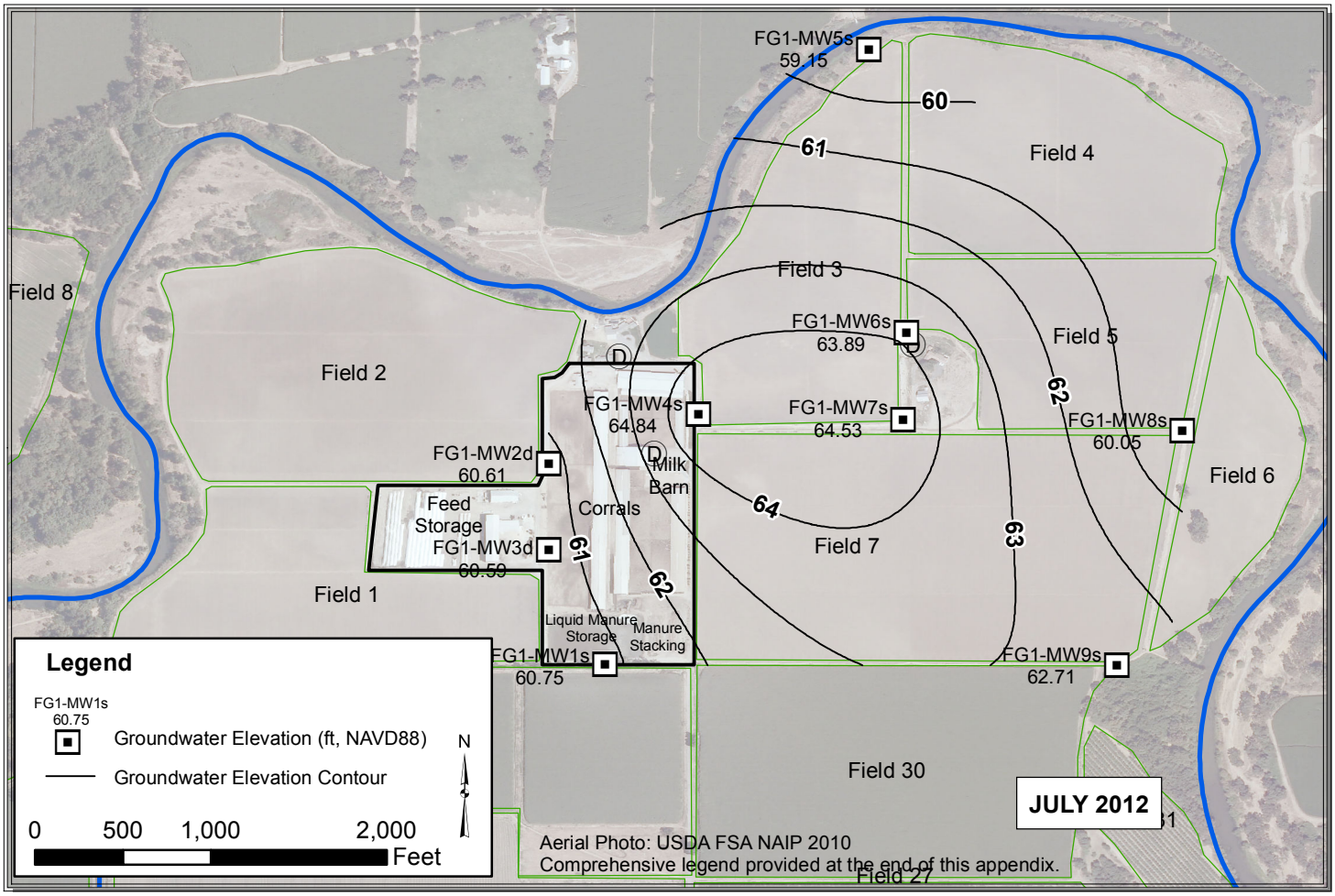

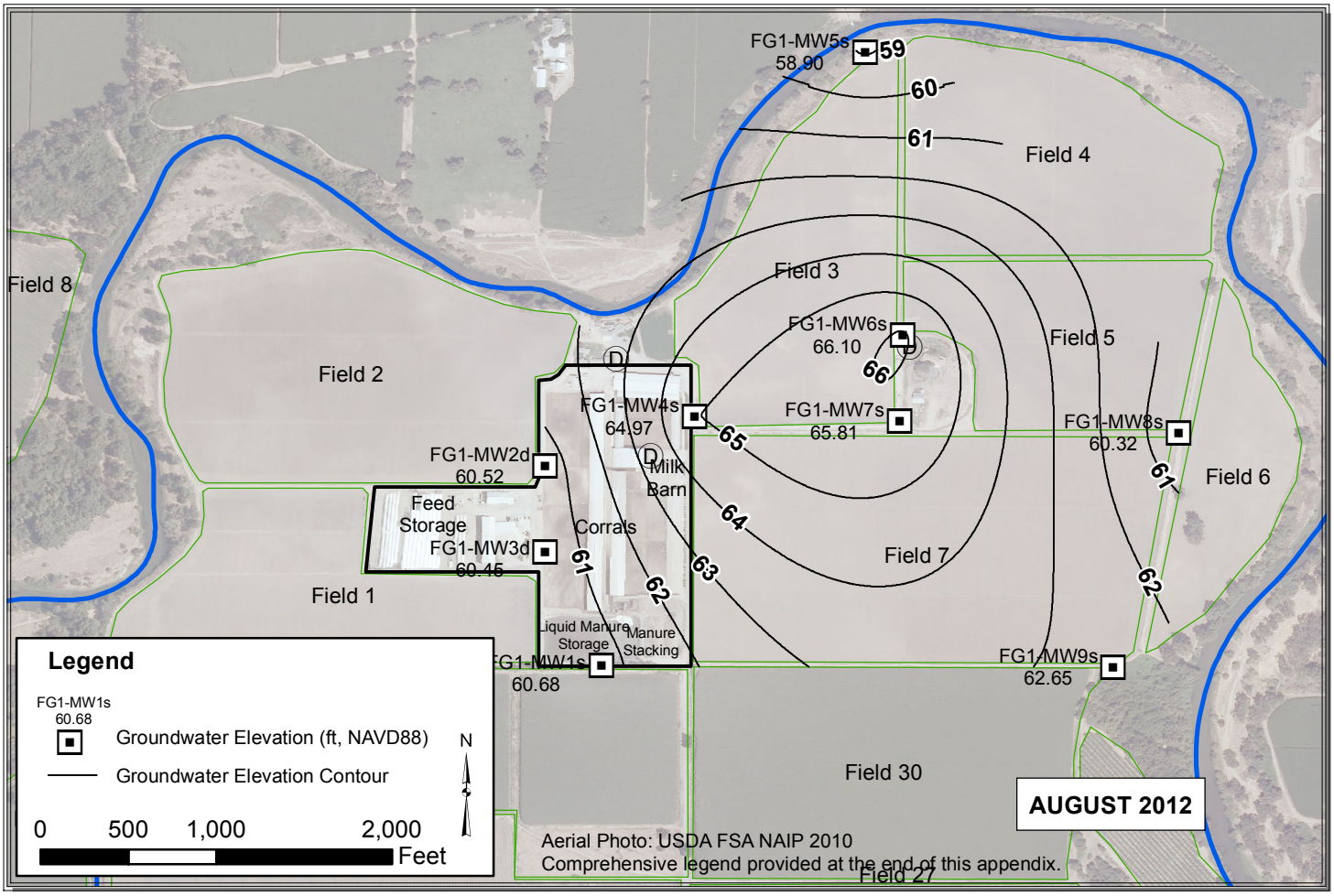

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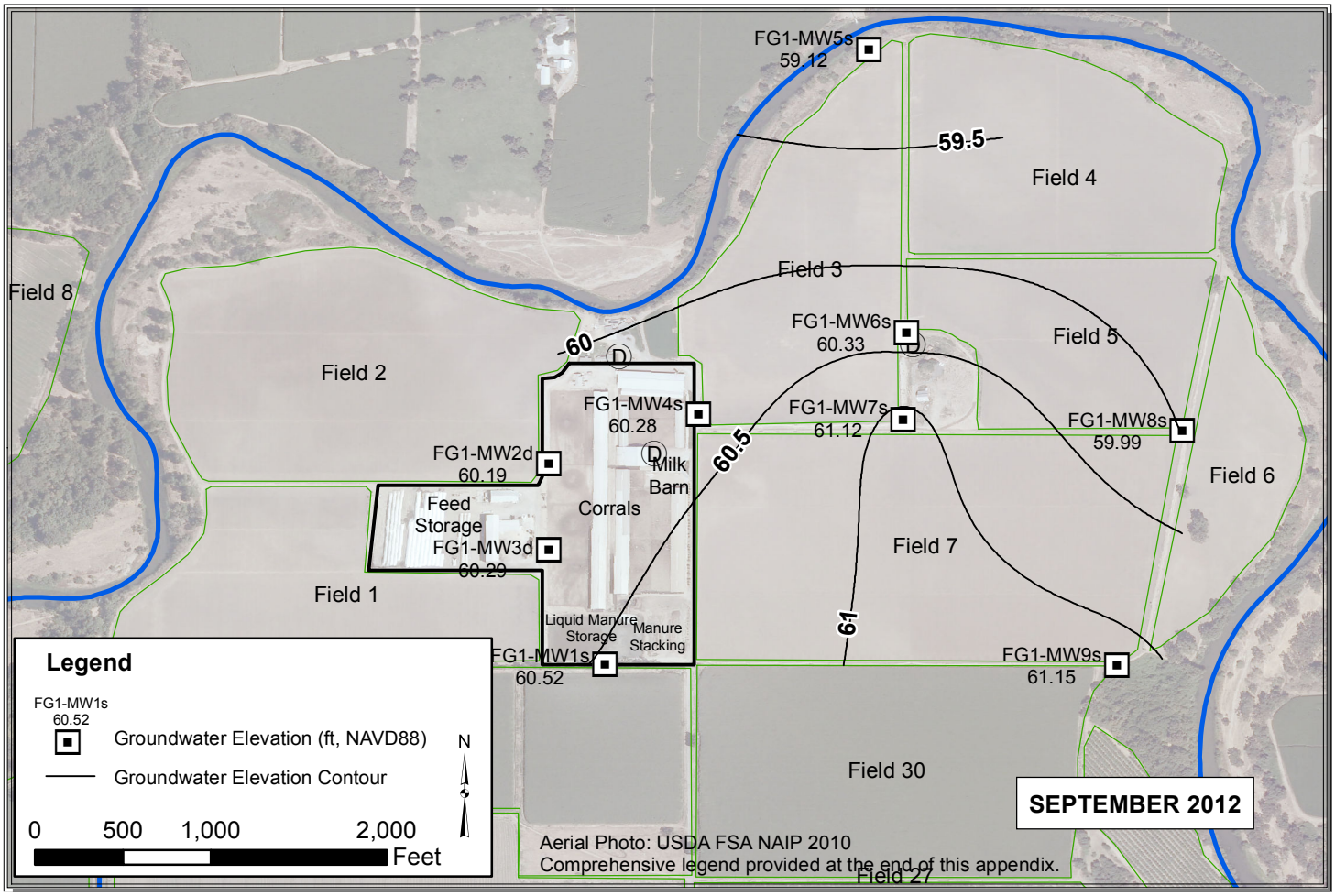

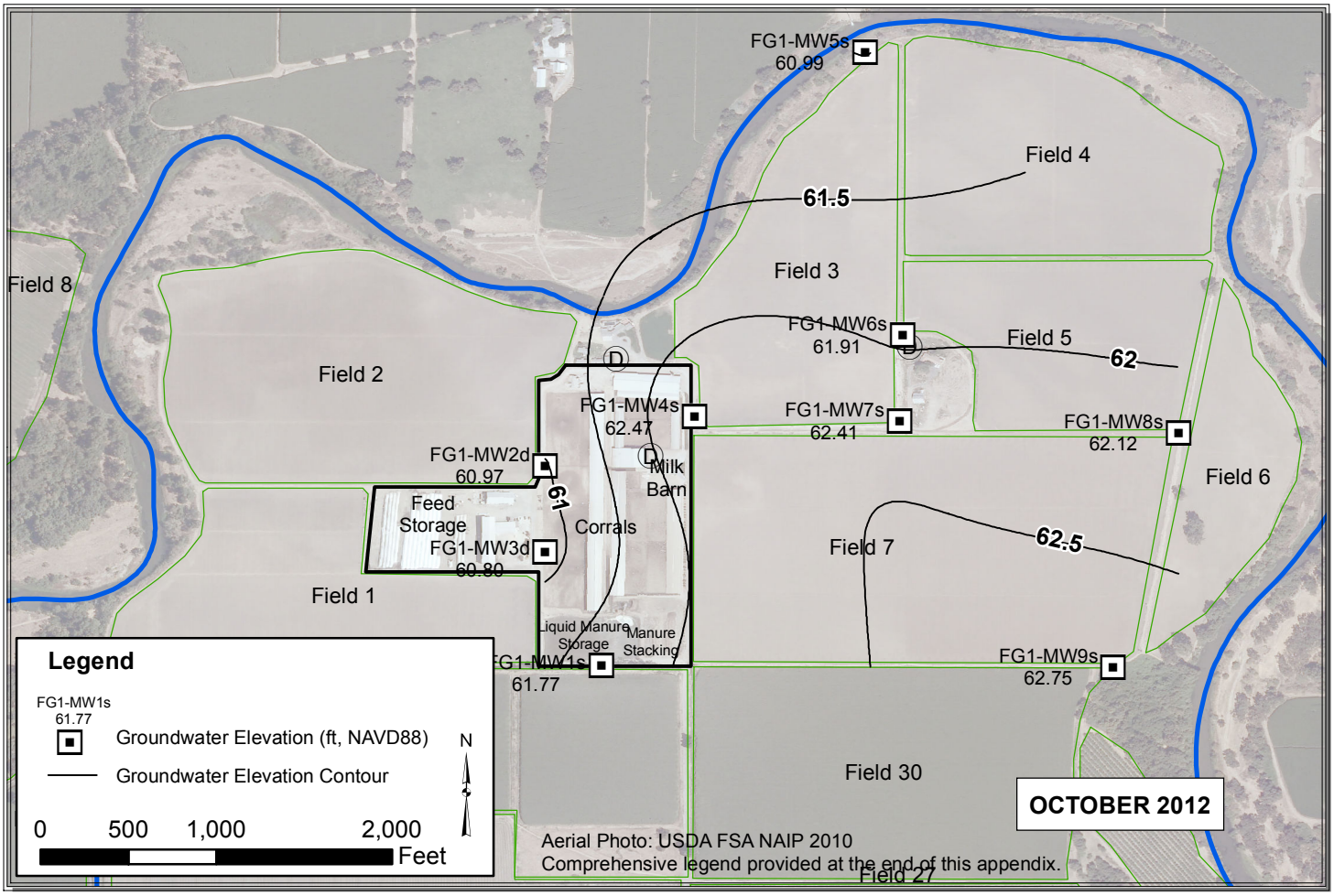

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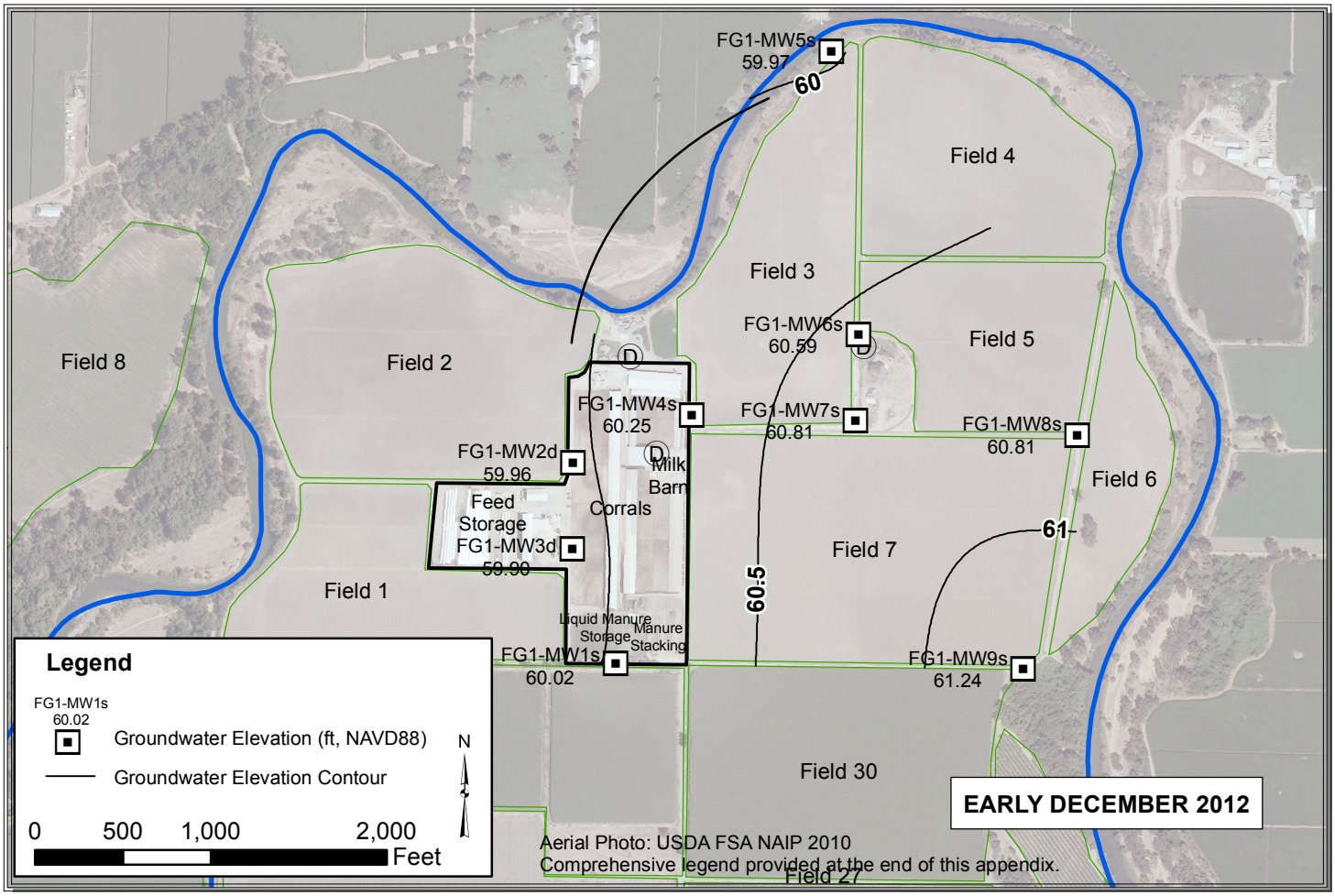

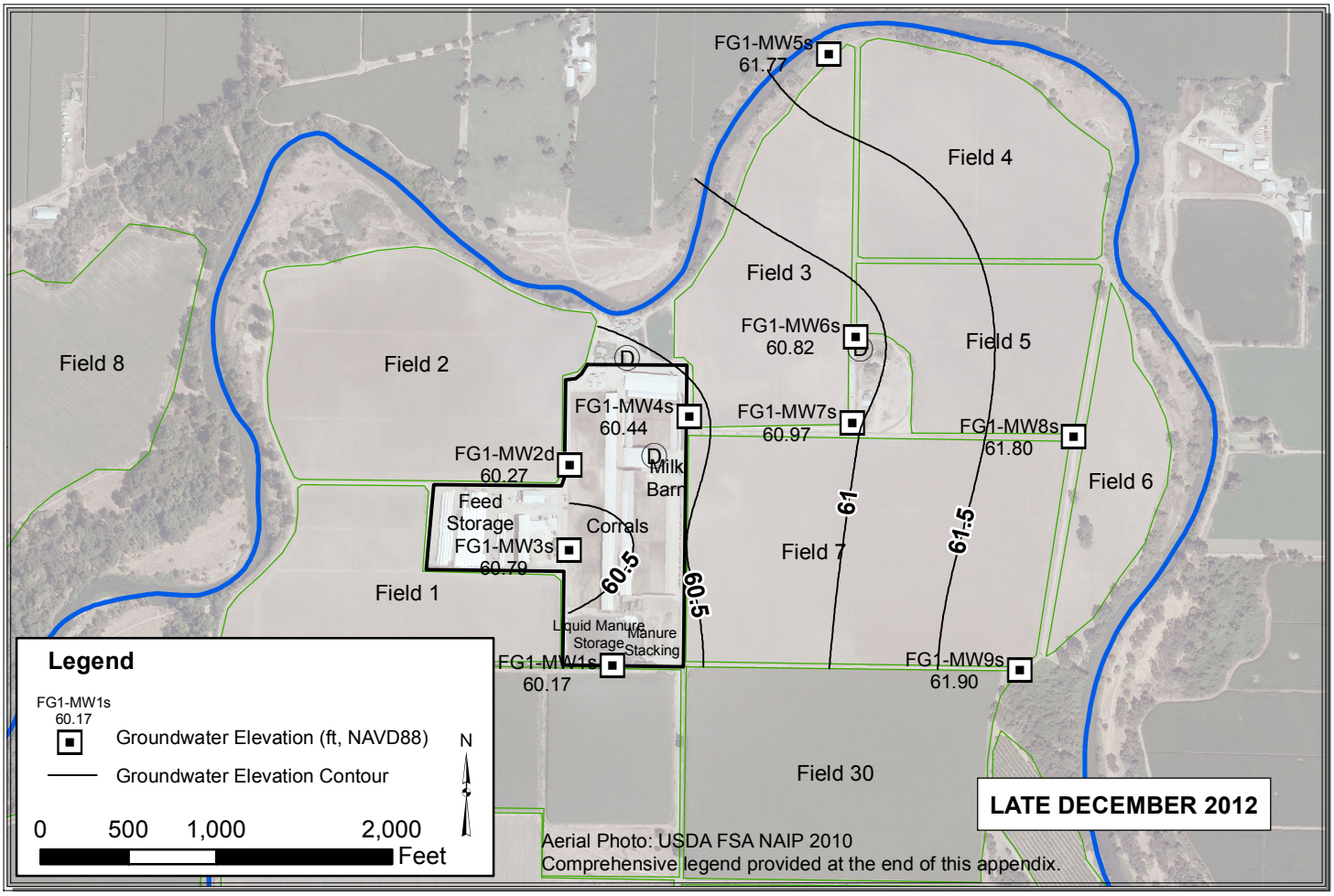

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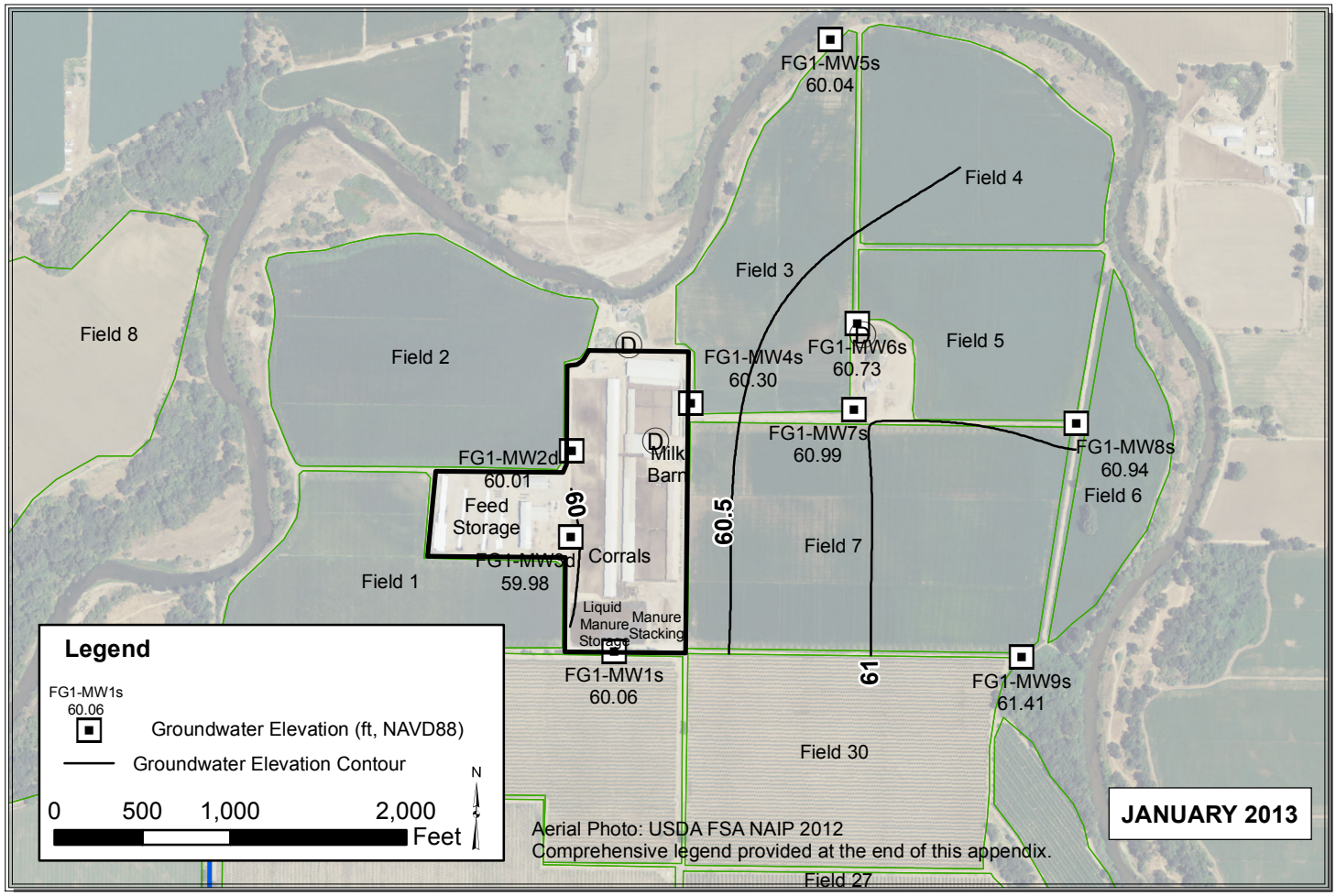

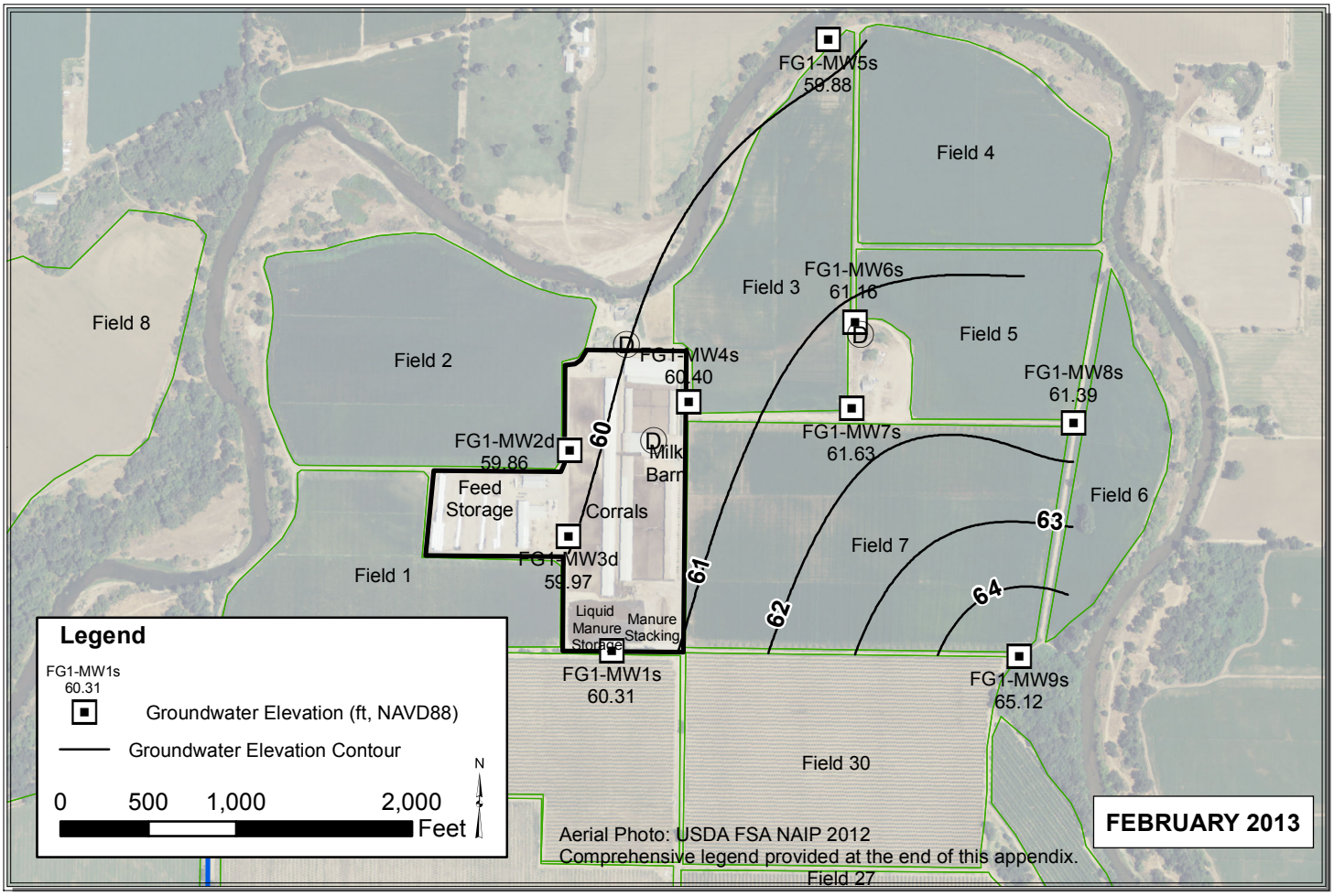

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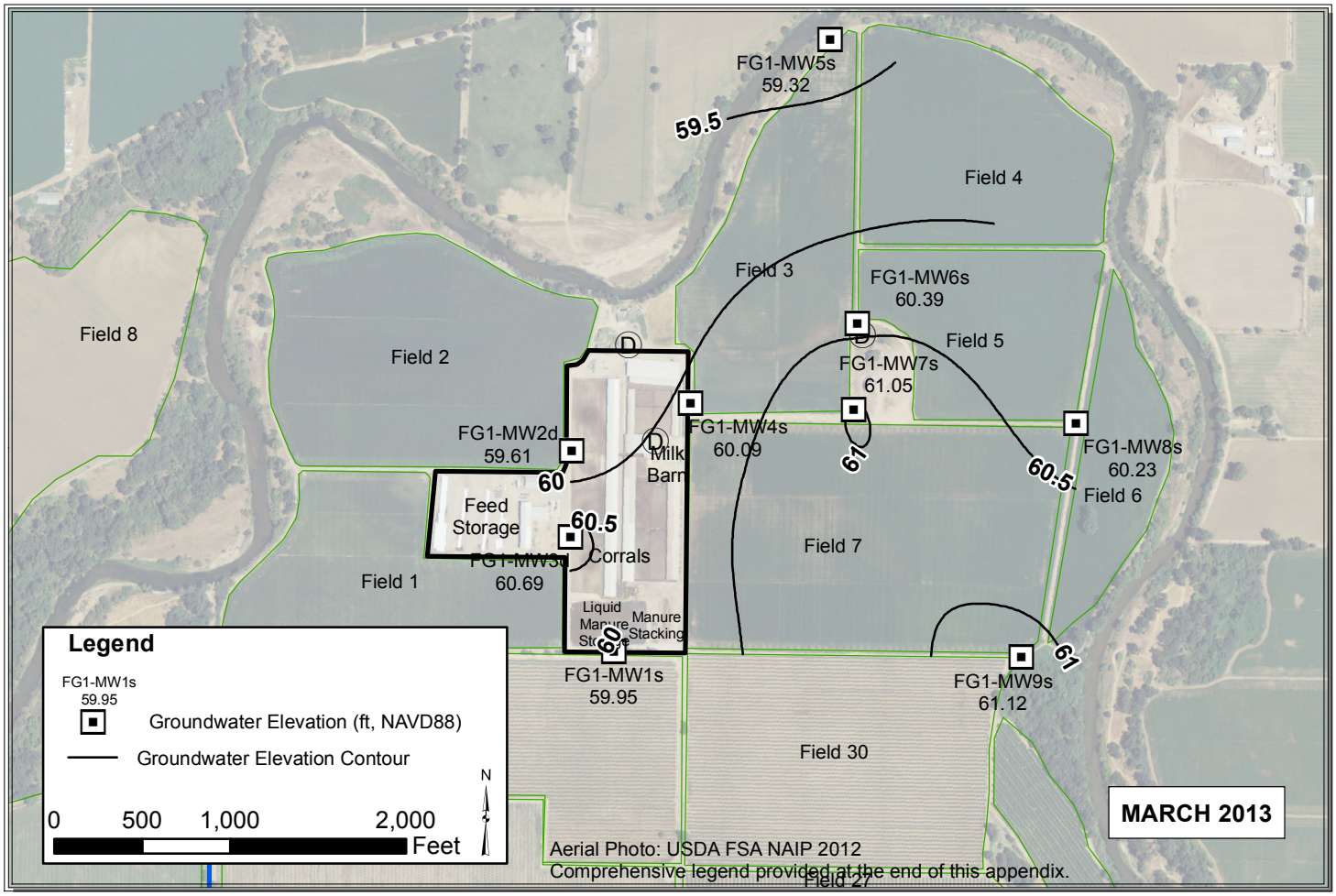

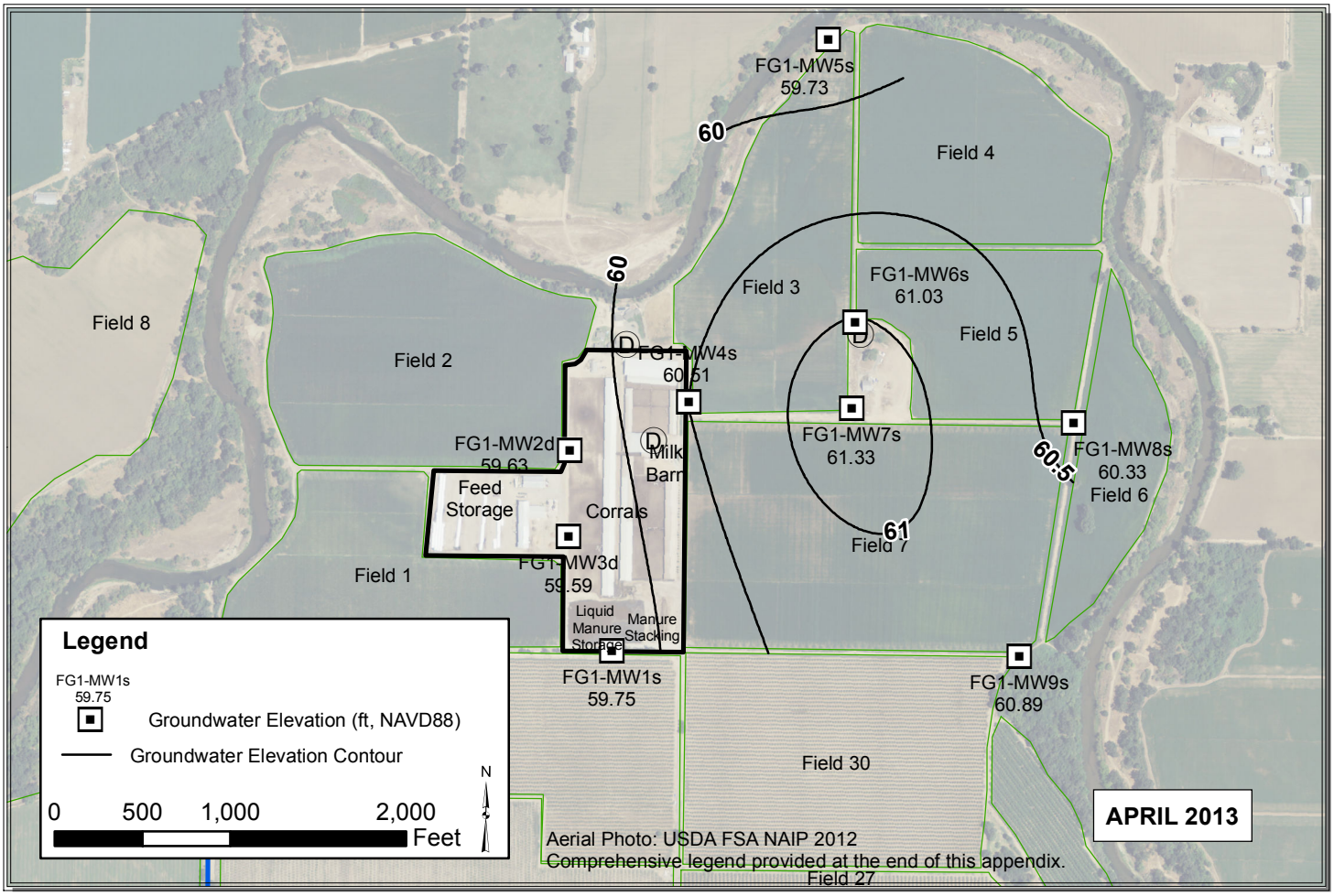

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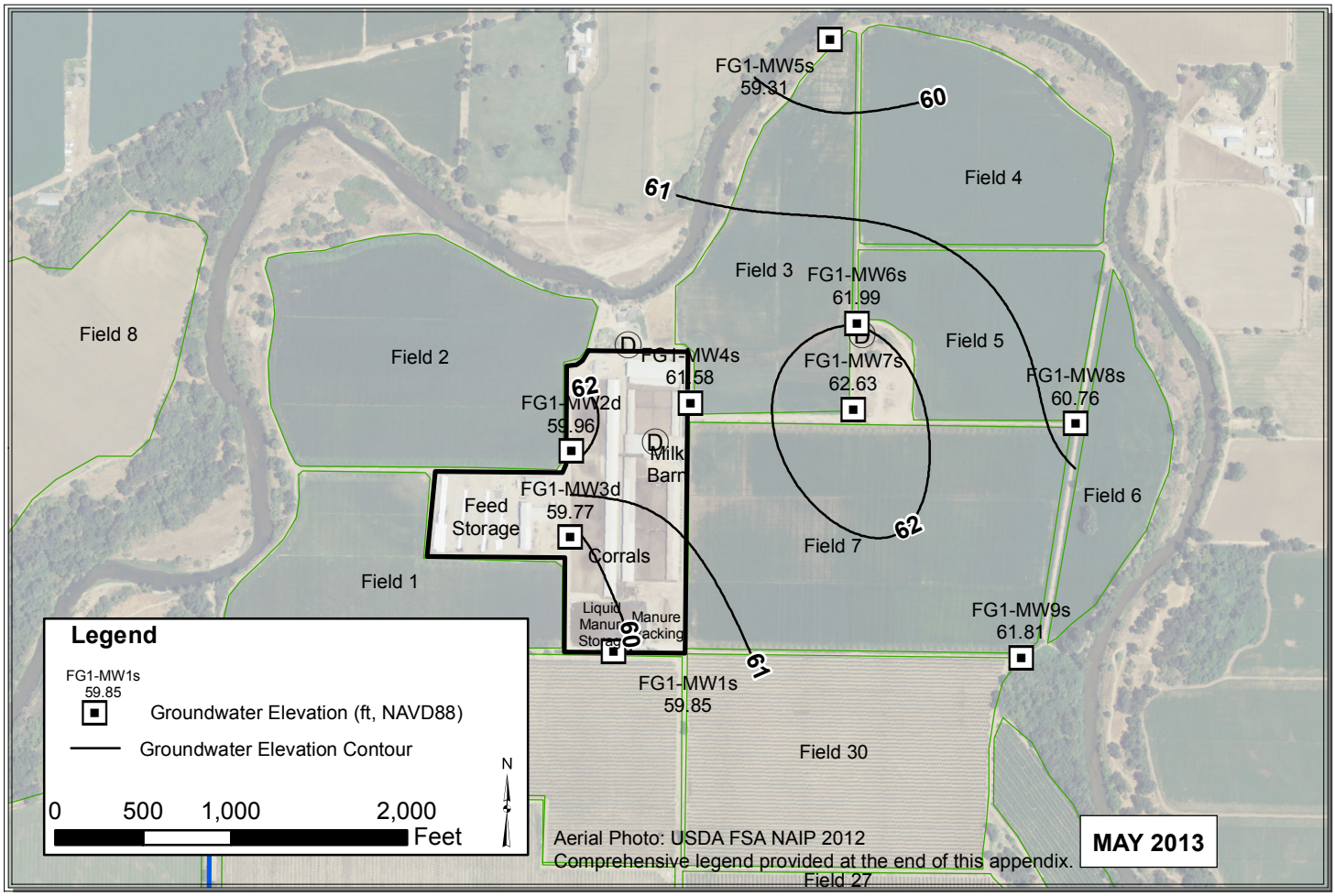

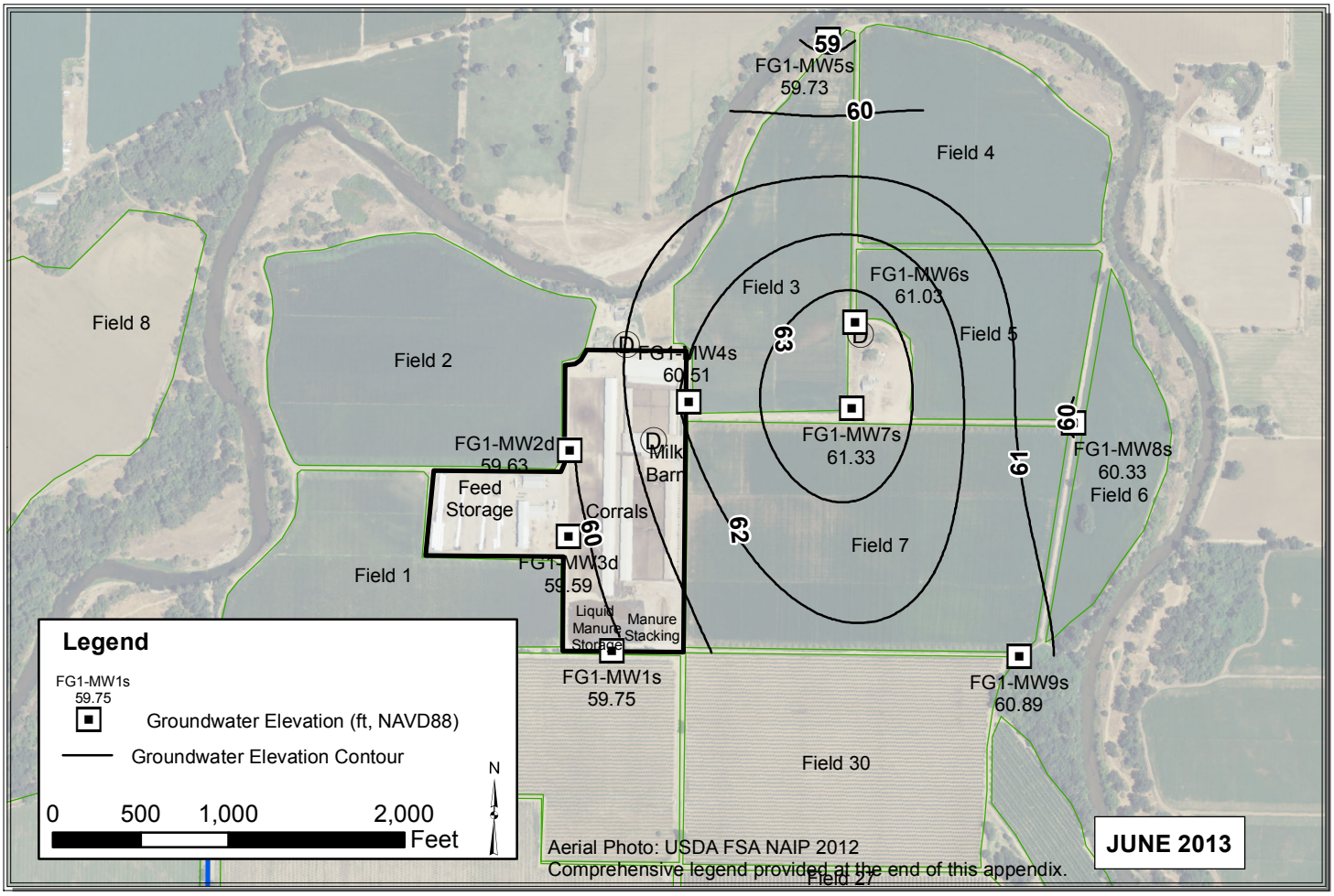

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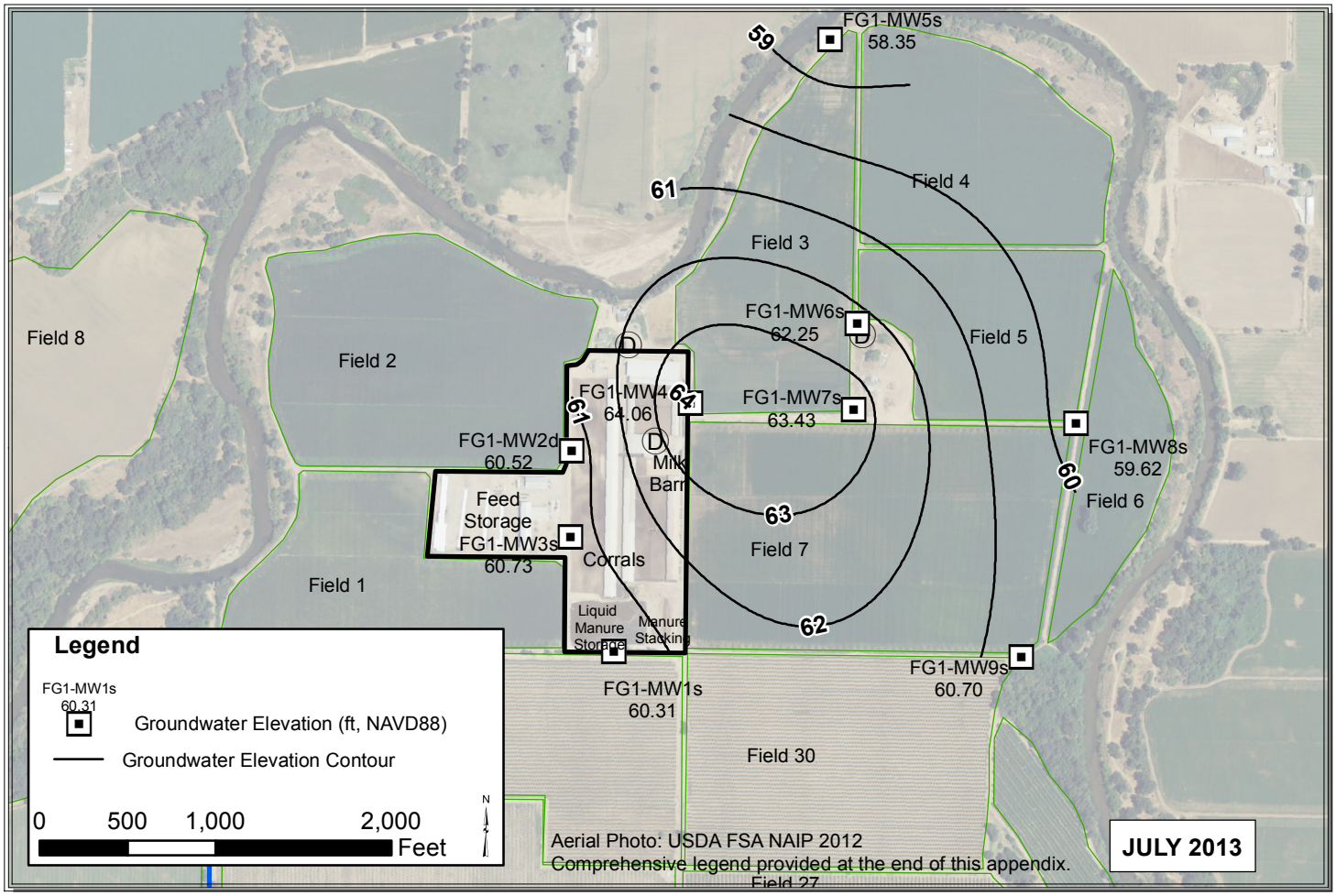

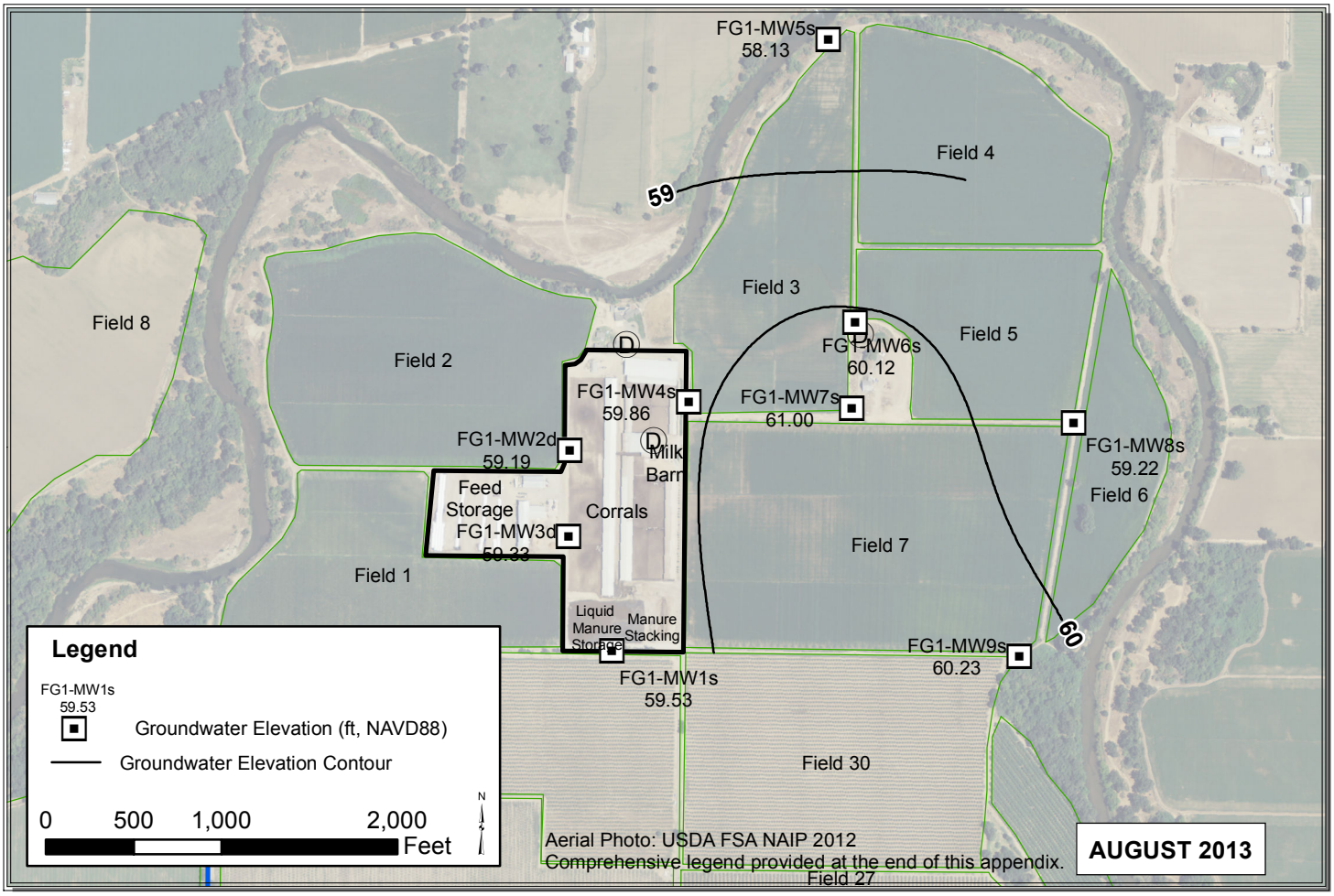

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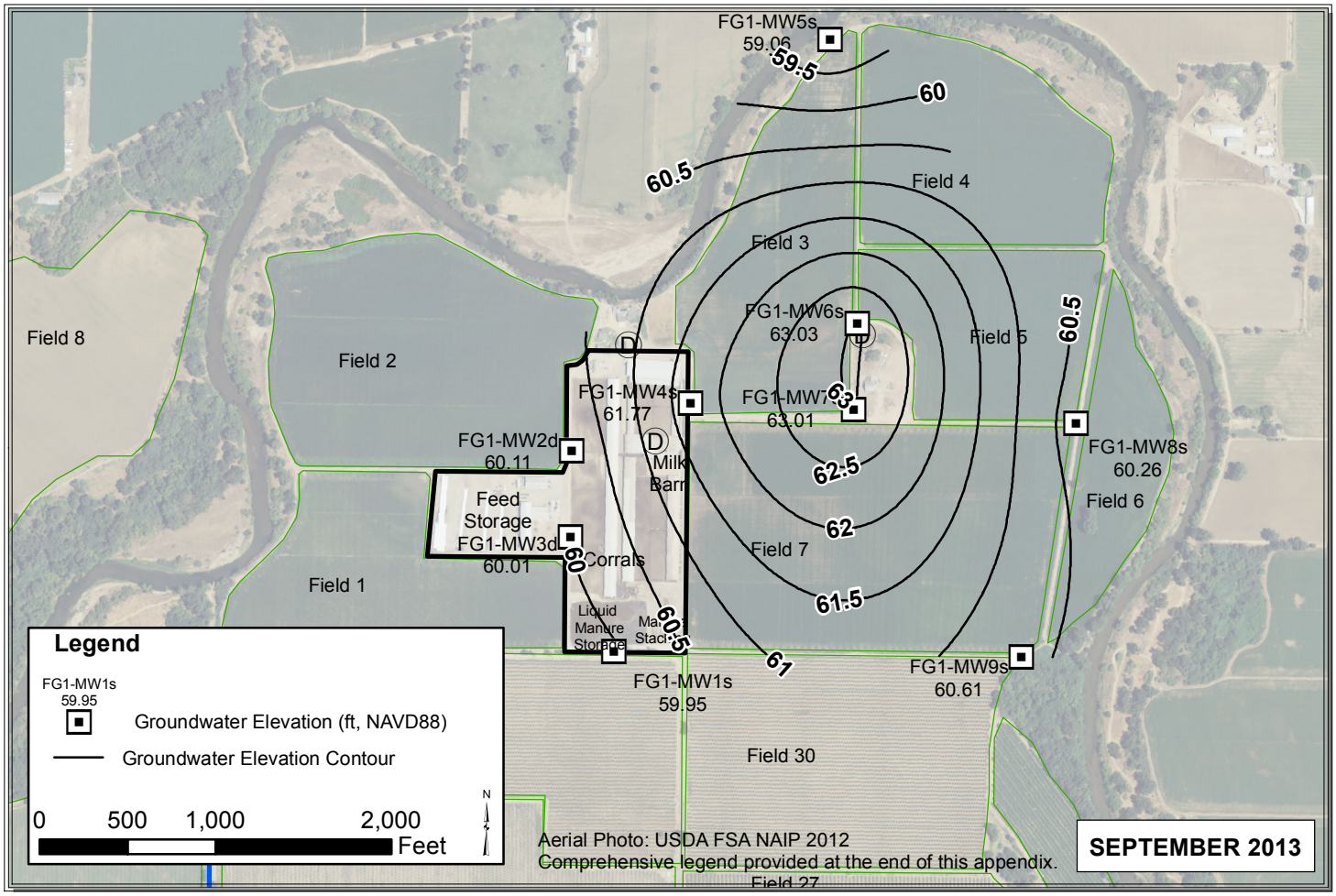

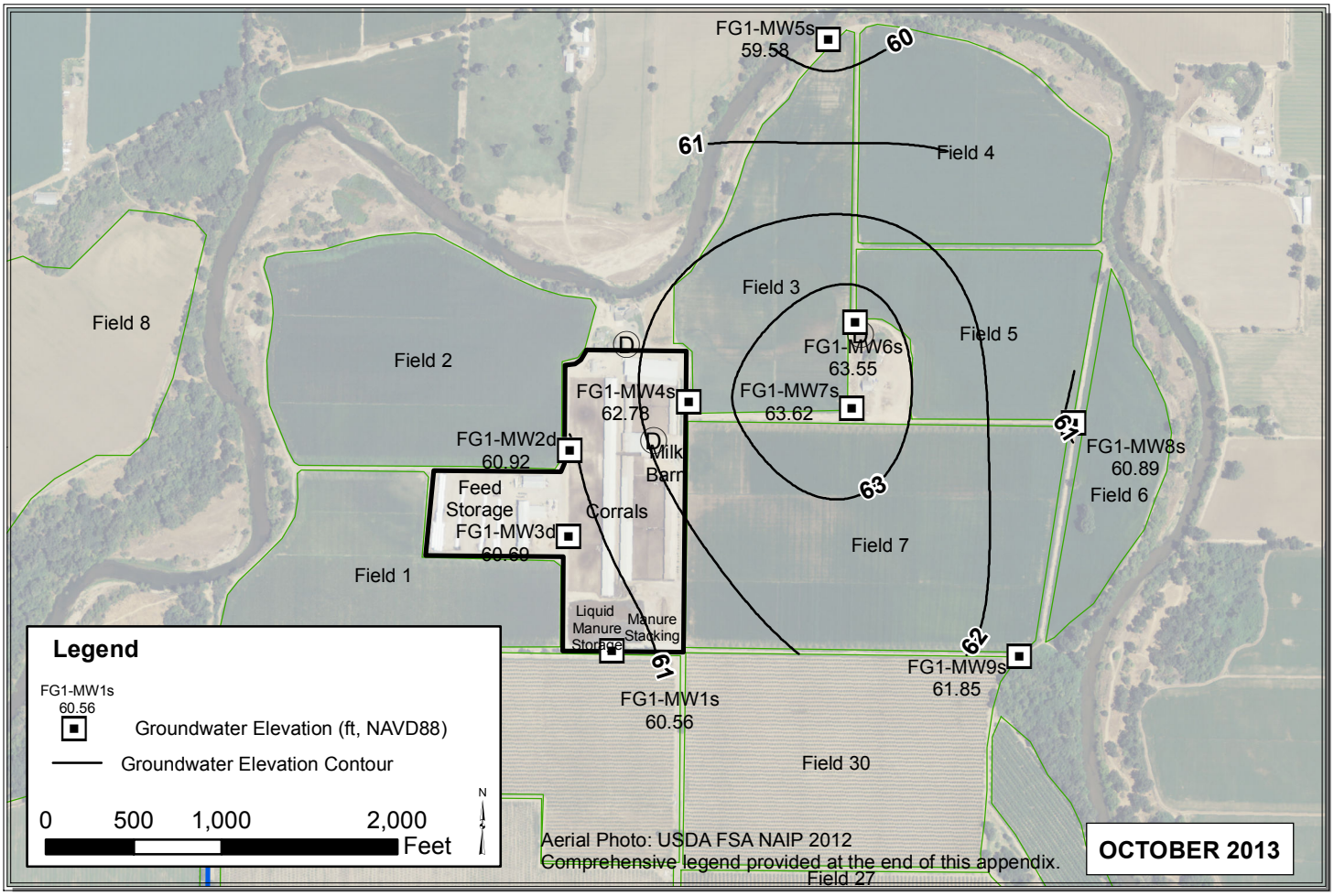

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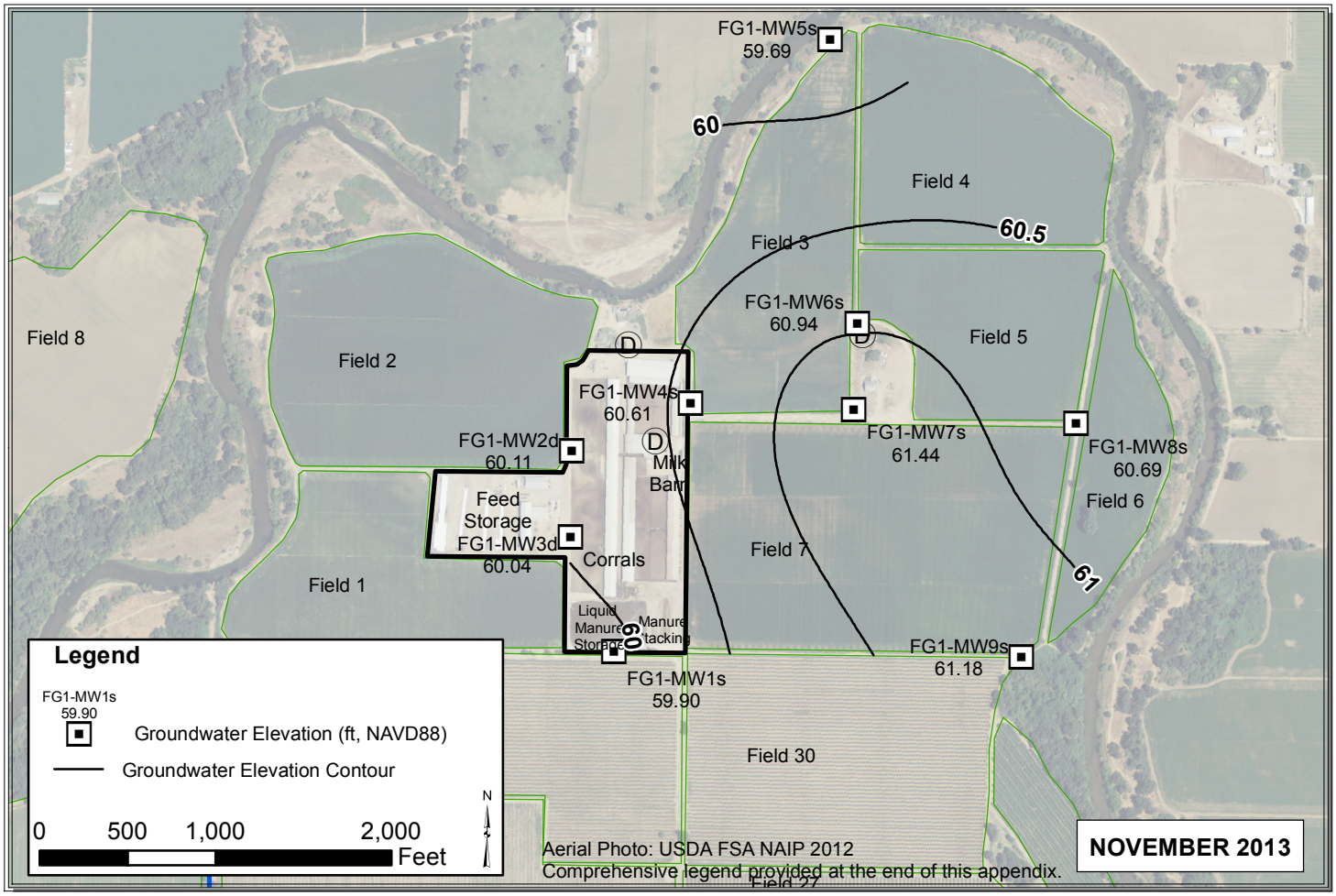

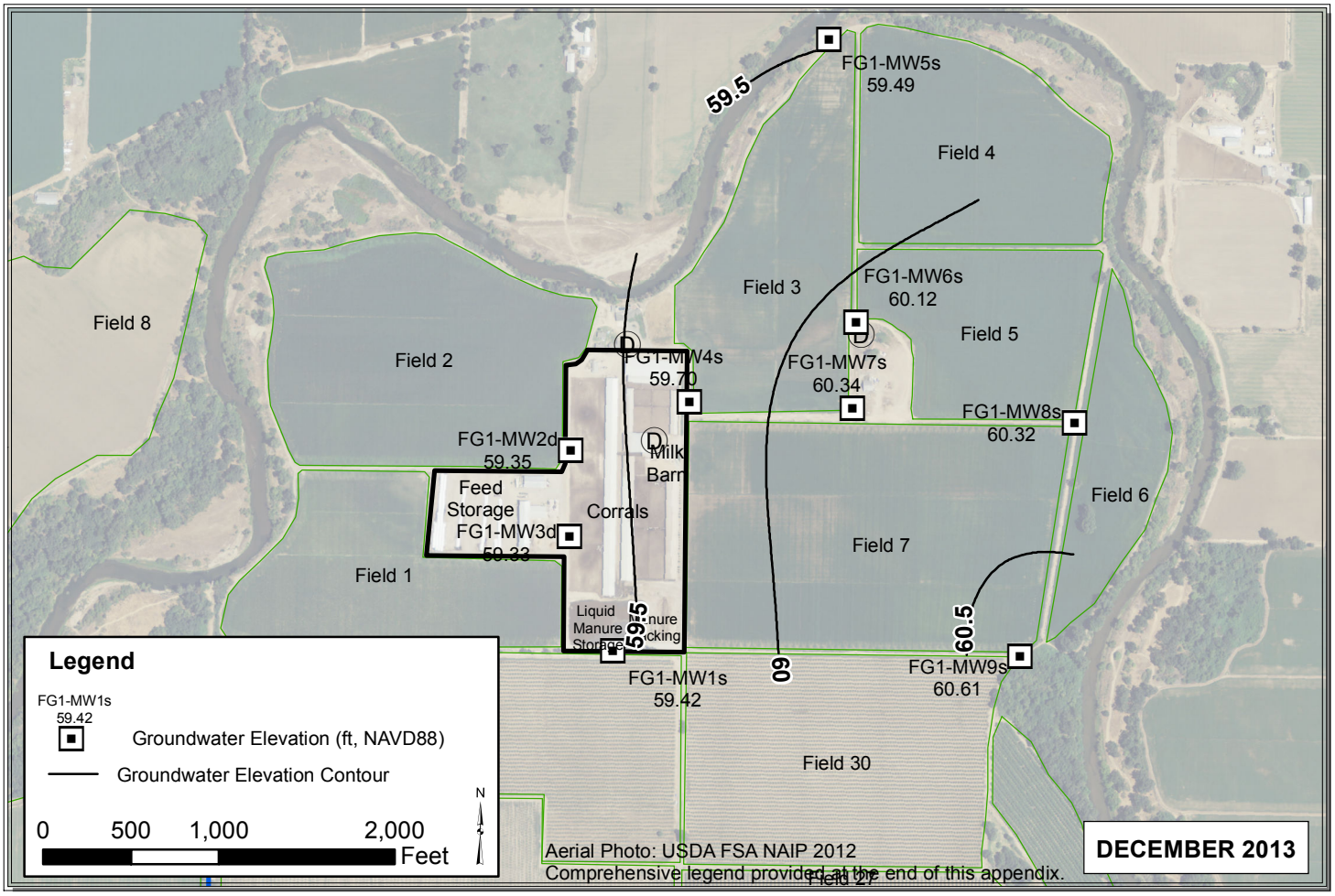

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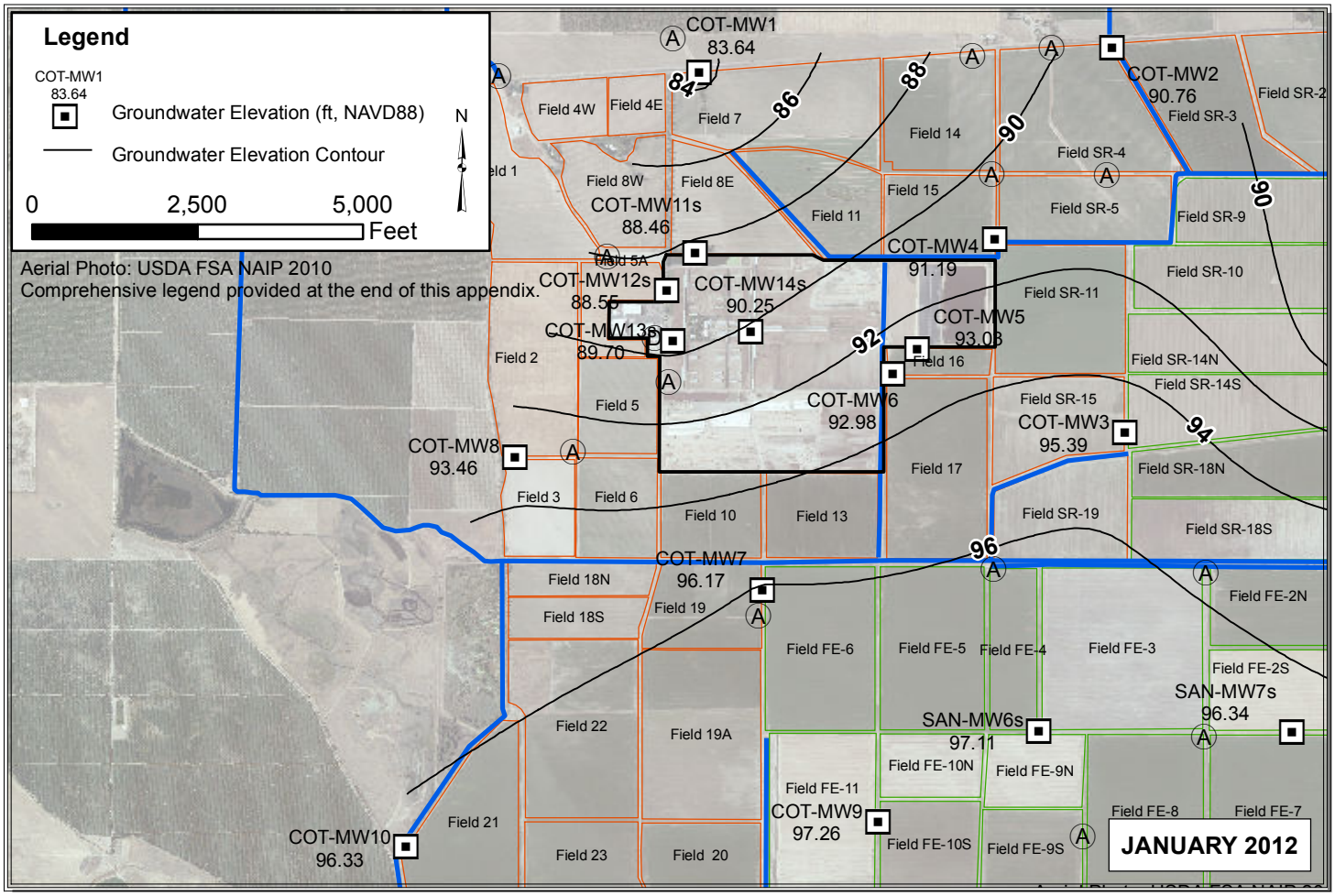
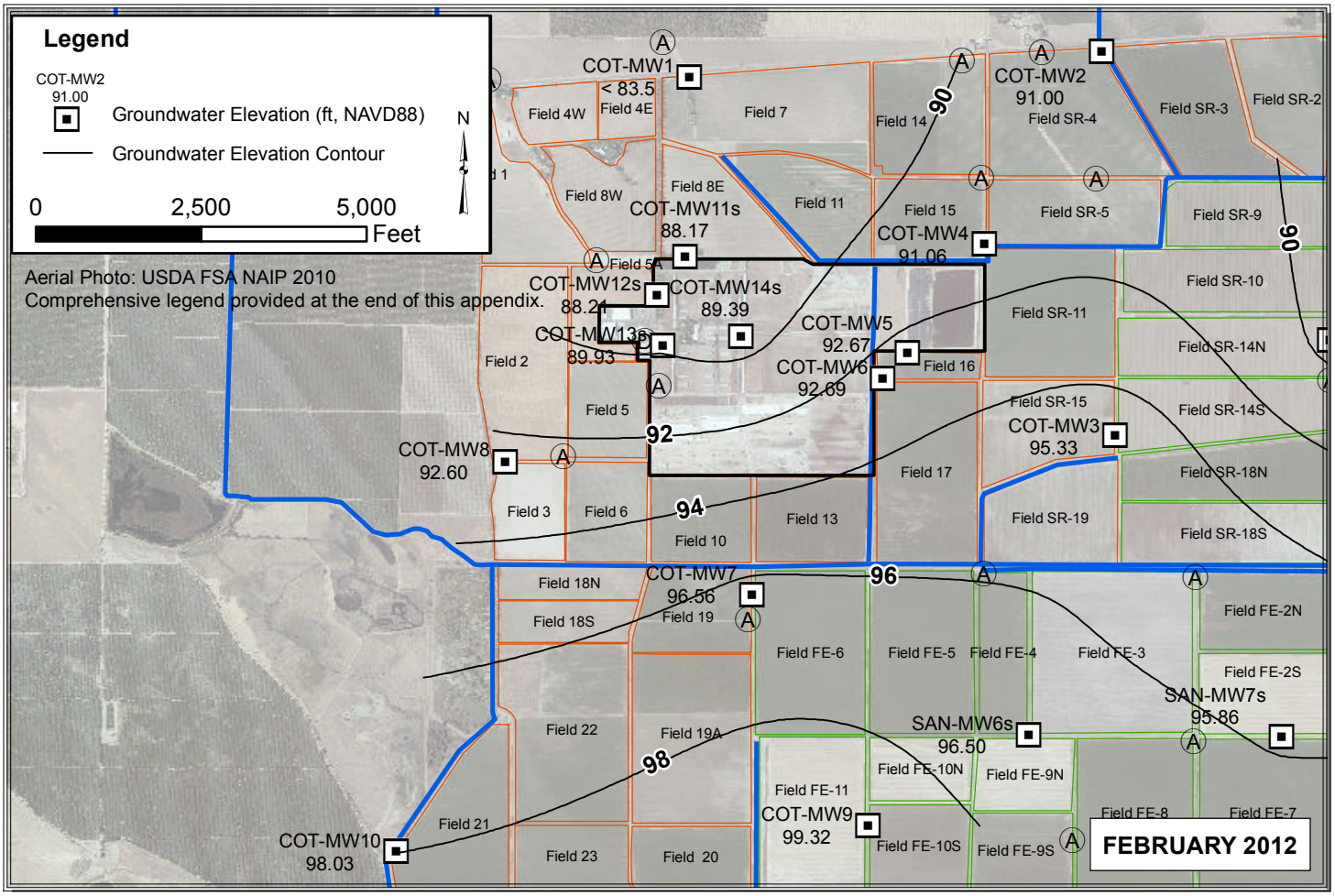
COT





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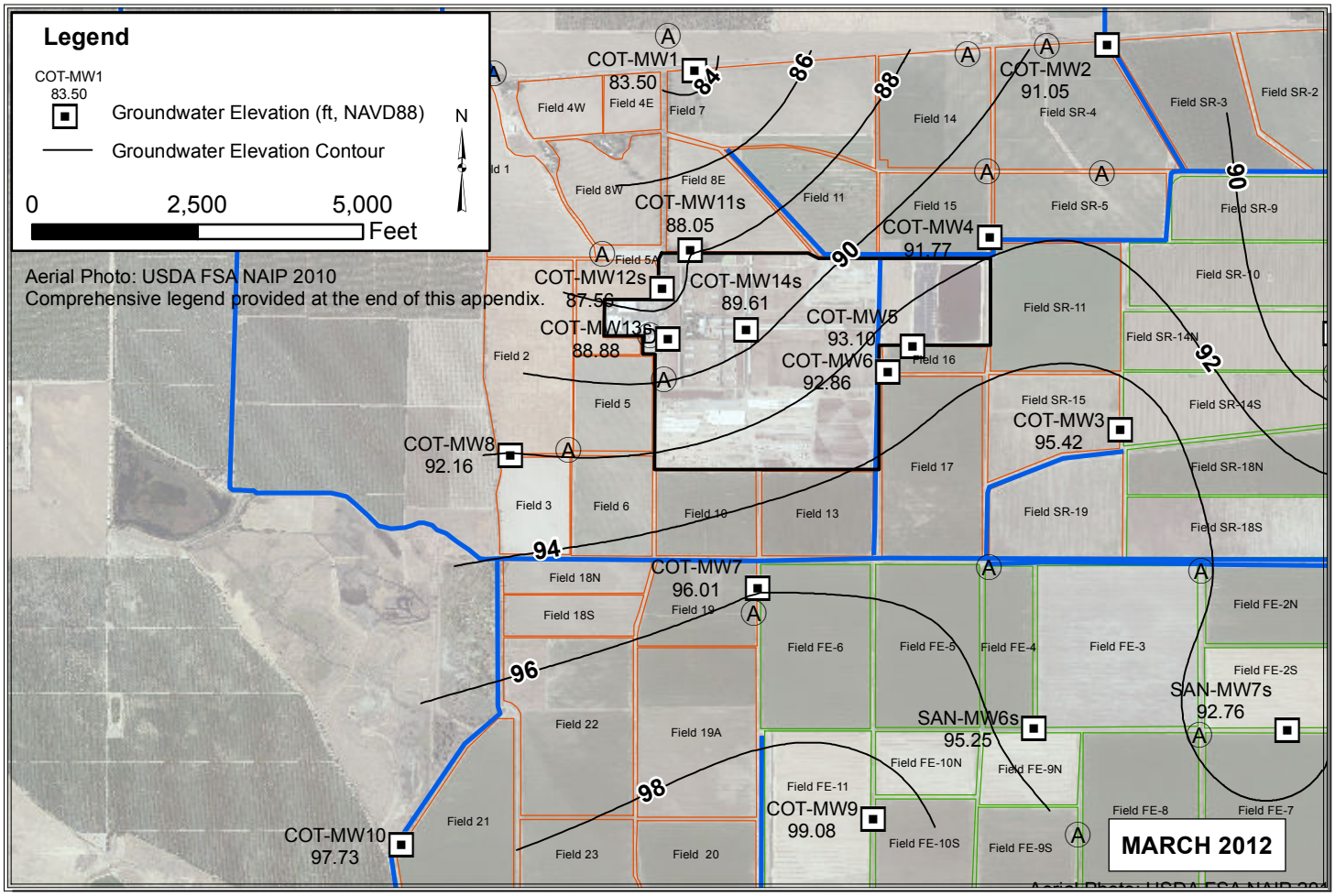

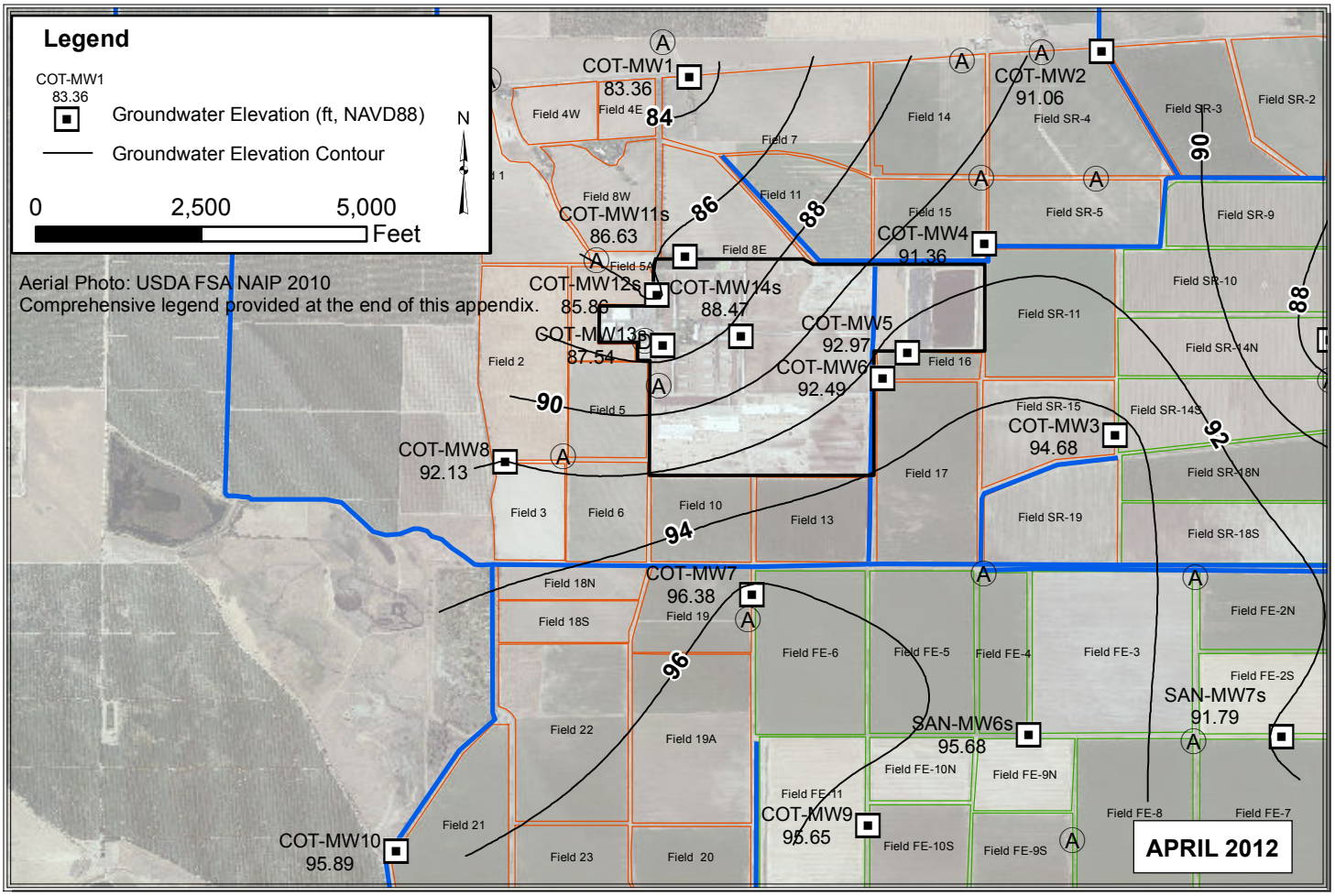

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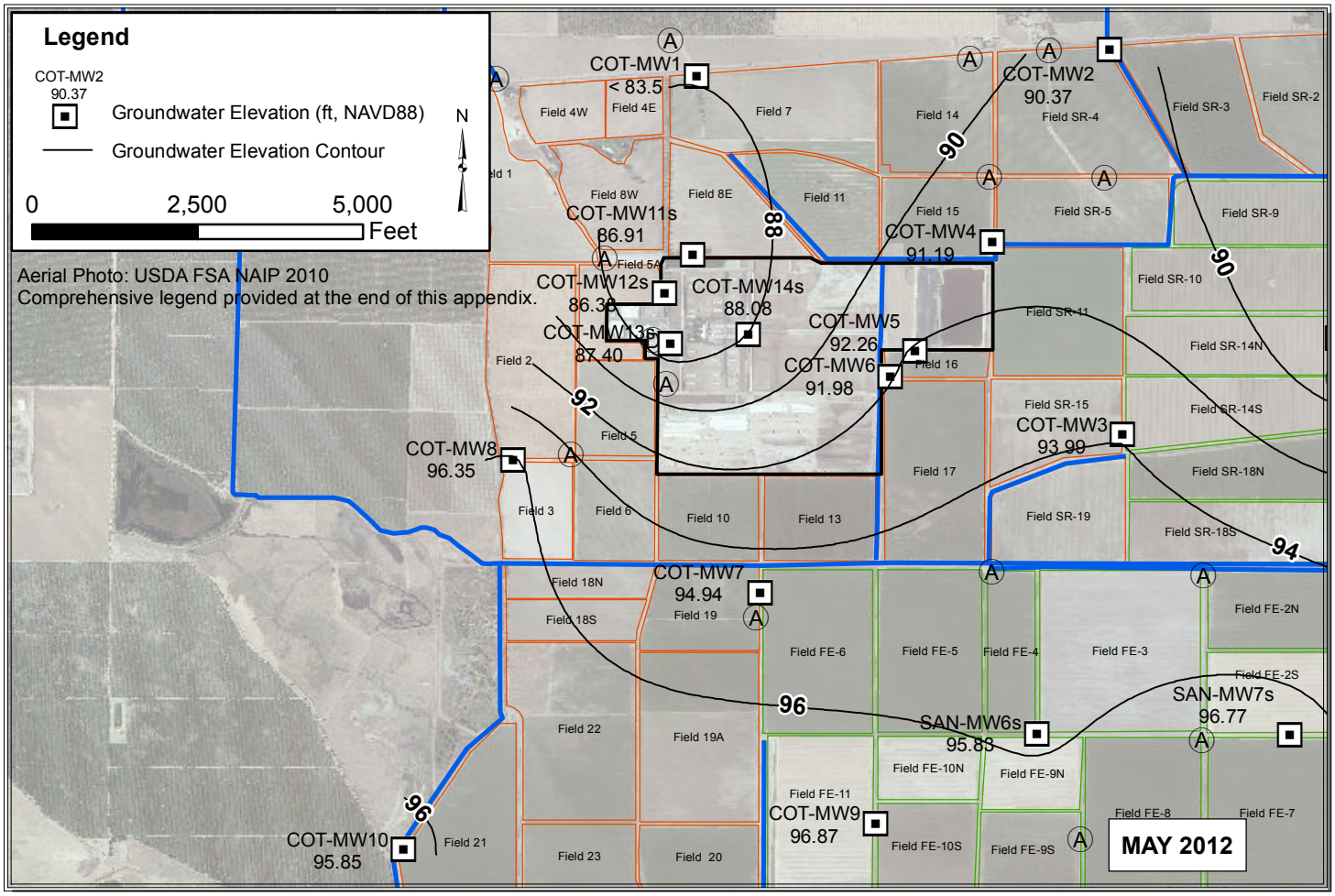

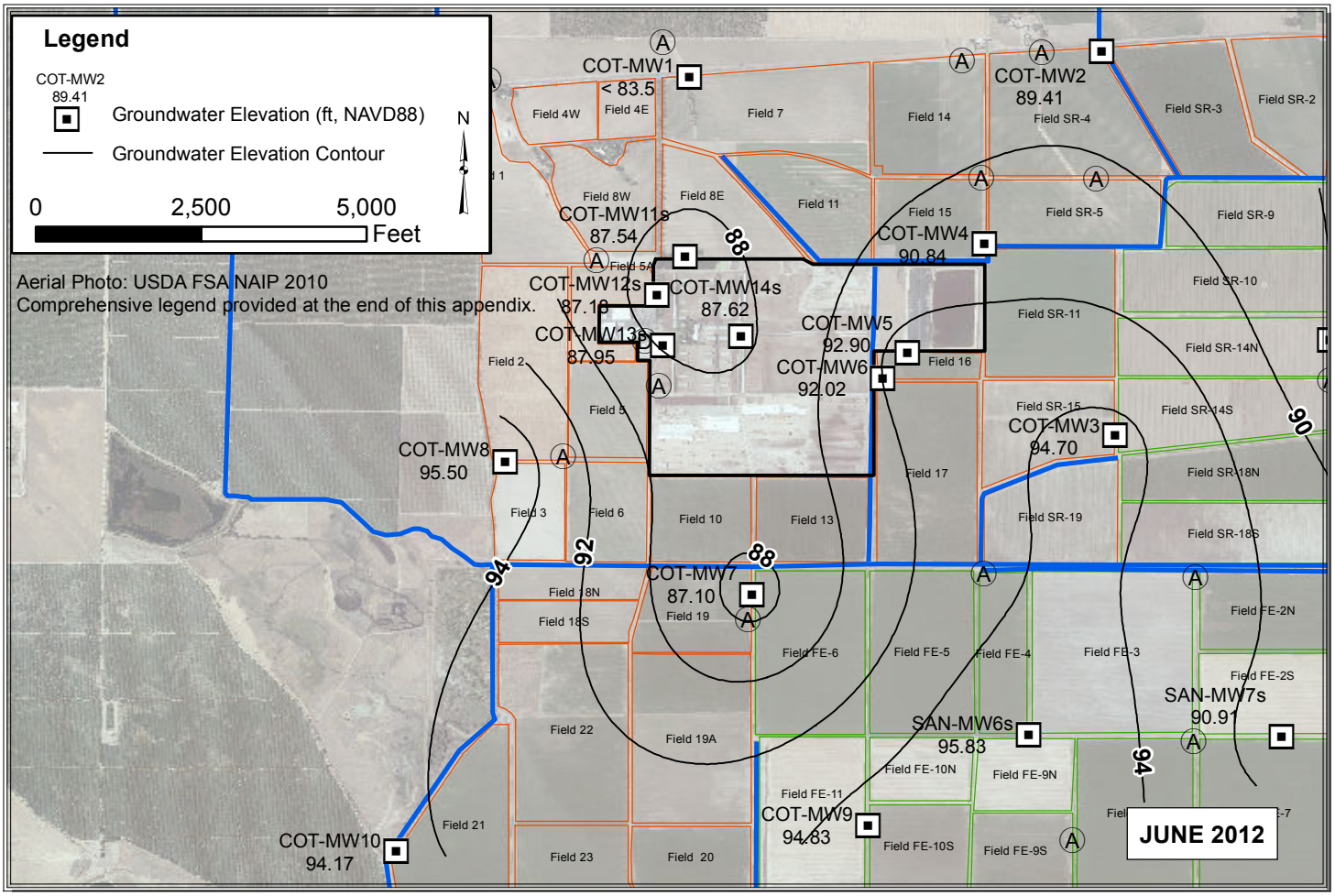

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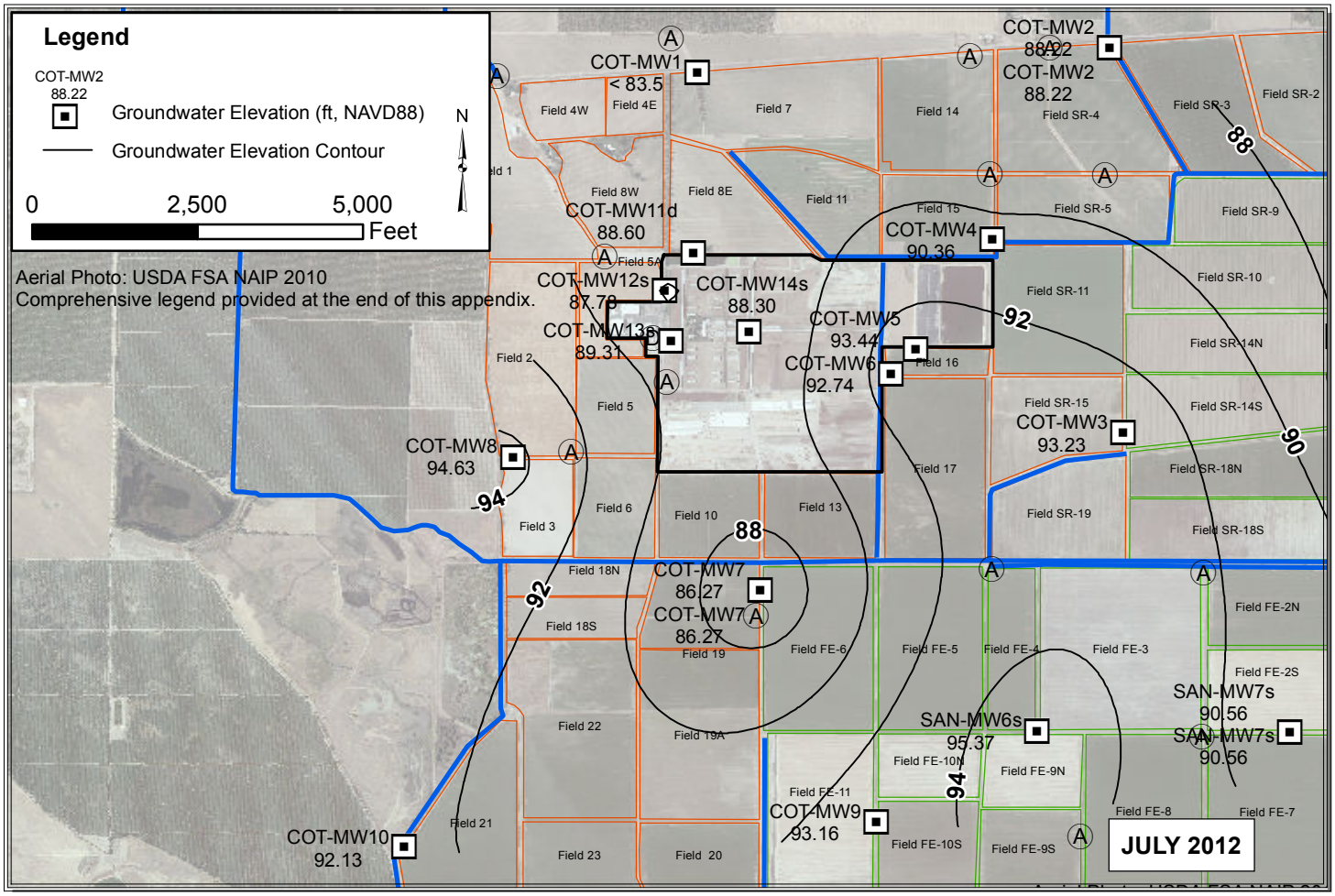

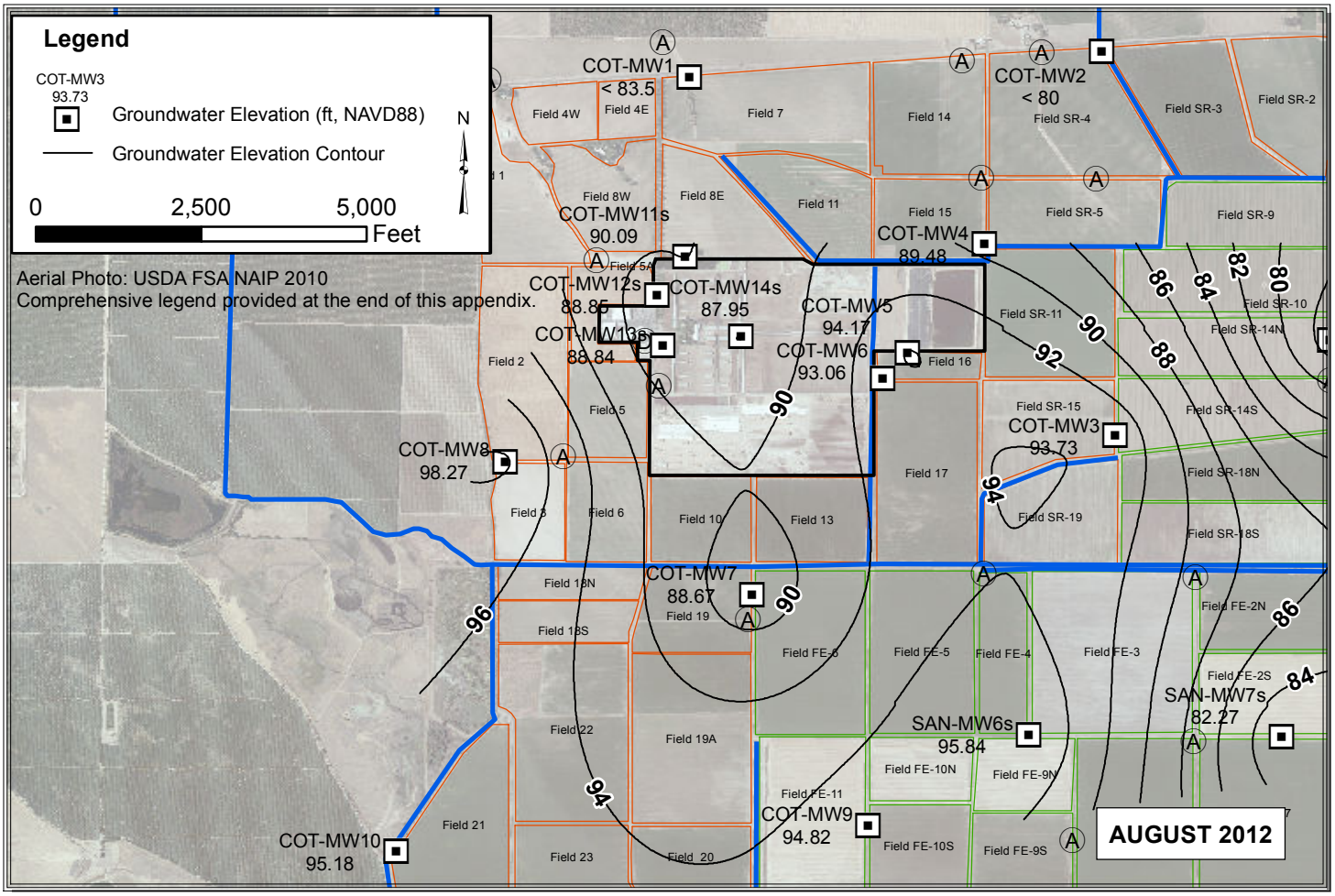

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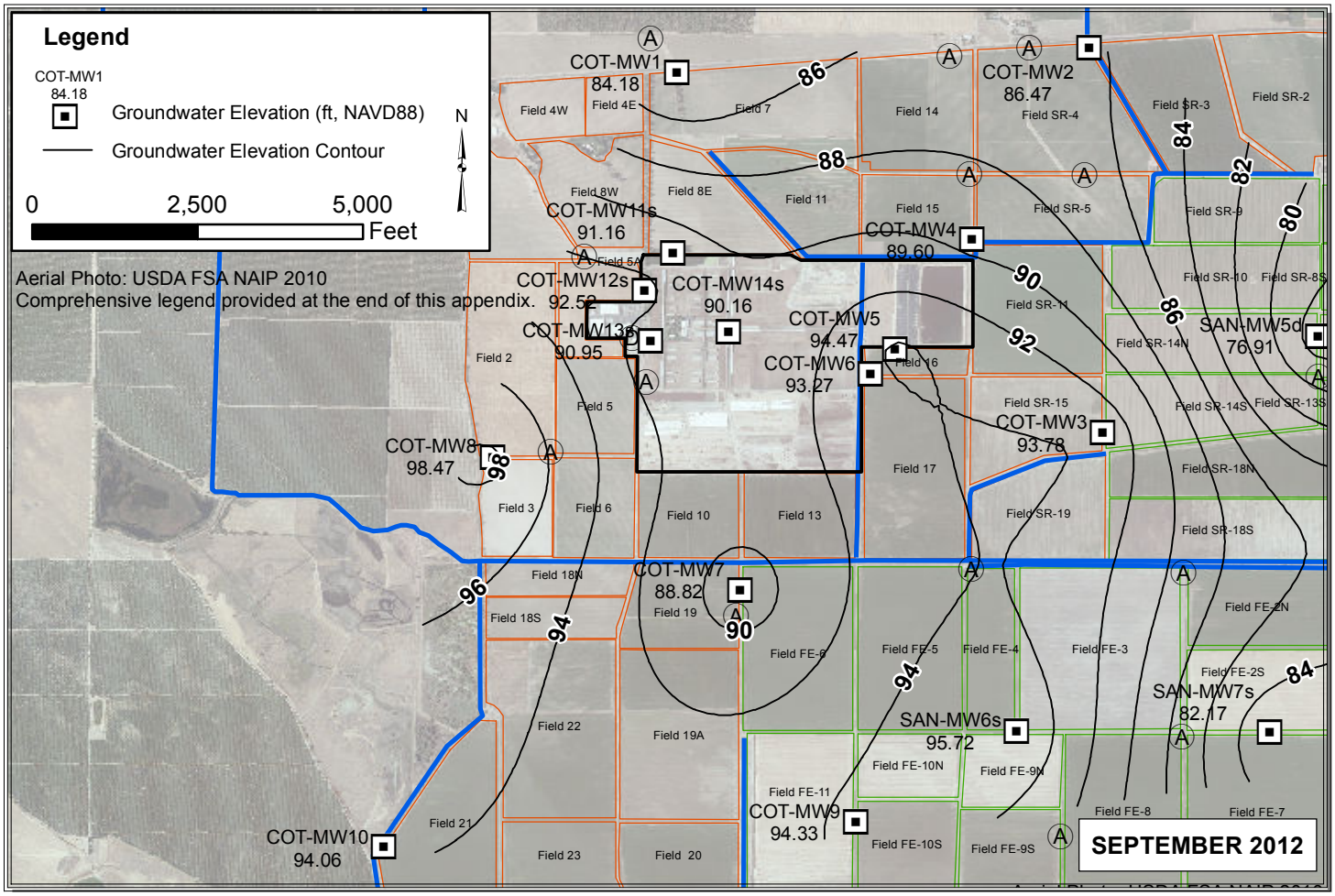

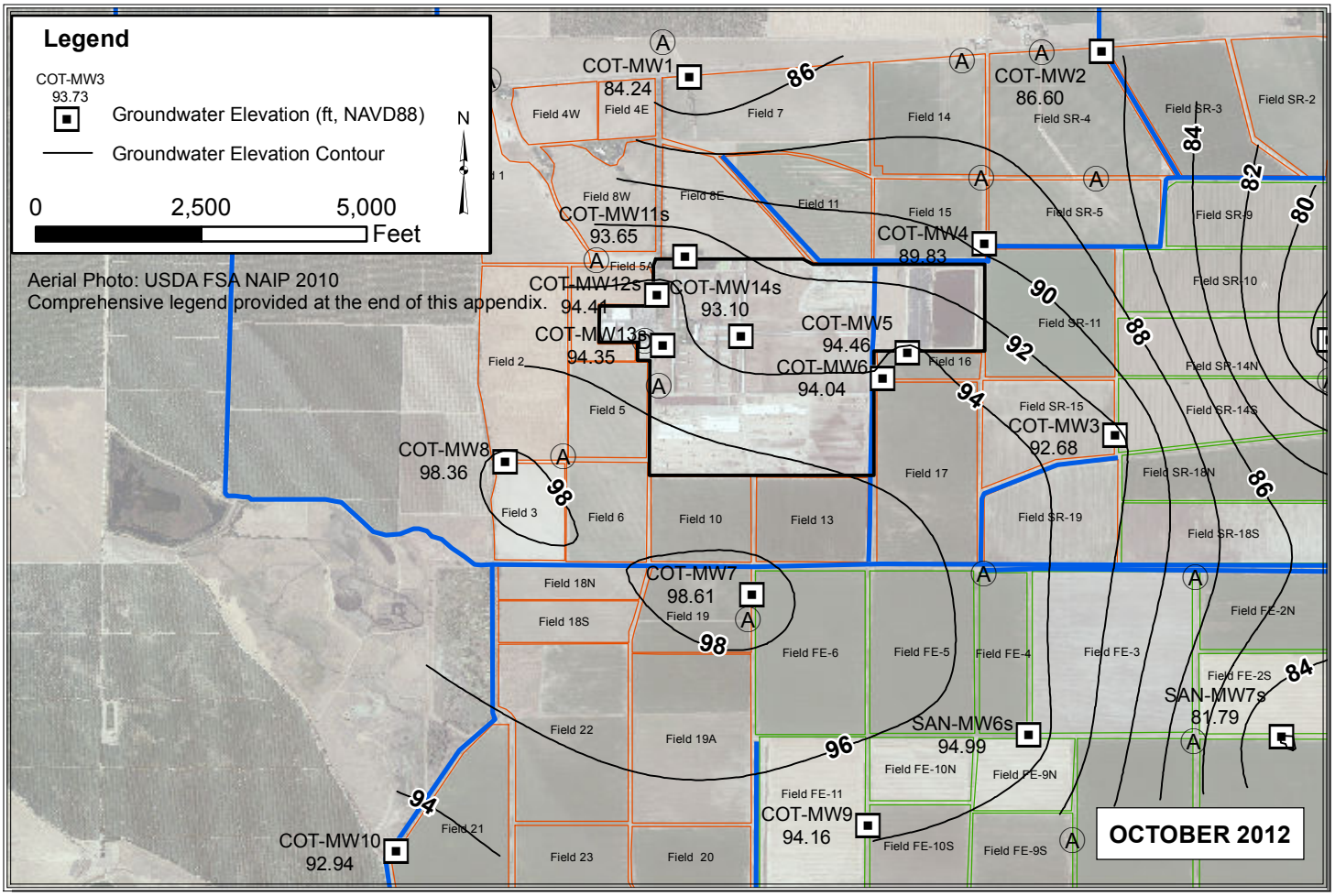

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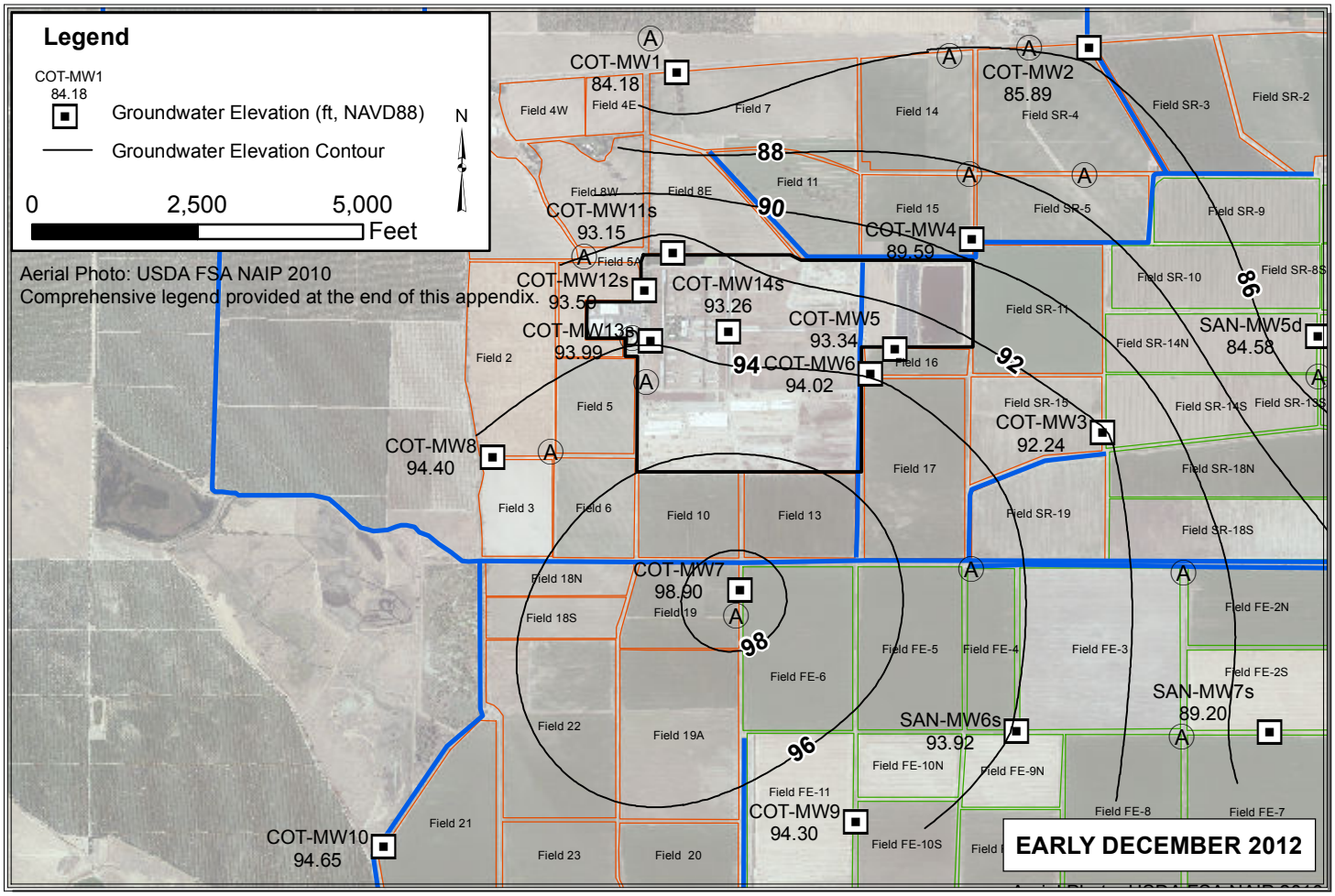

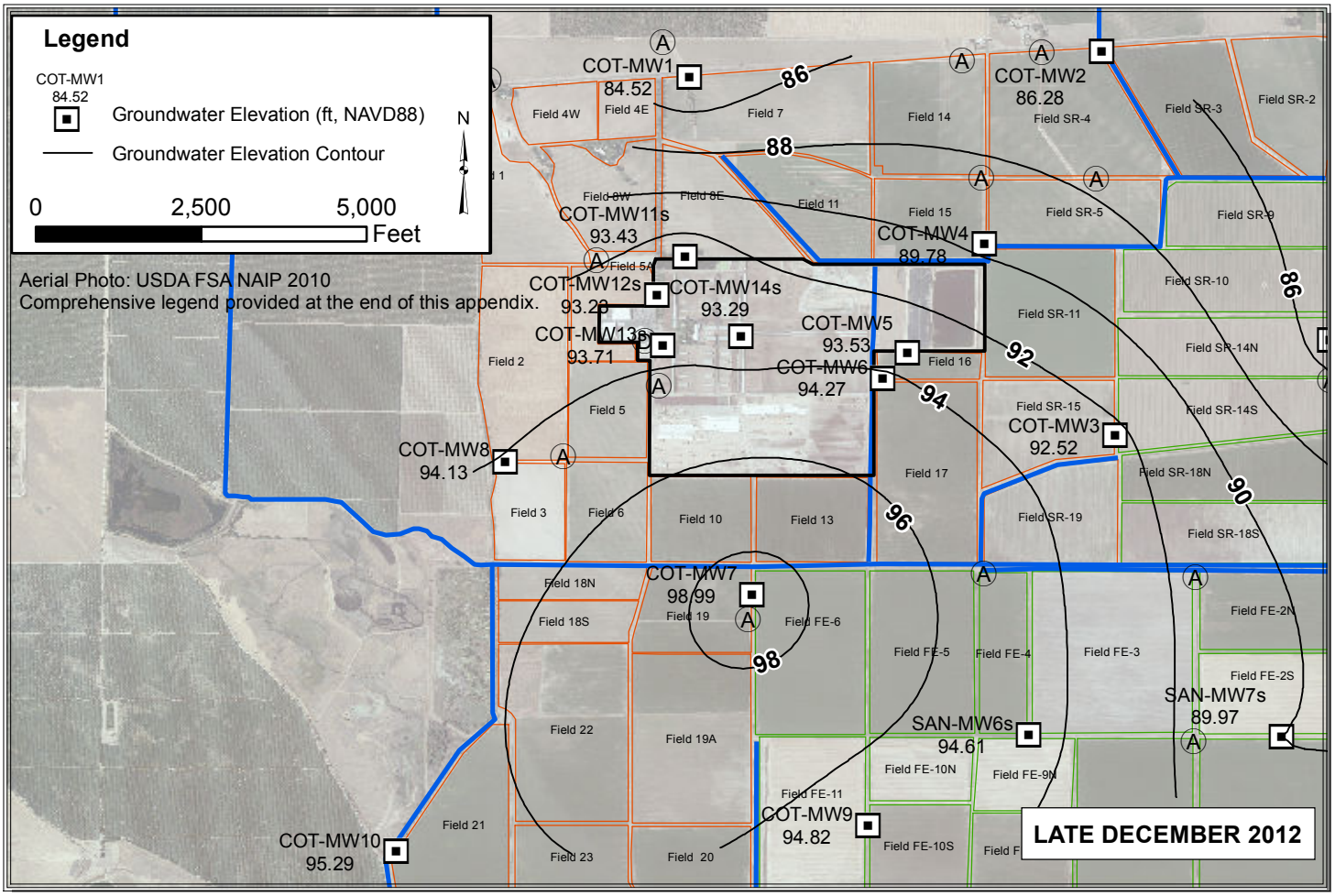

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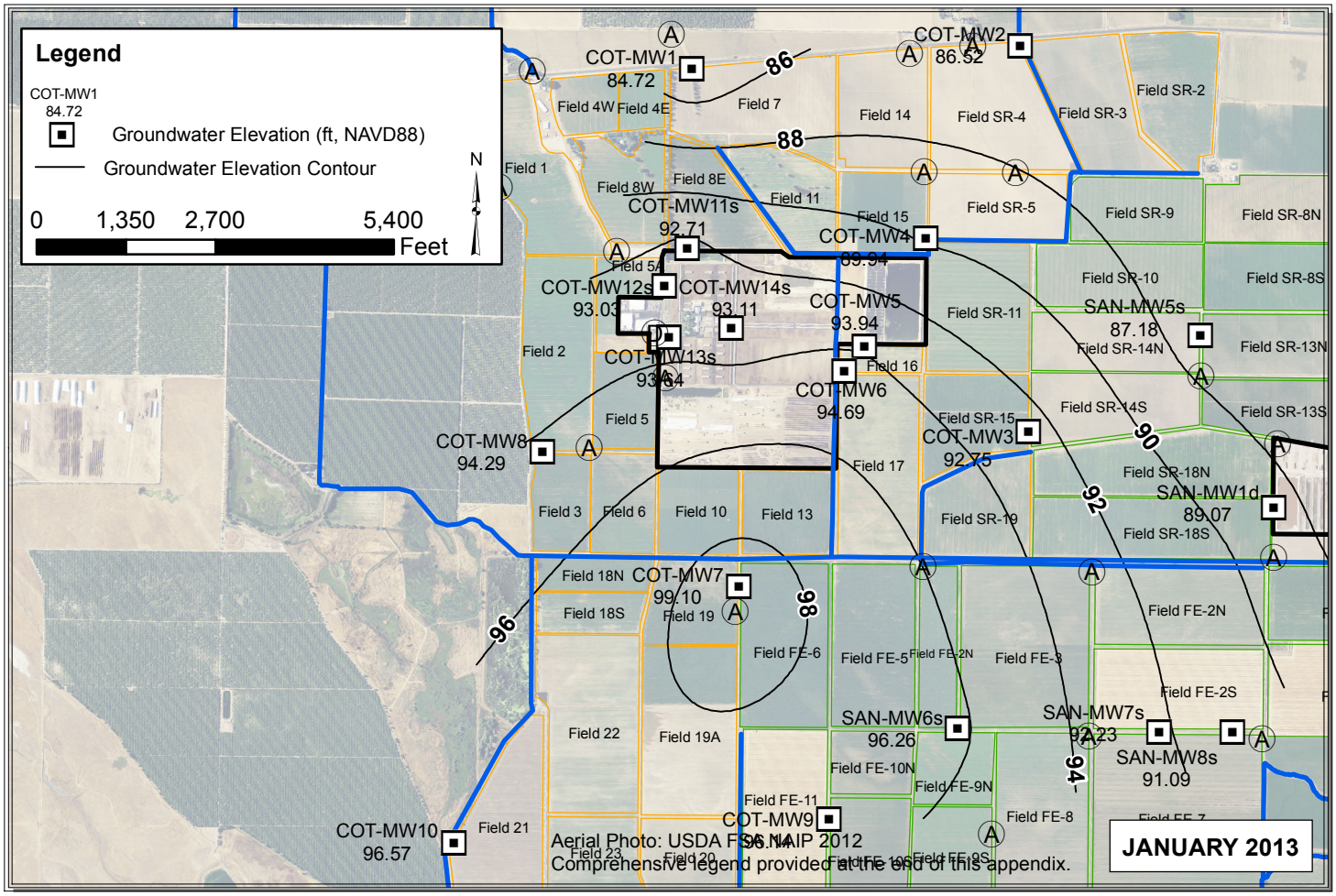

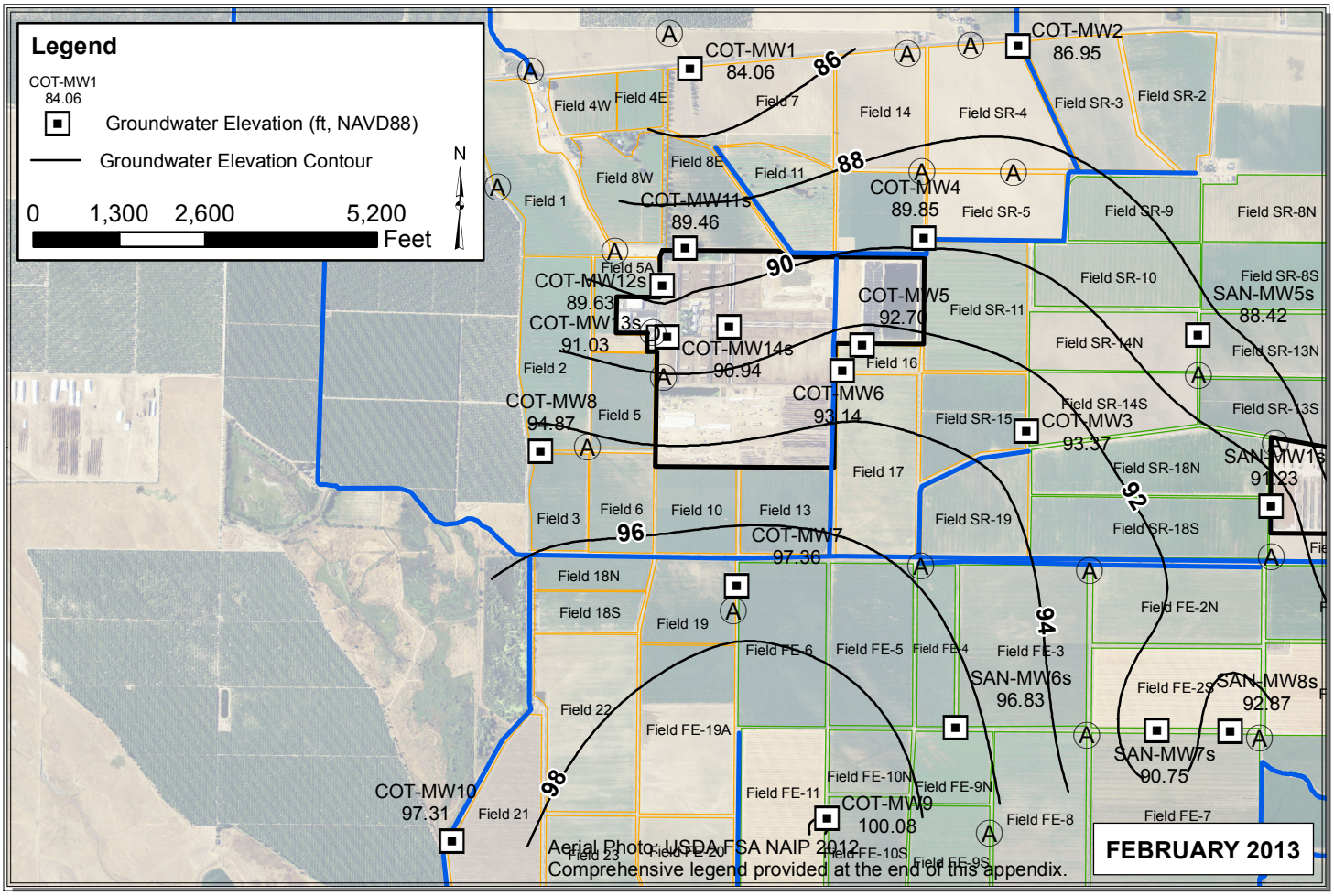

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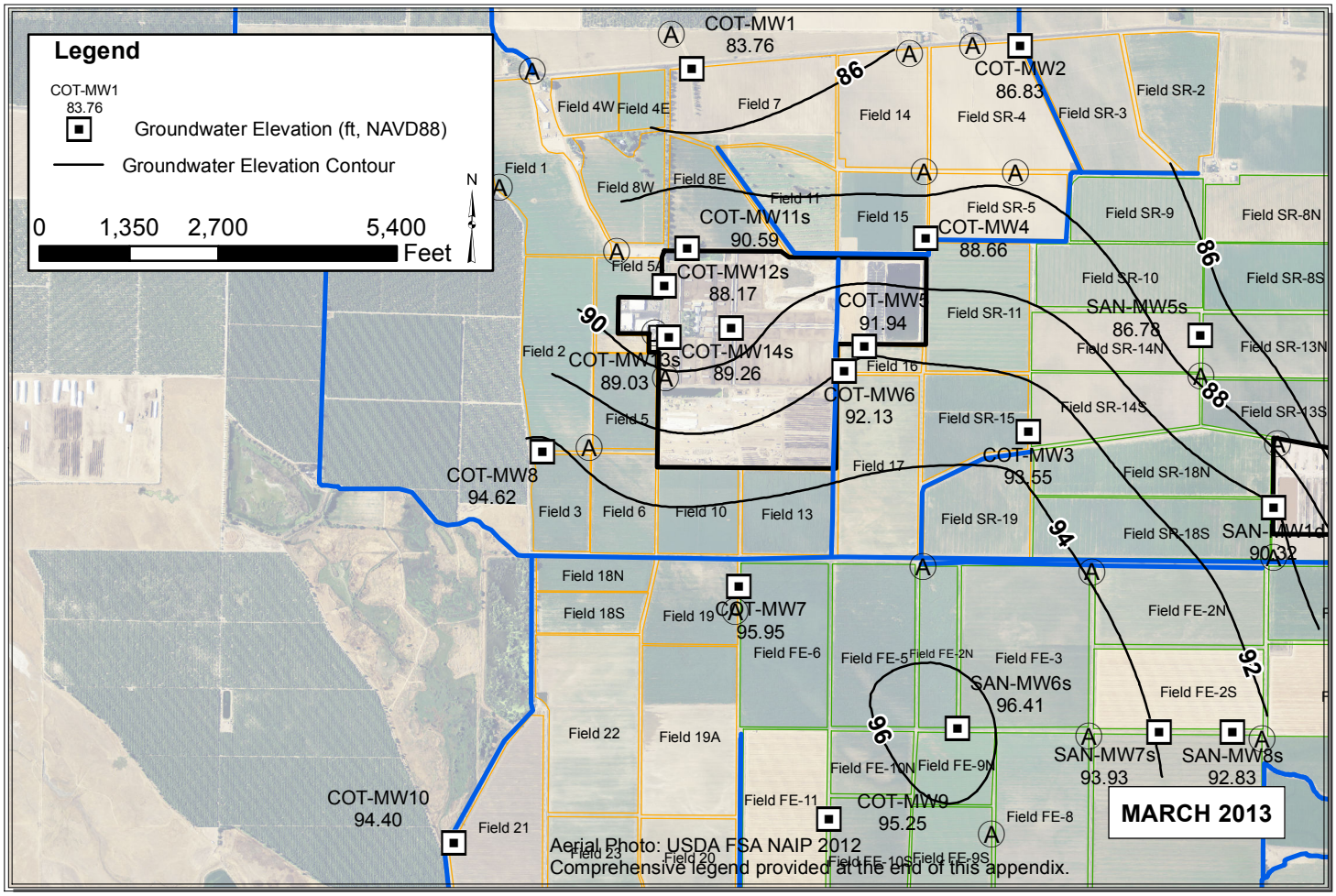

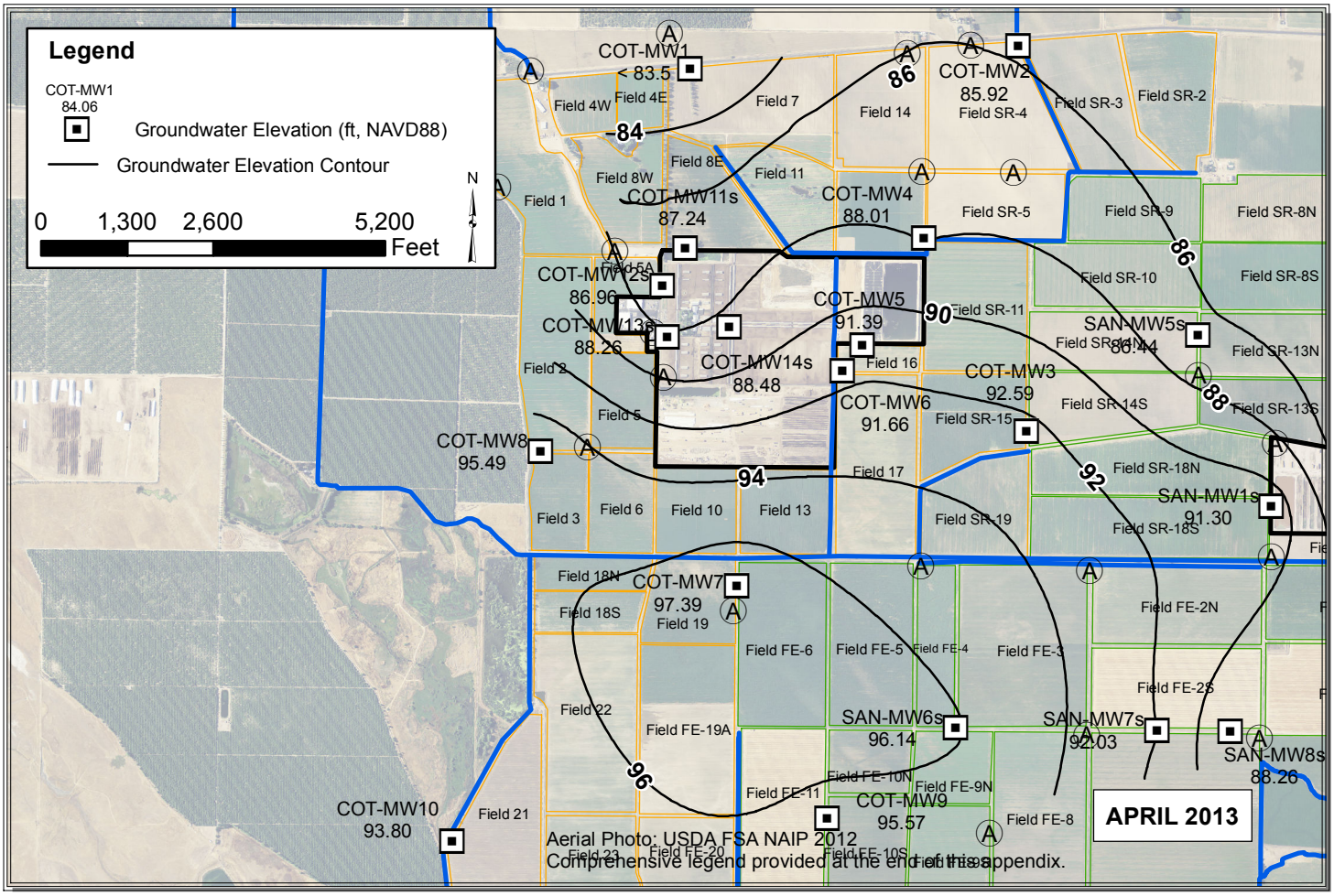

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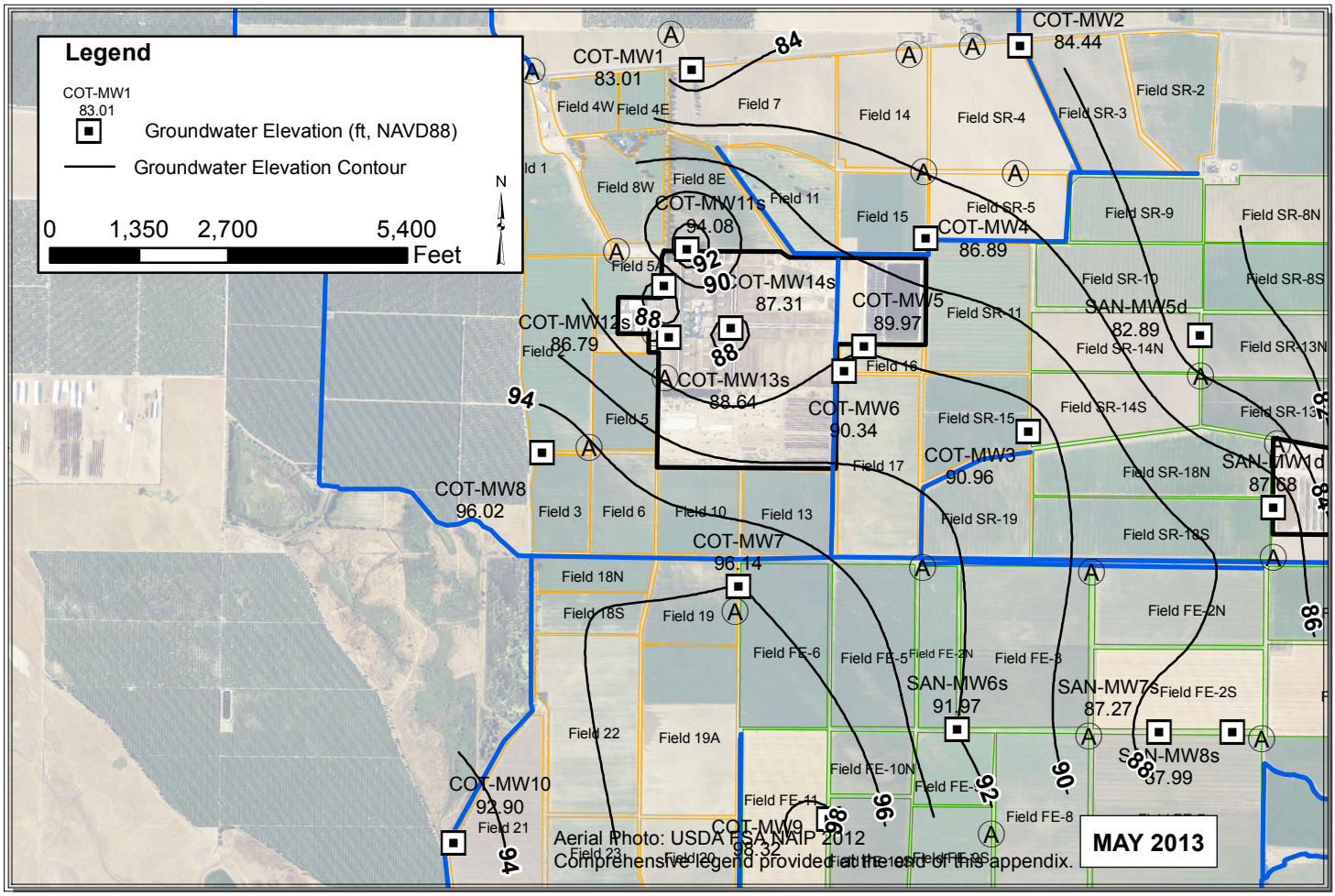

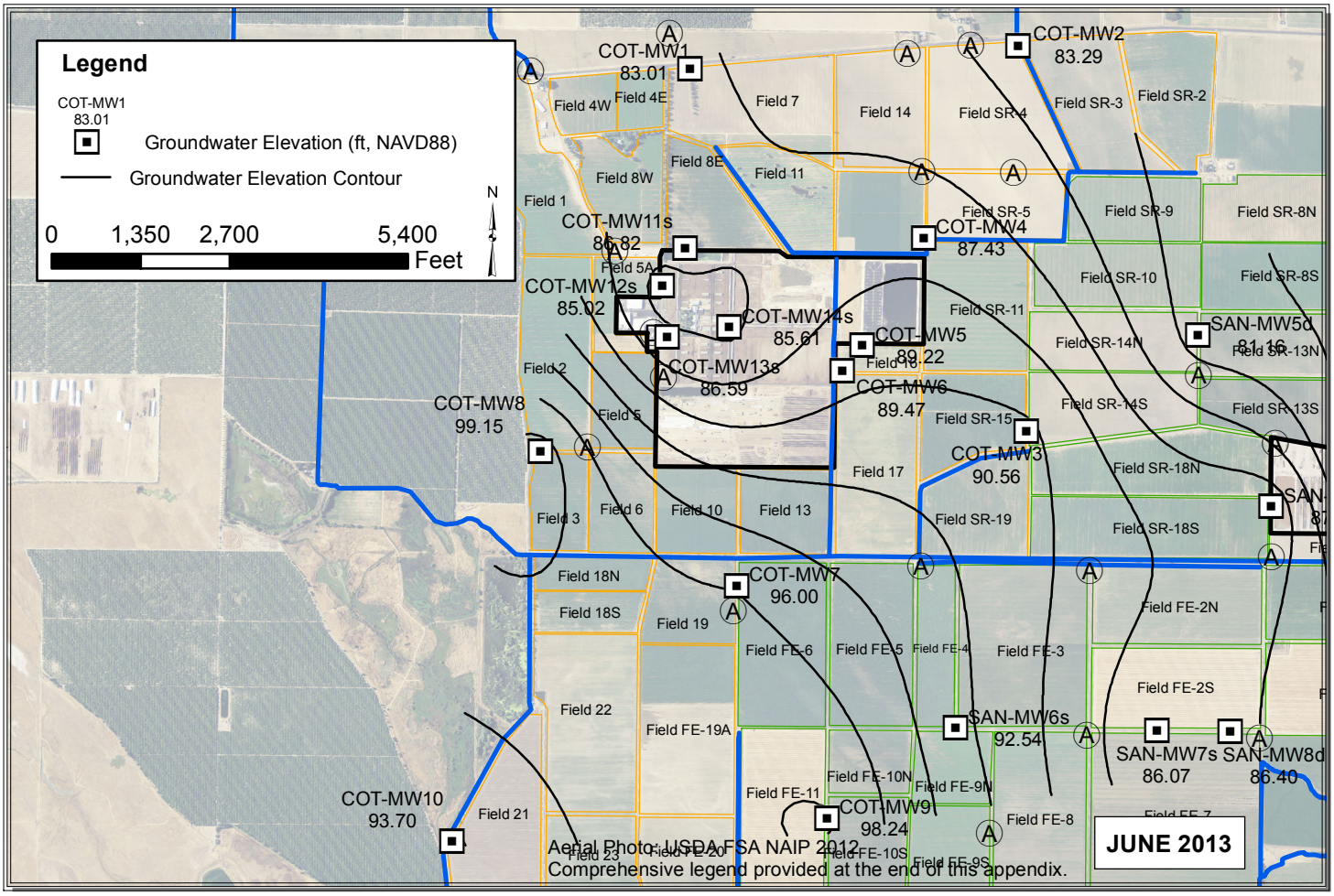

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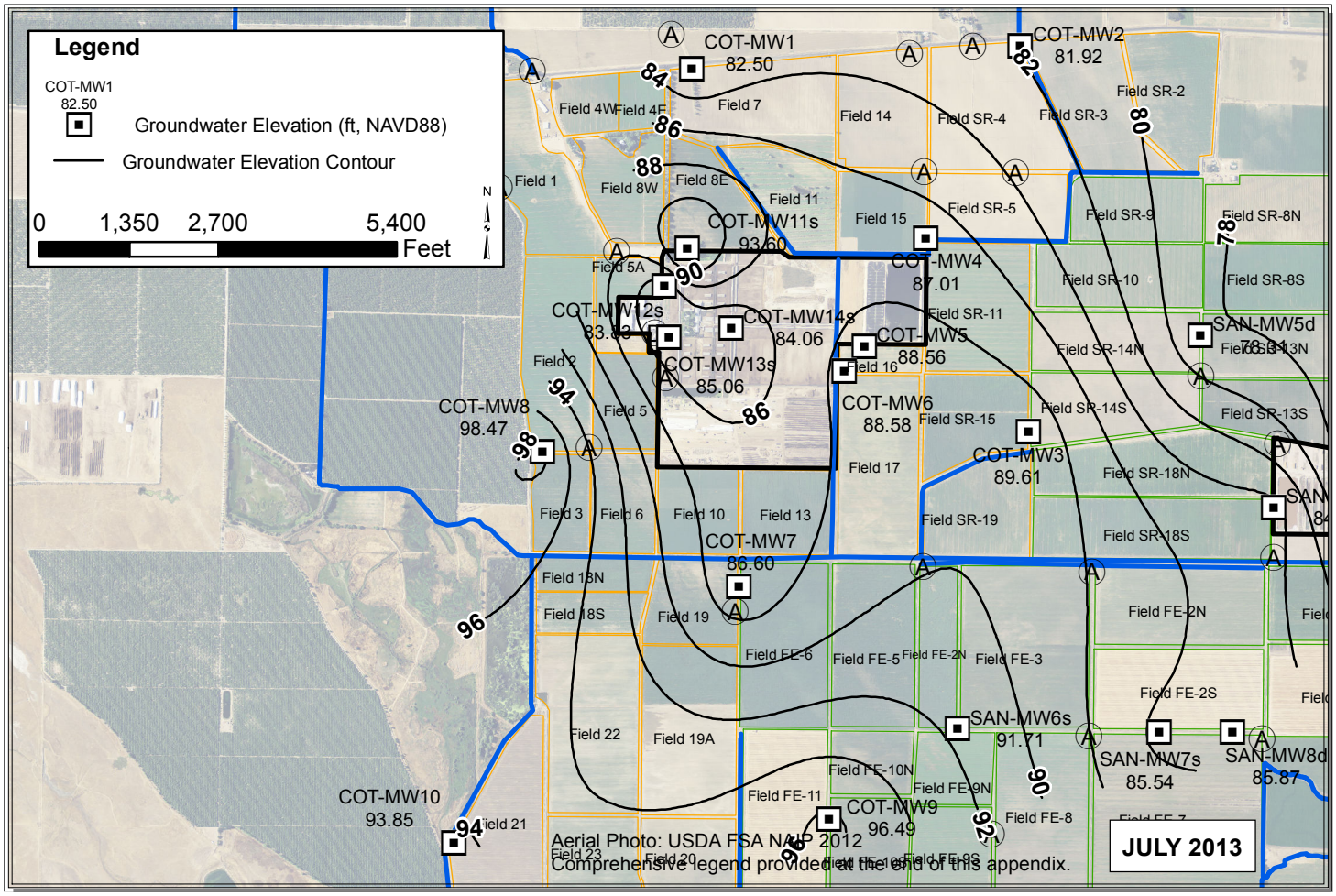

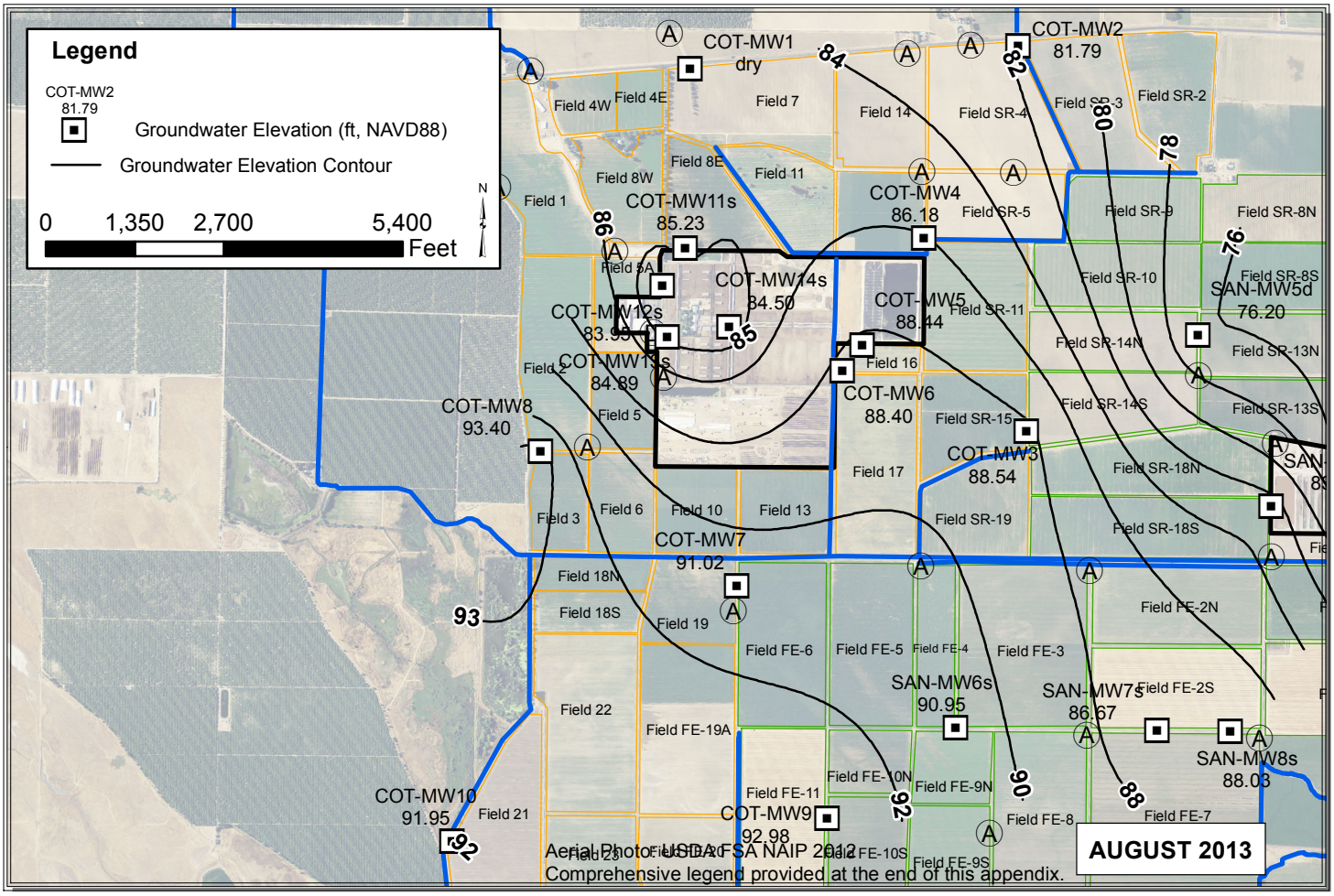

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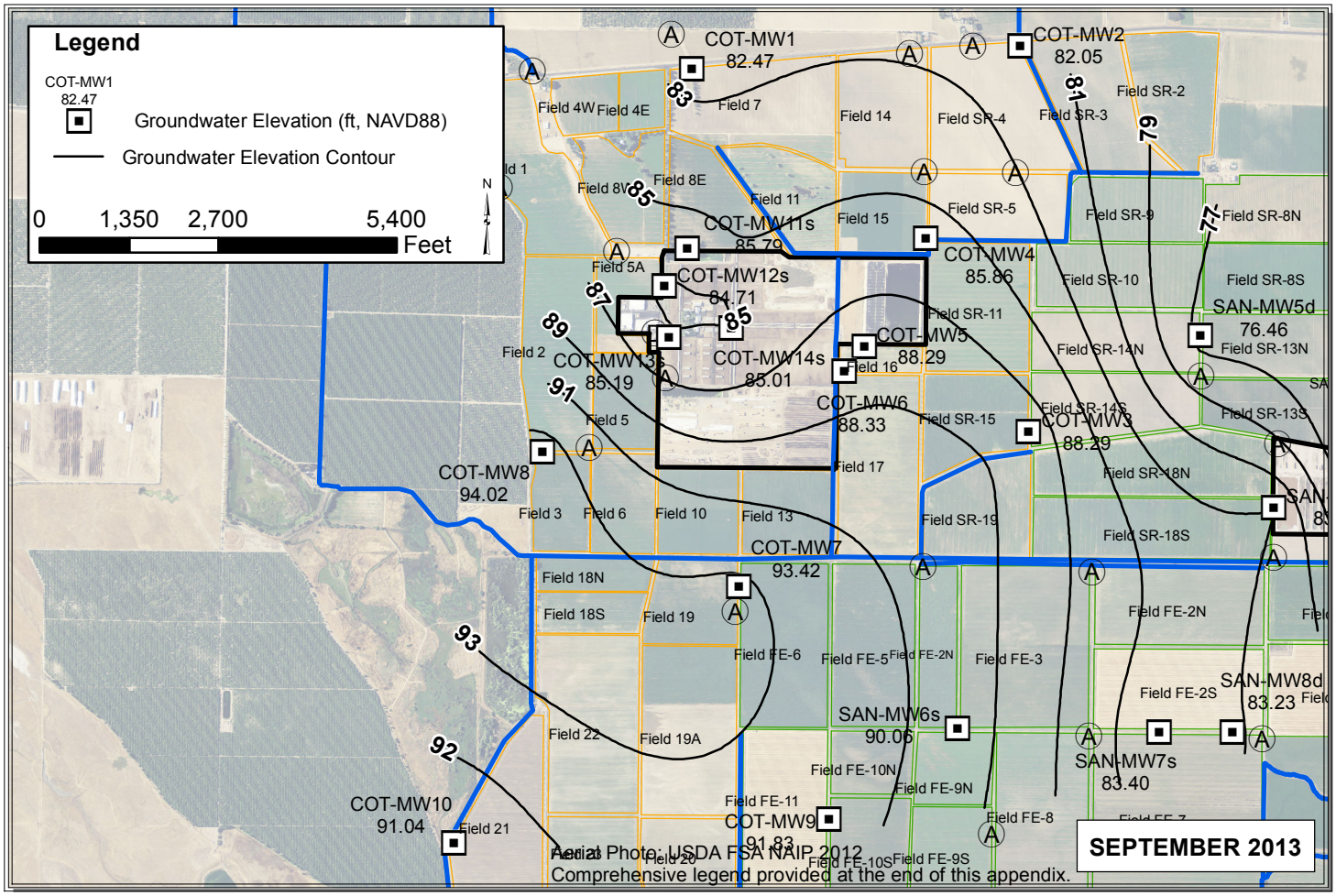

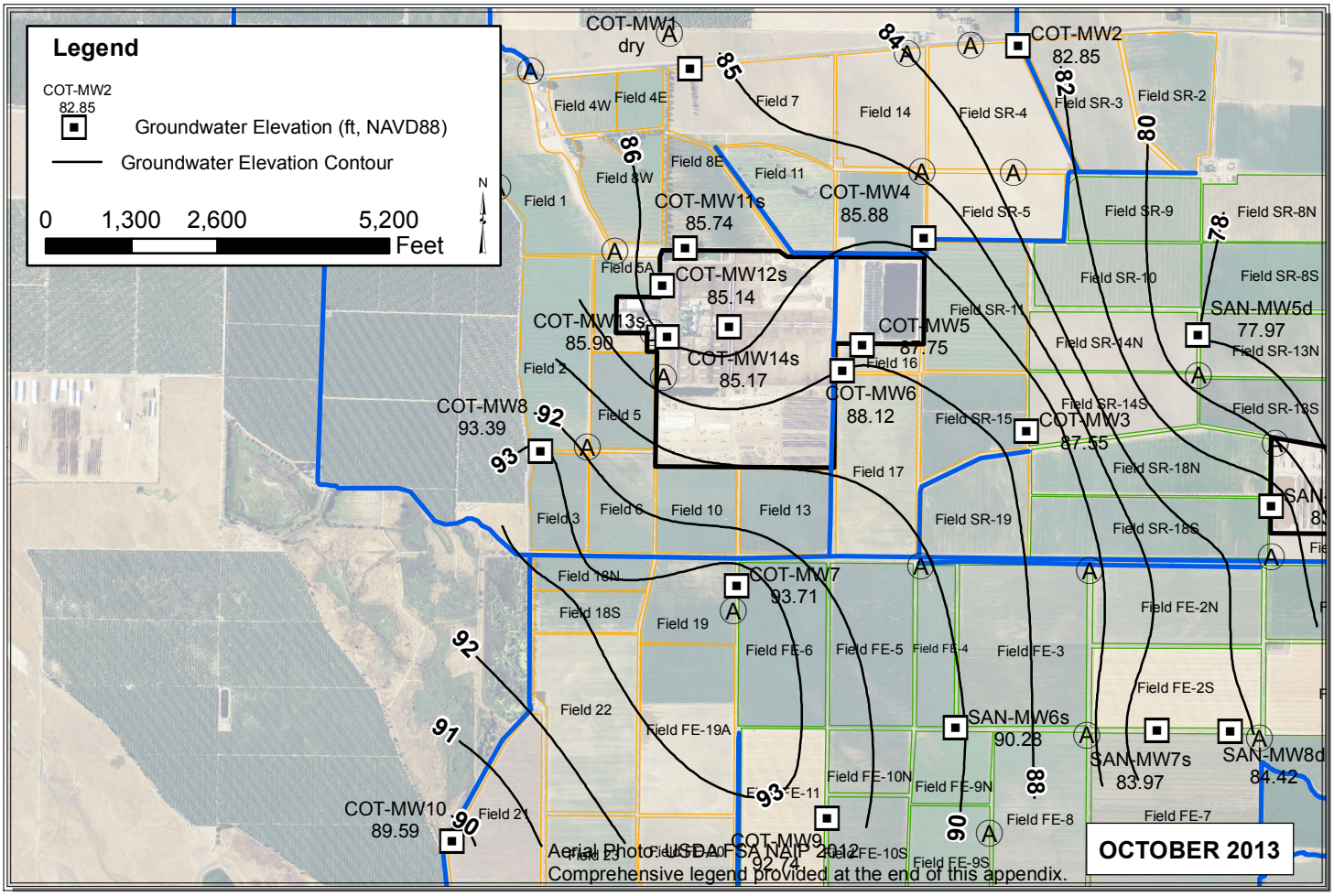

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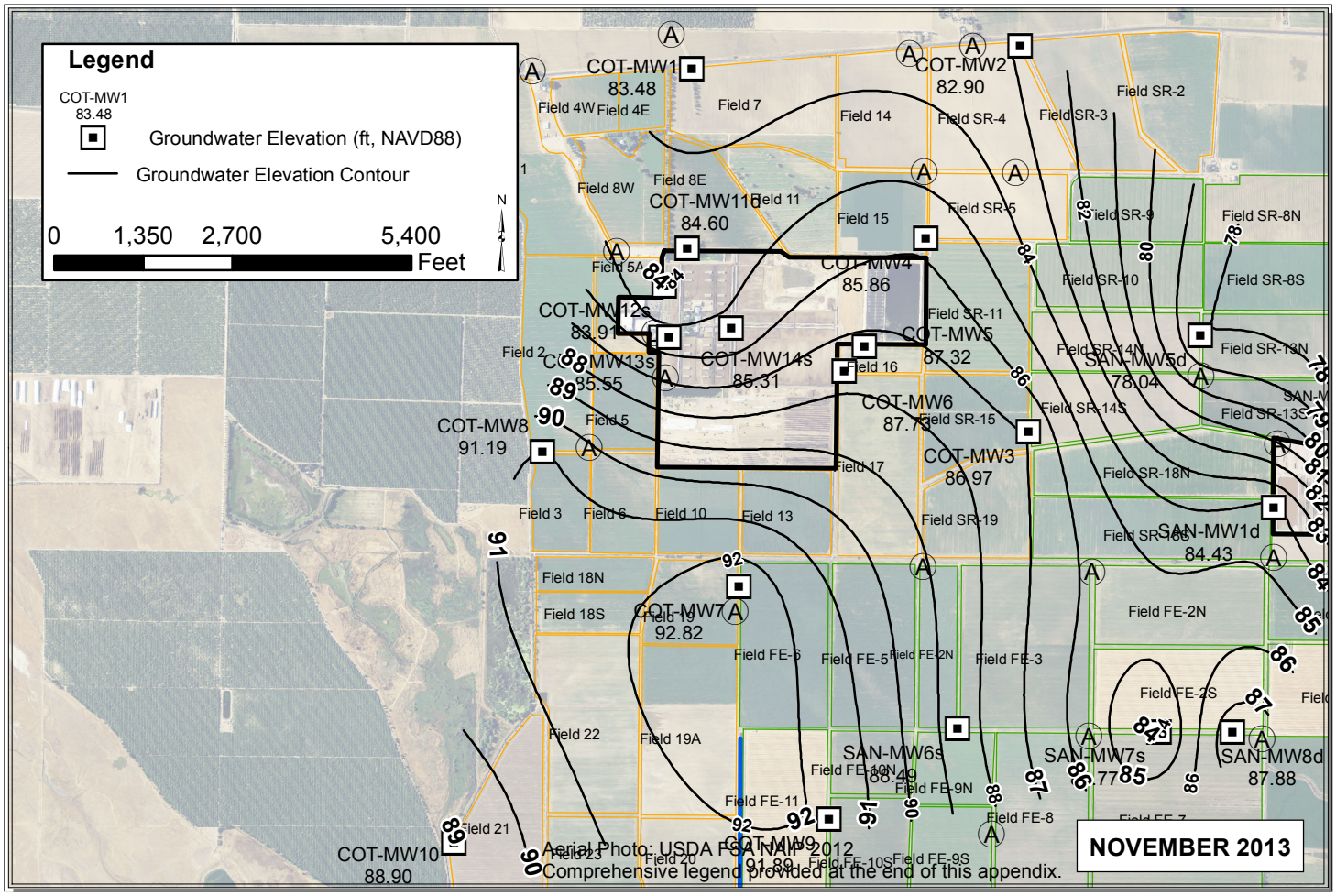

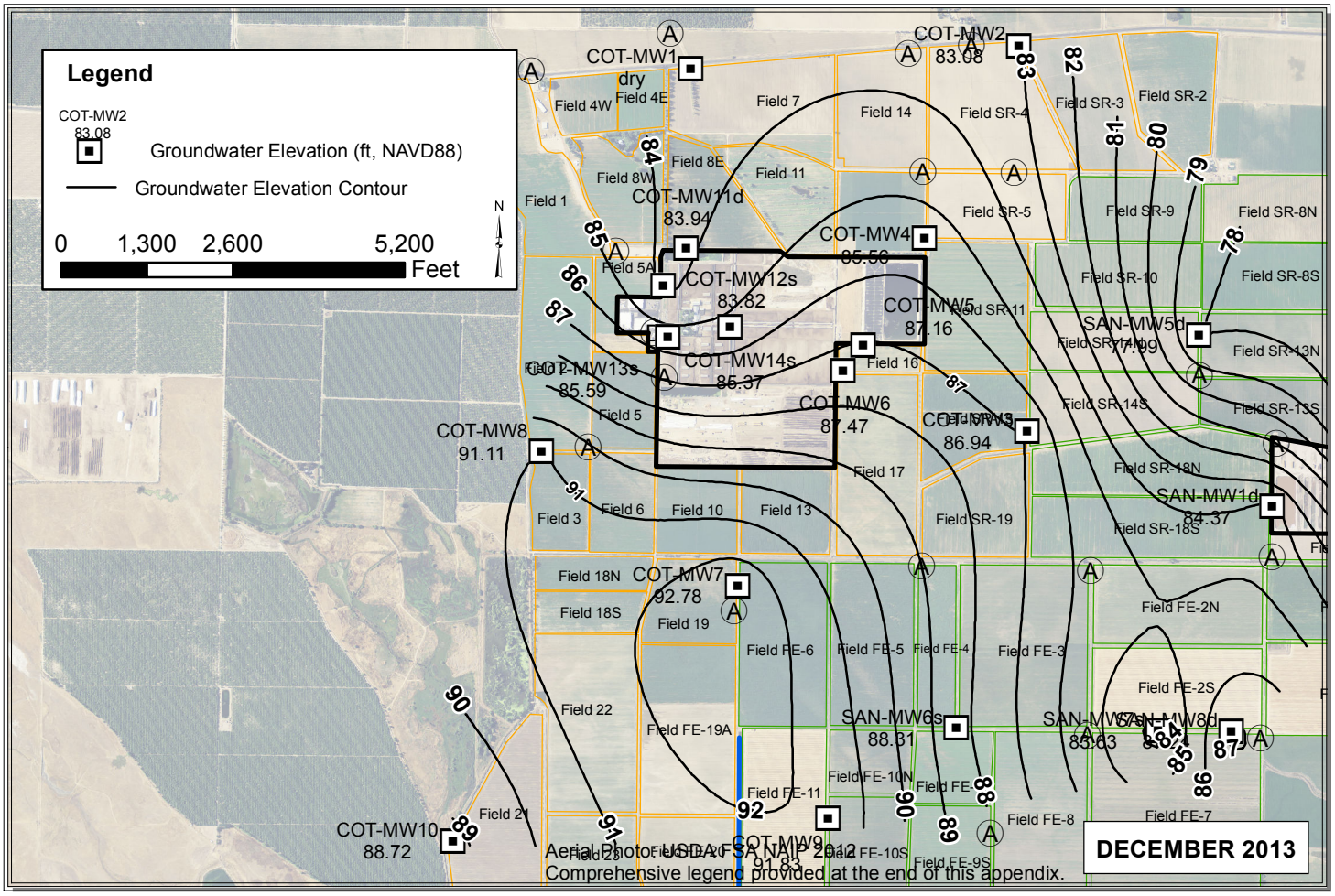

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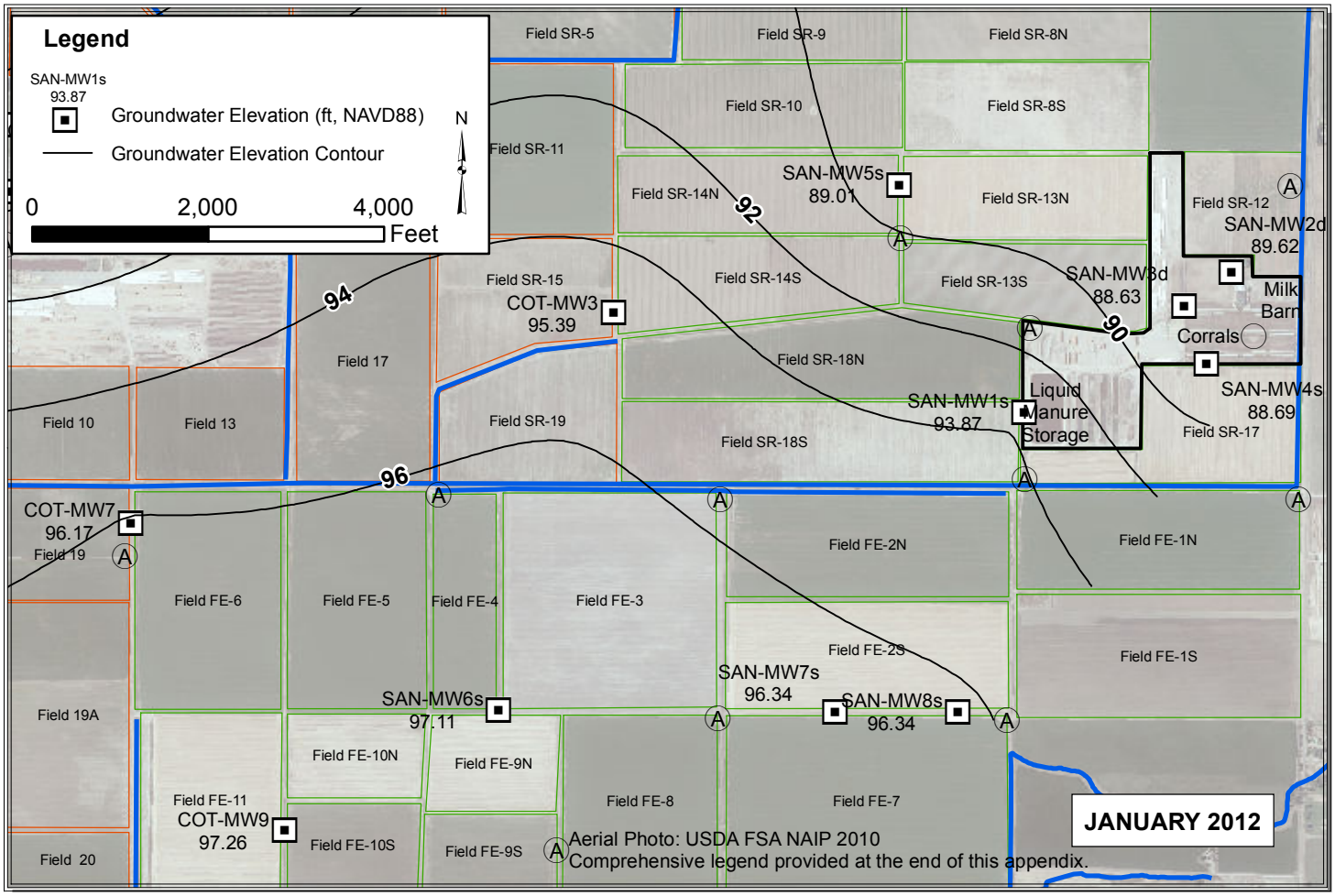
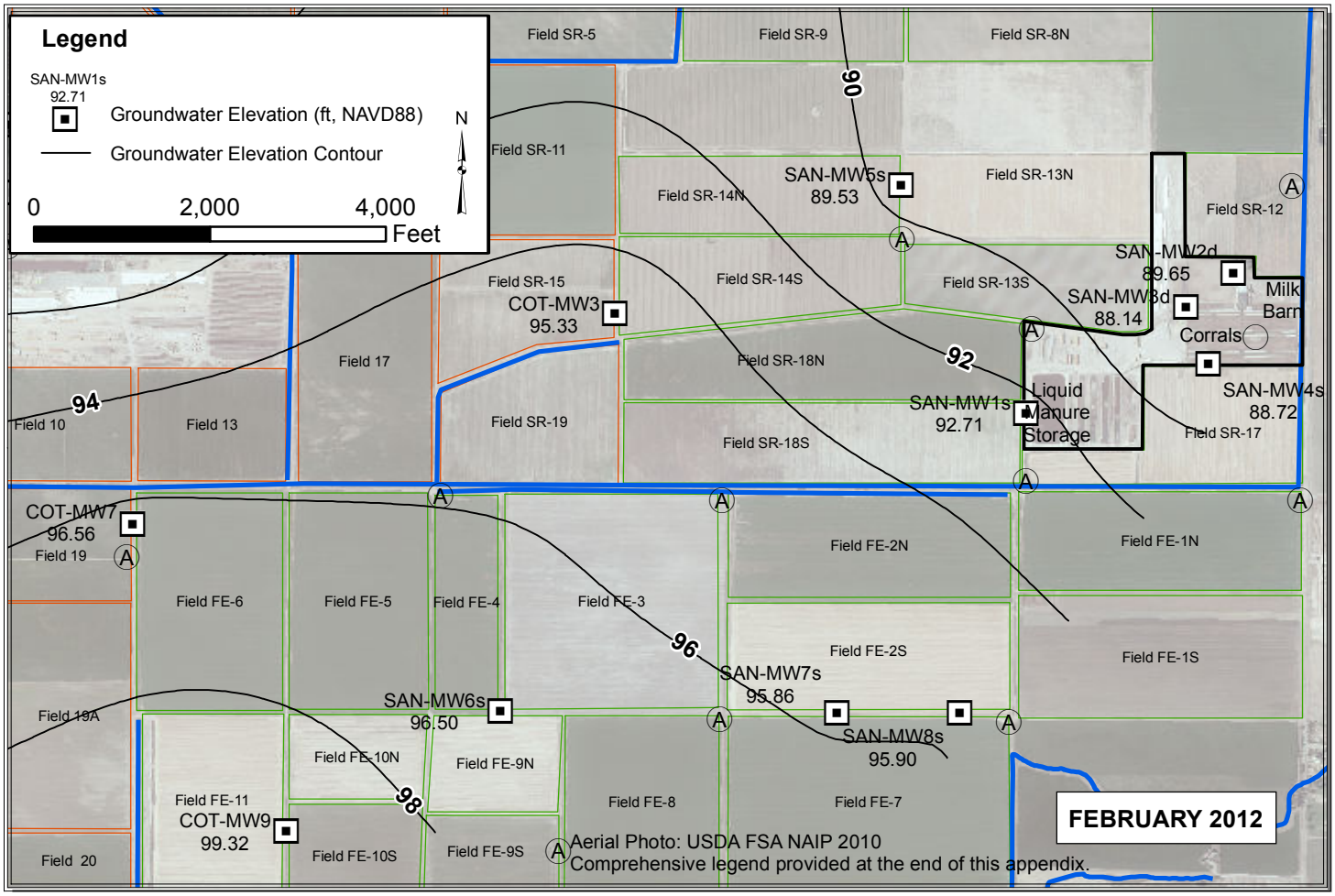
SAN





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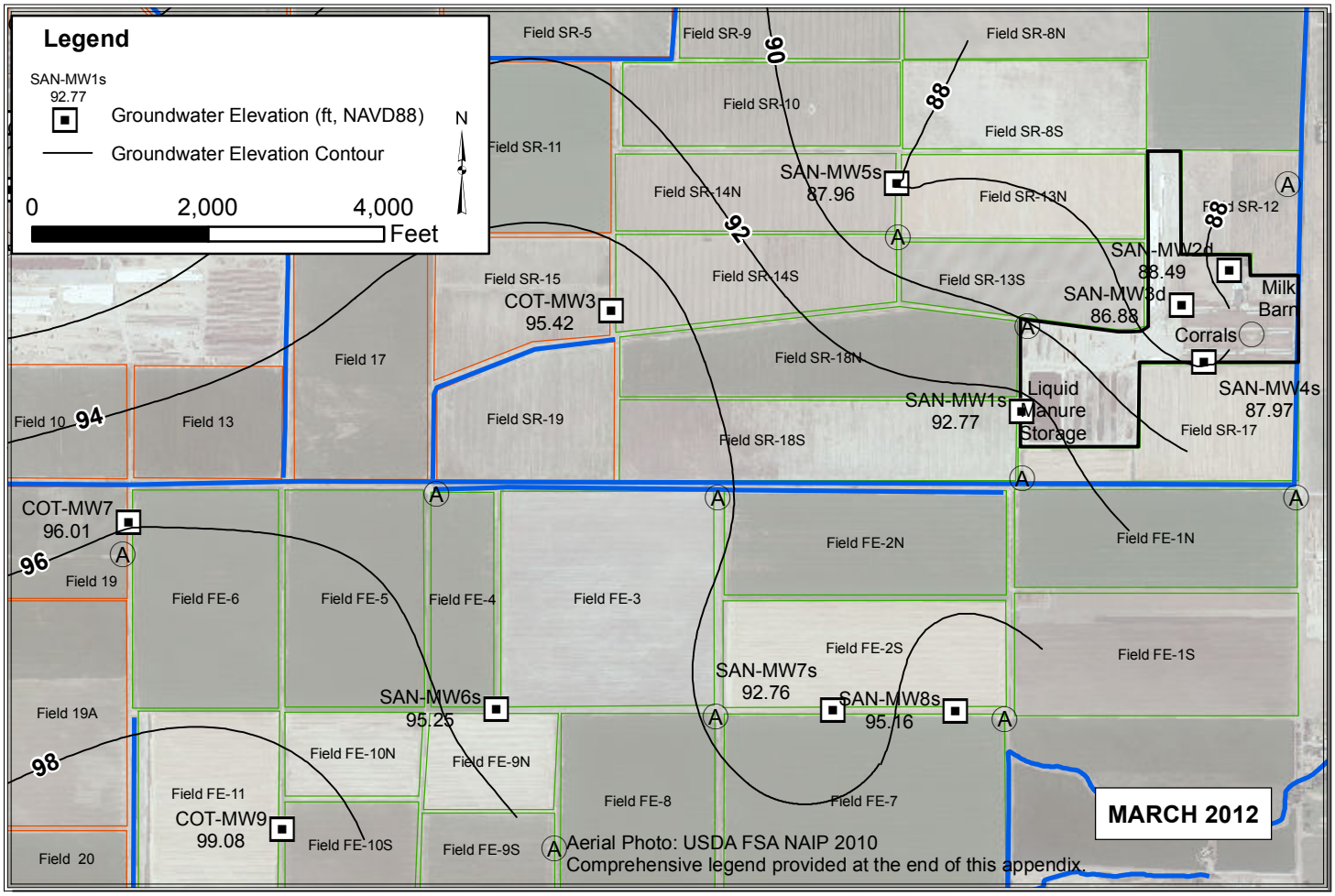

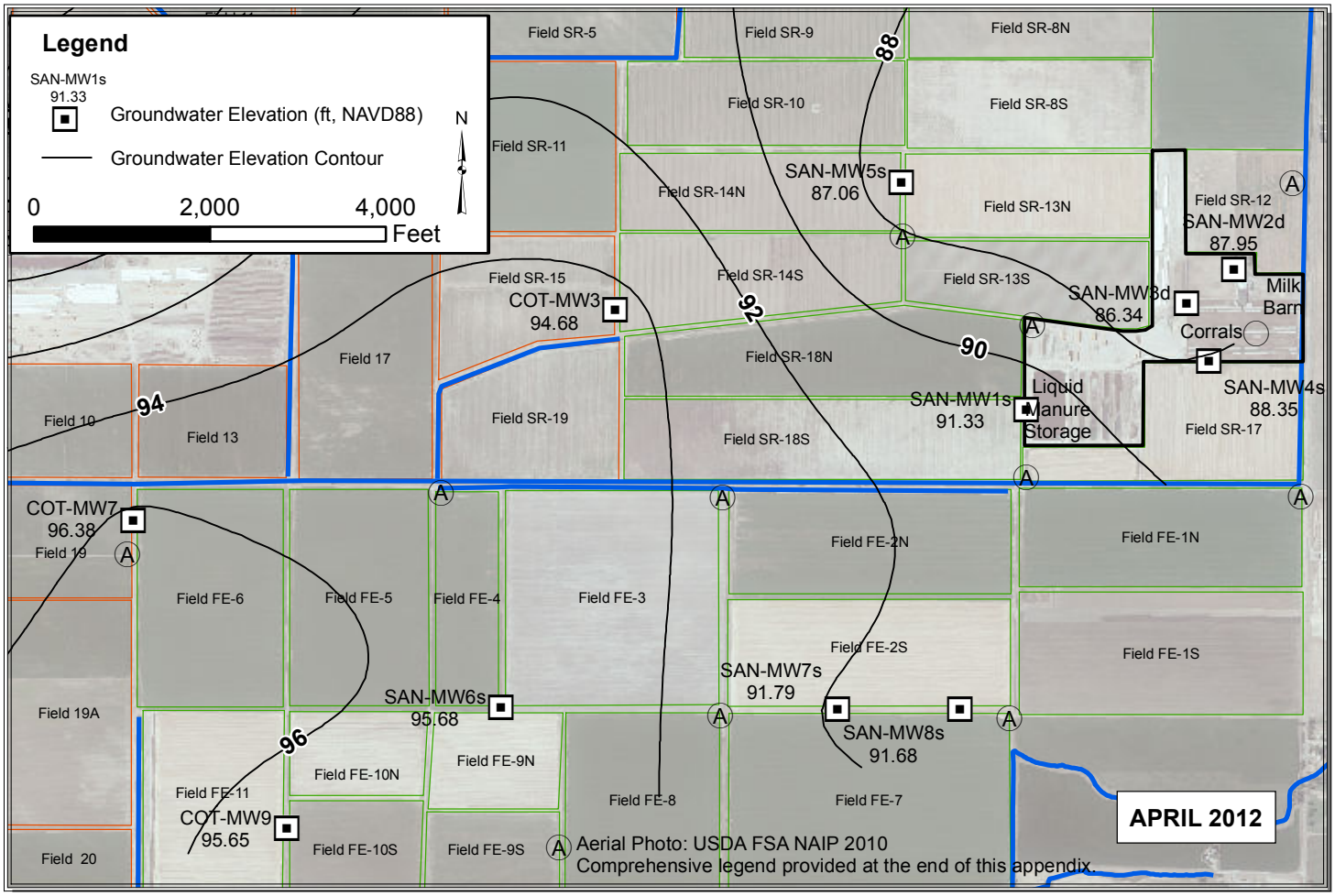

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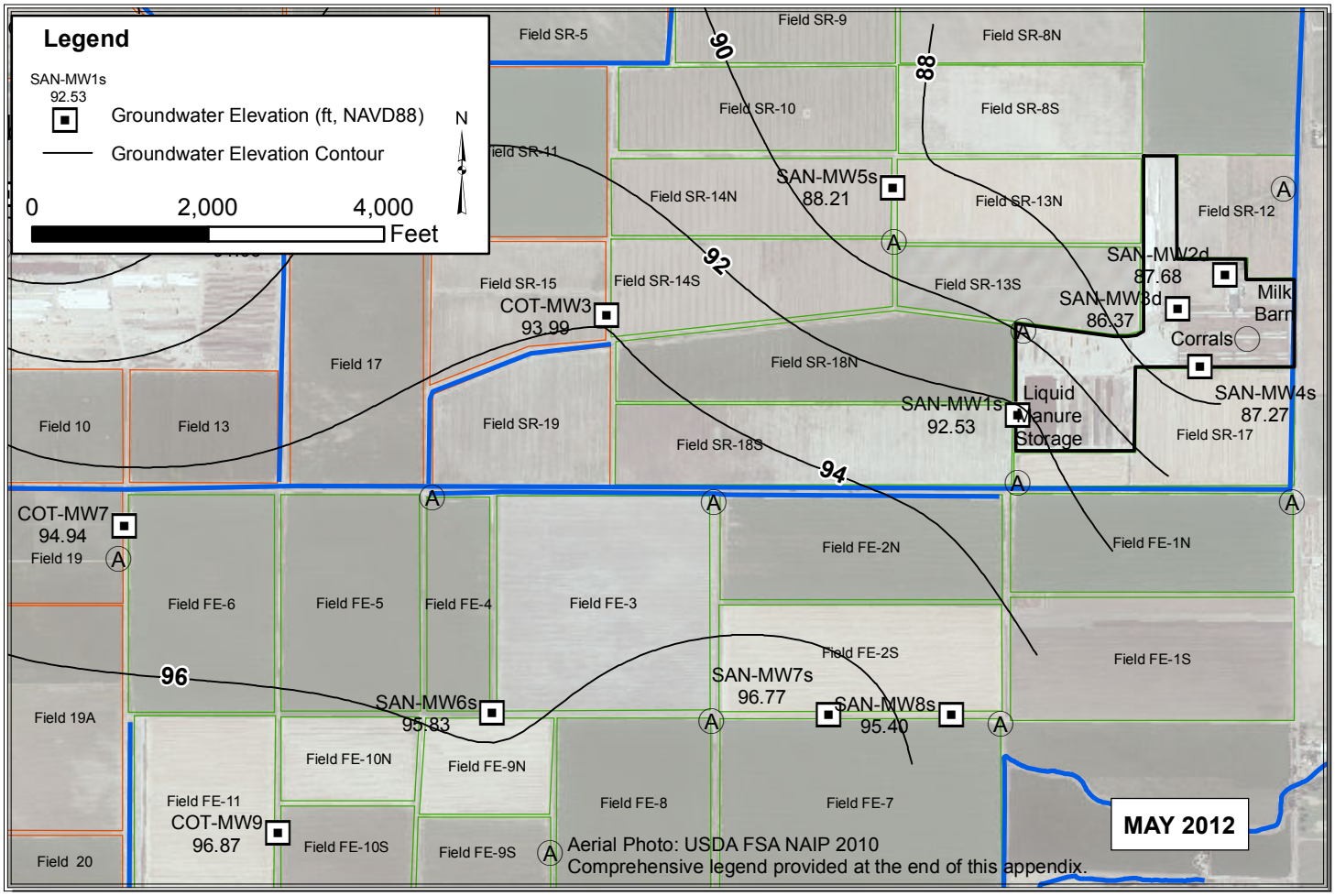

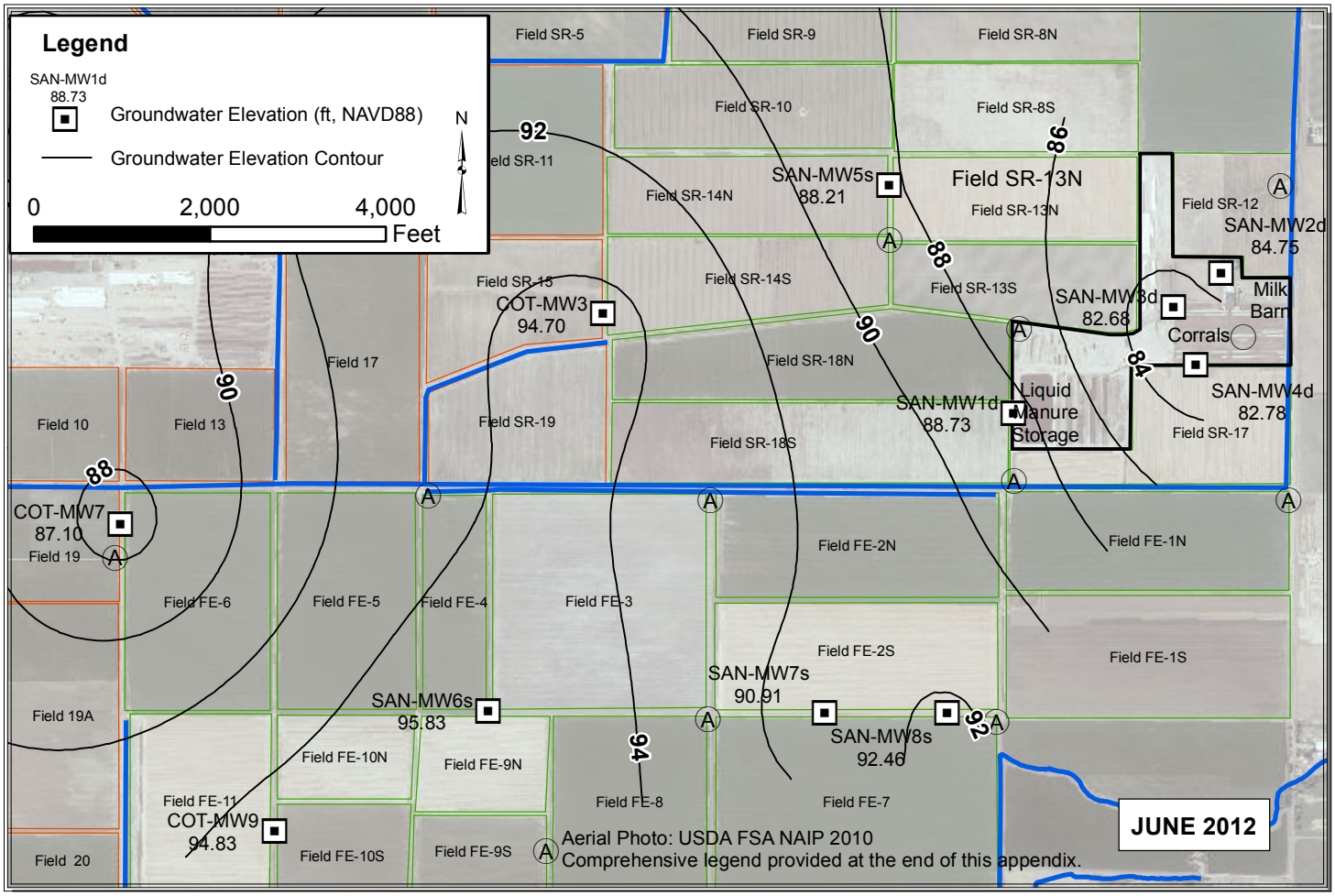

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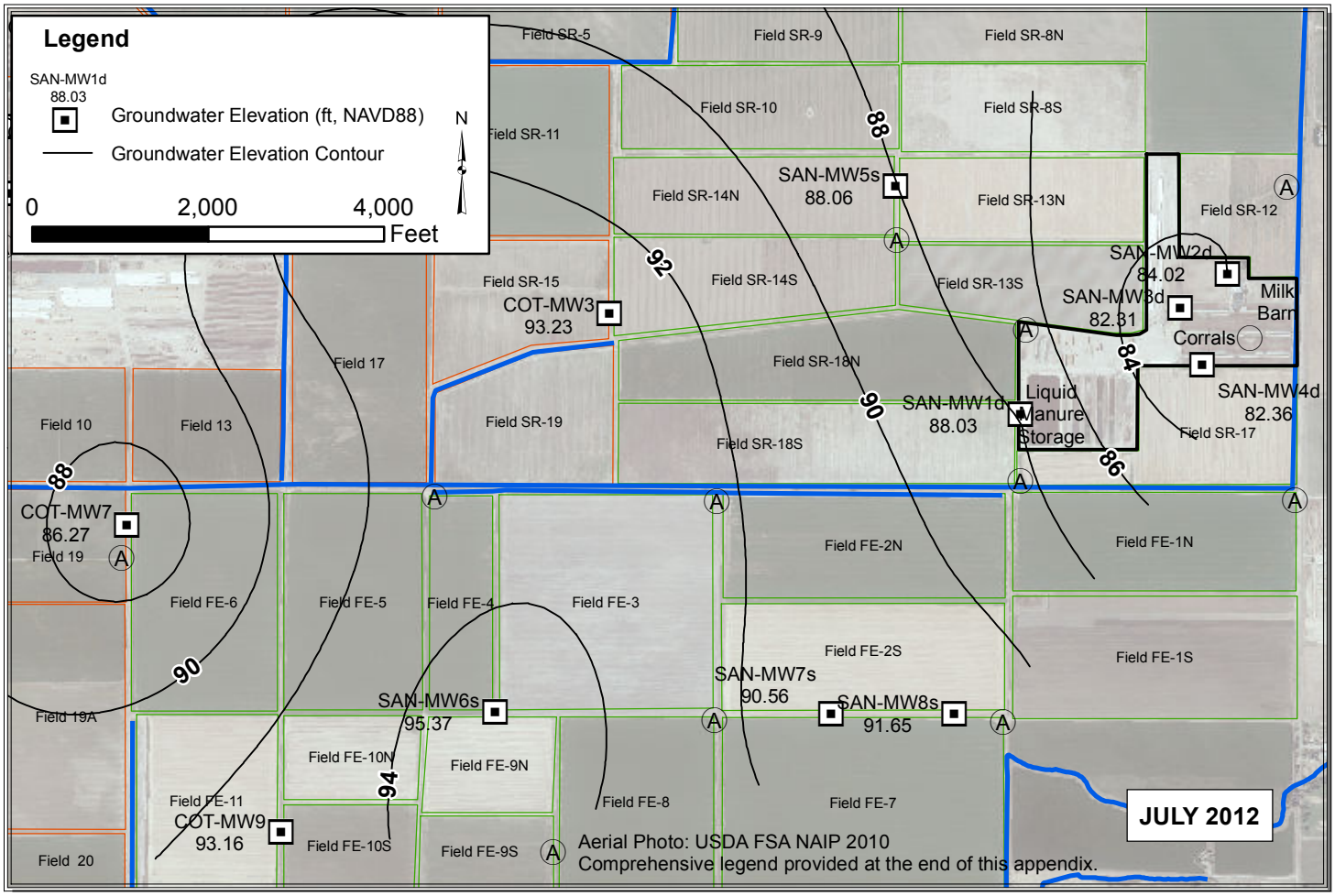

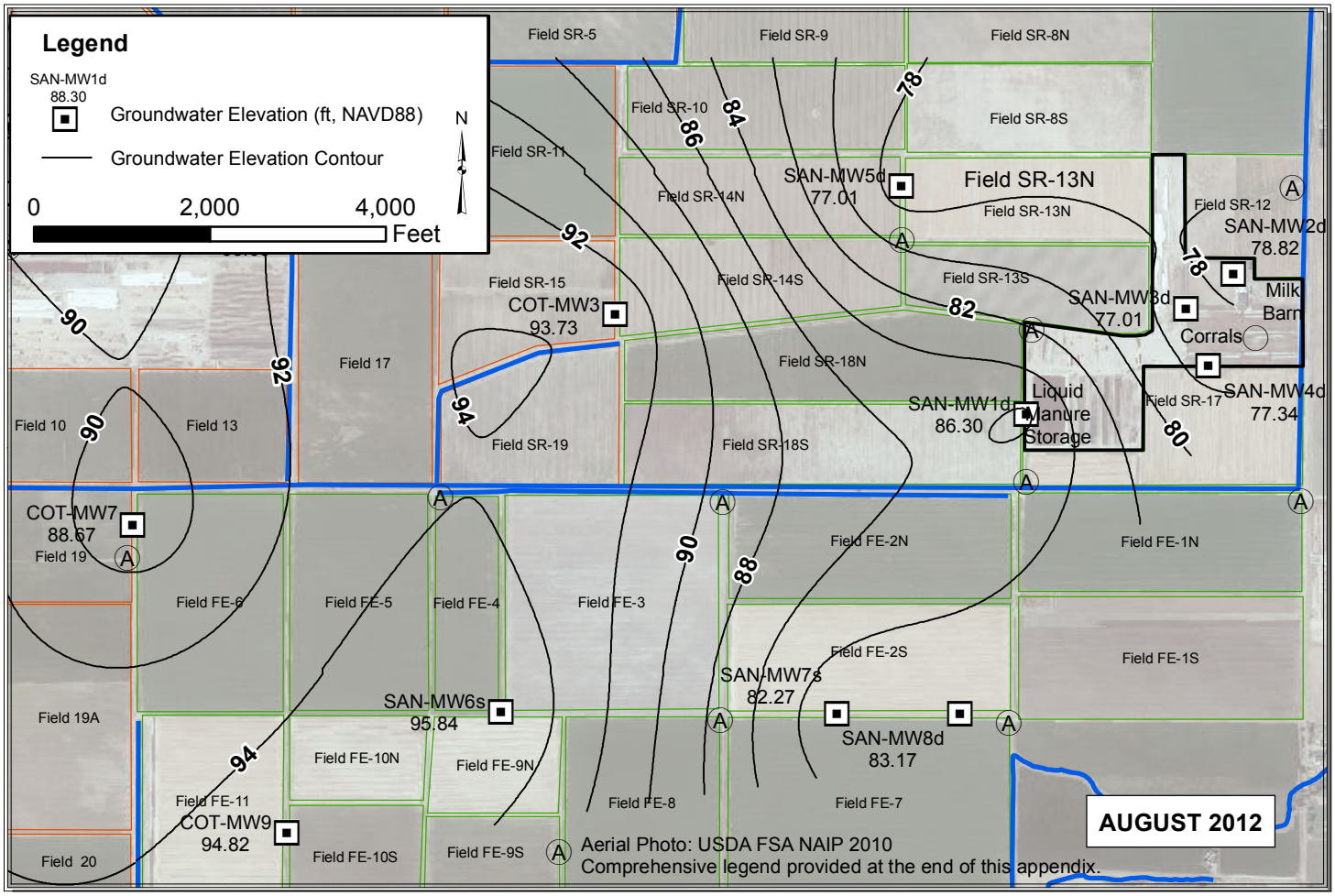

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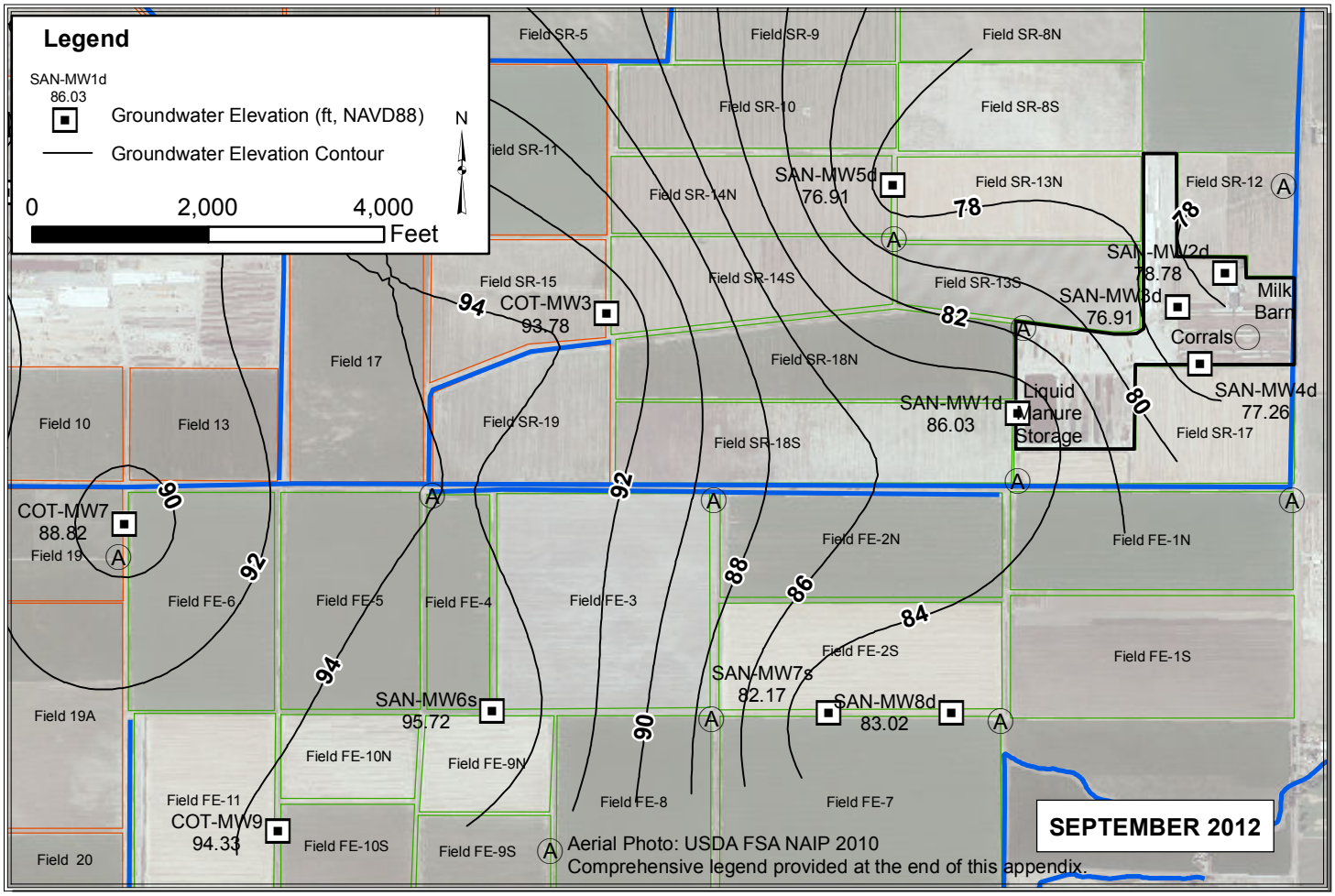

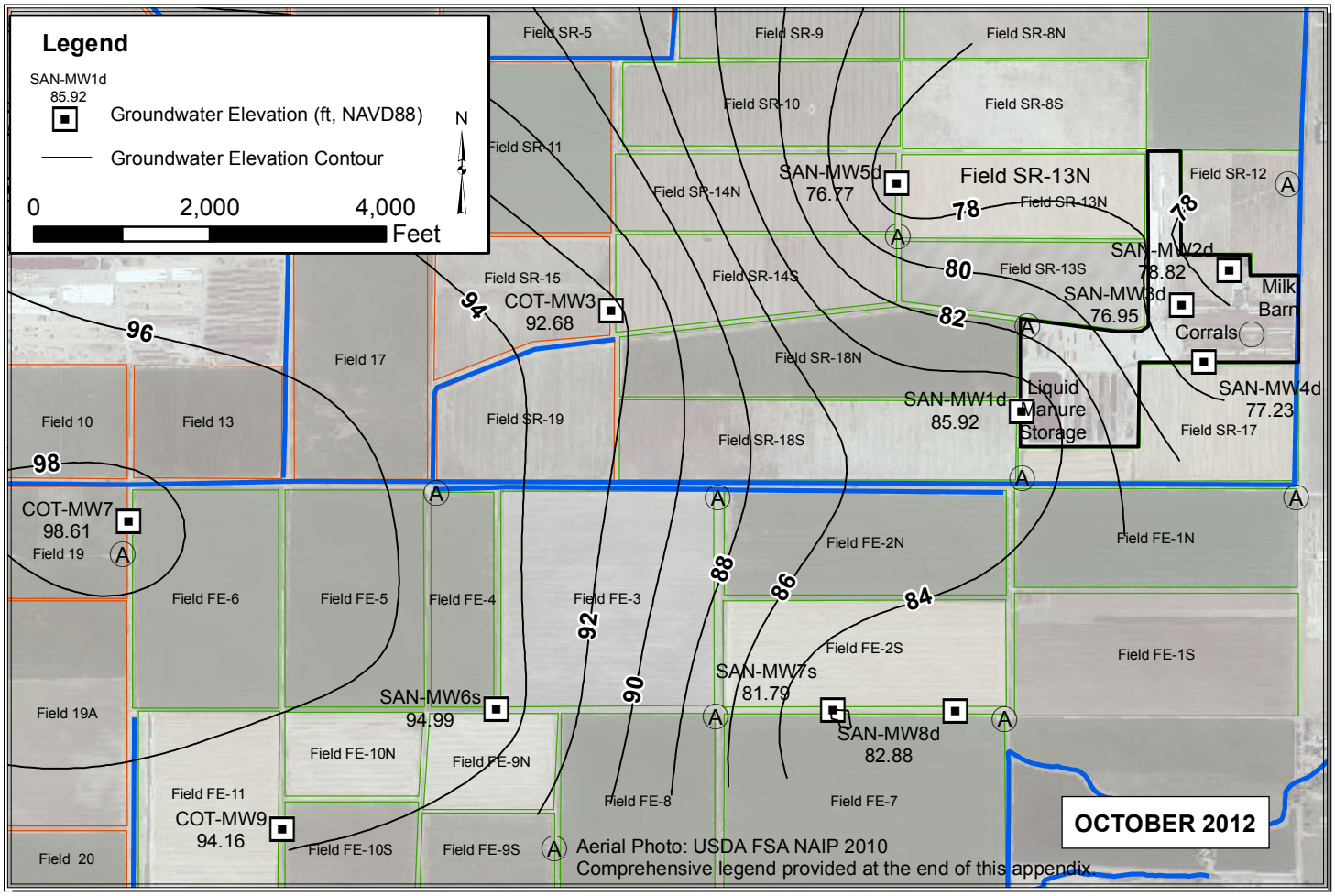

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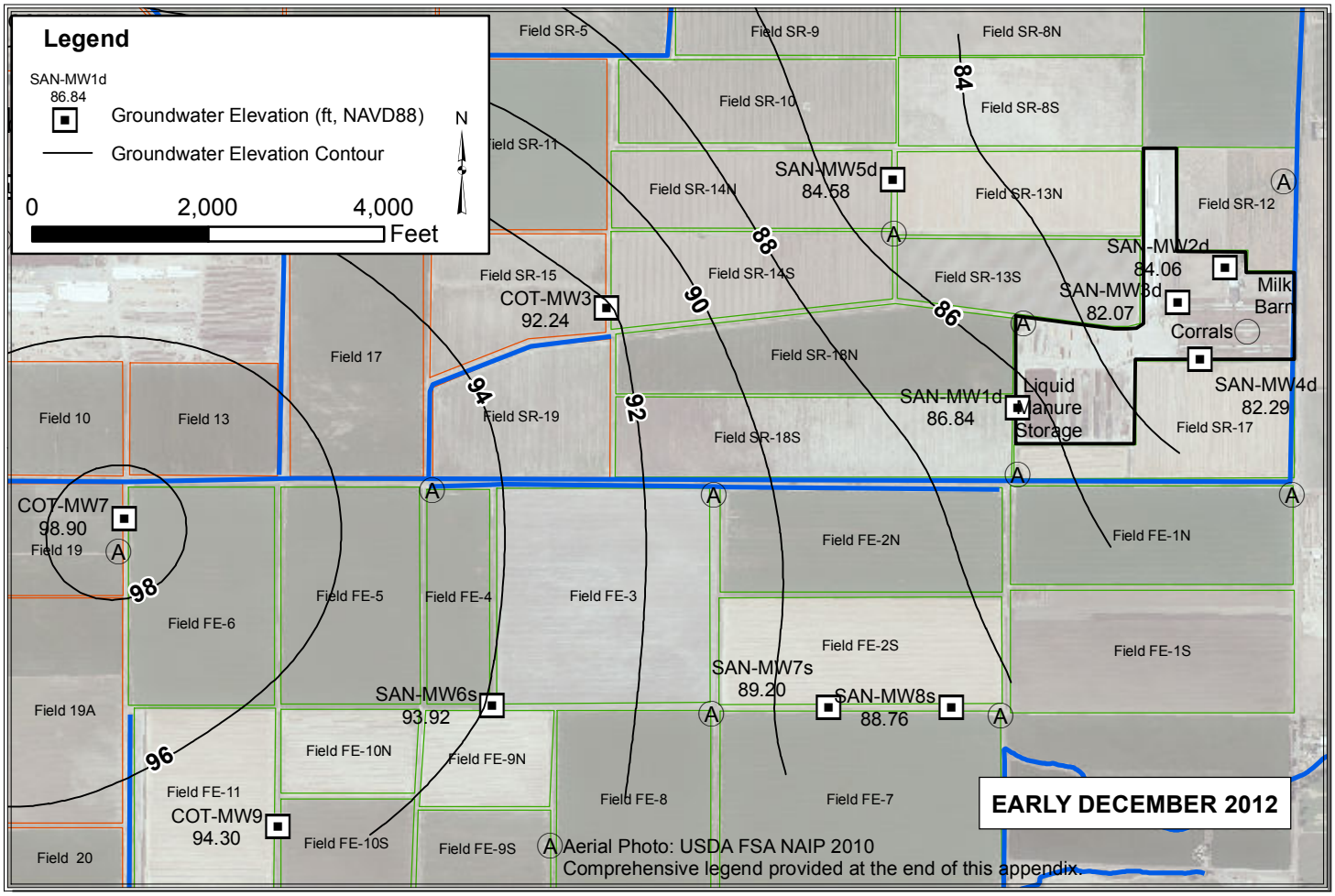

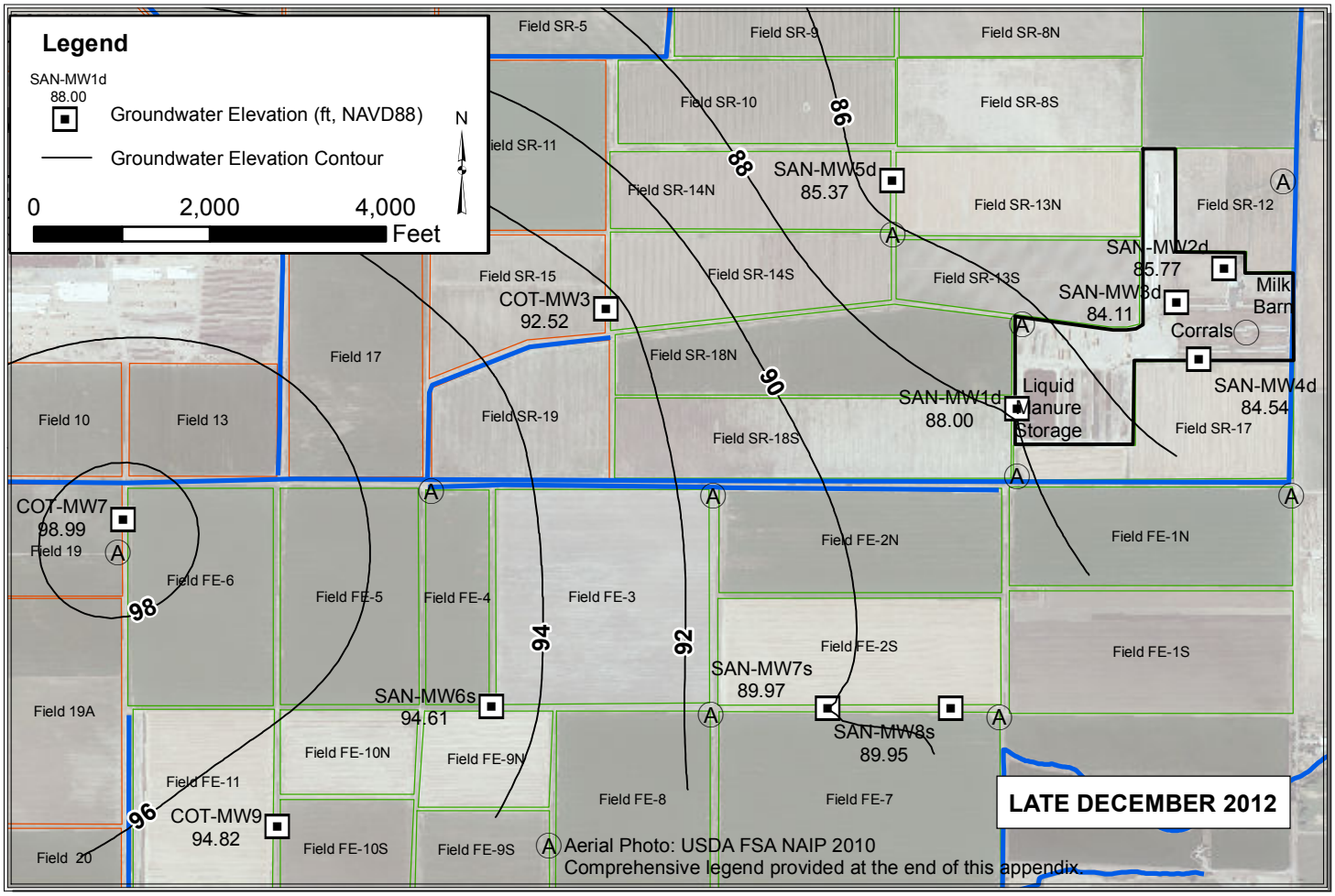

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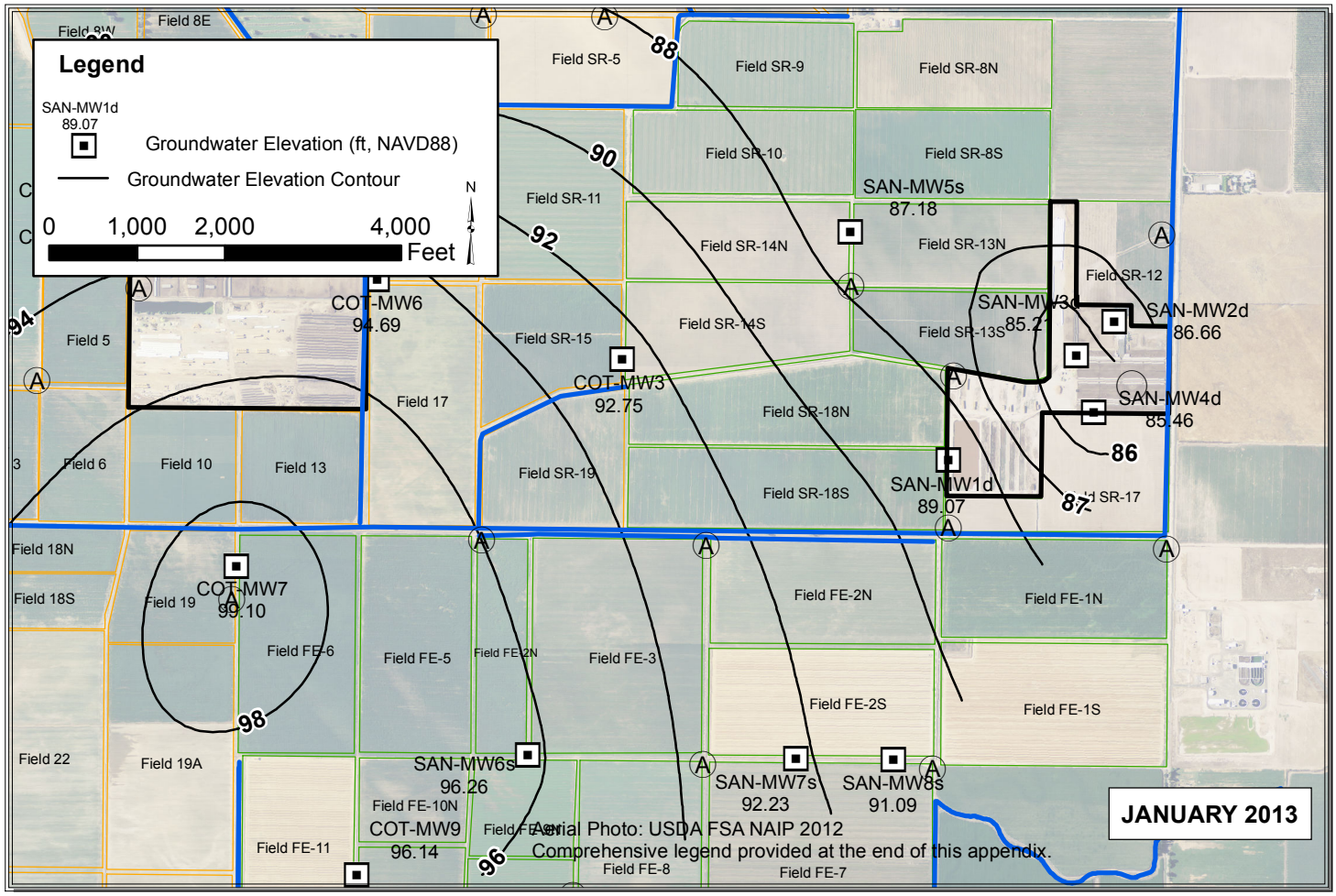

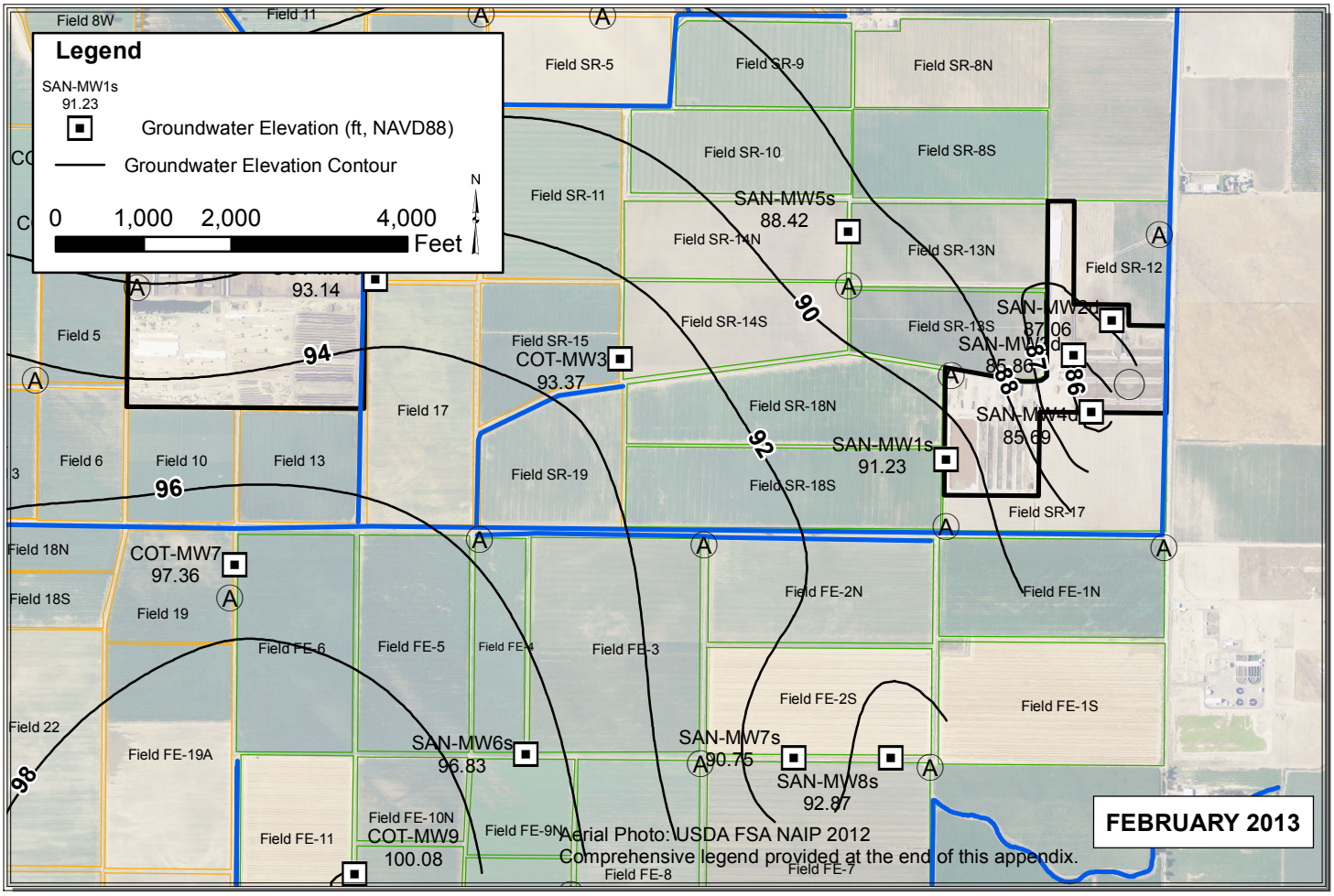

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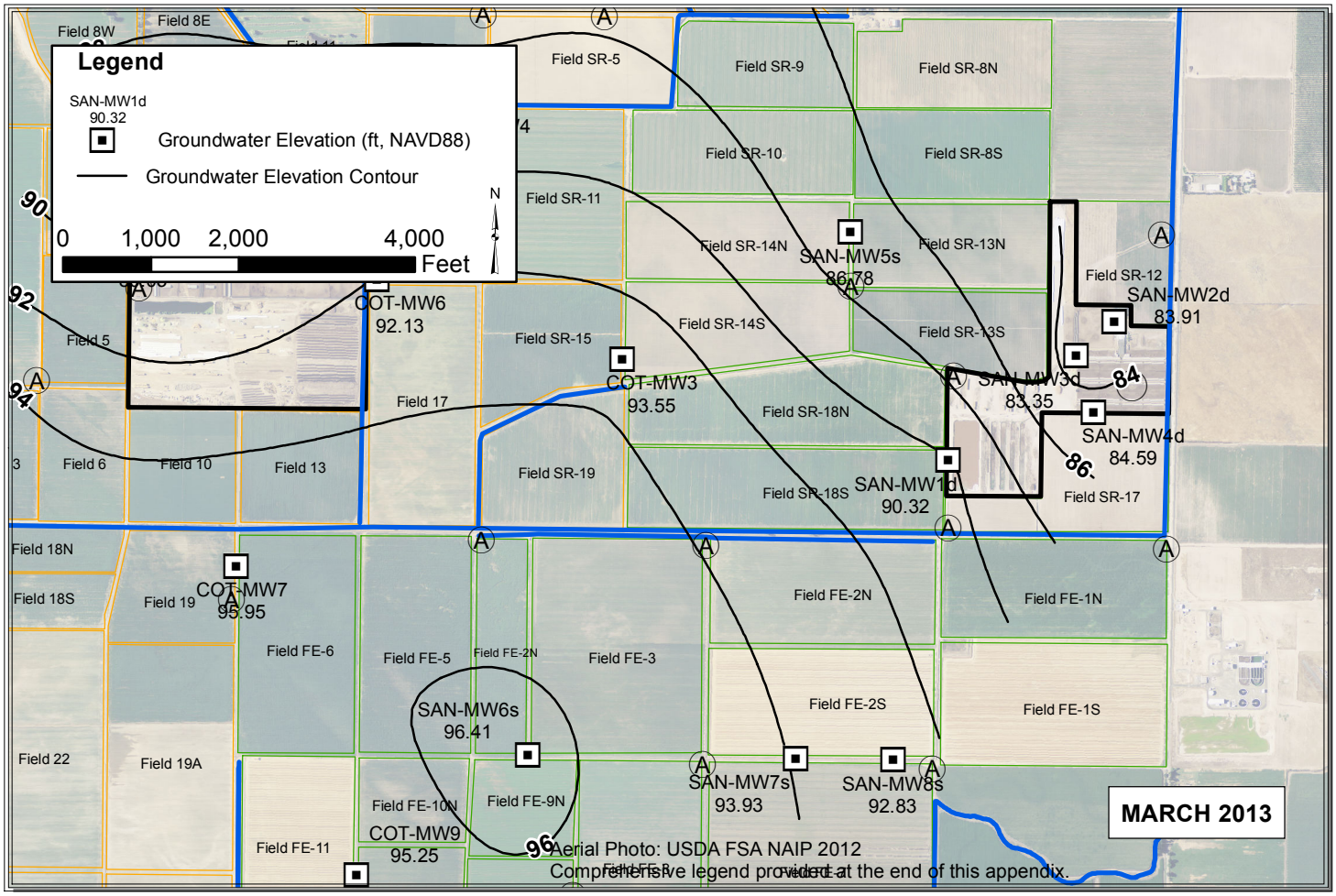

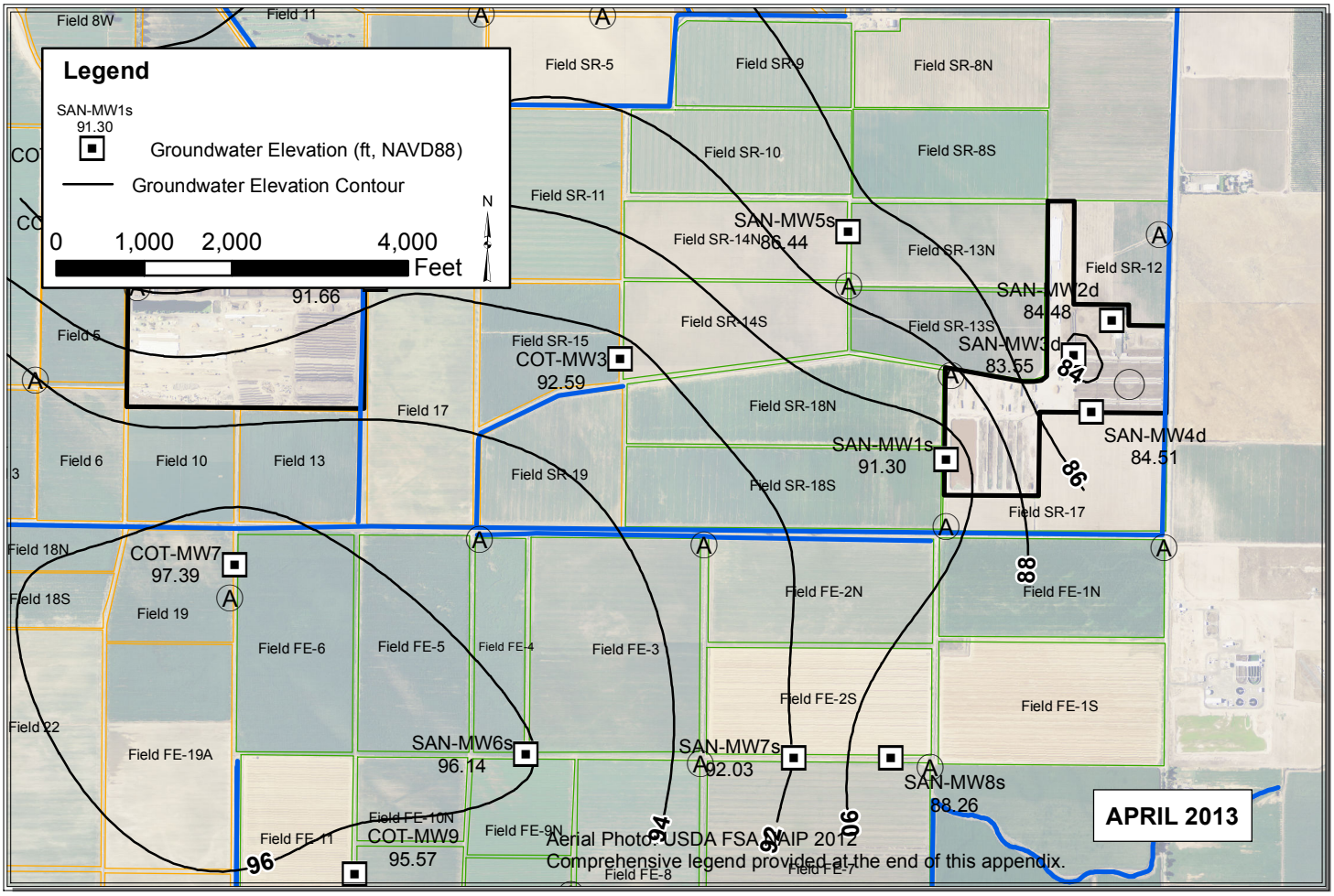

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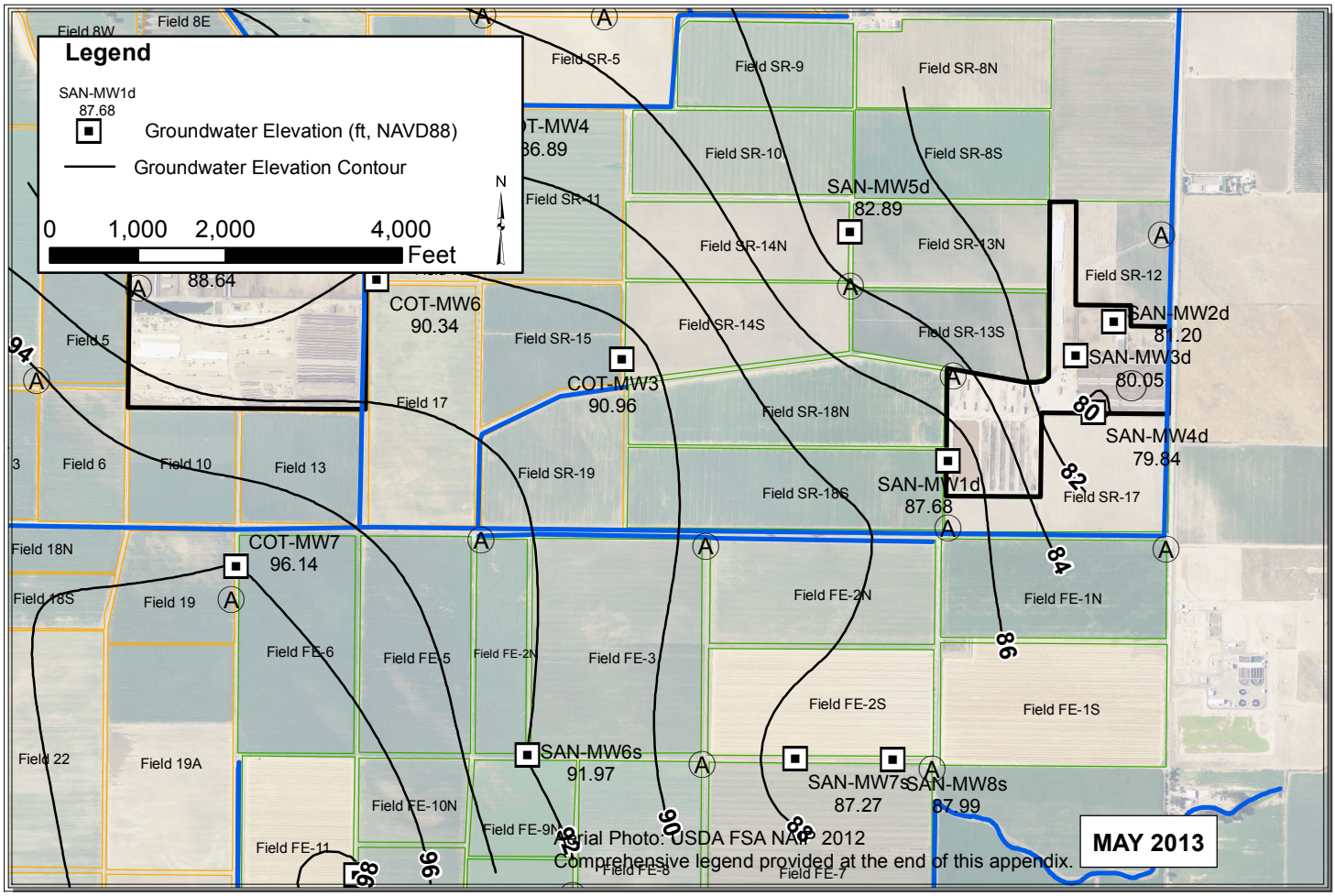

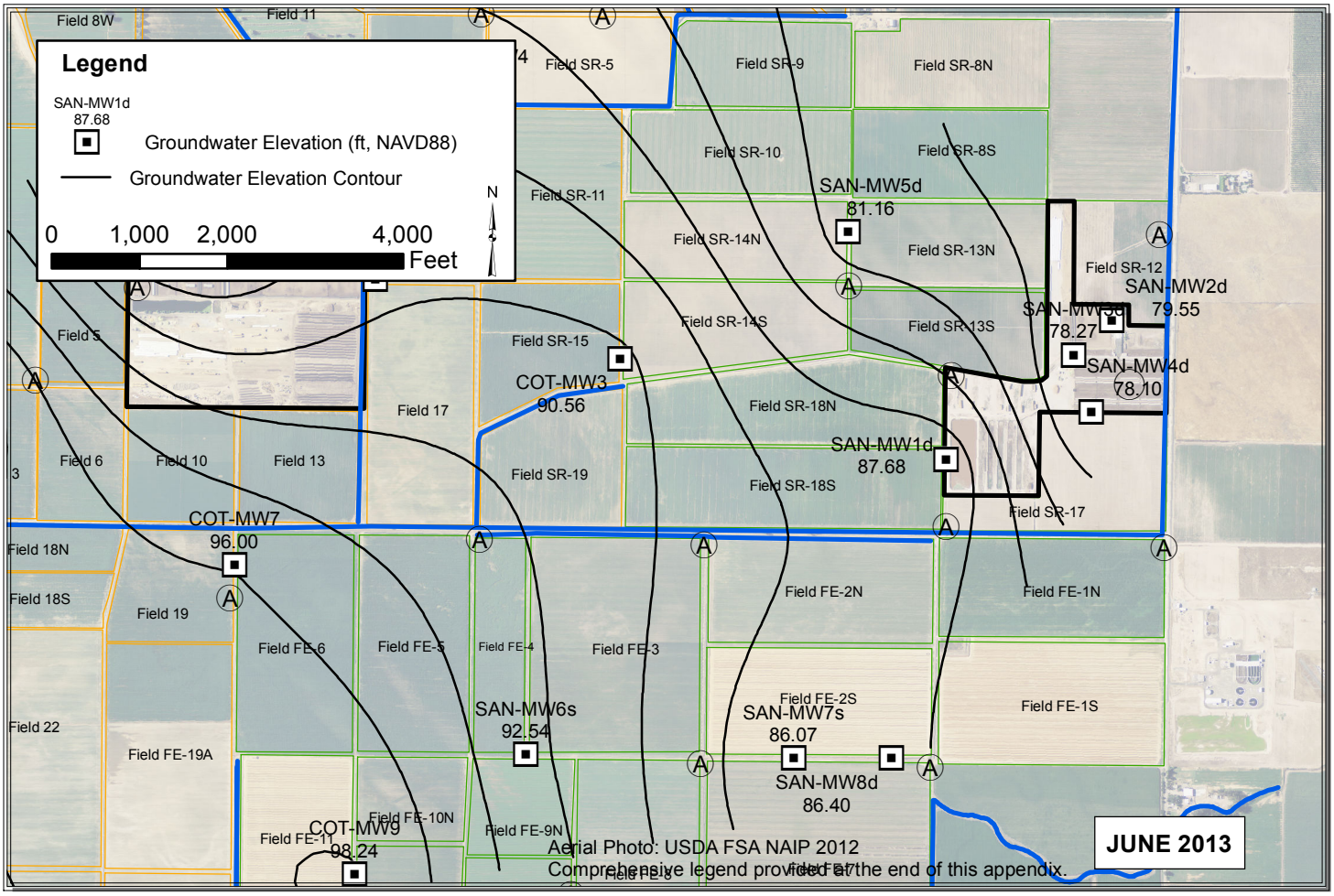

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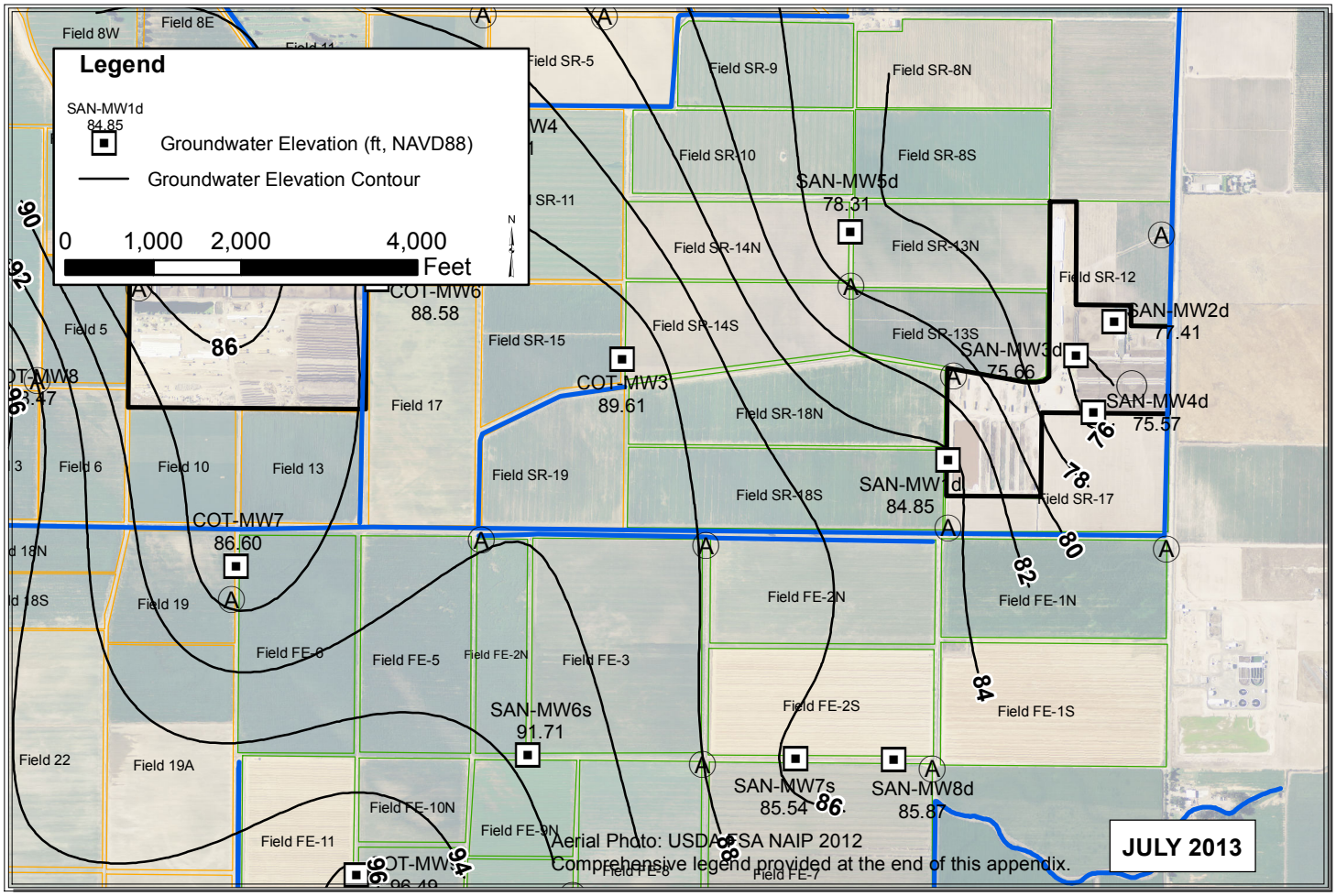

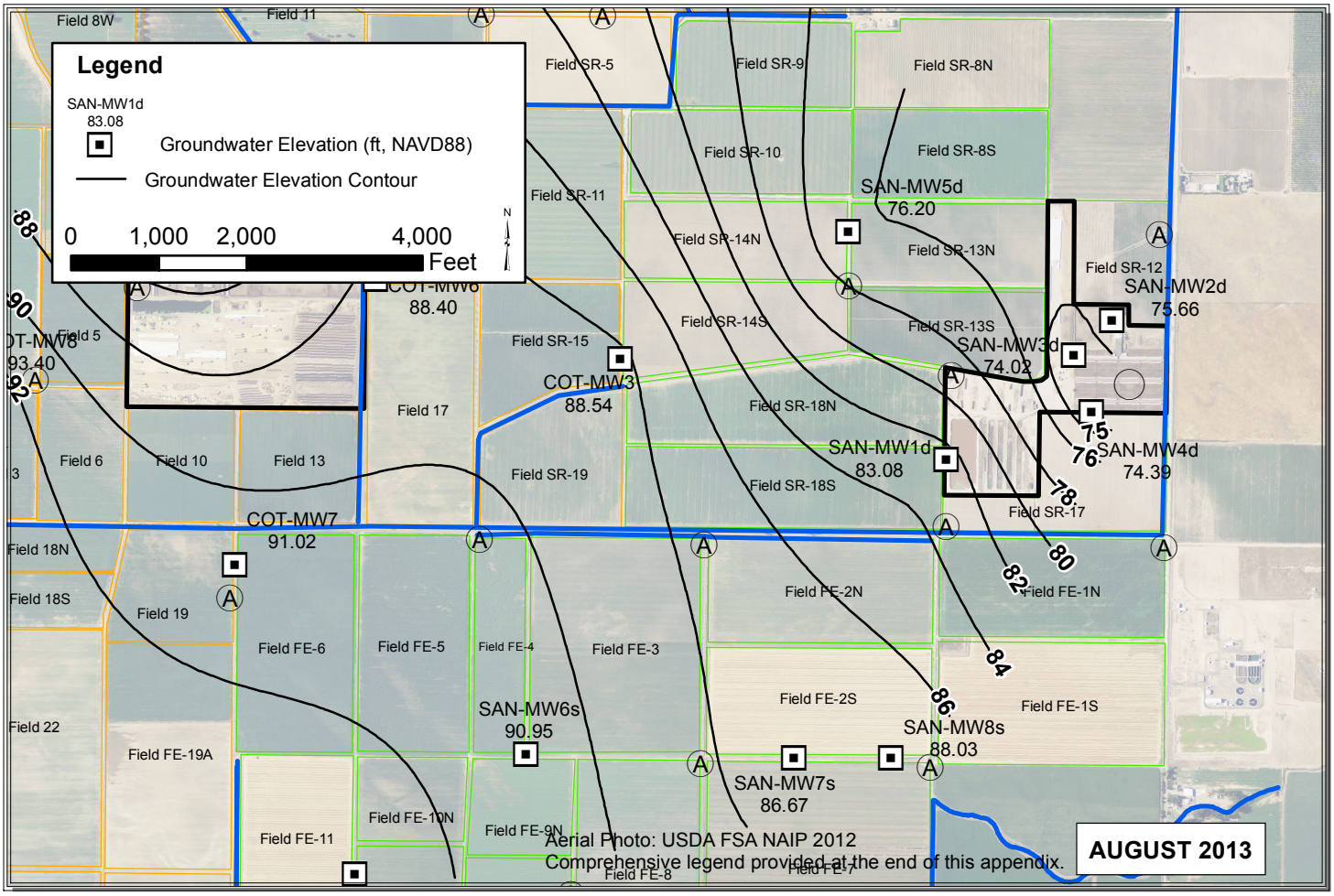

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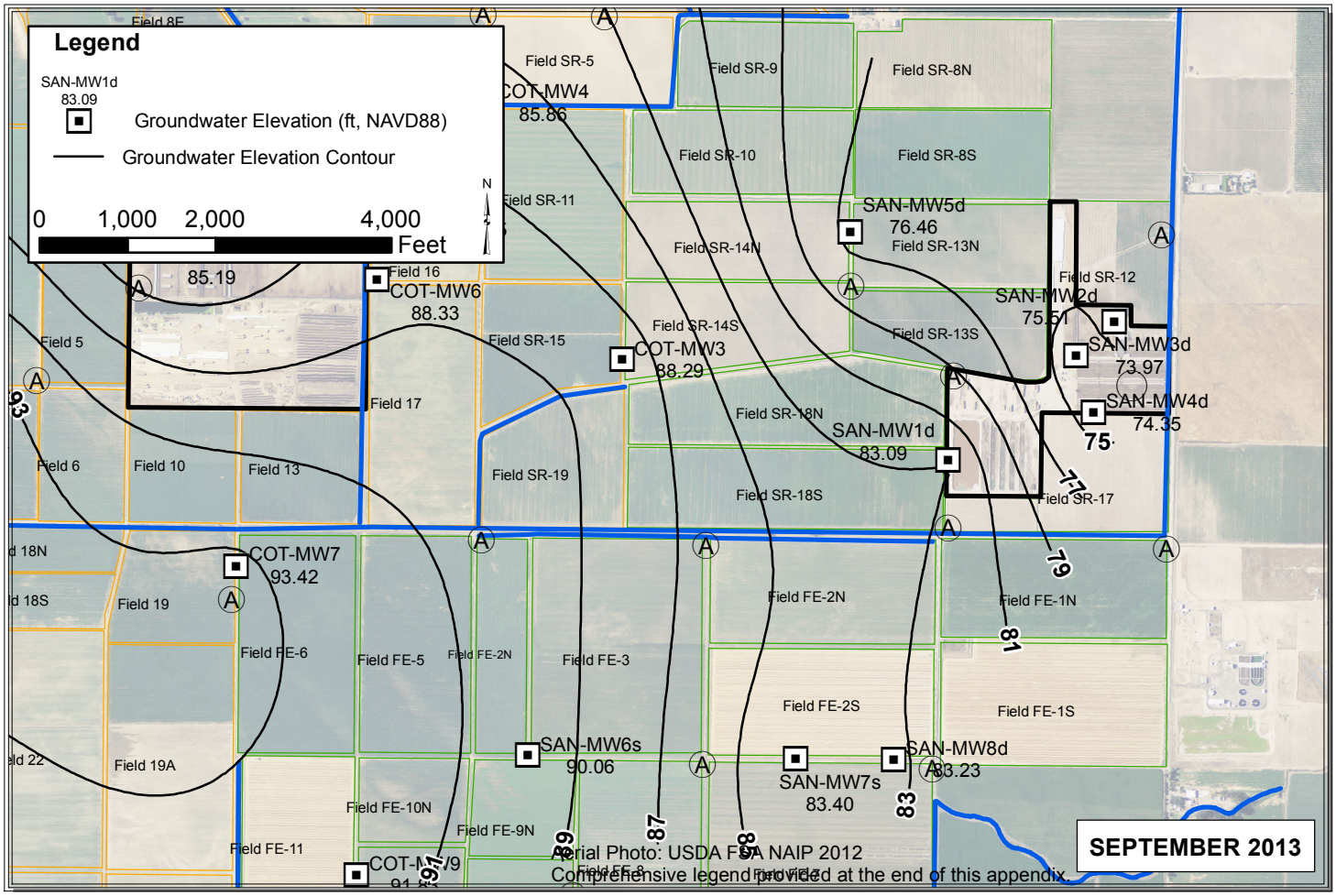

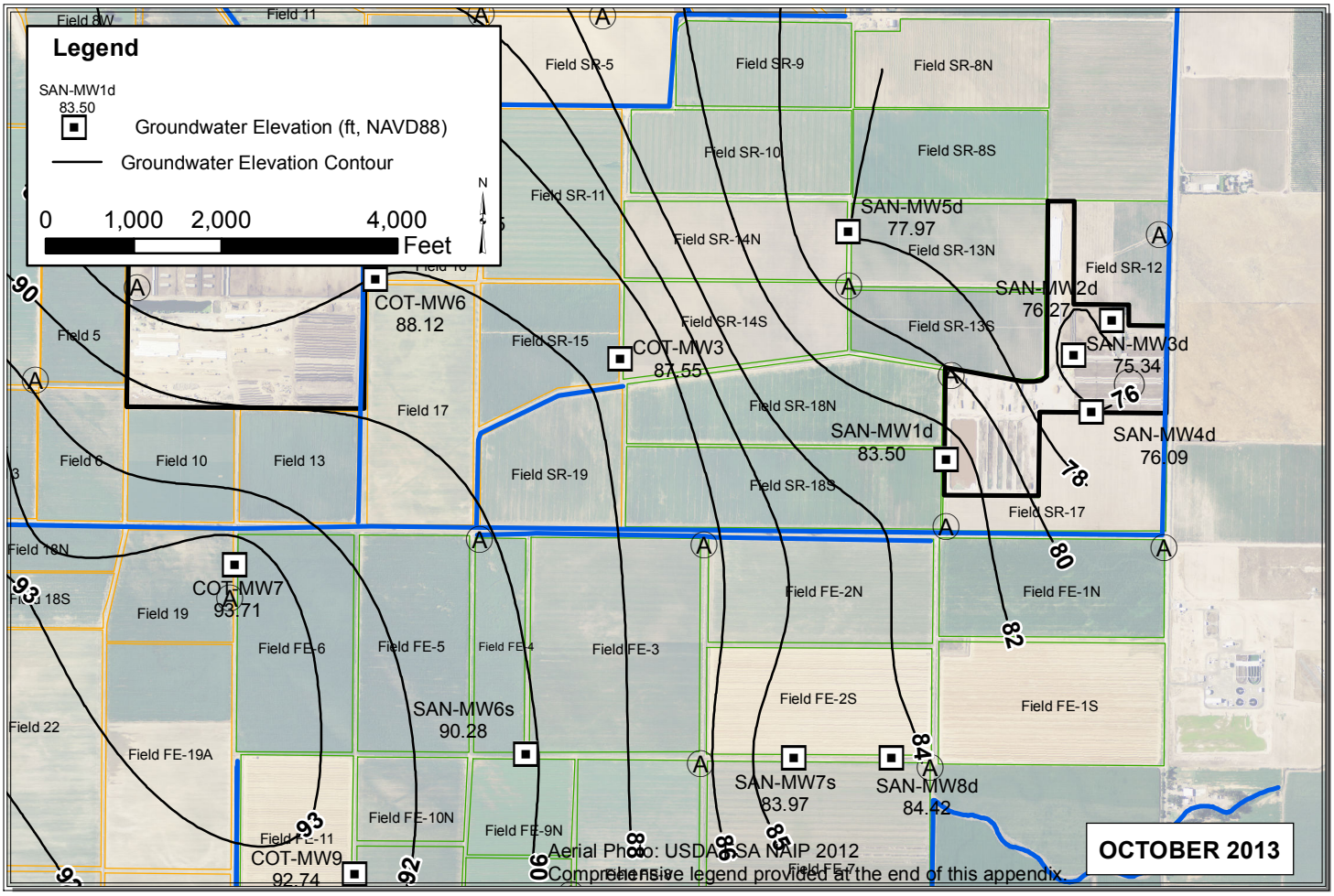

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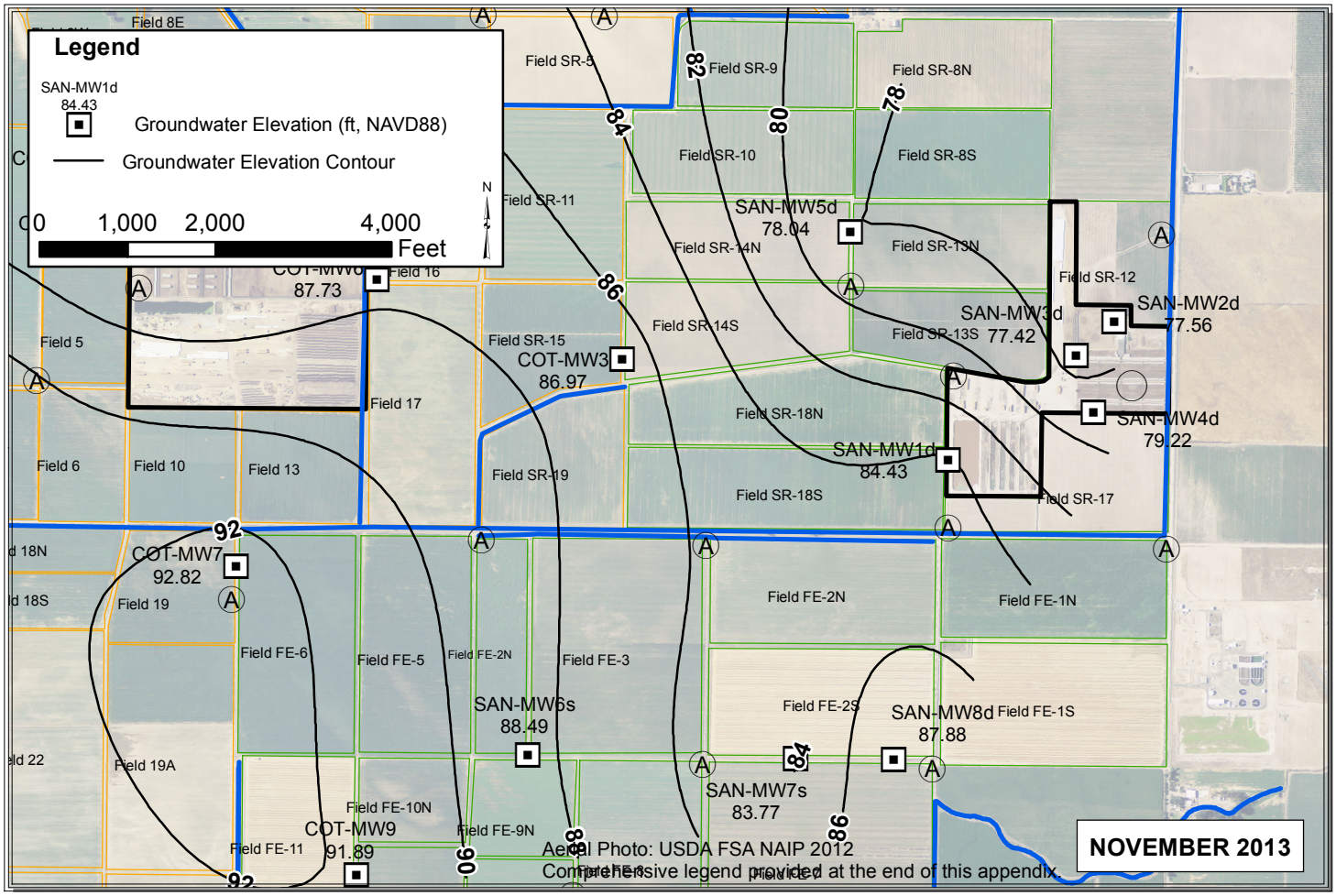

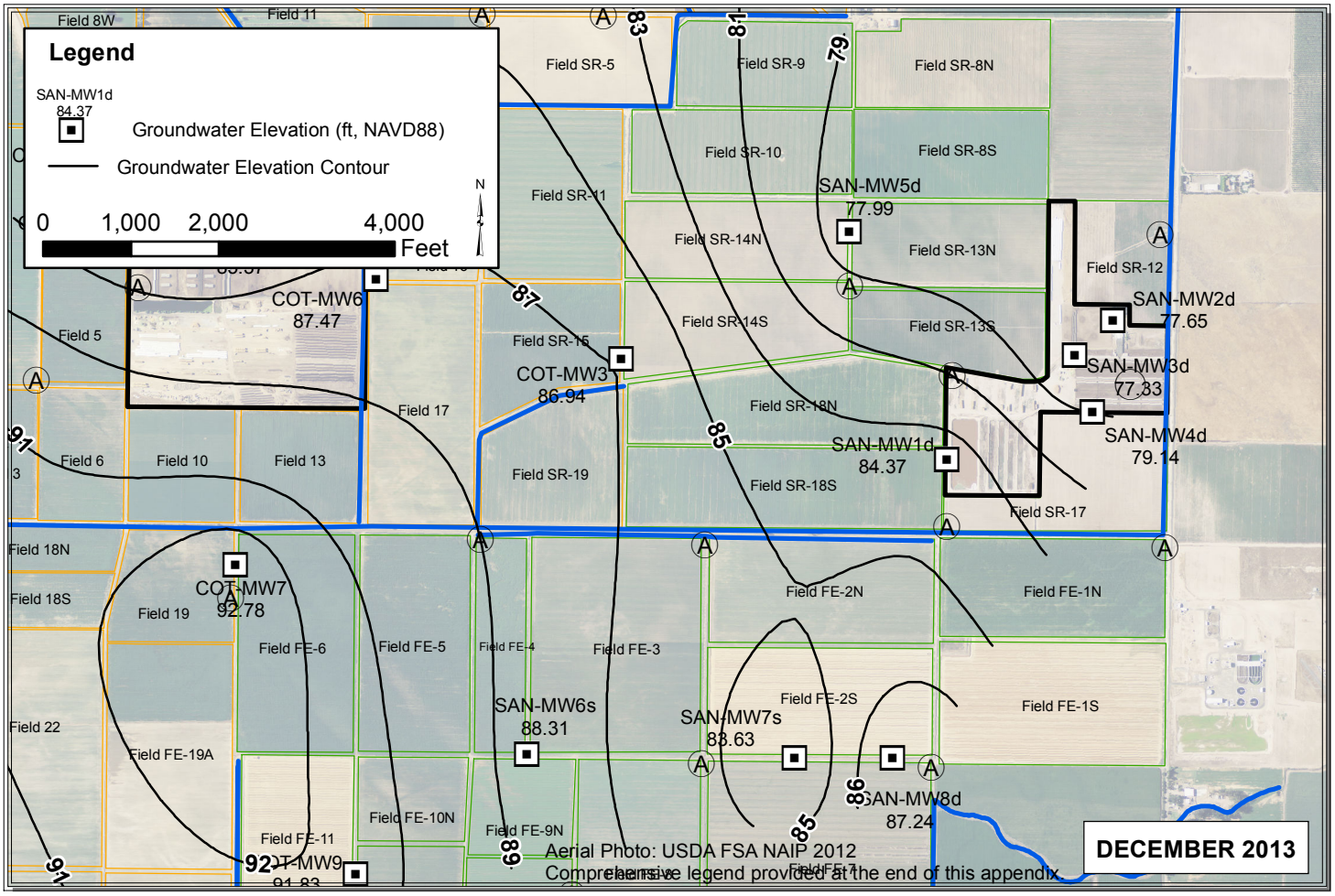

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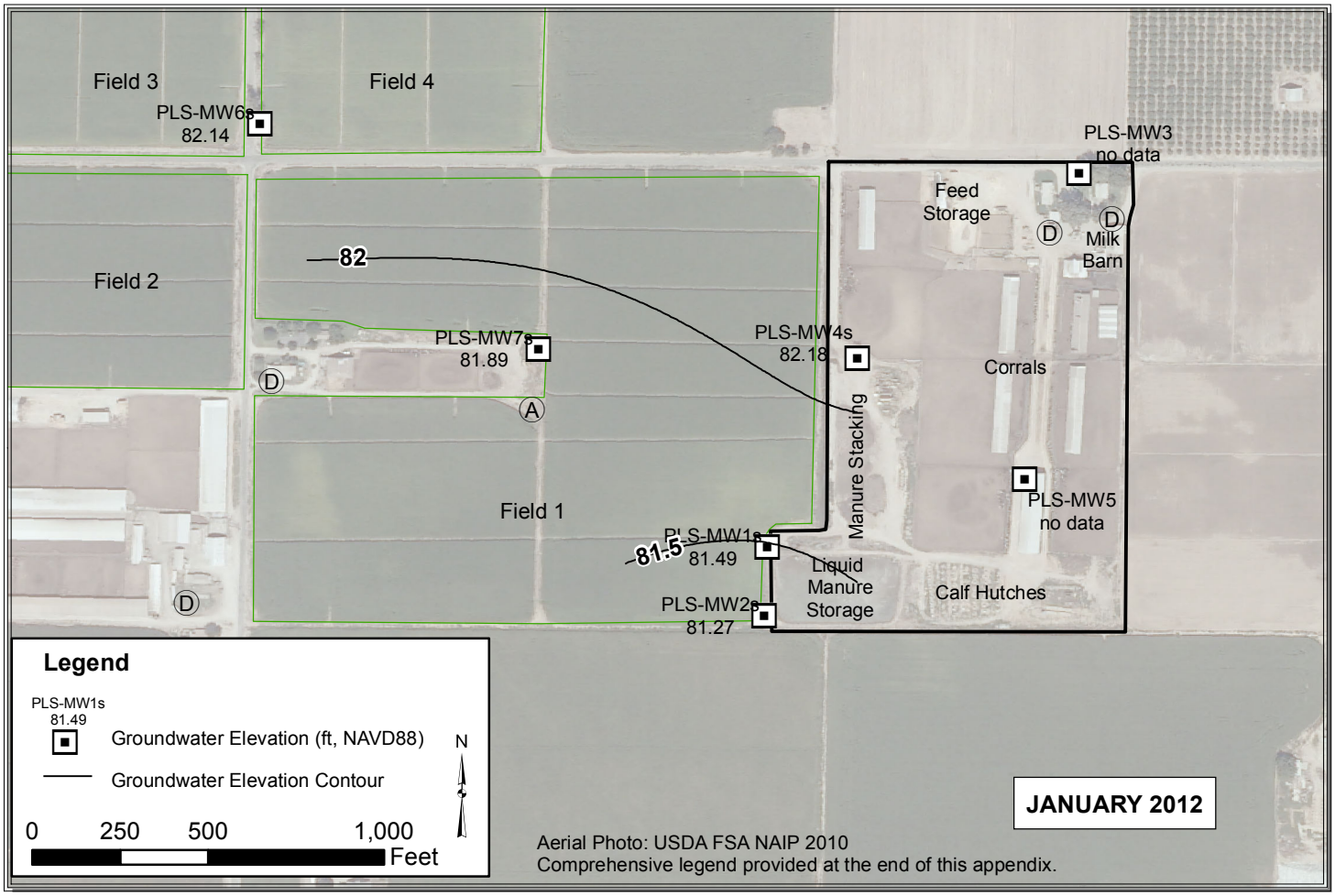

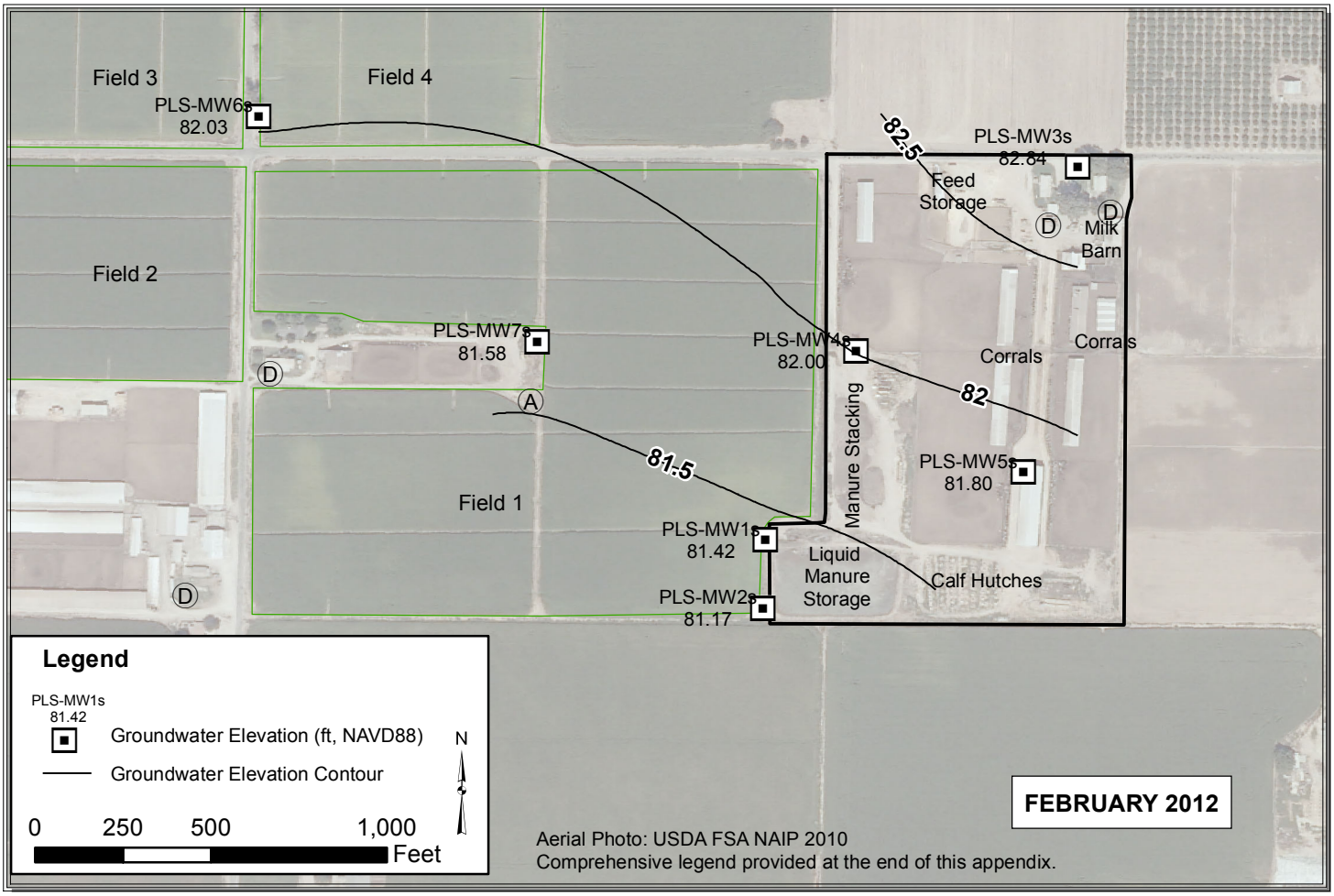

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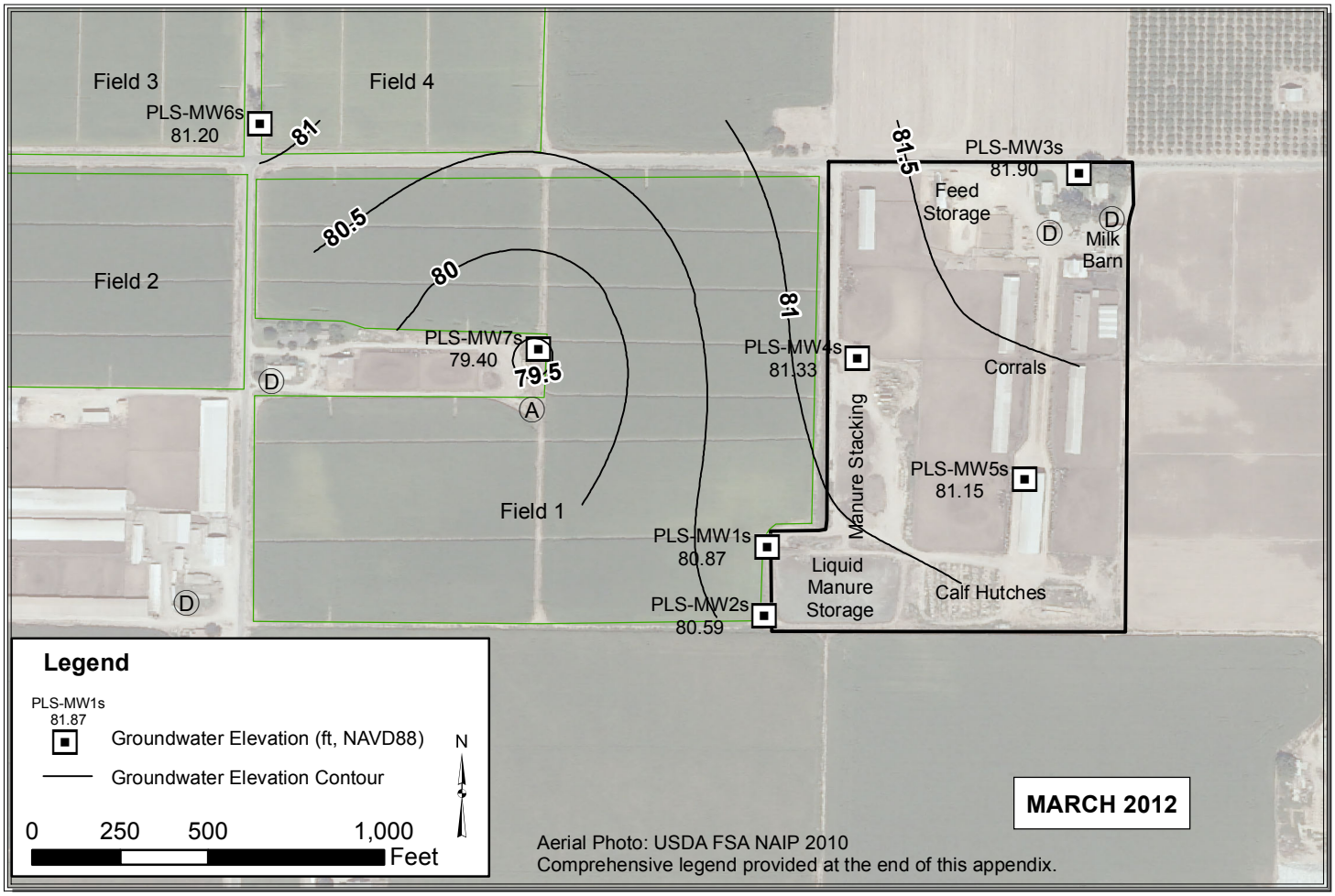

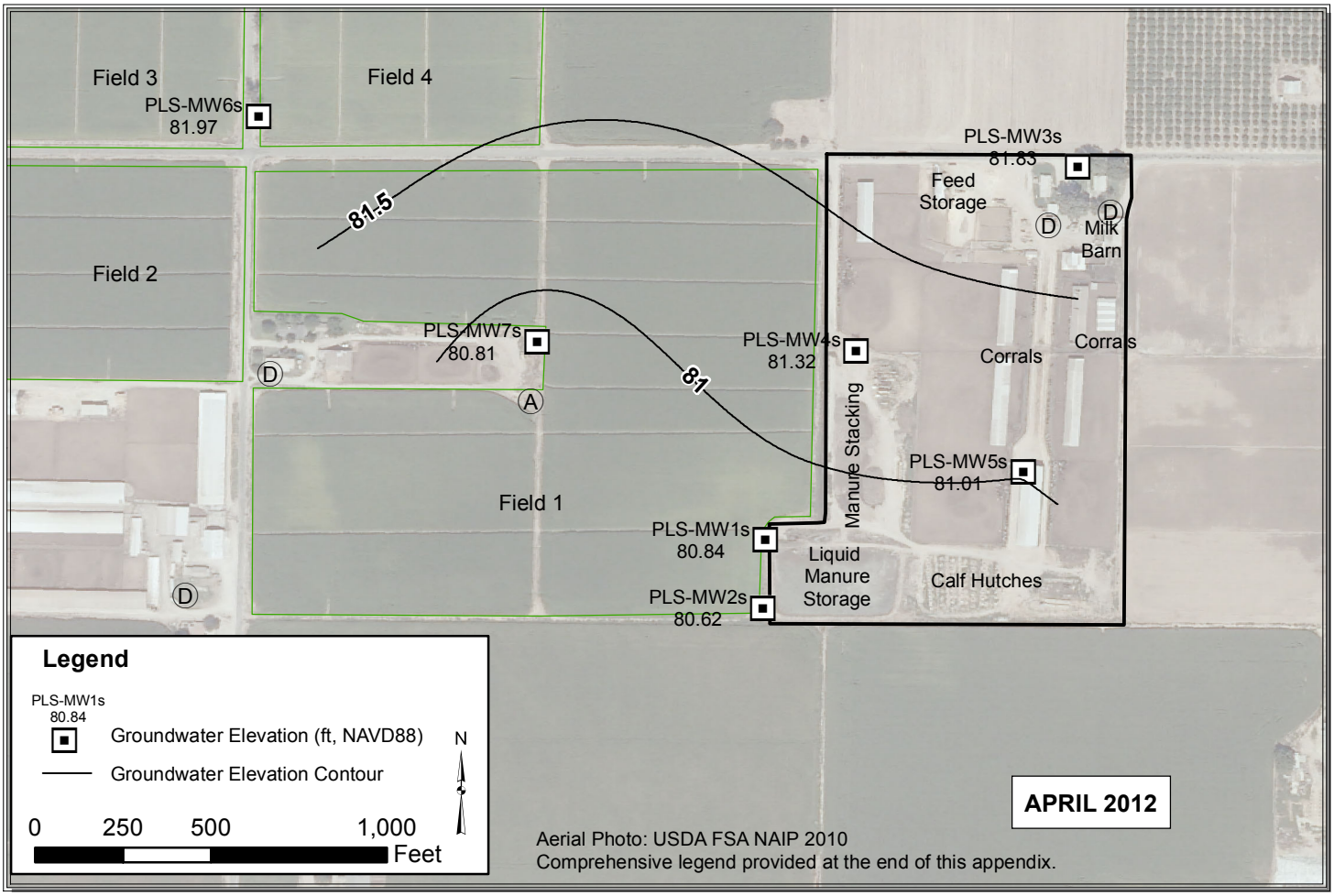

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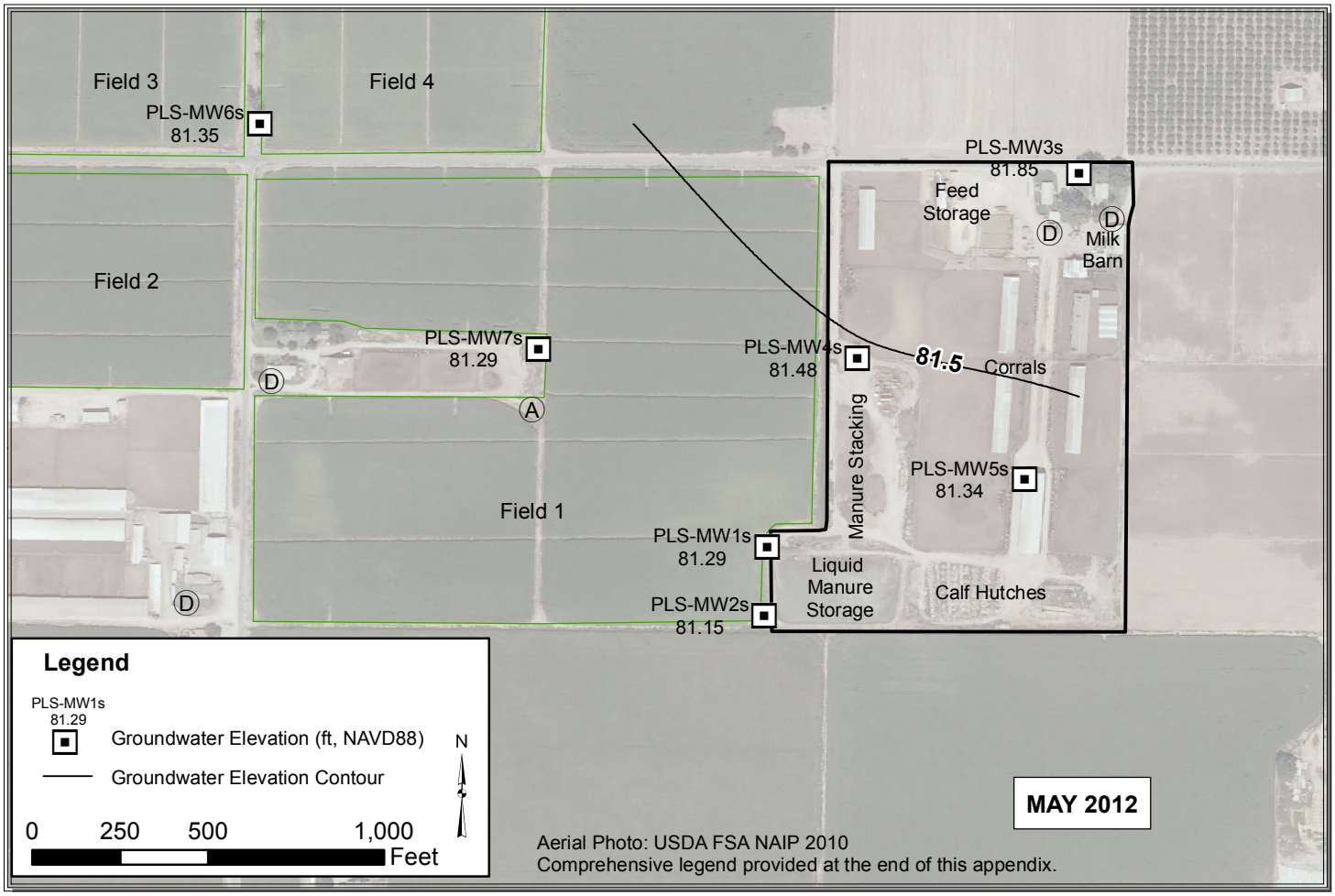

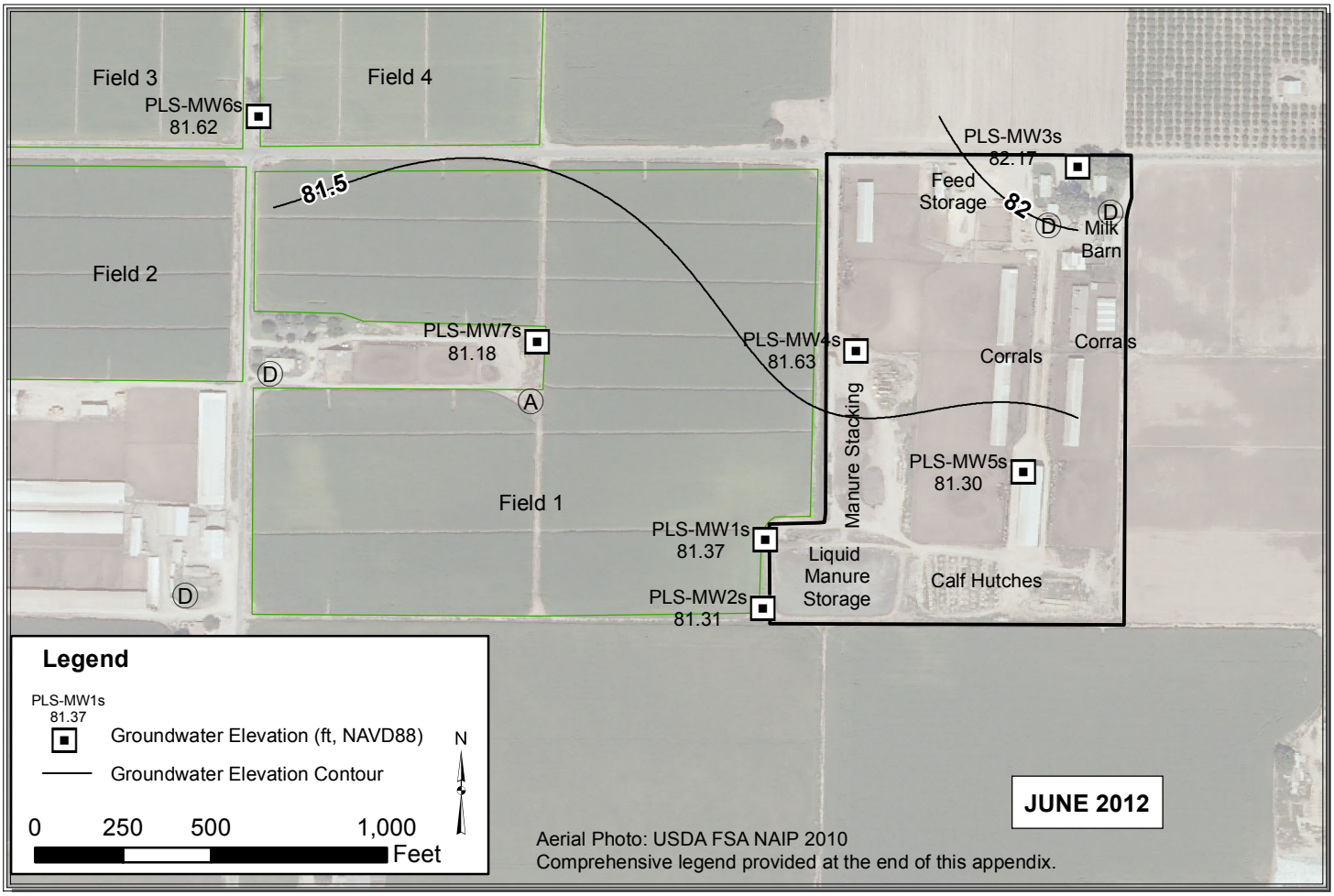

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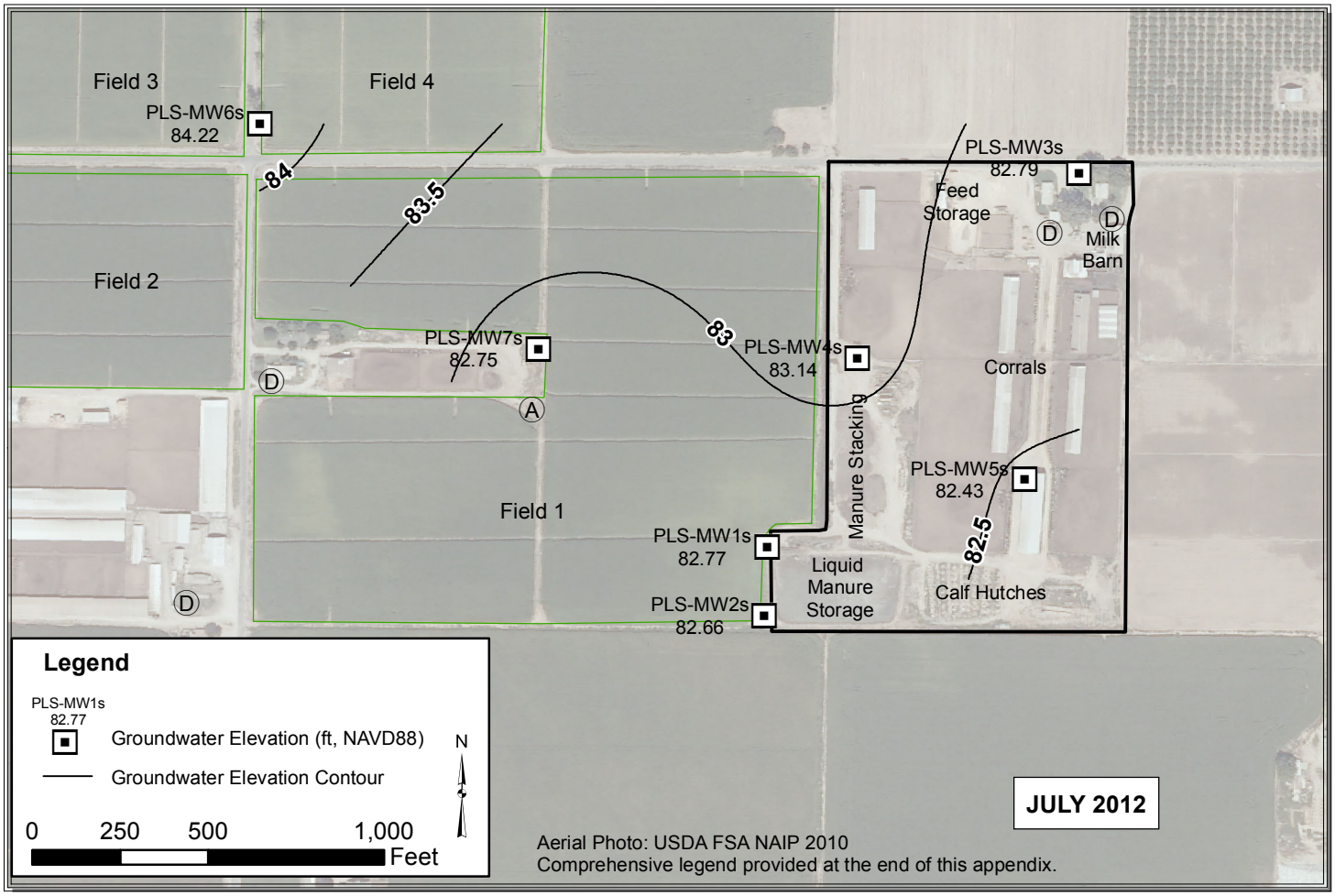

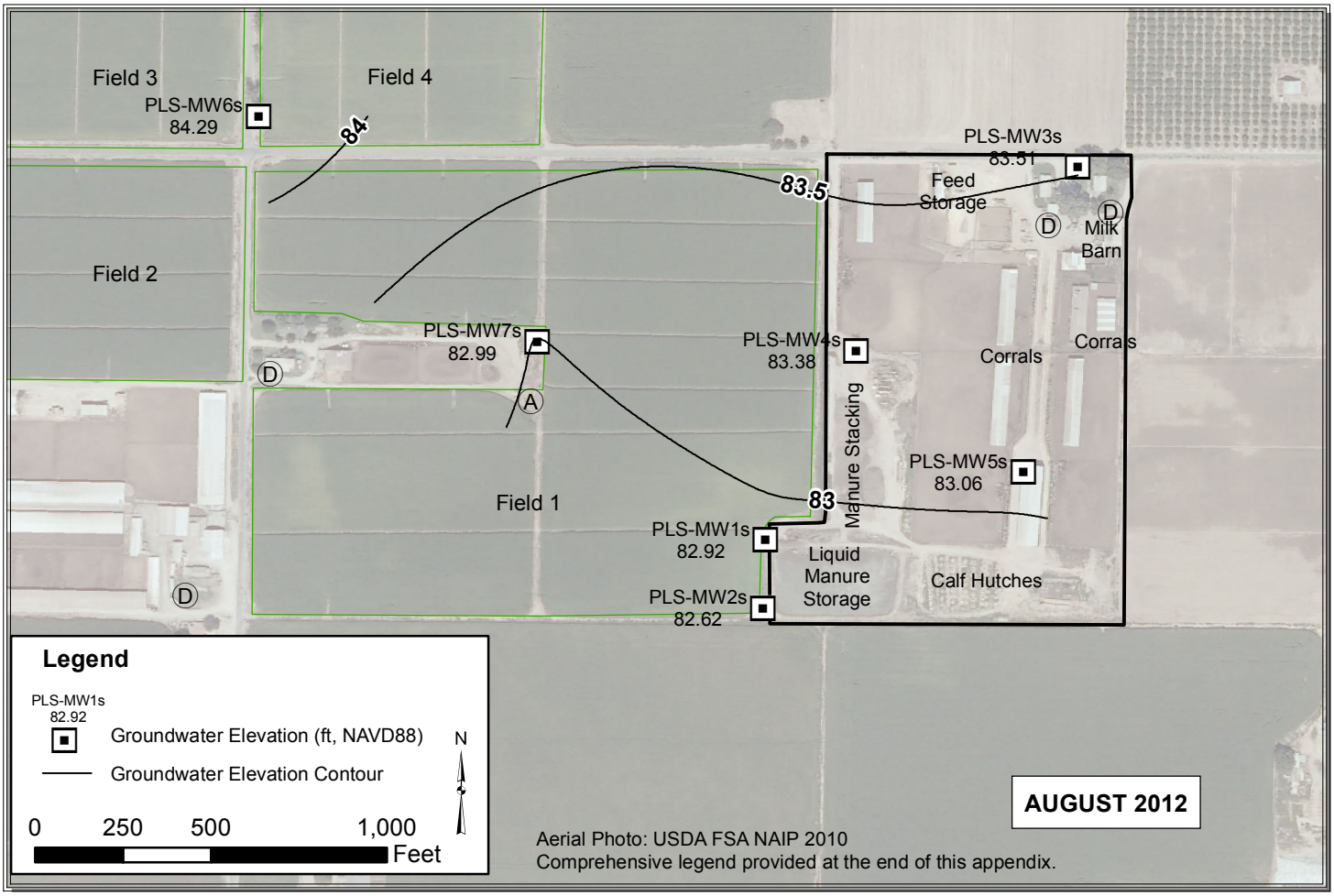

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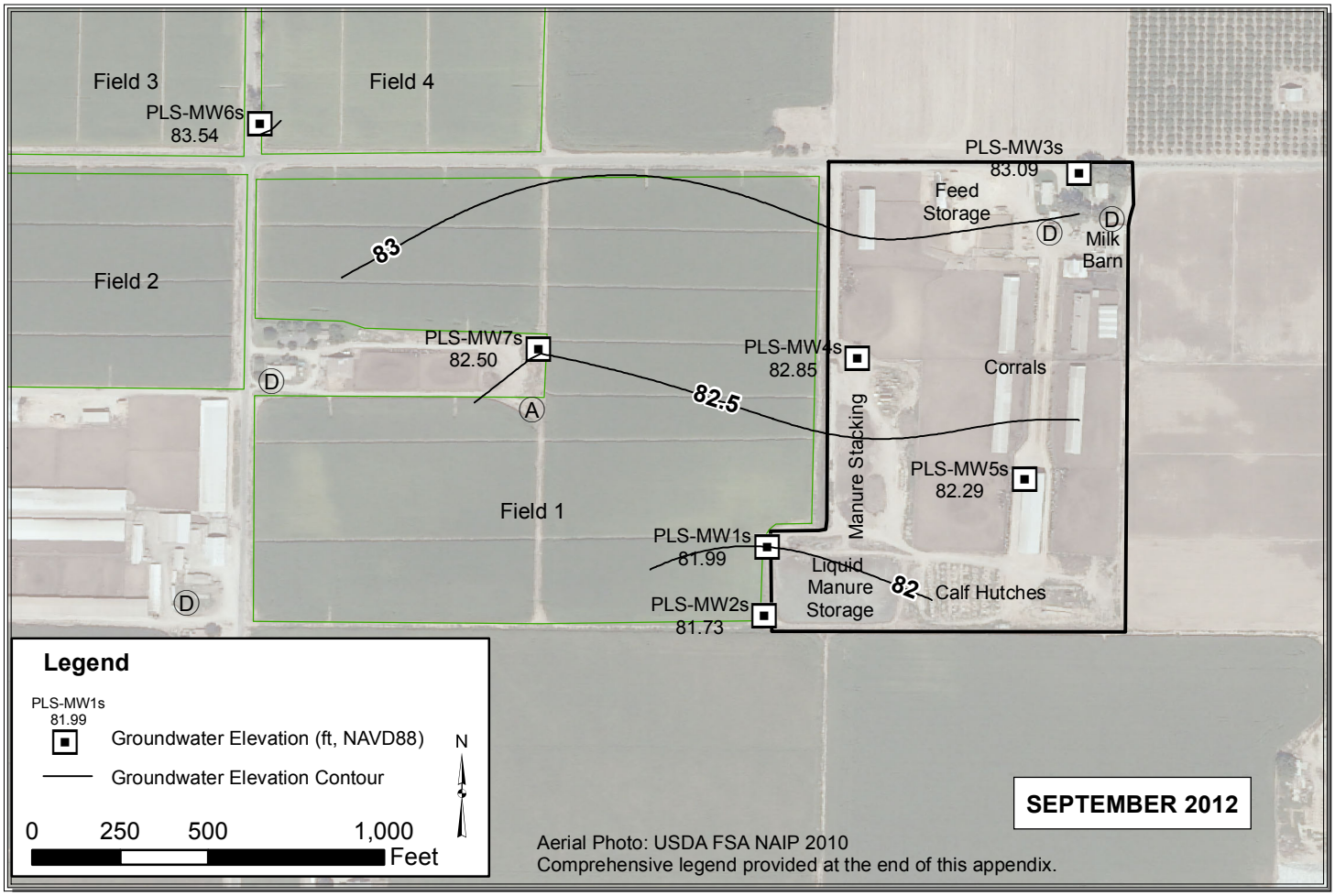

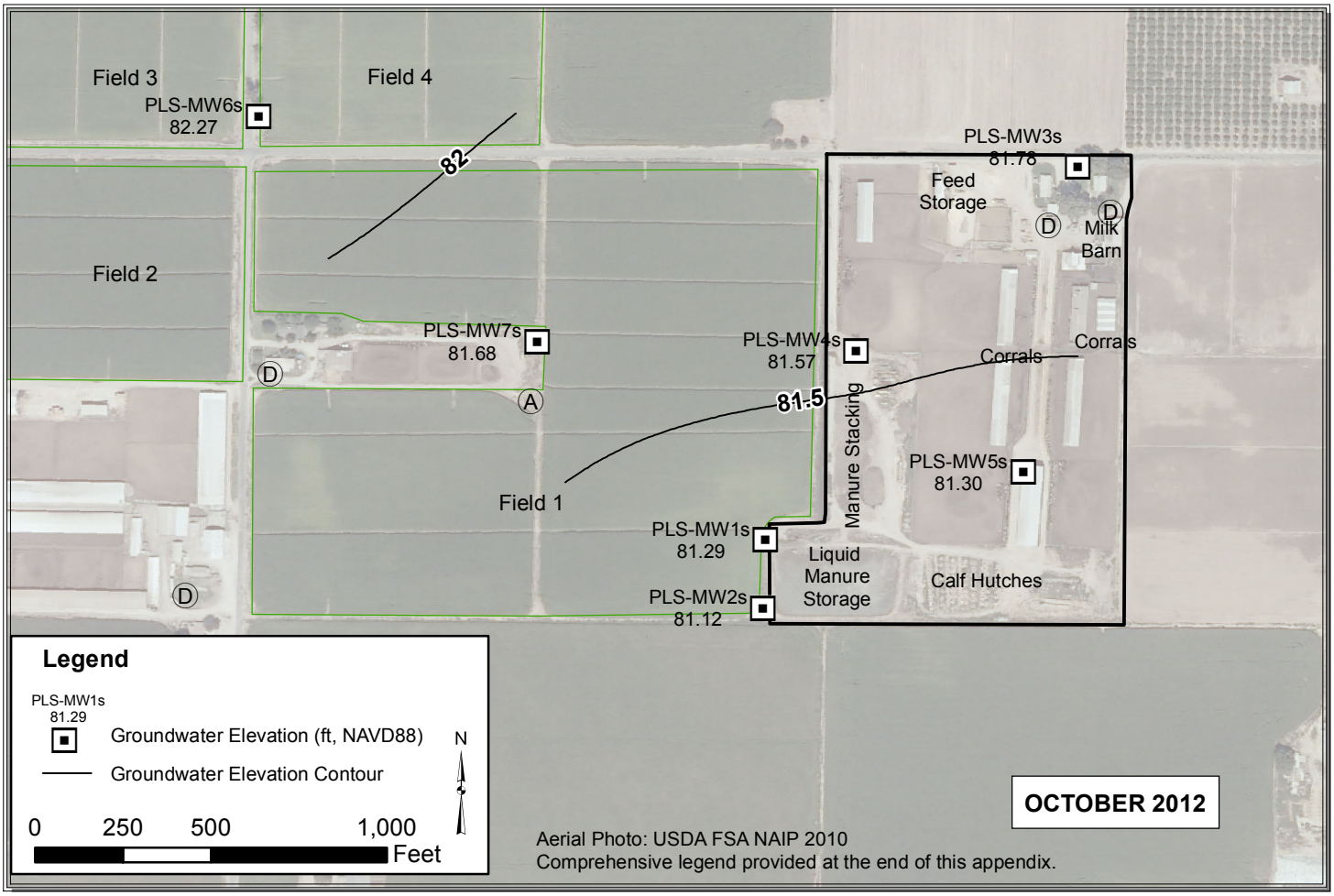

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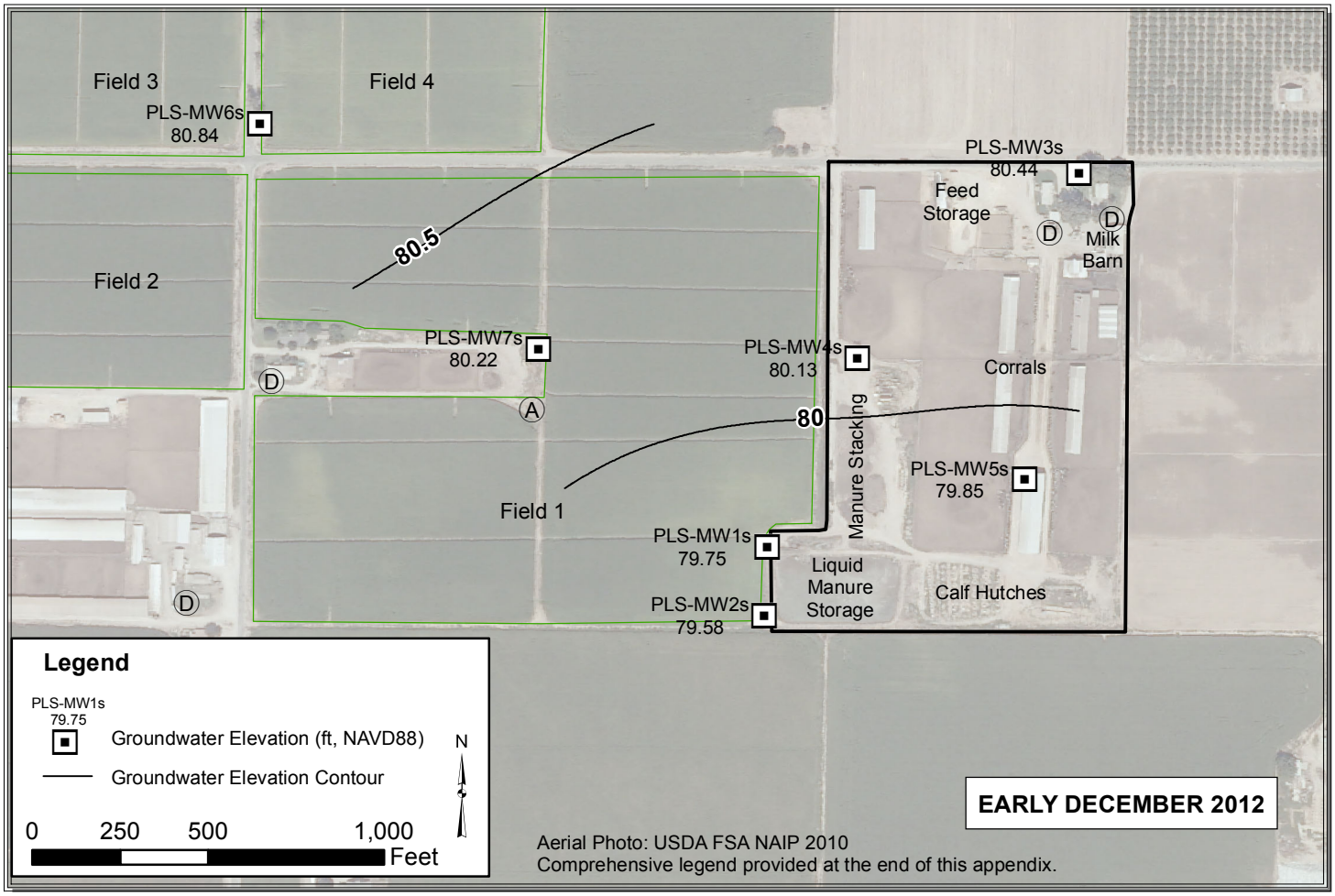

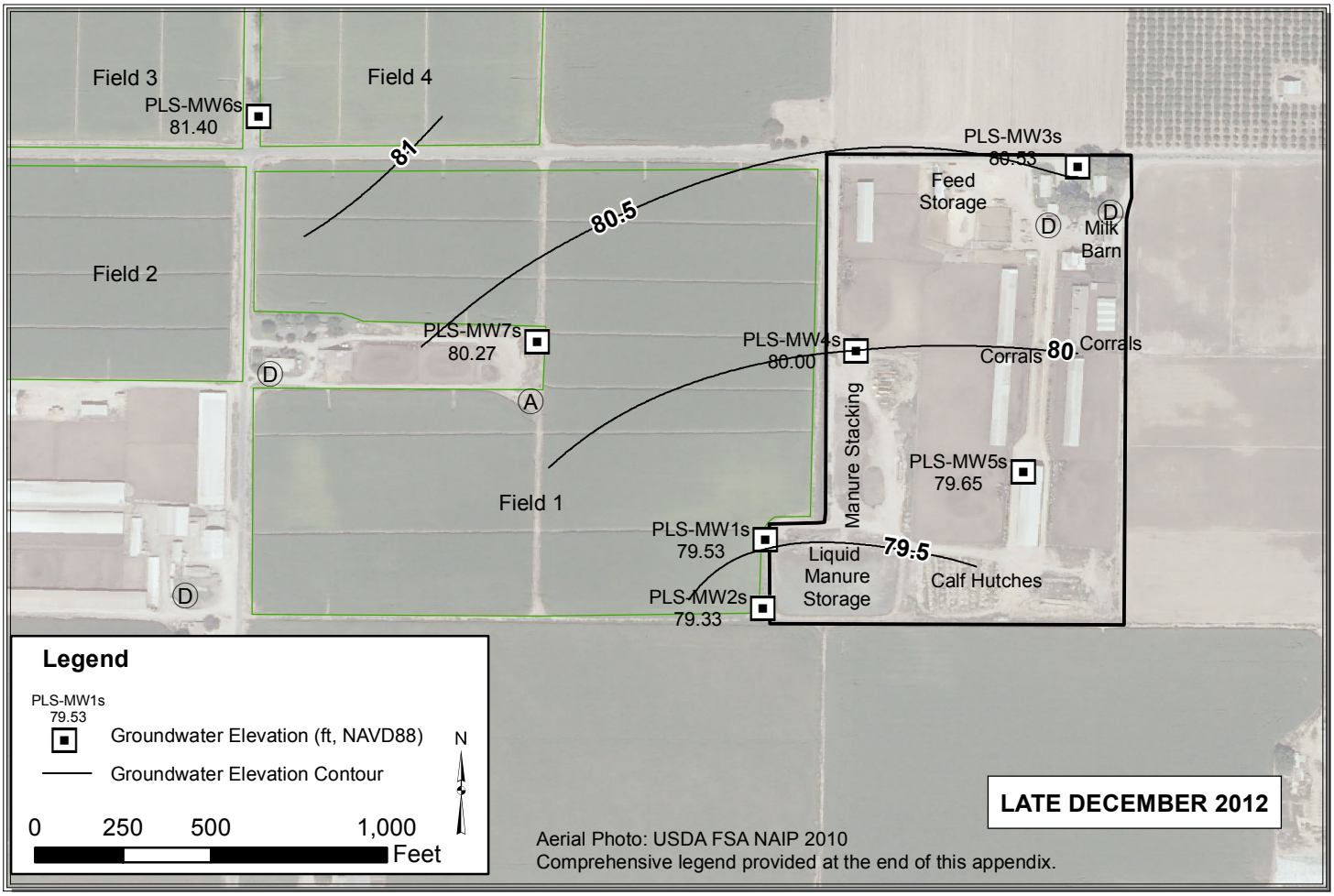

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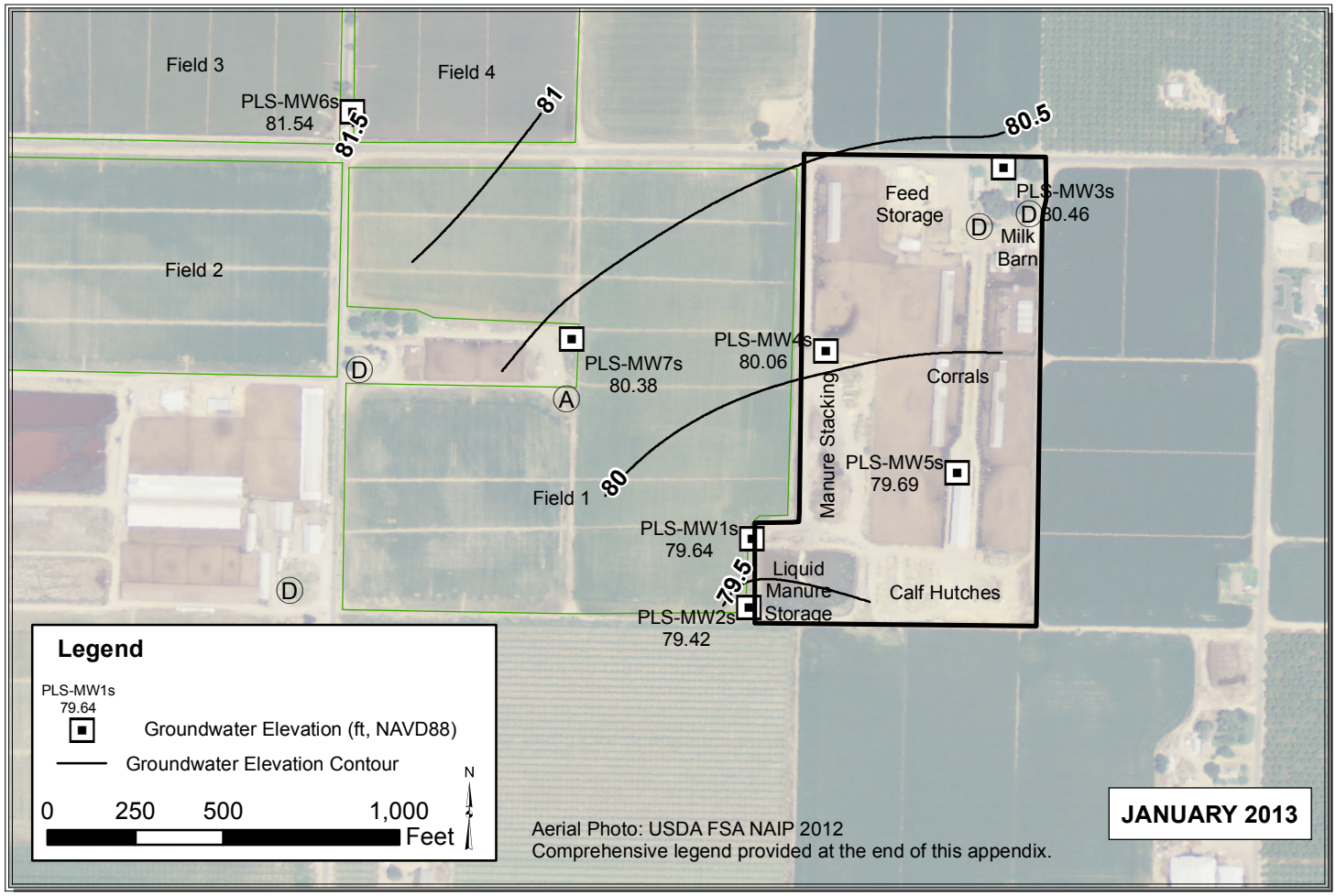

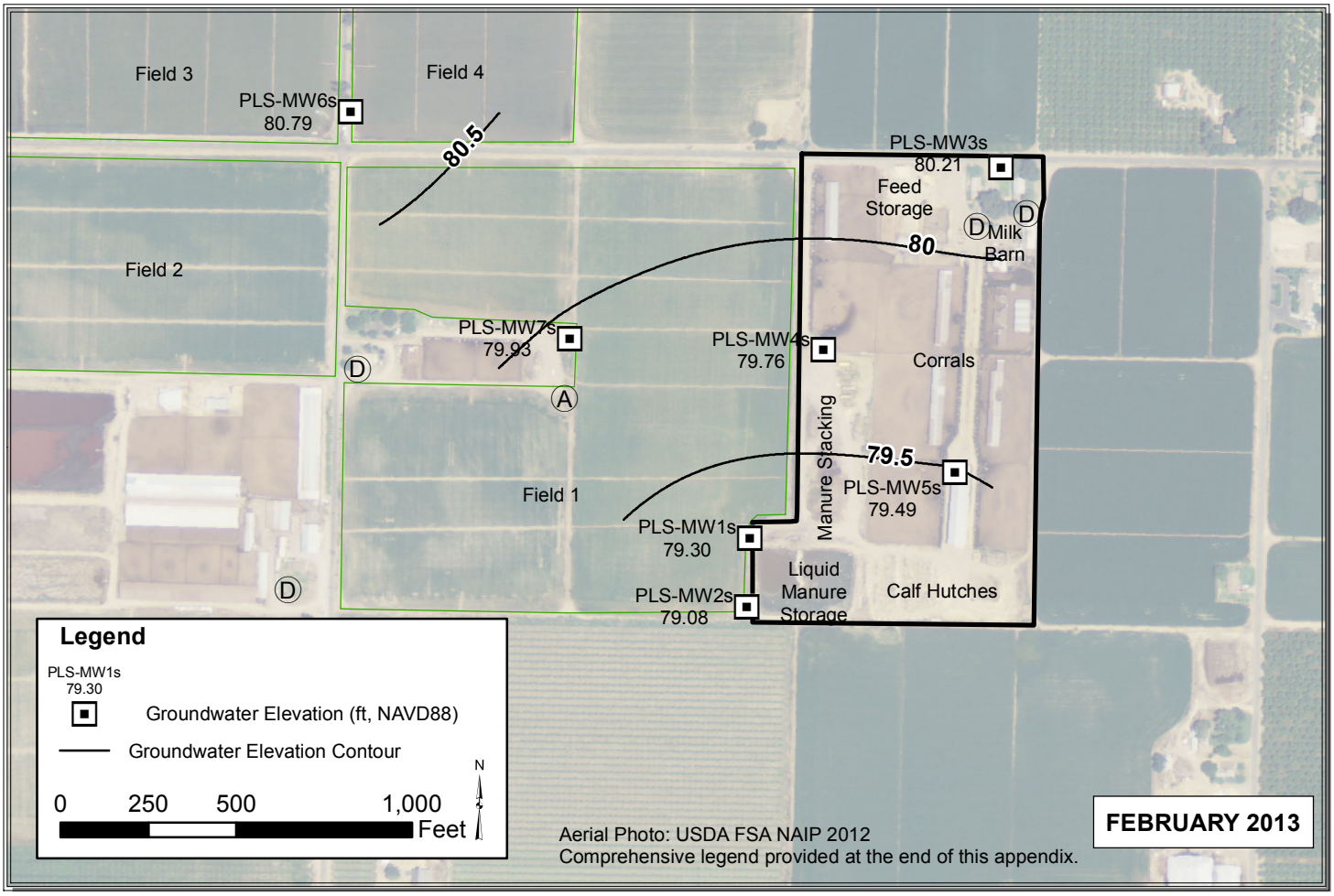

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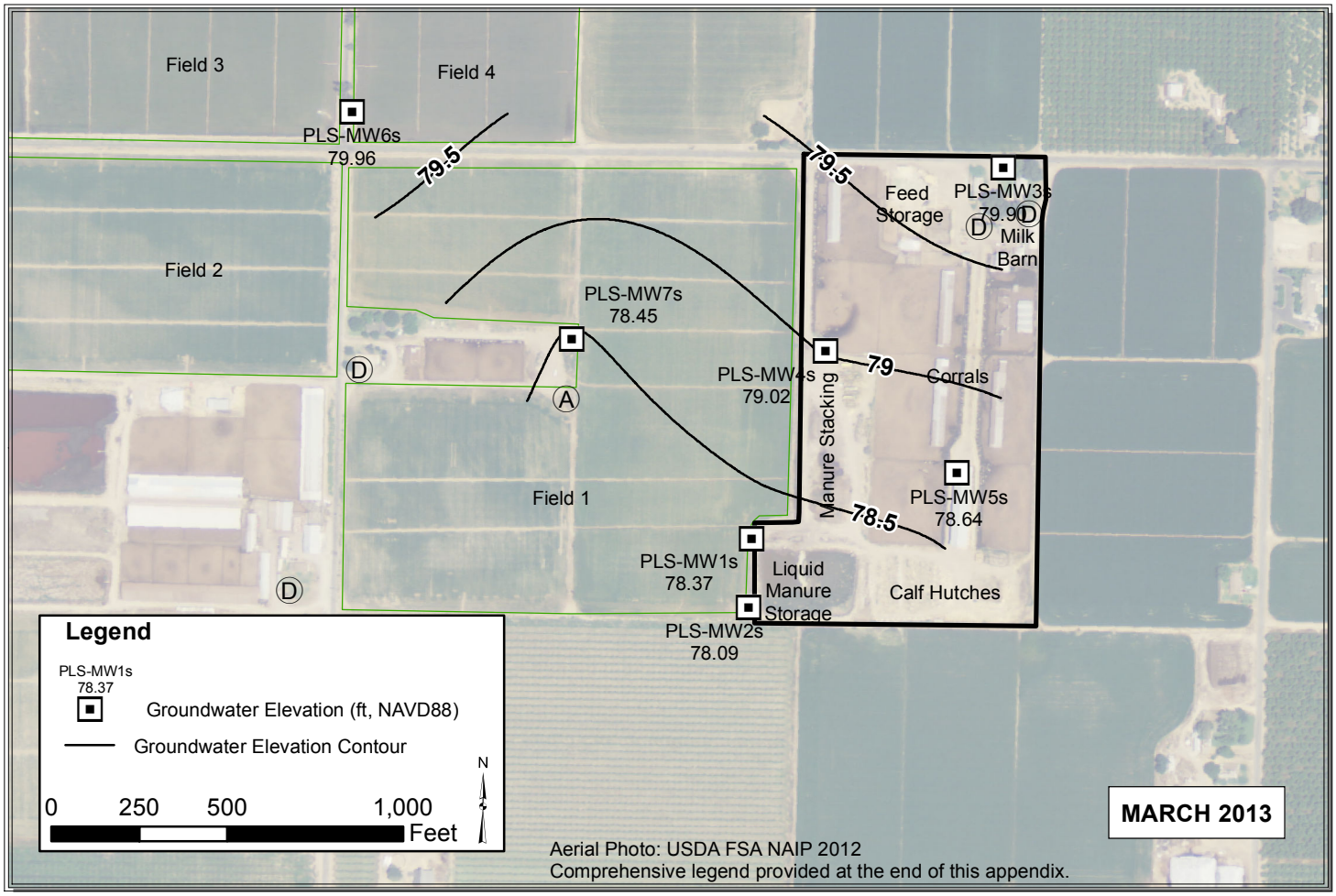

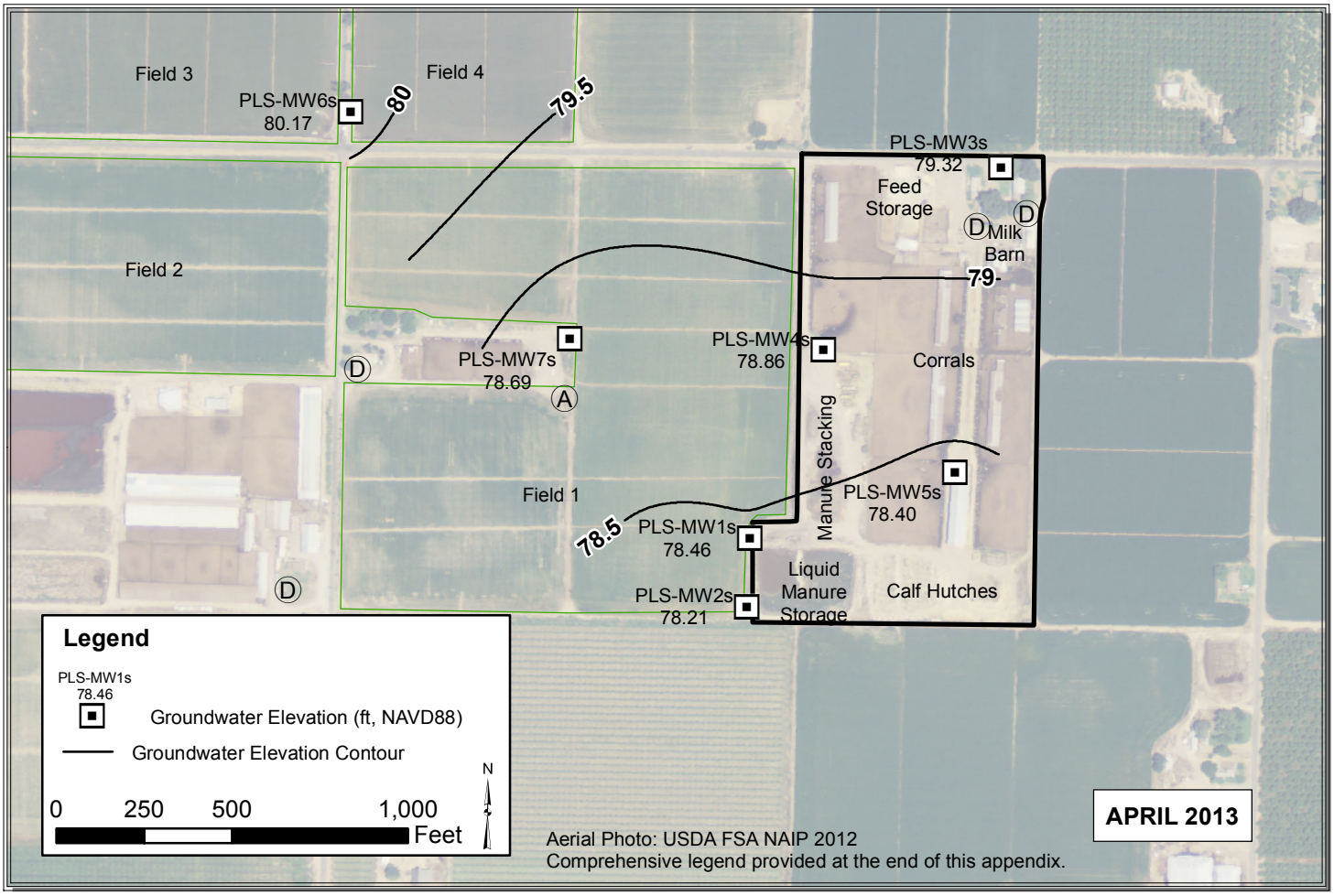

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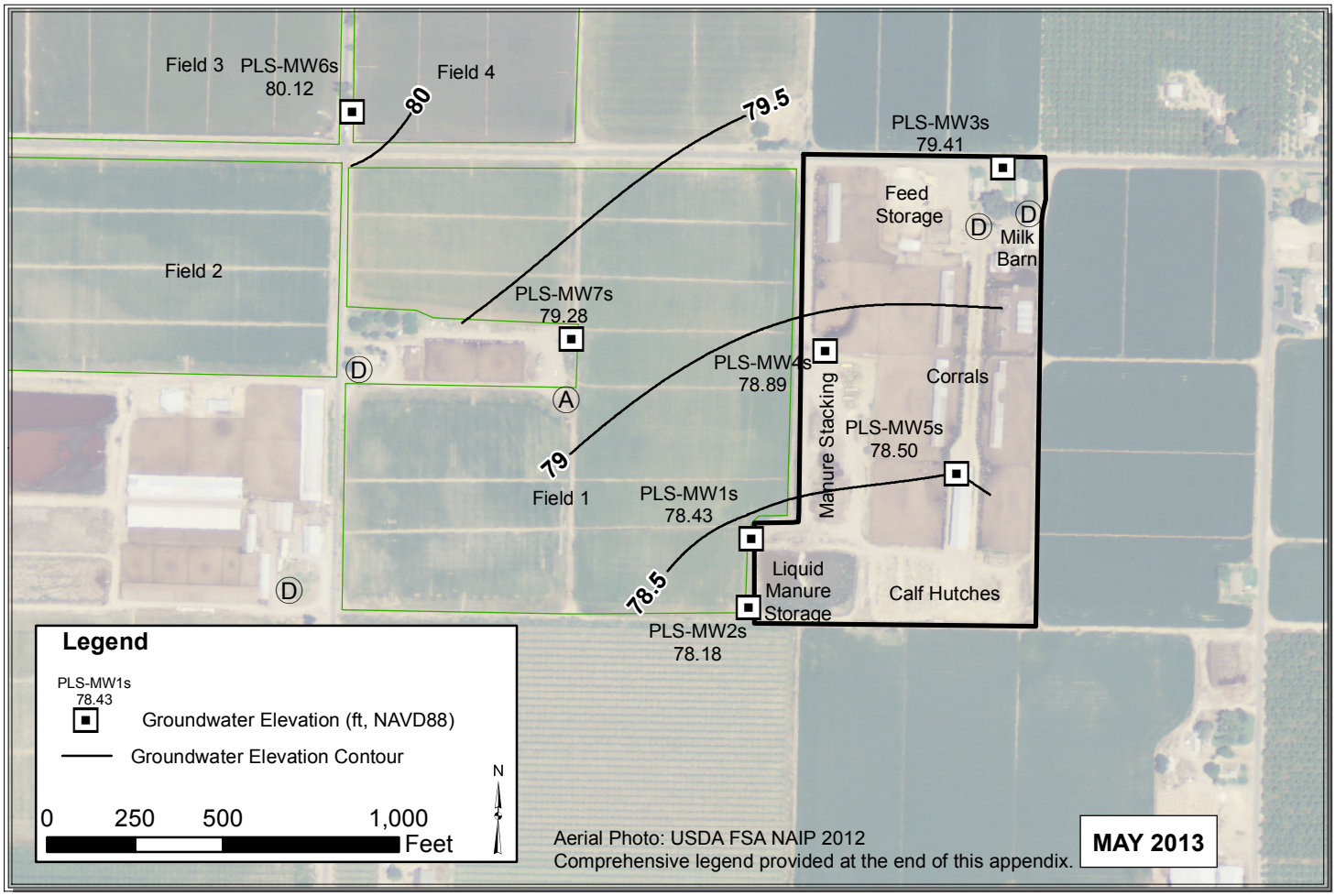

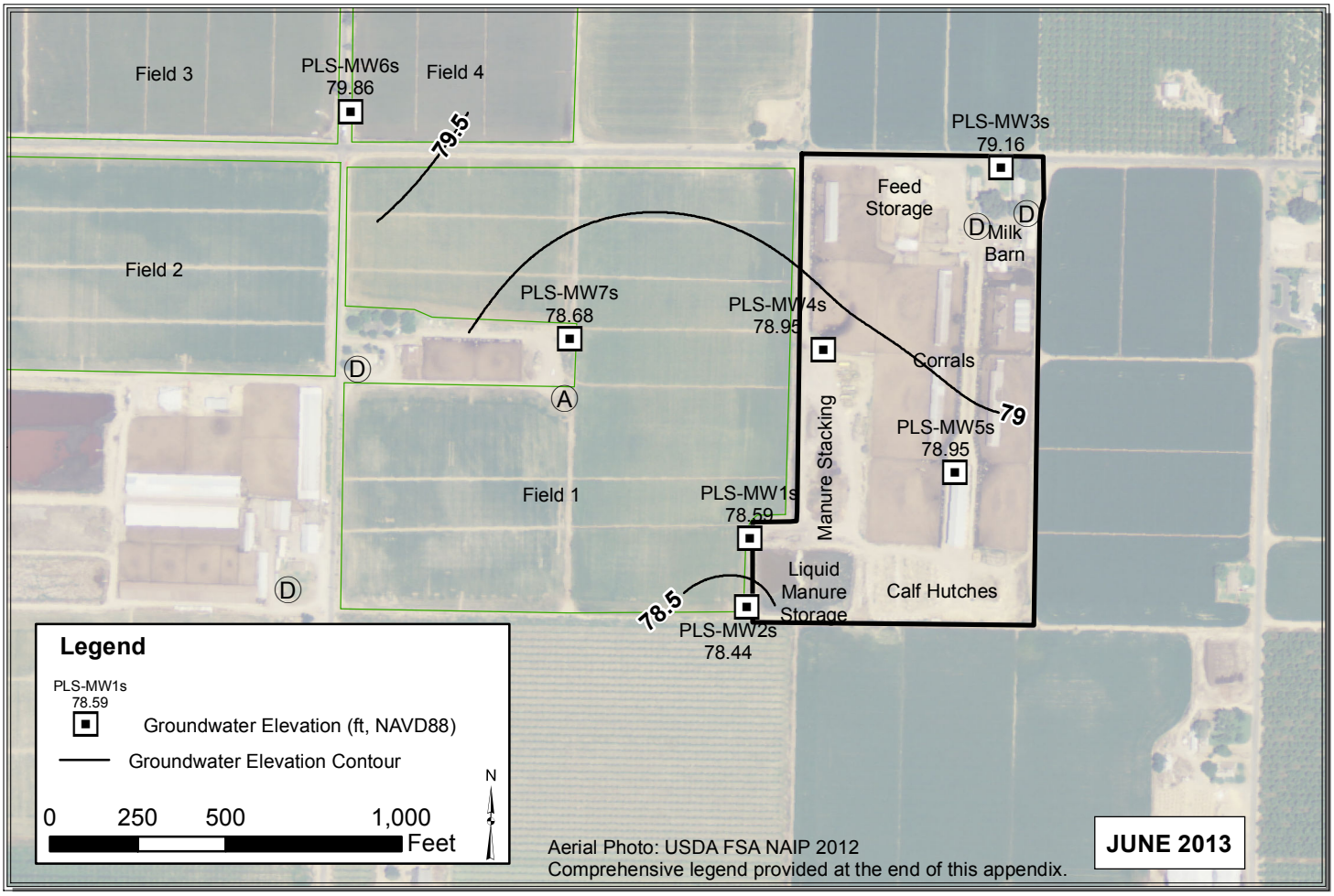

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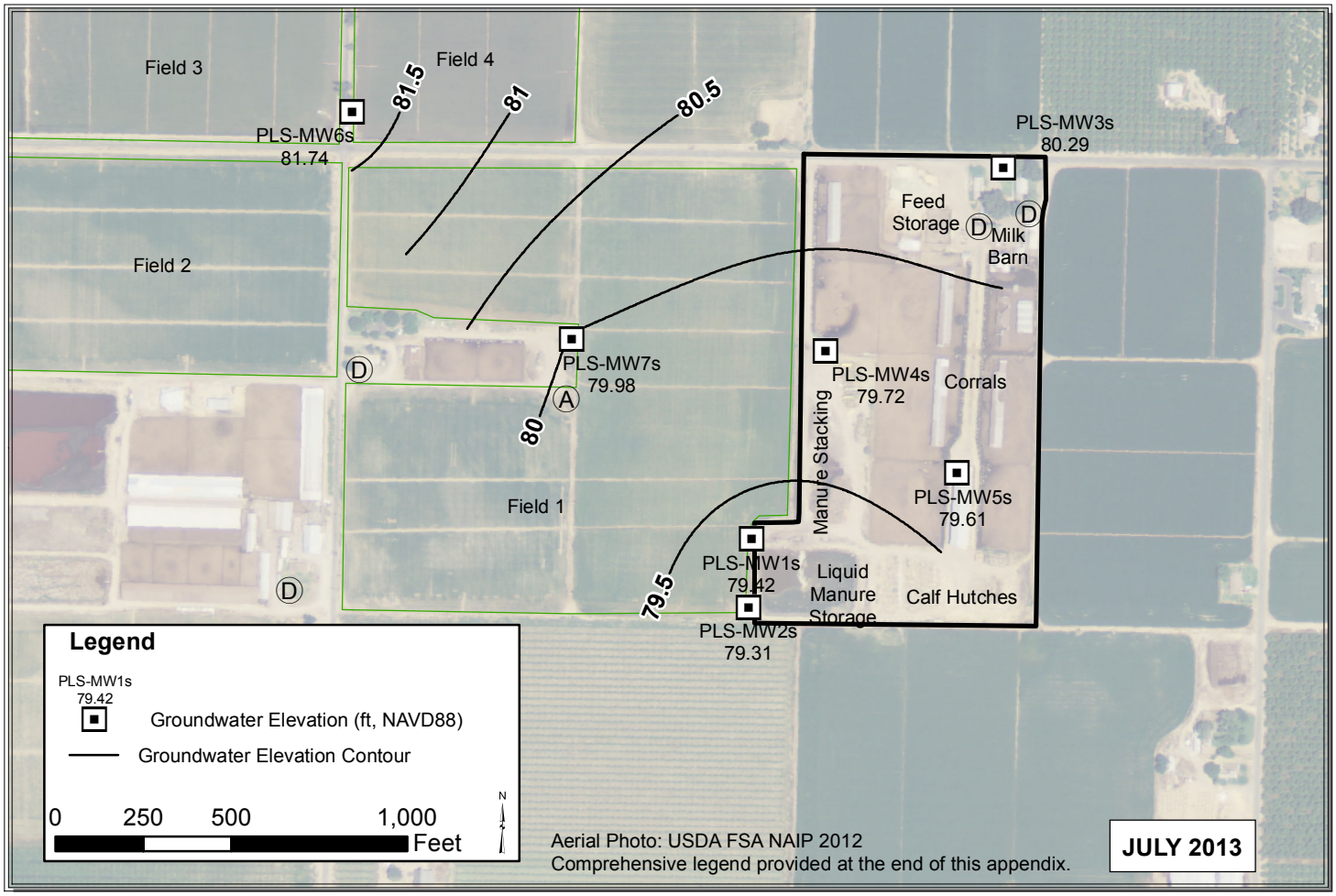

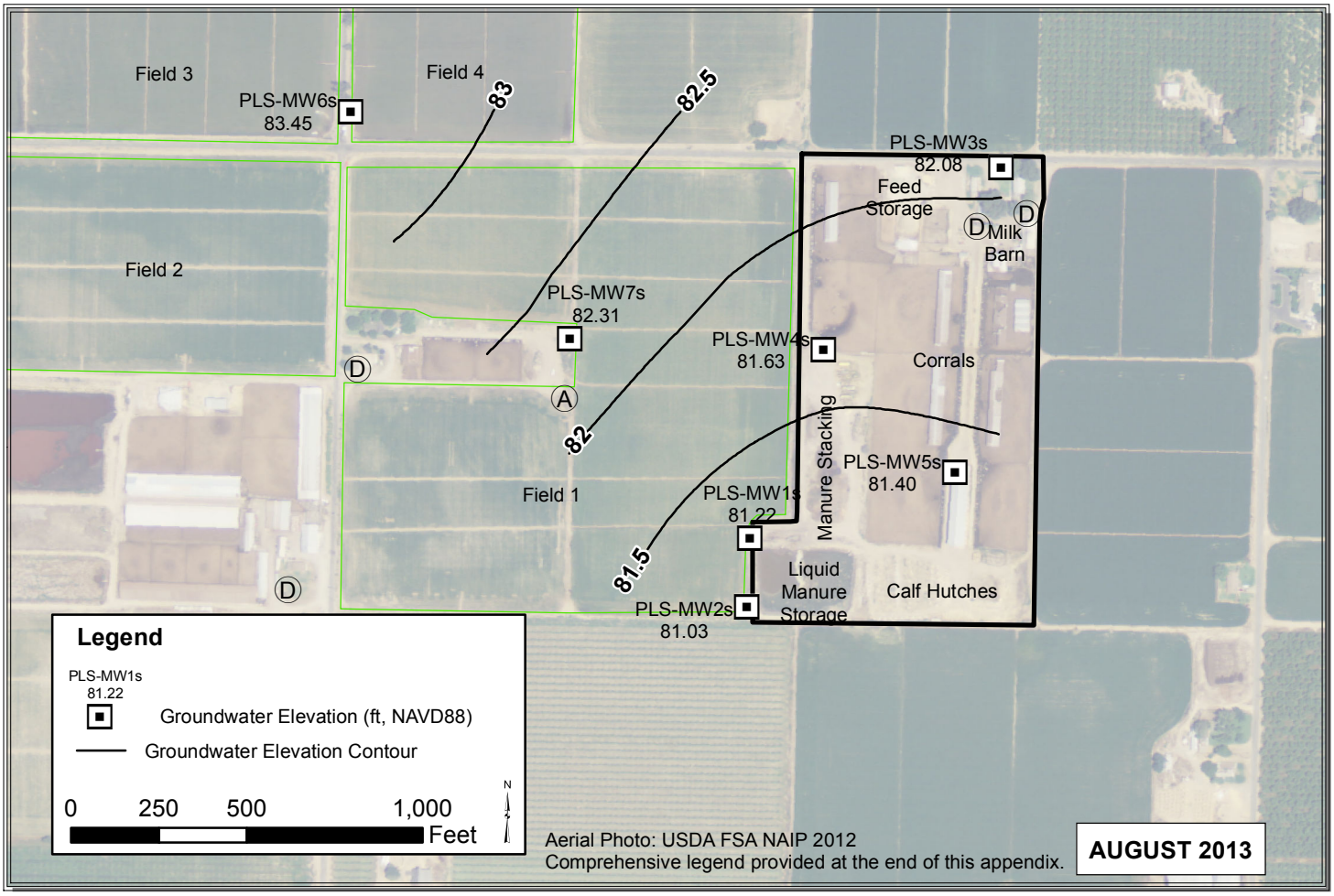

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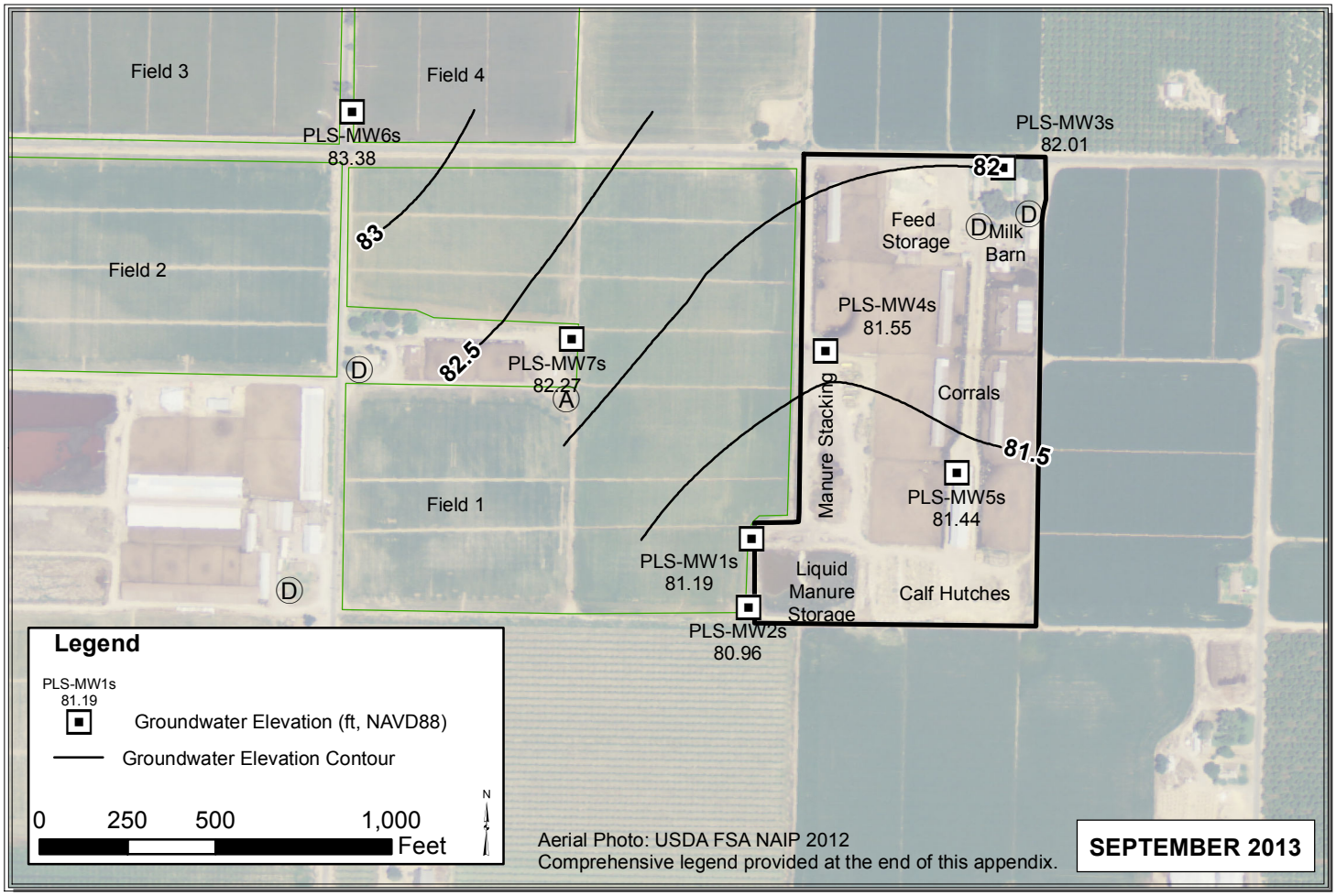

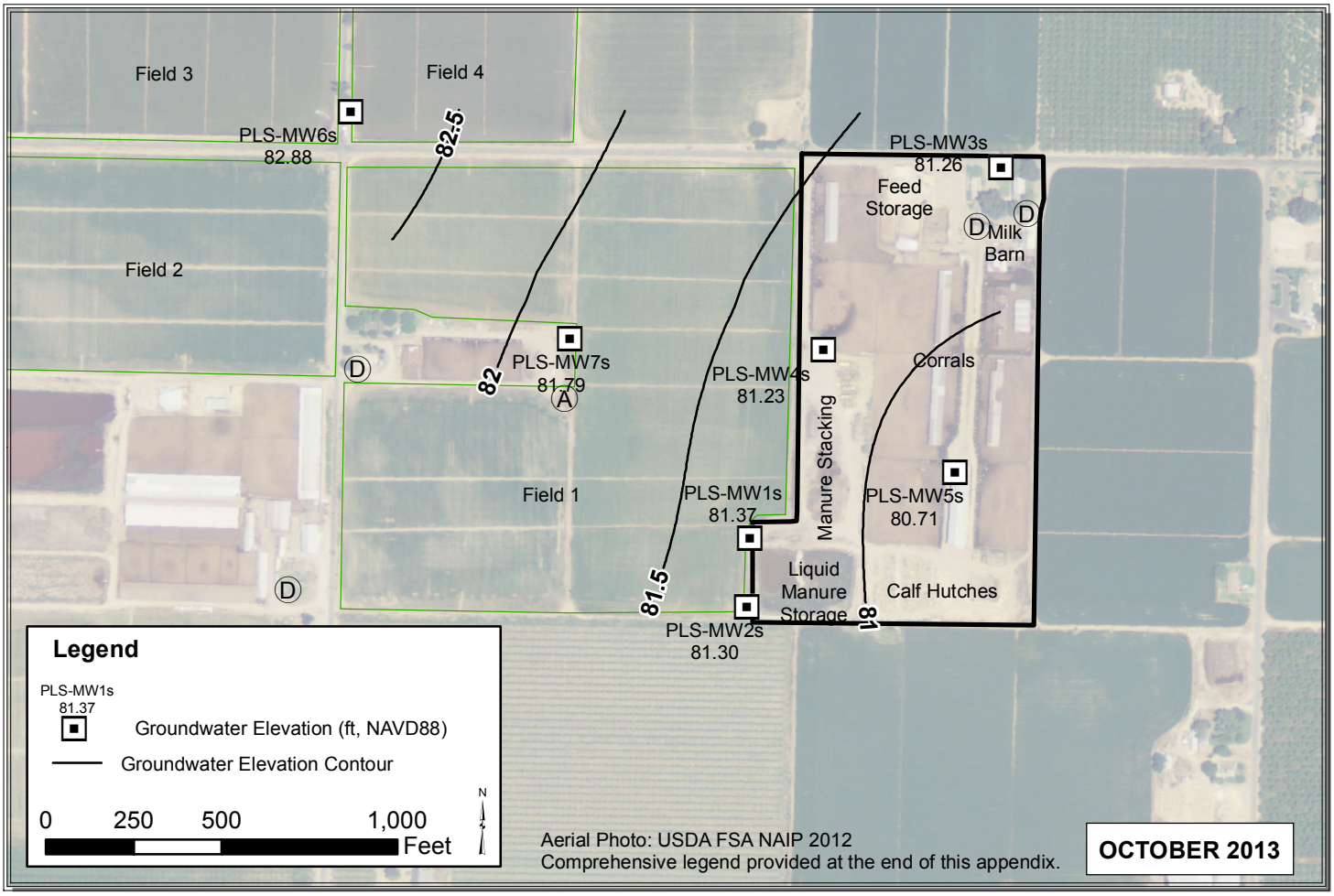

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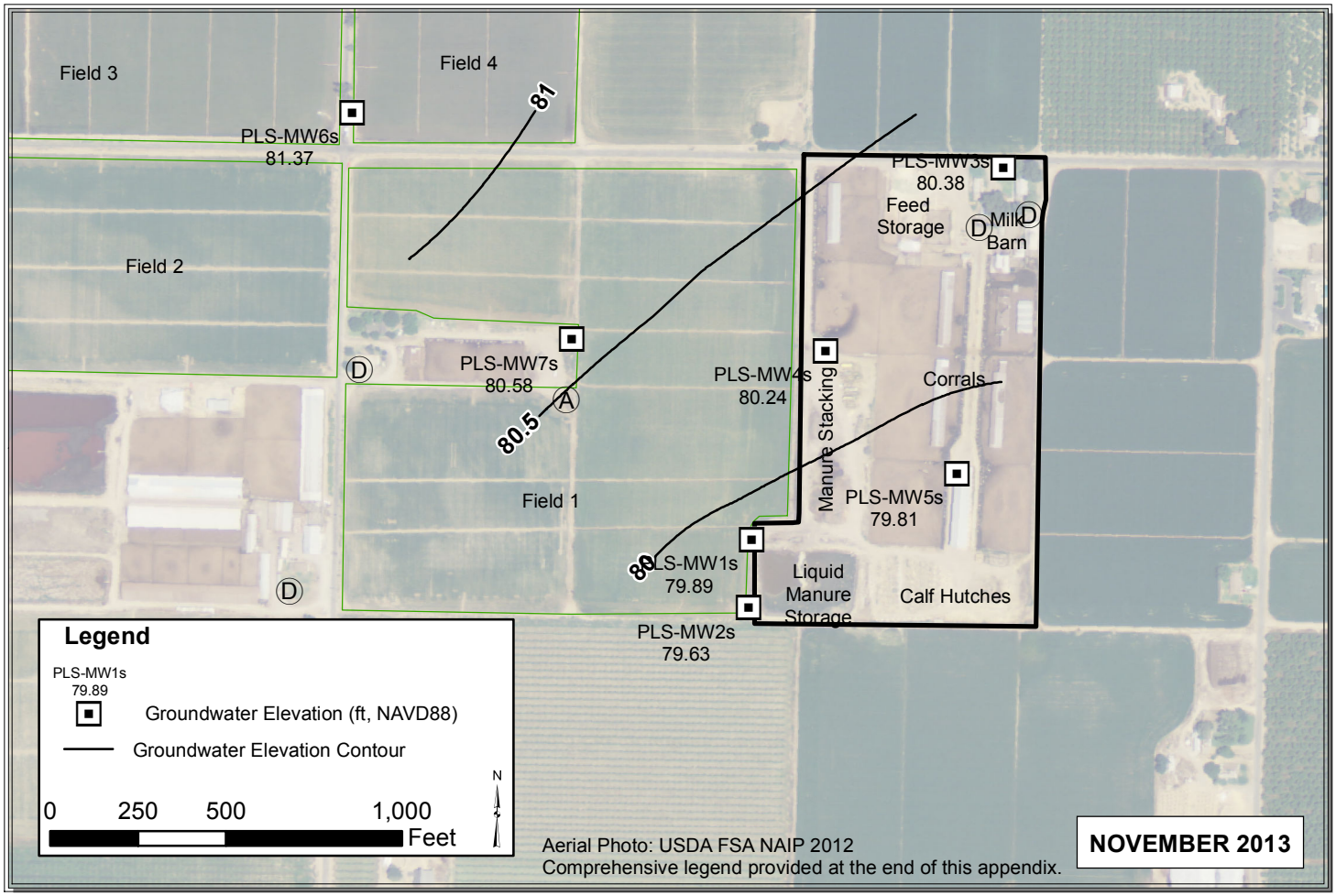

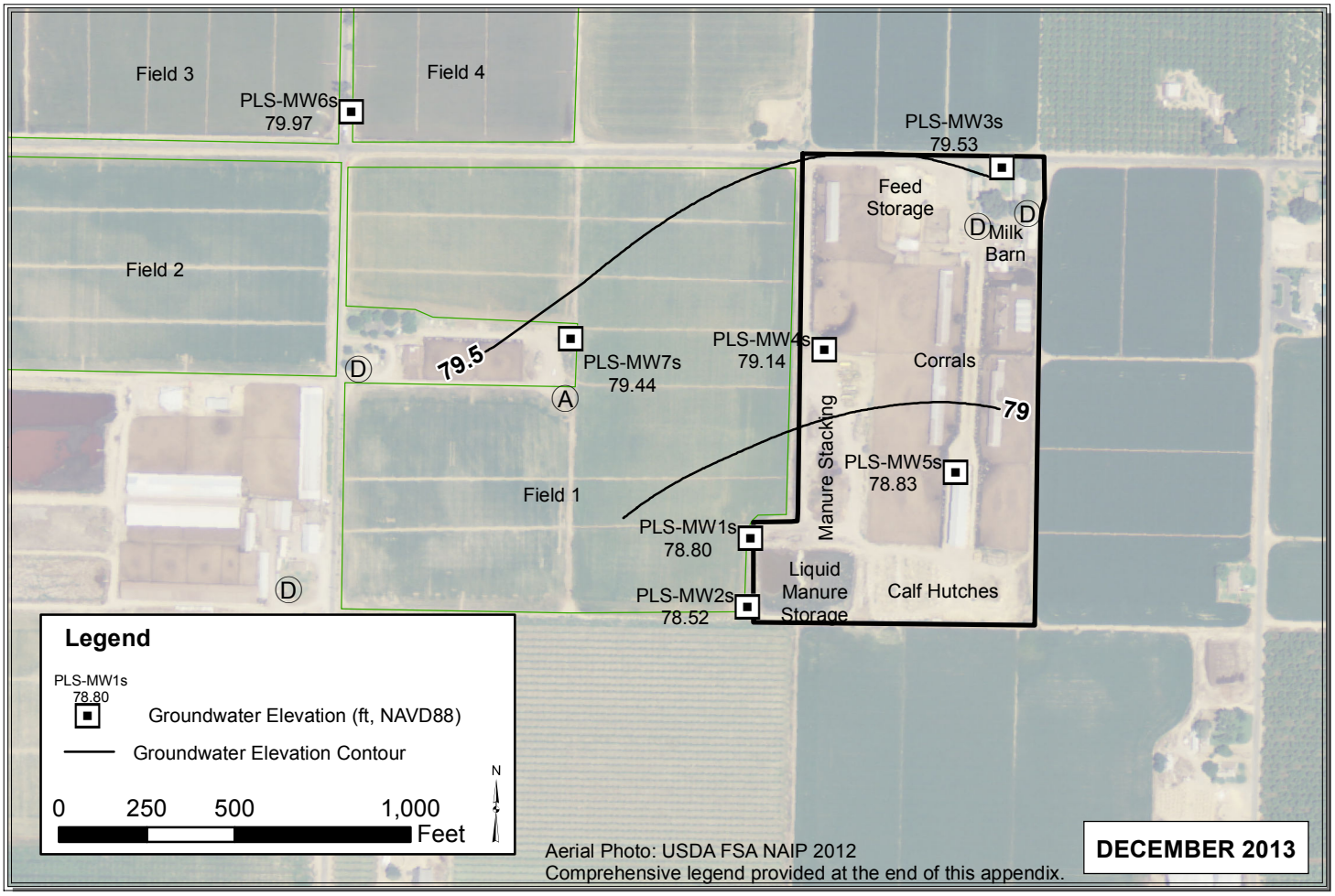

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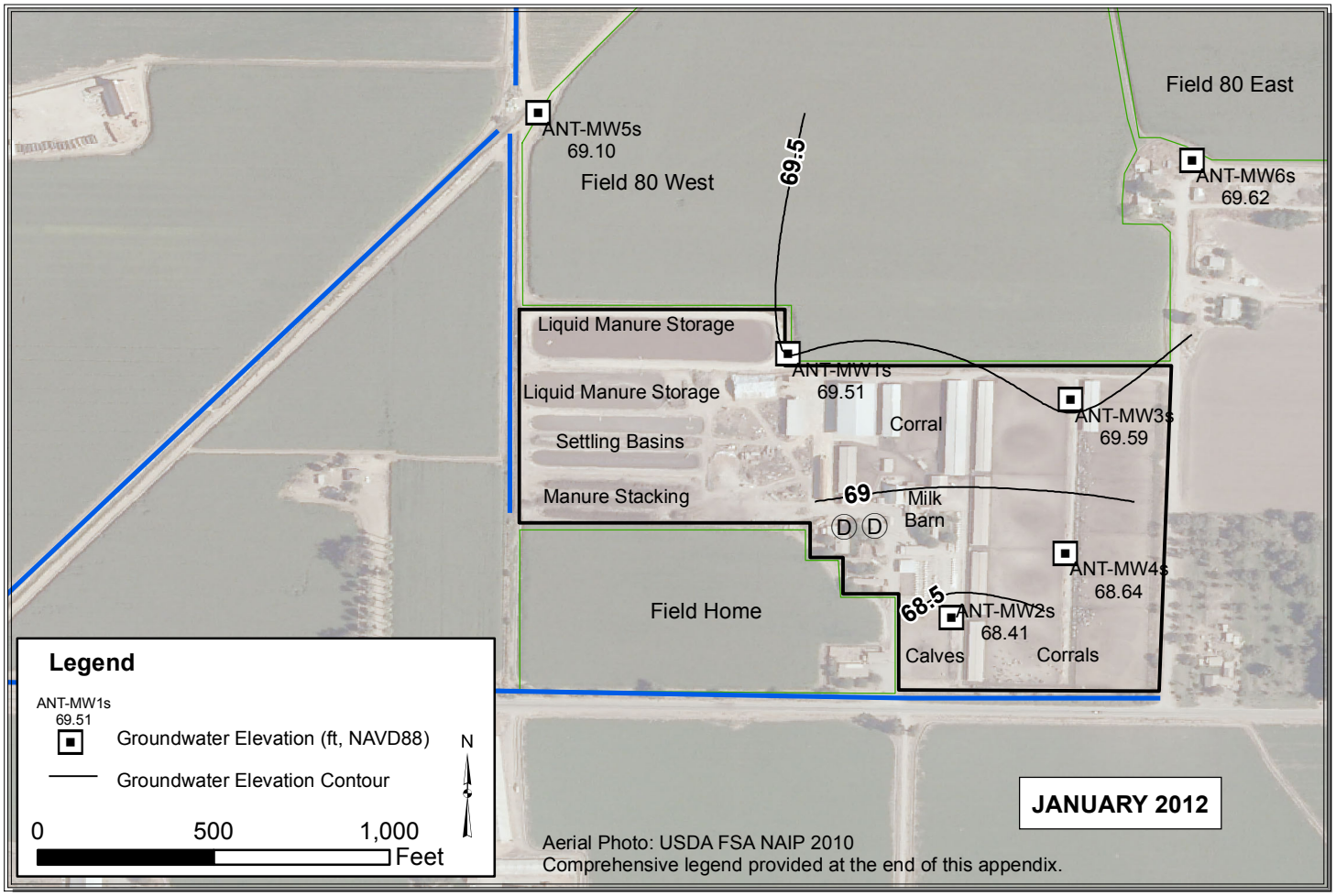

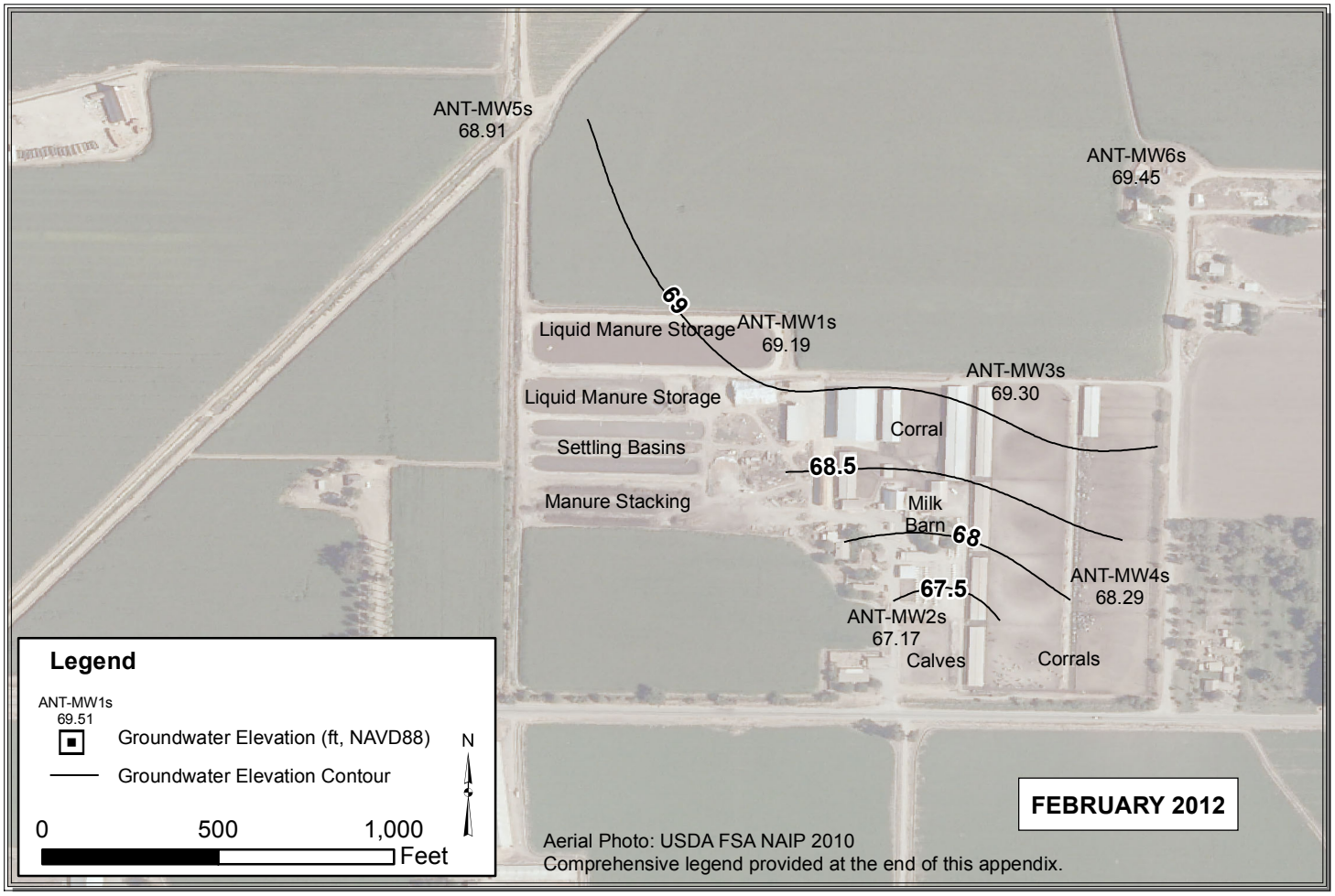

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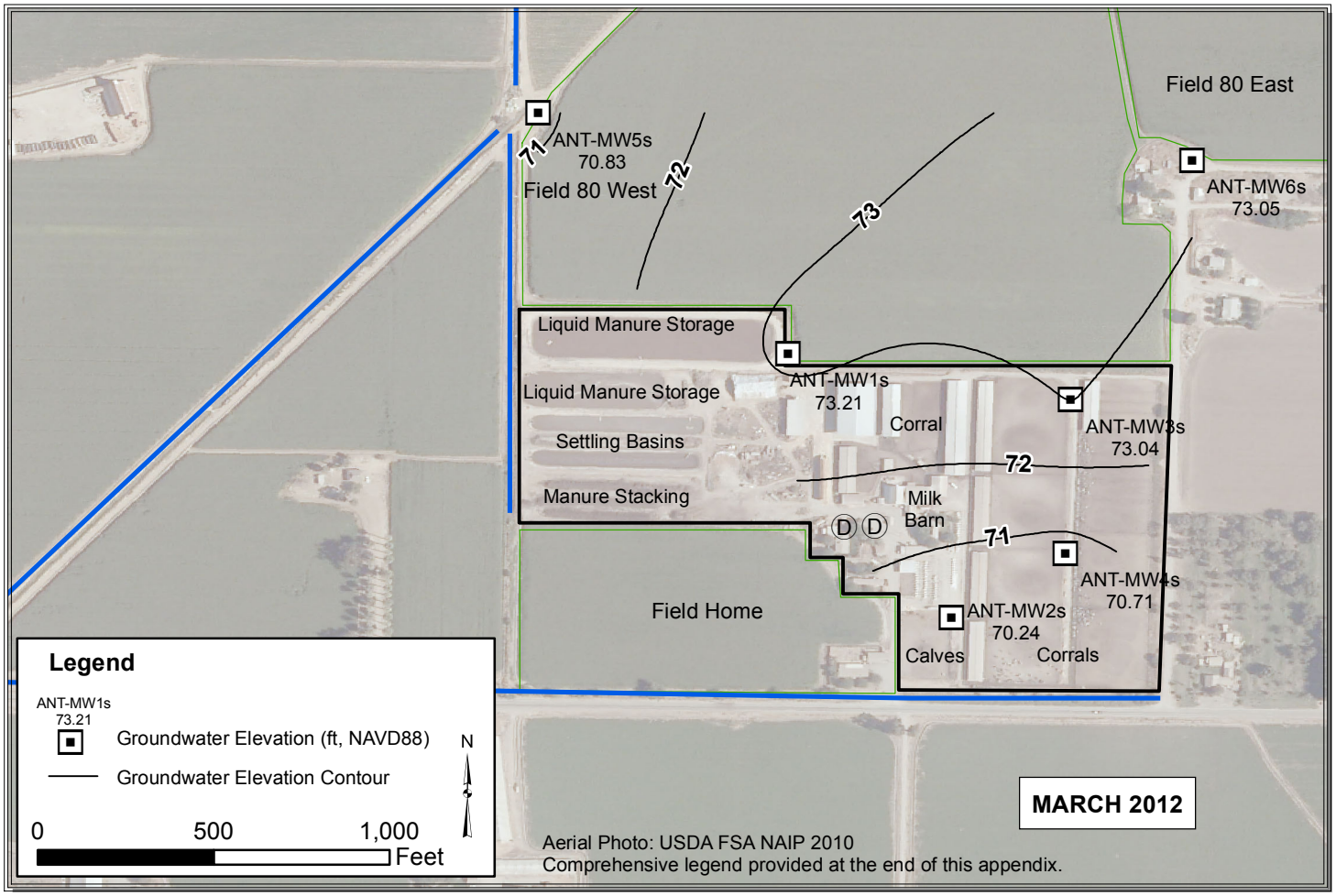

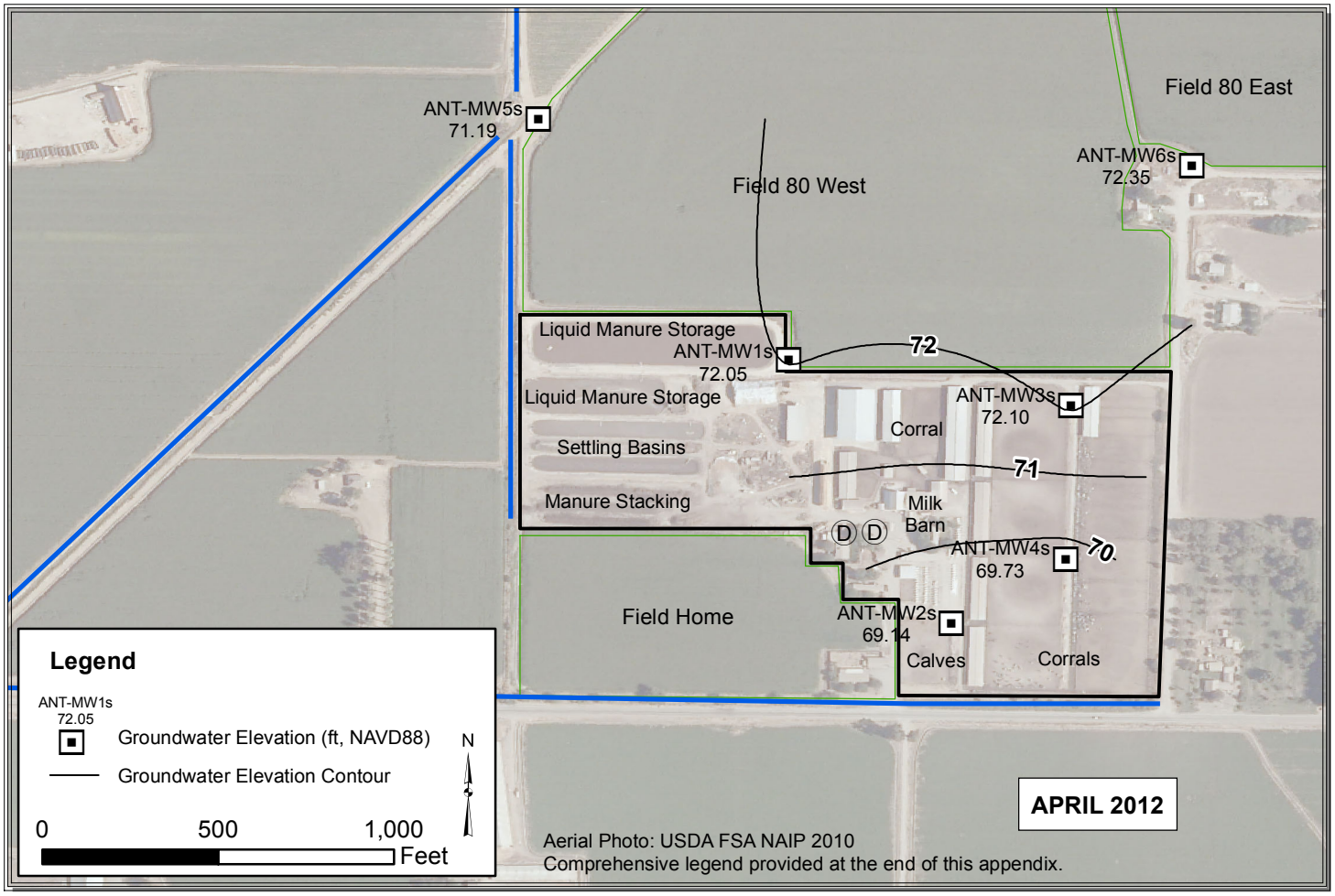

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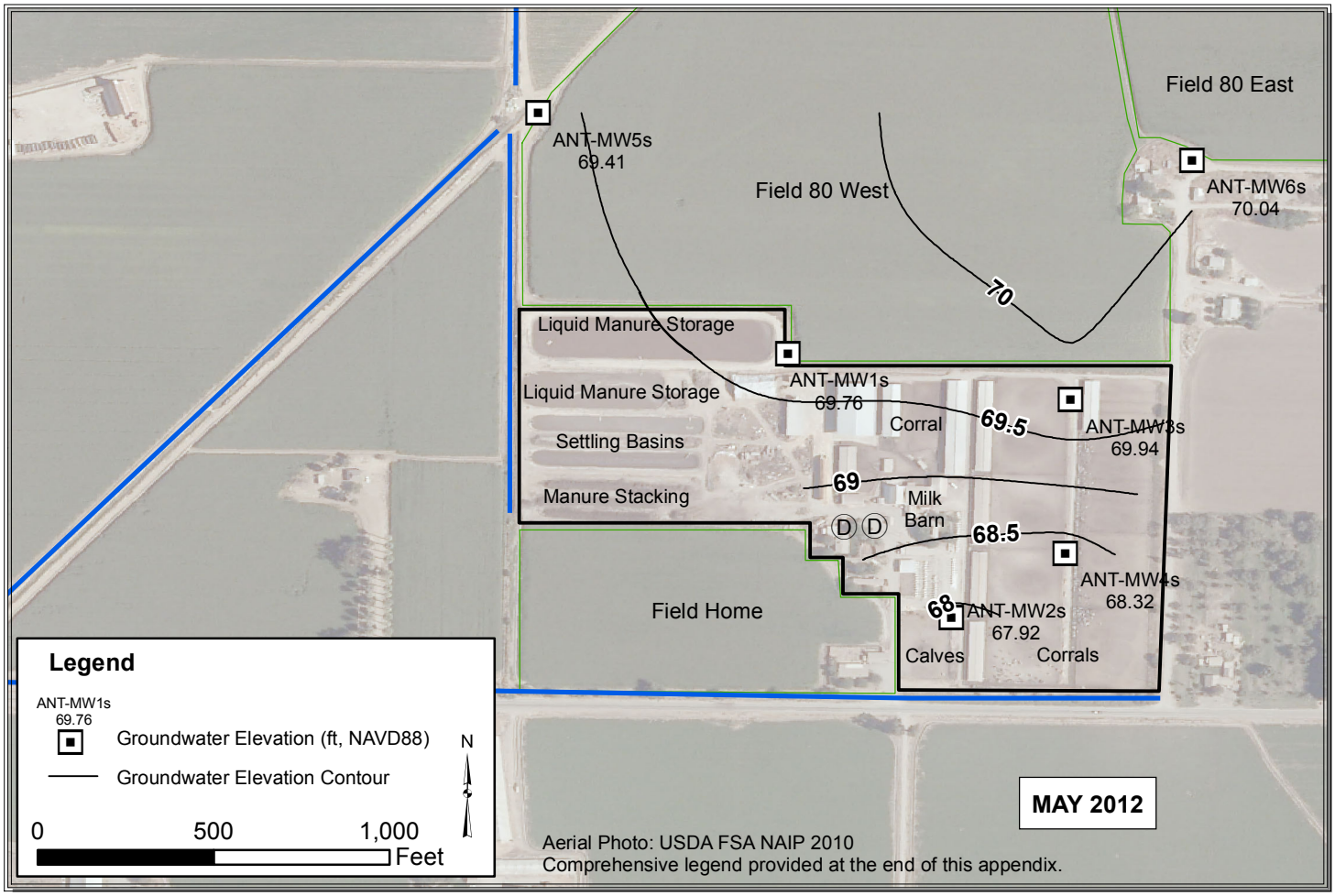

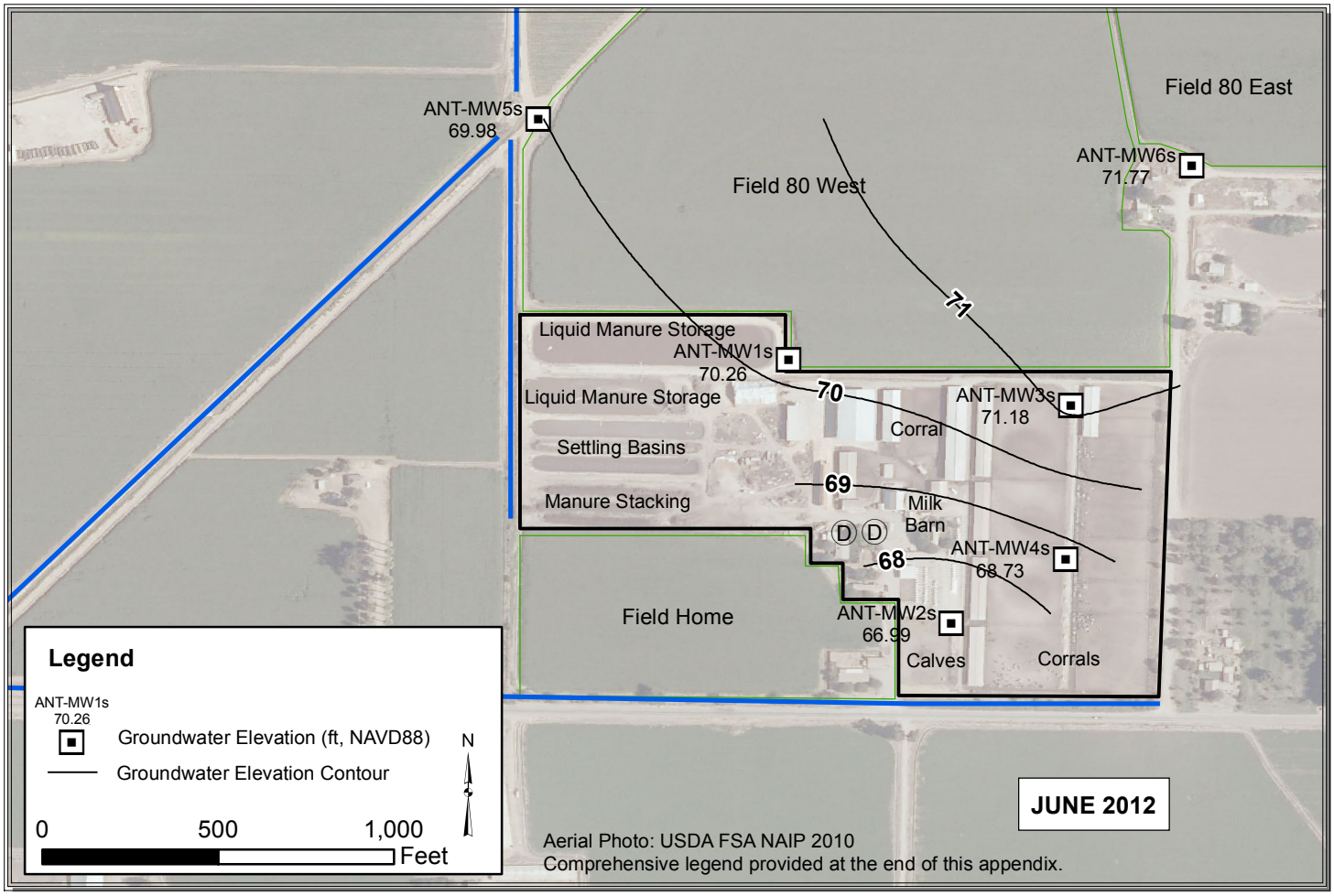

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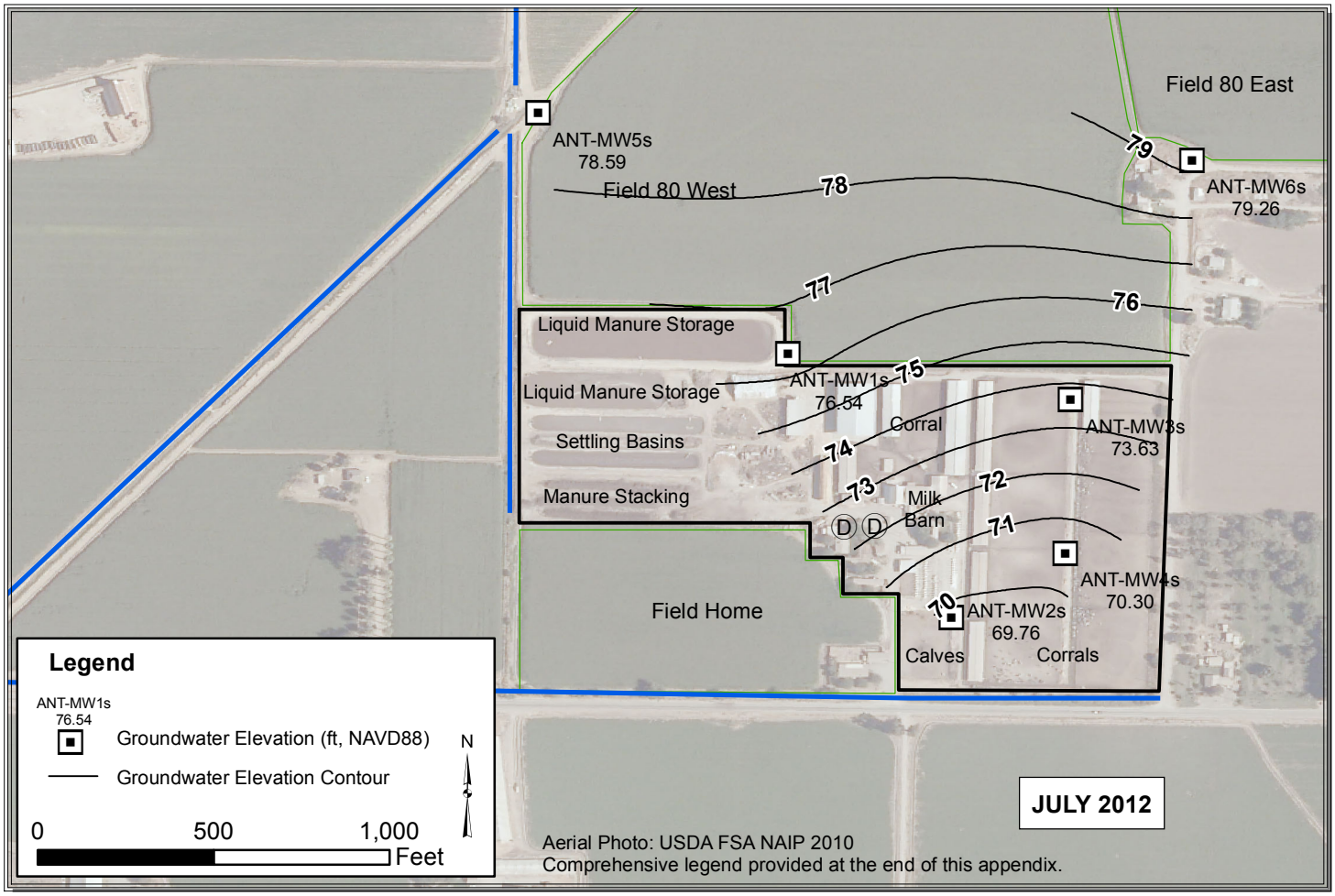

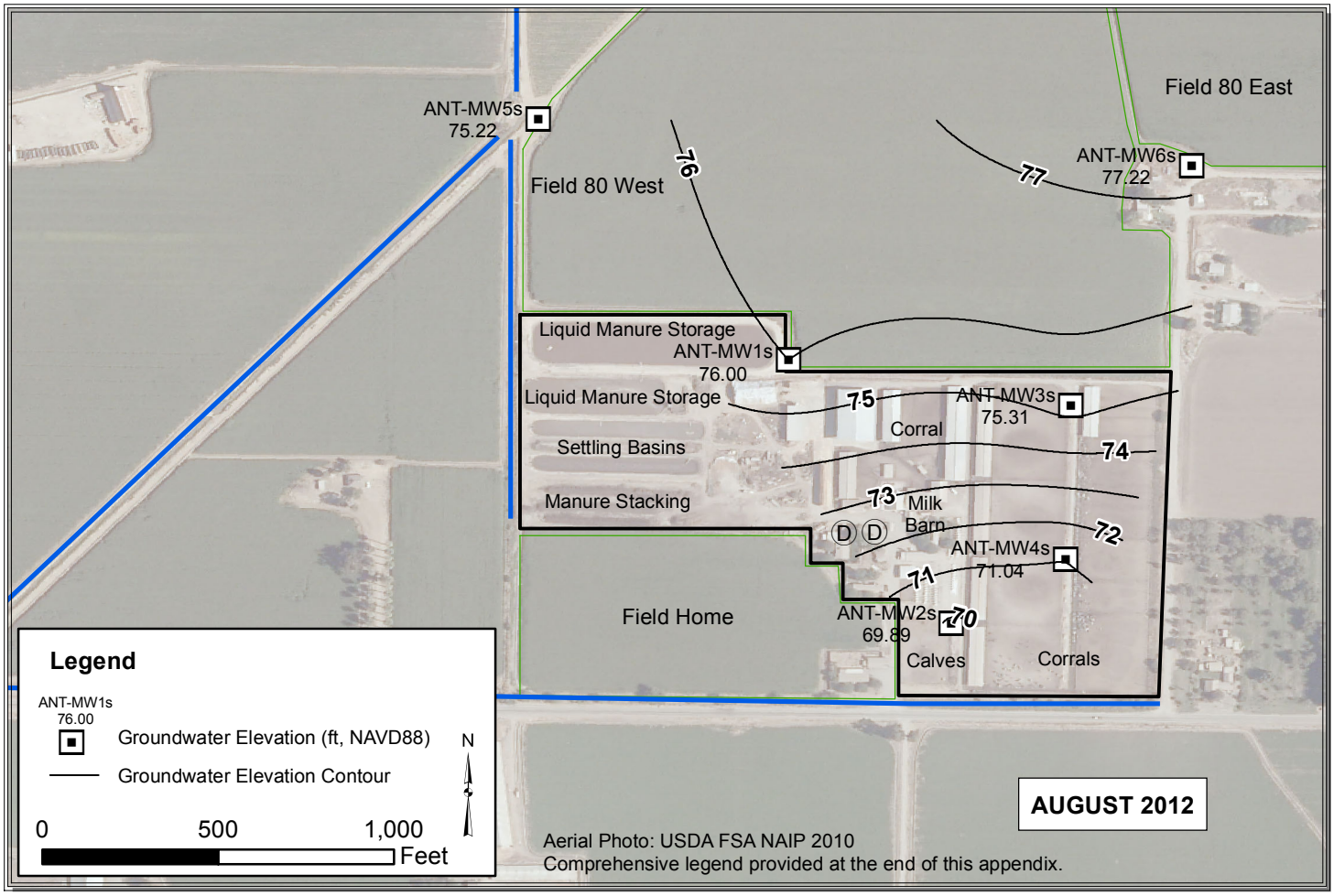

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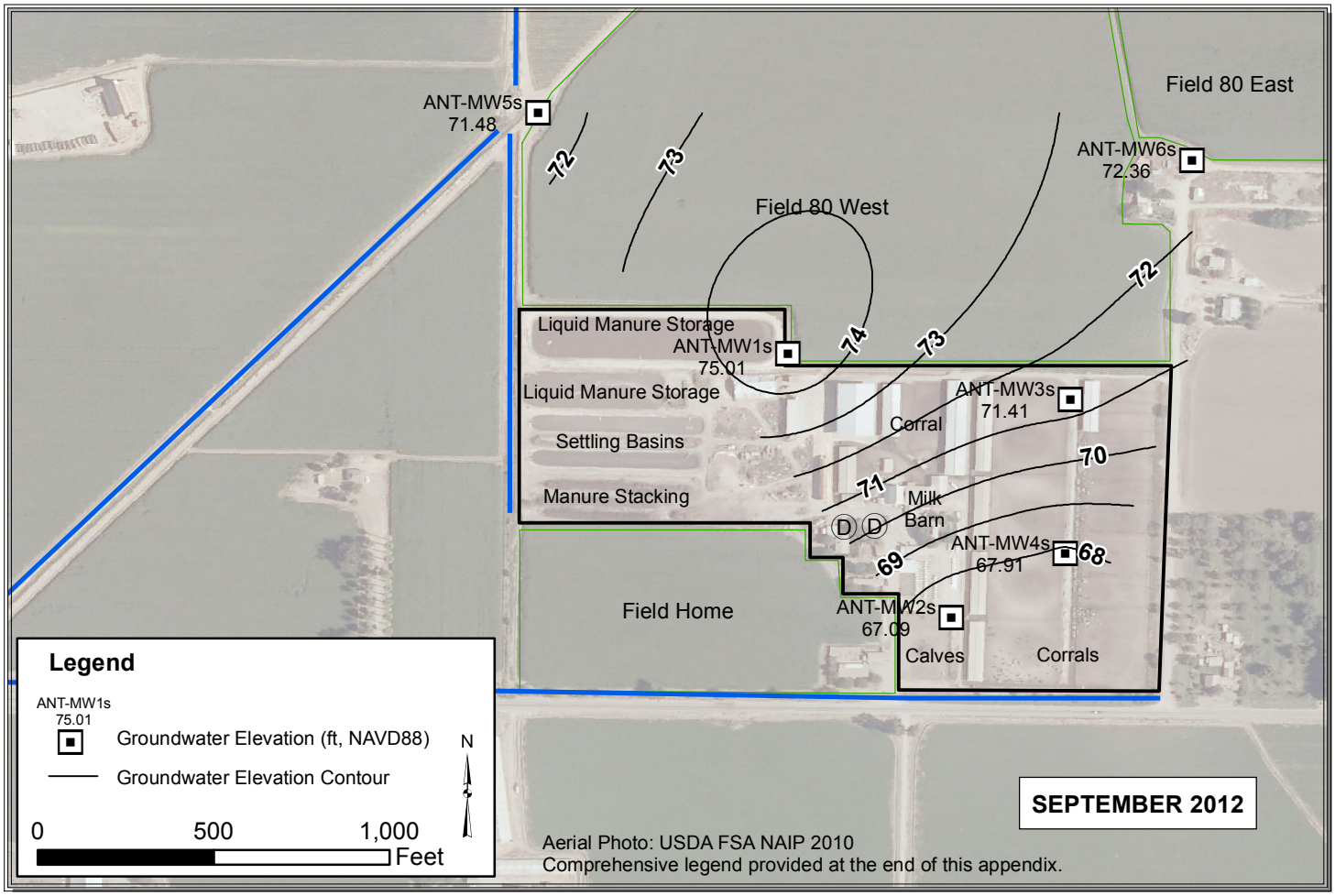

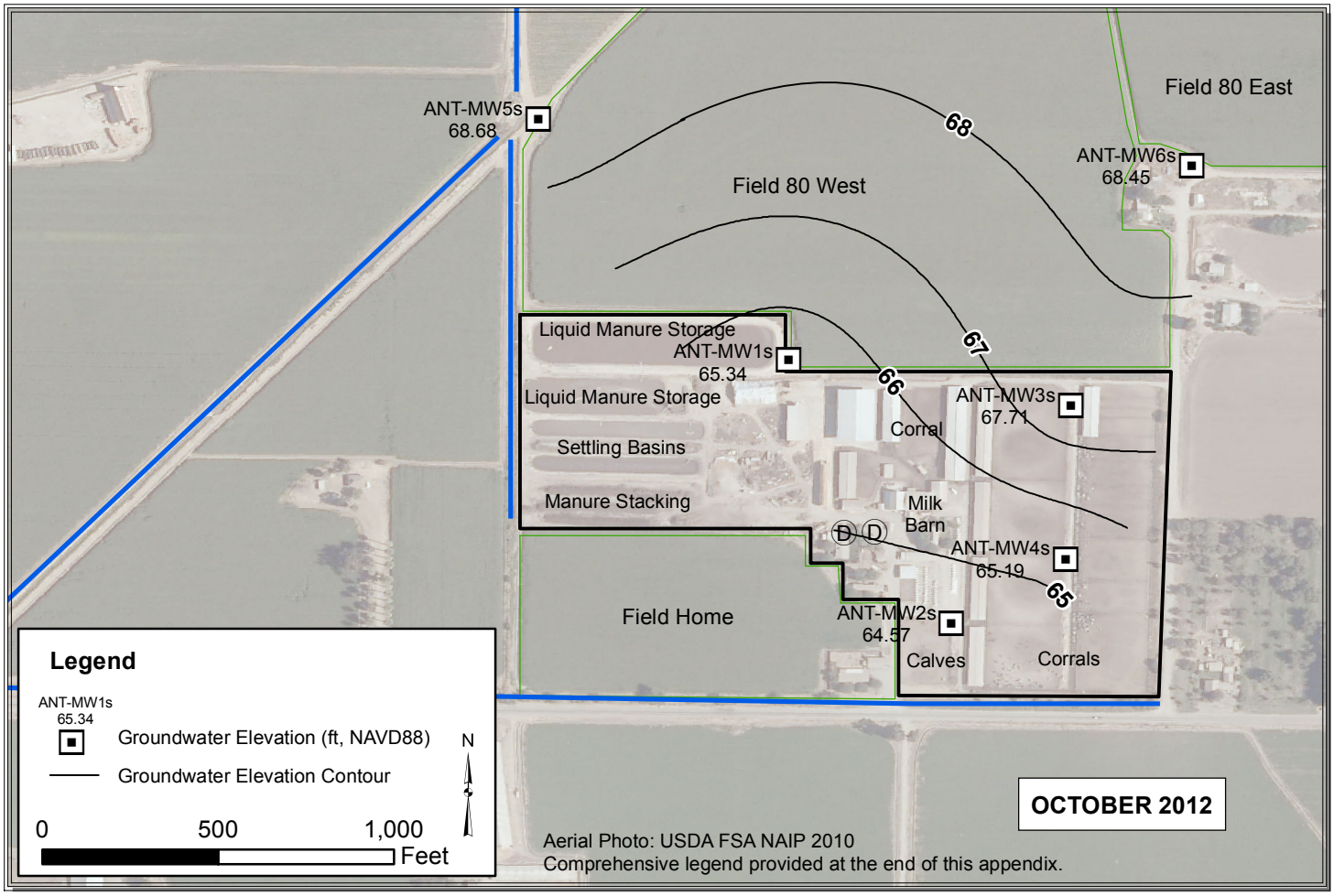

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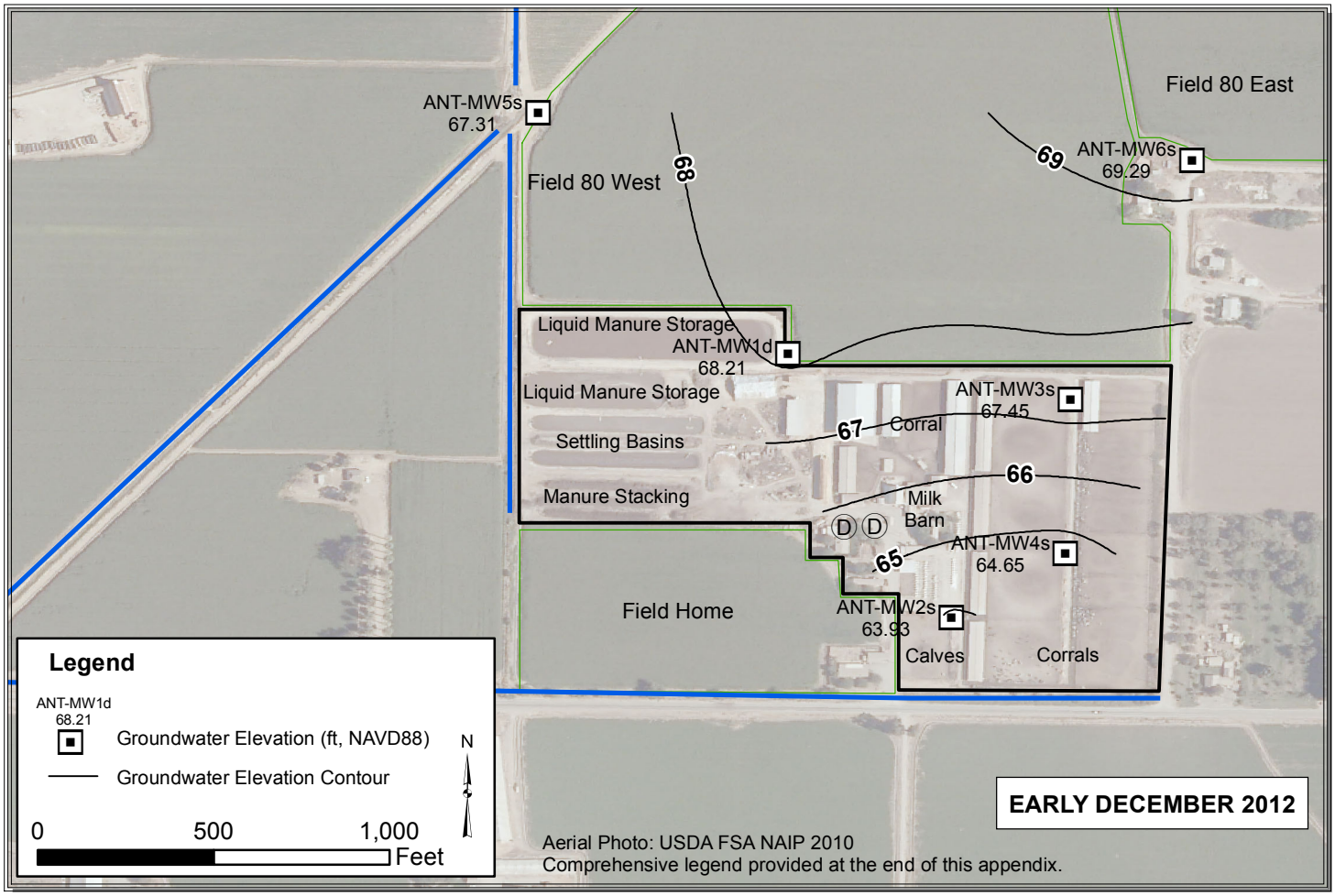

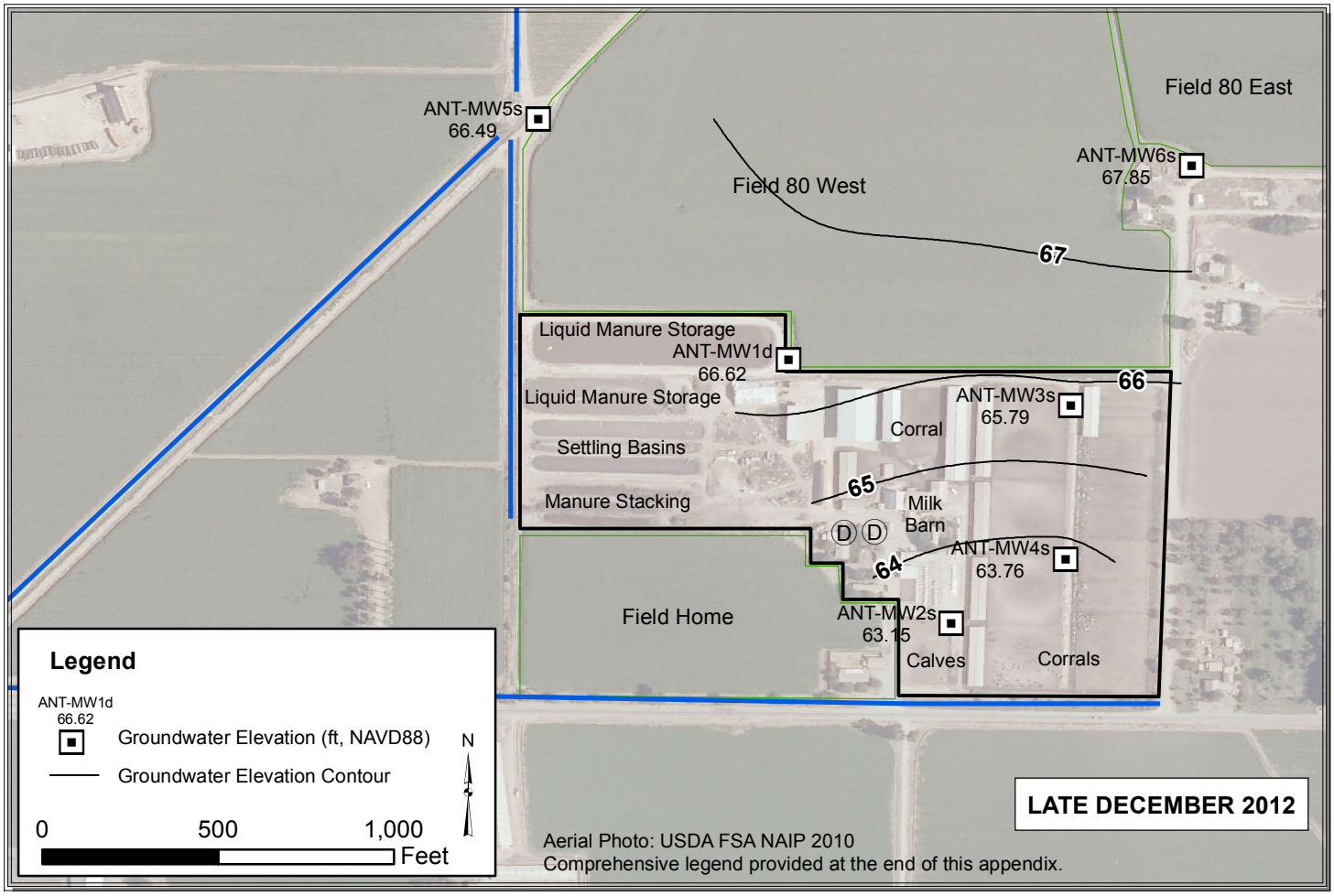

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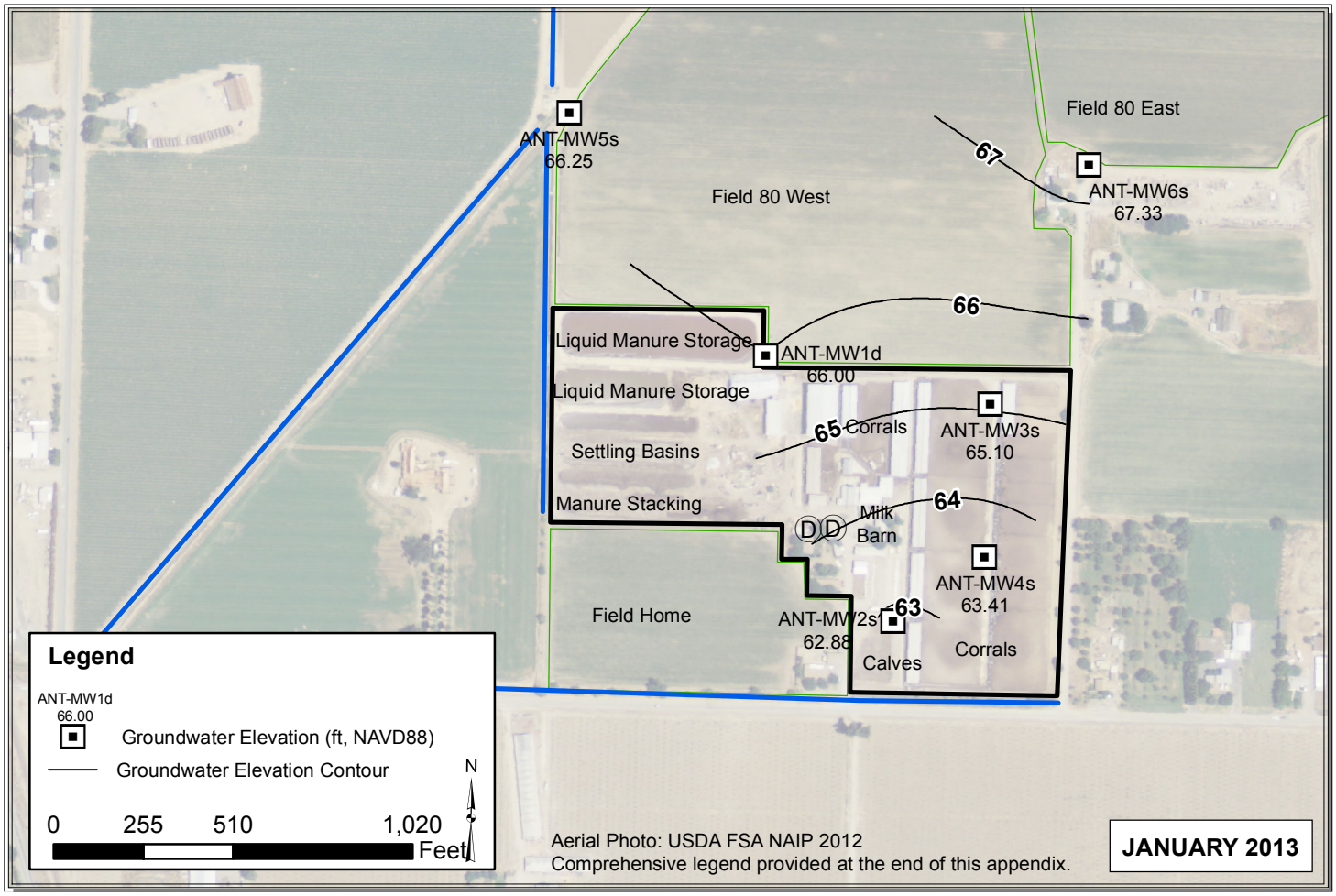

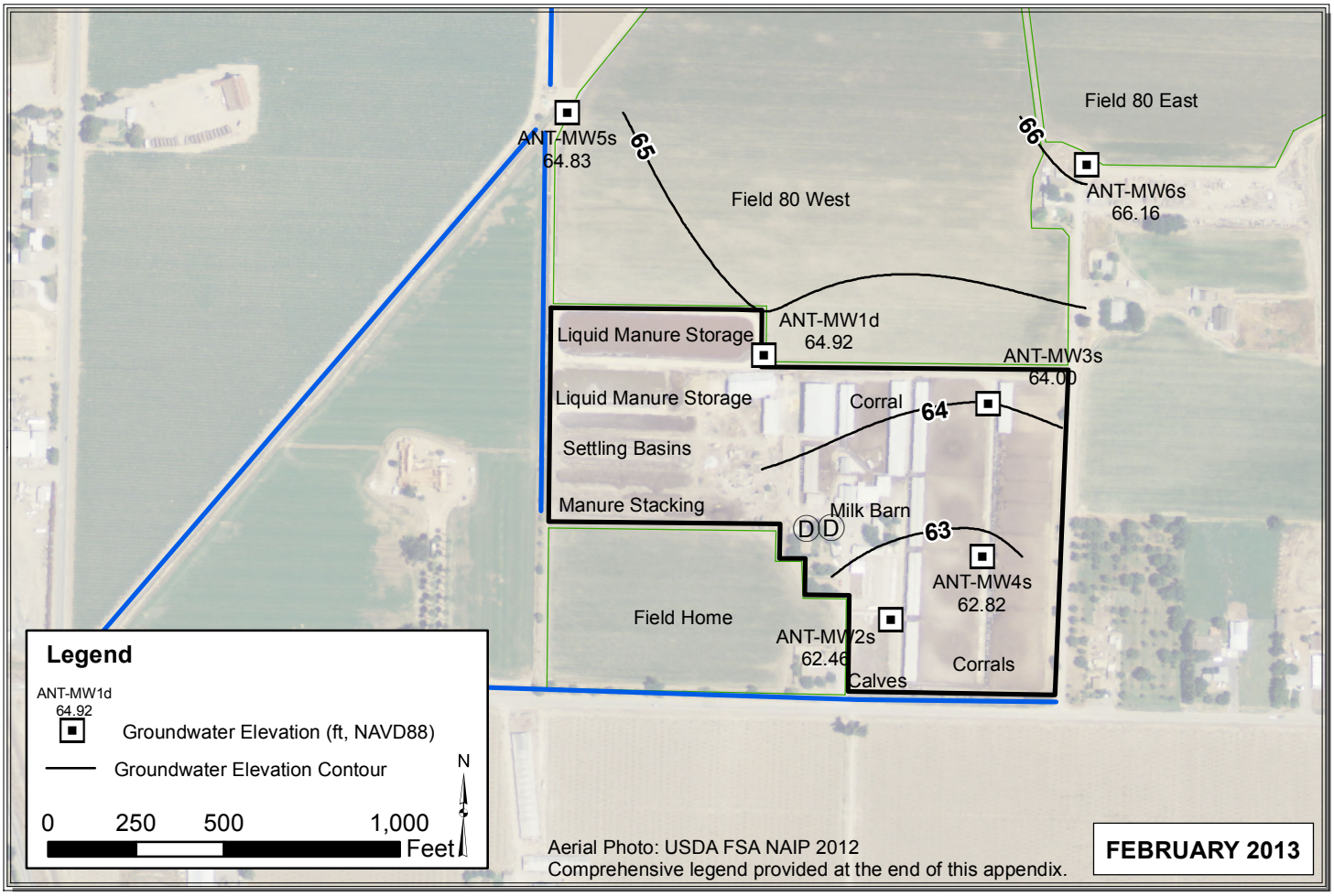

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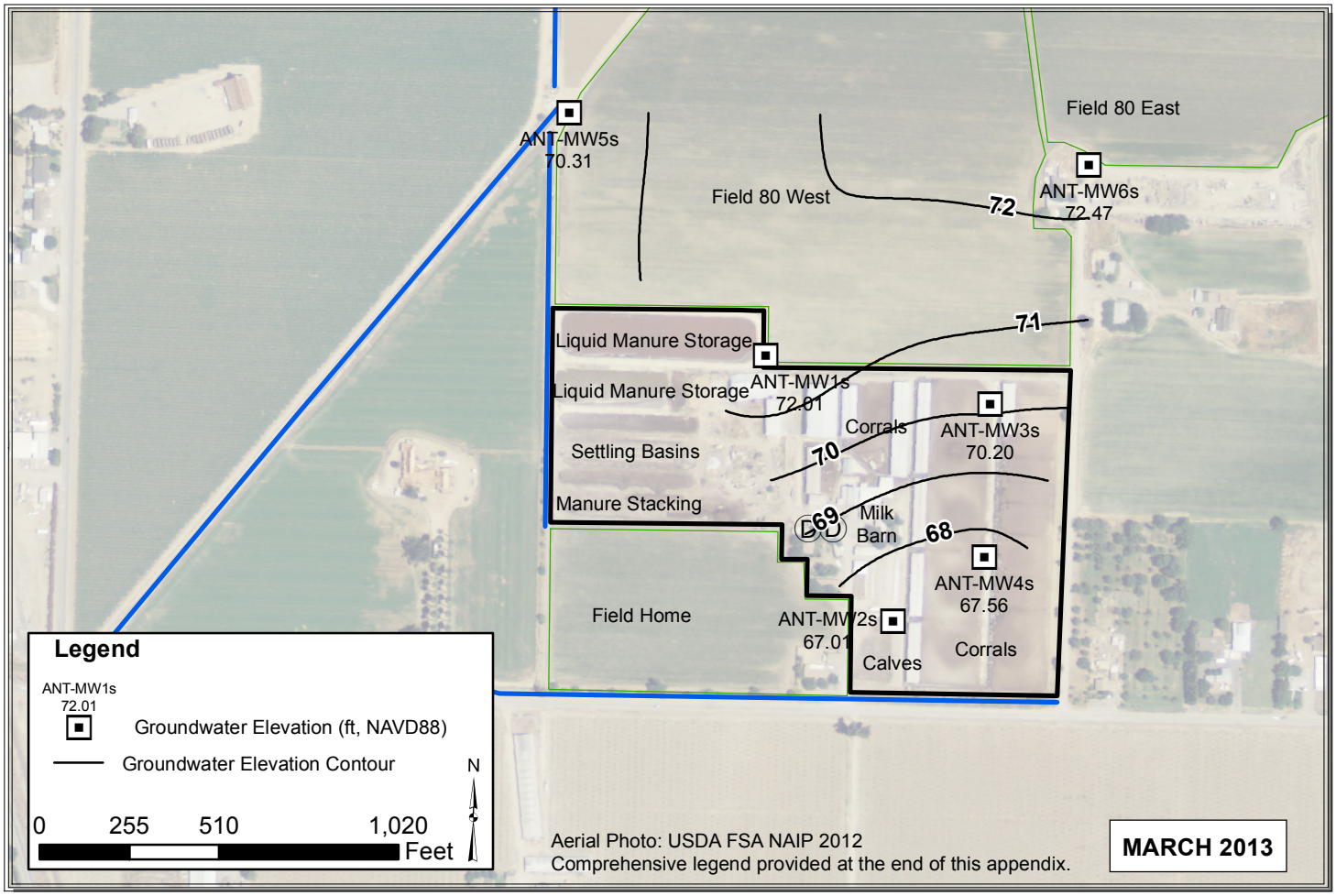

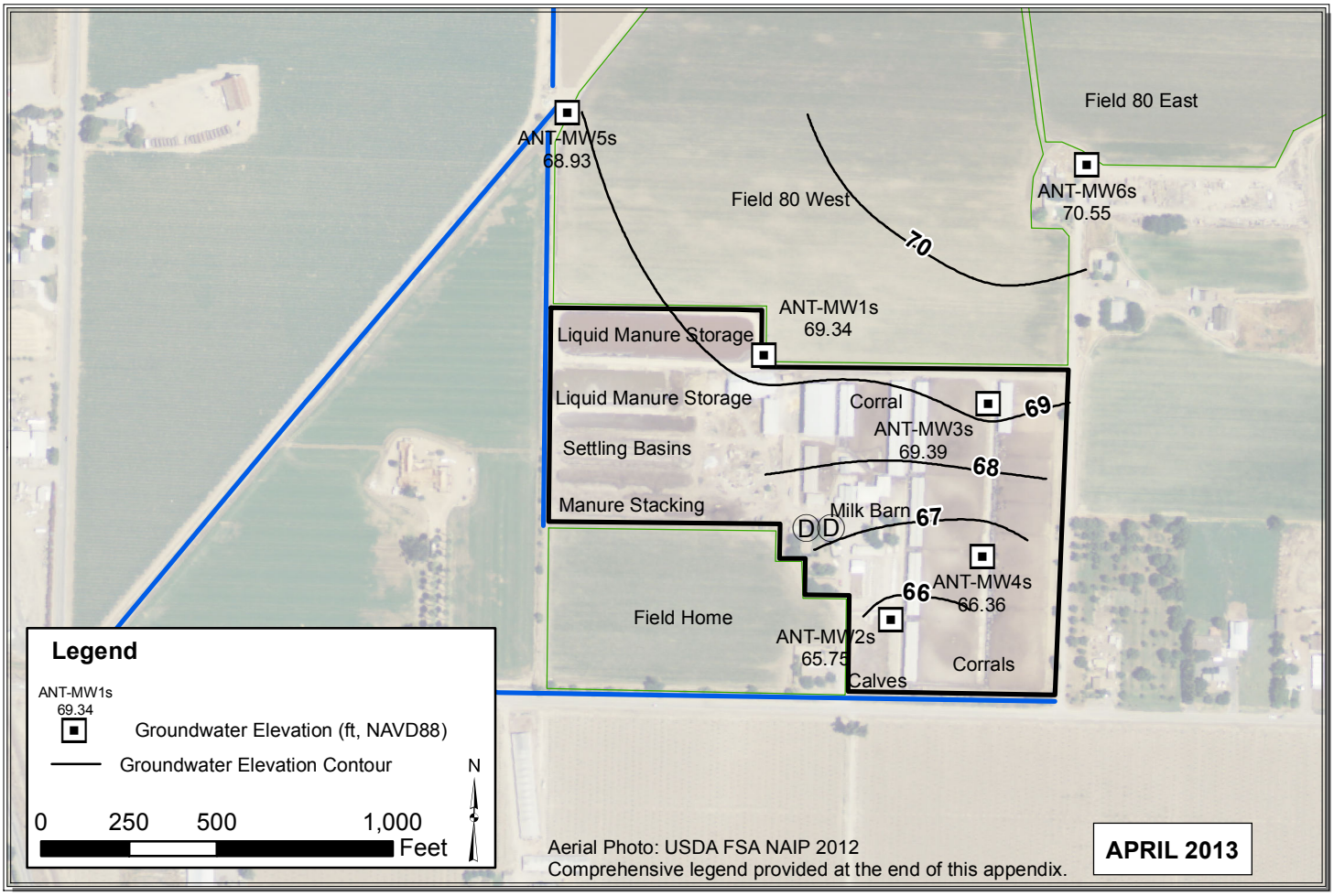

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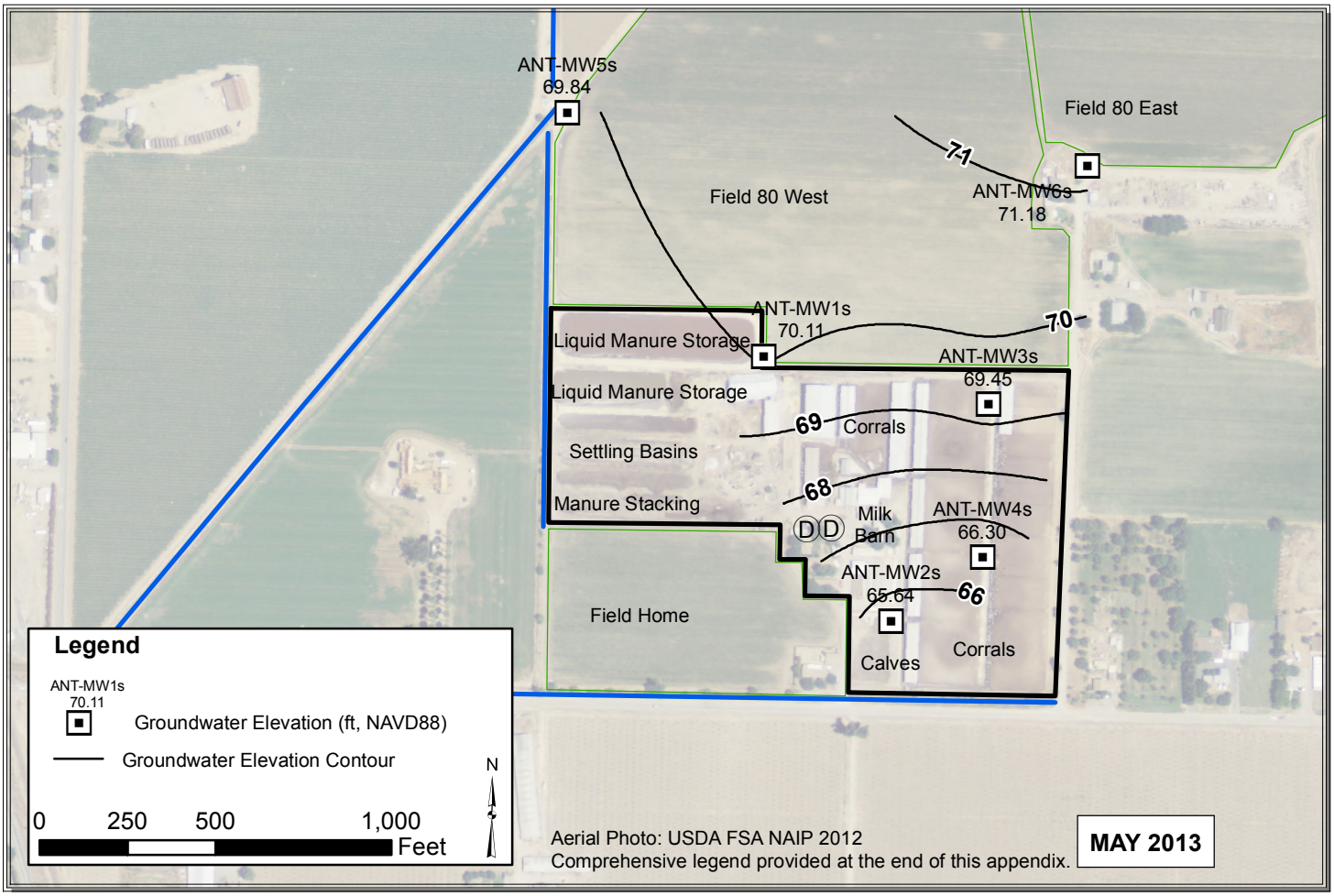

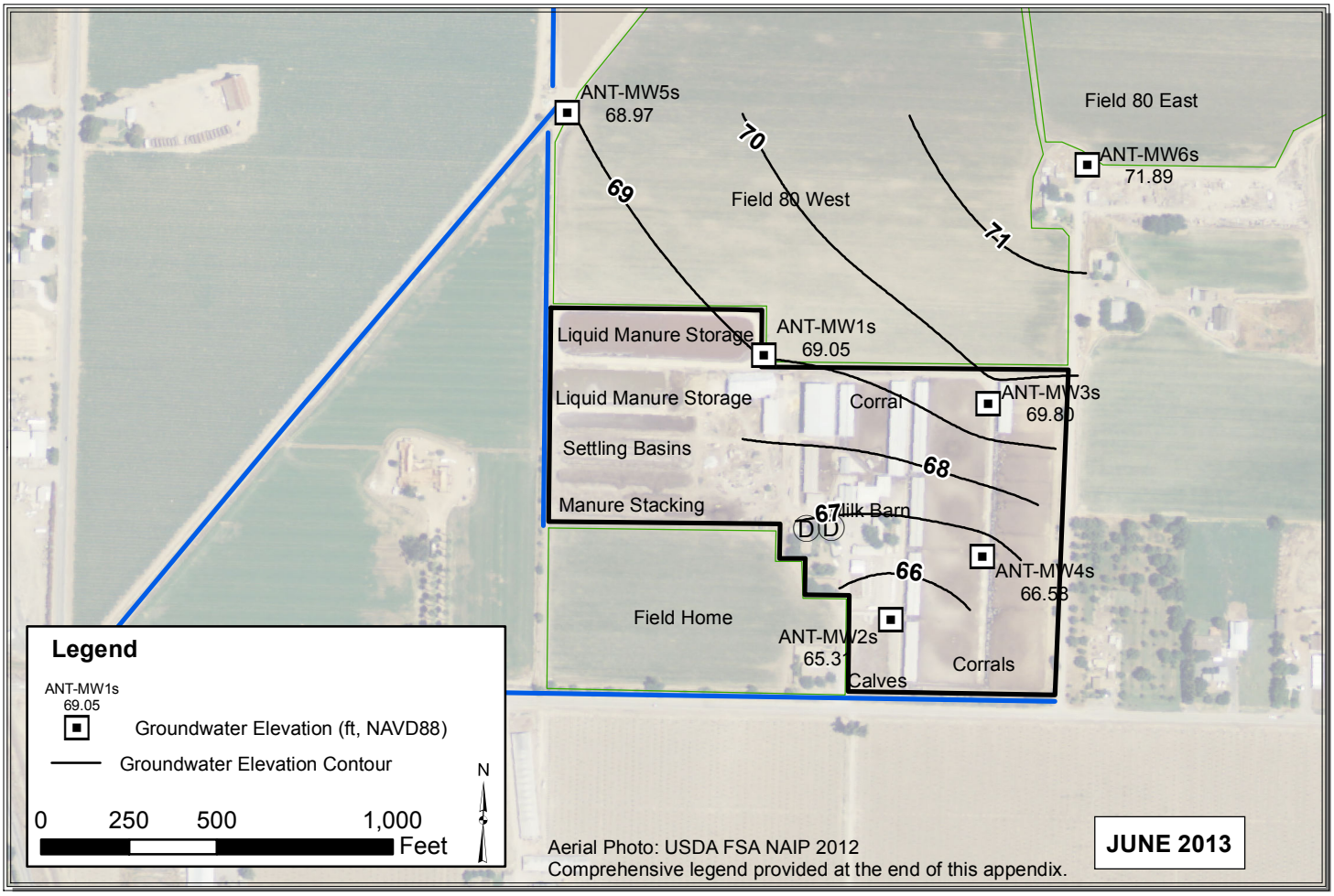

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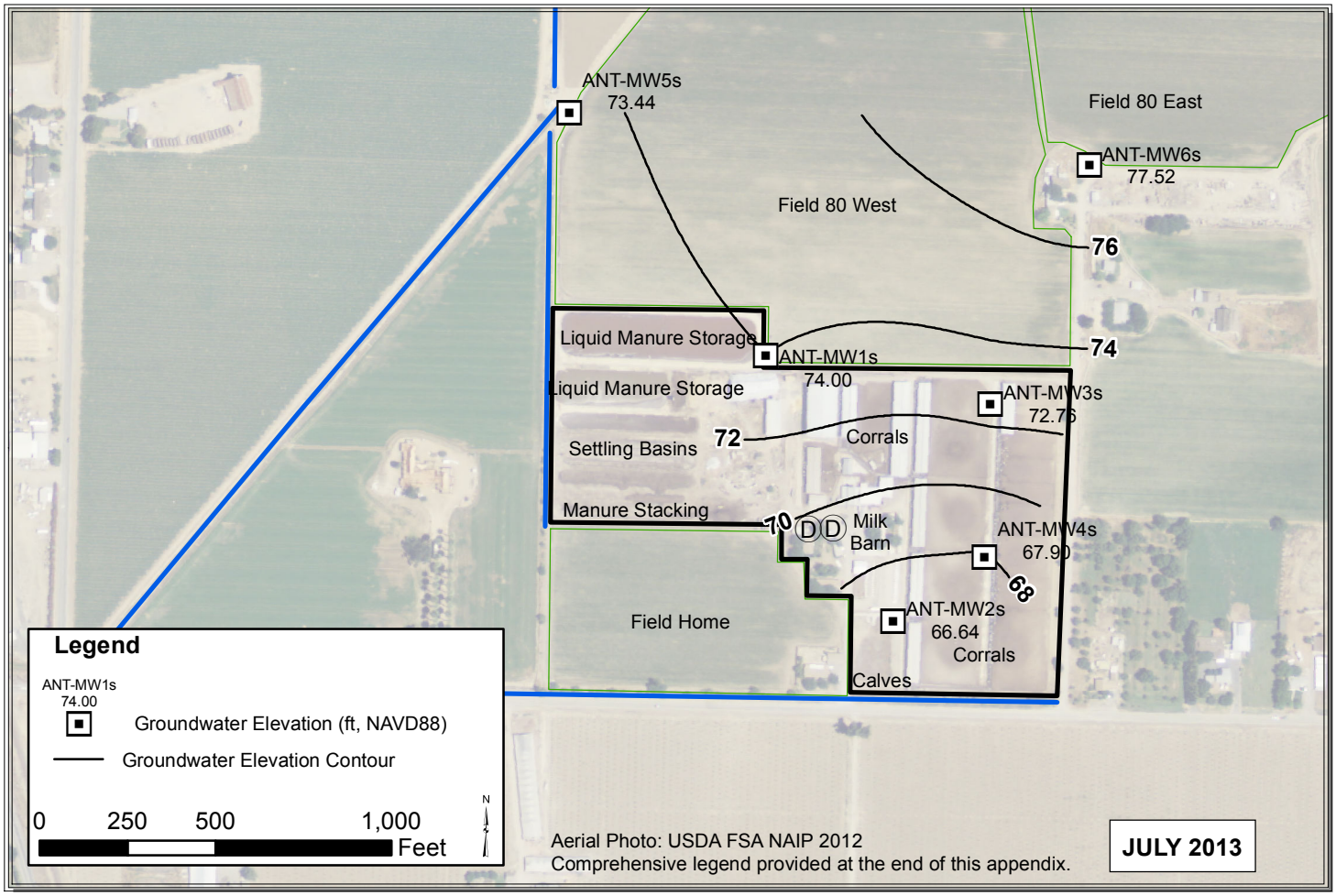

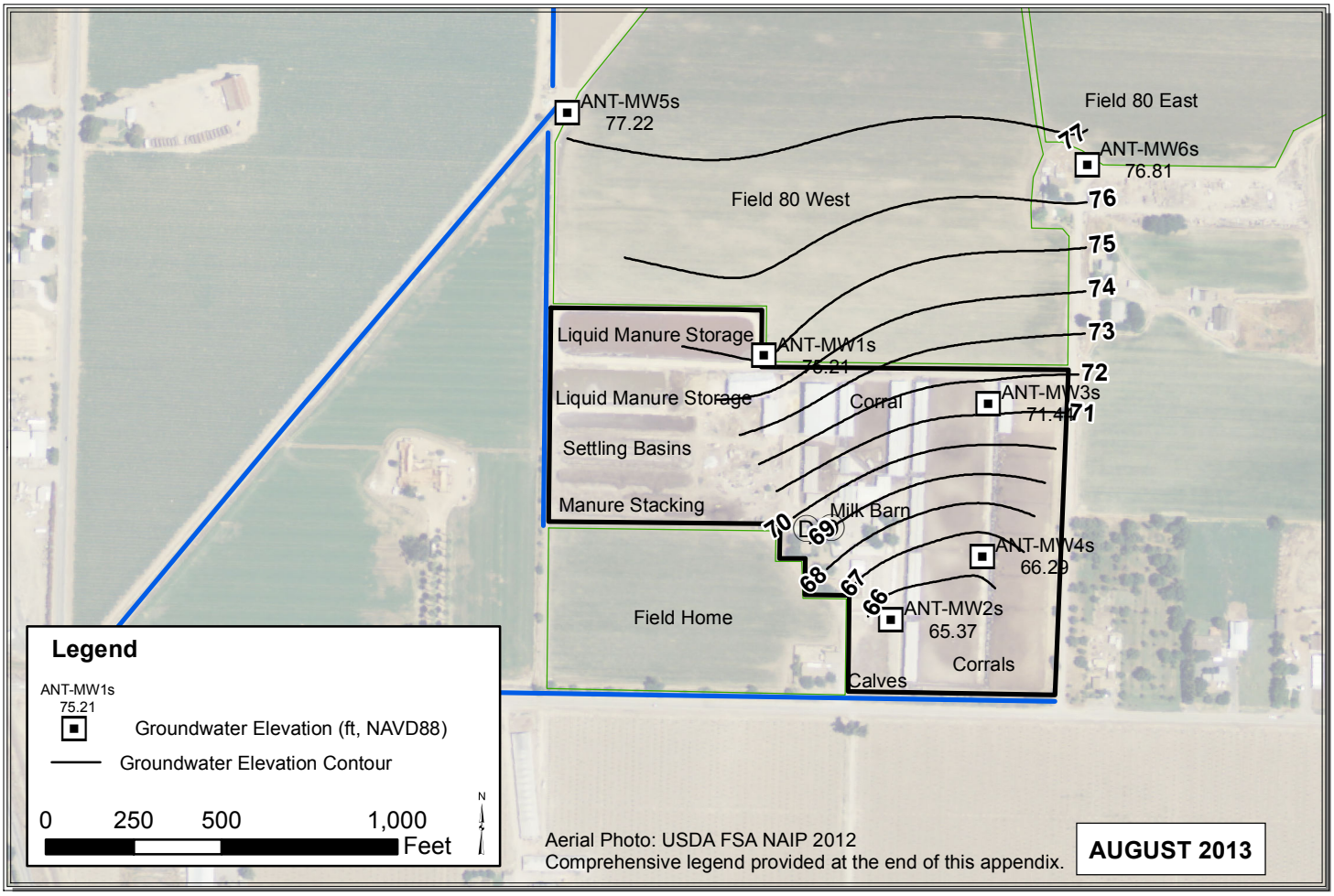

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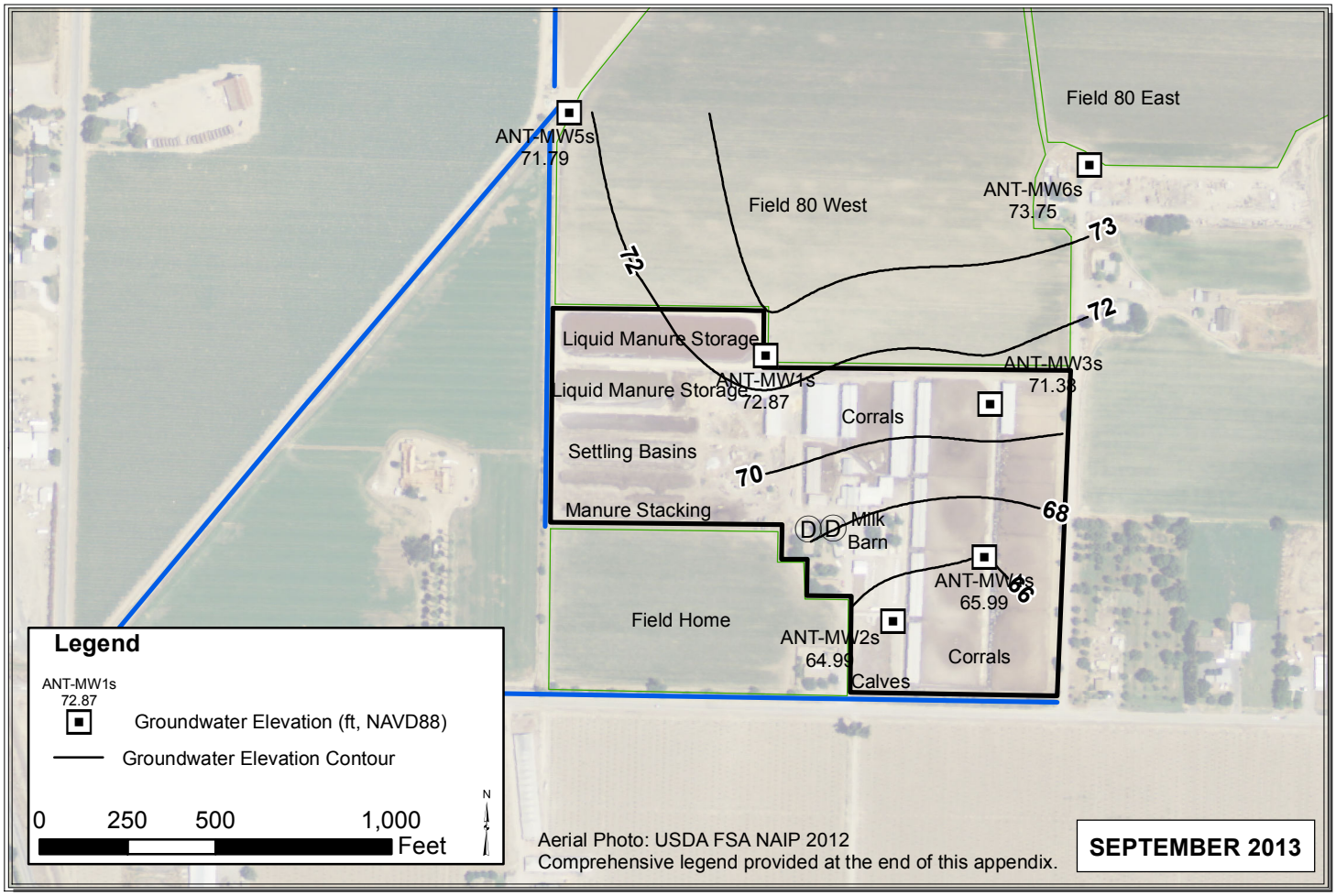

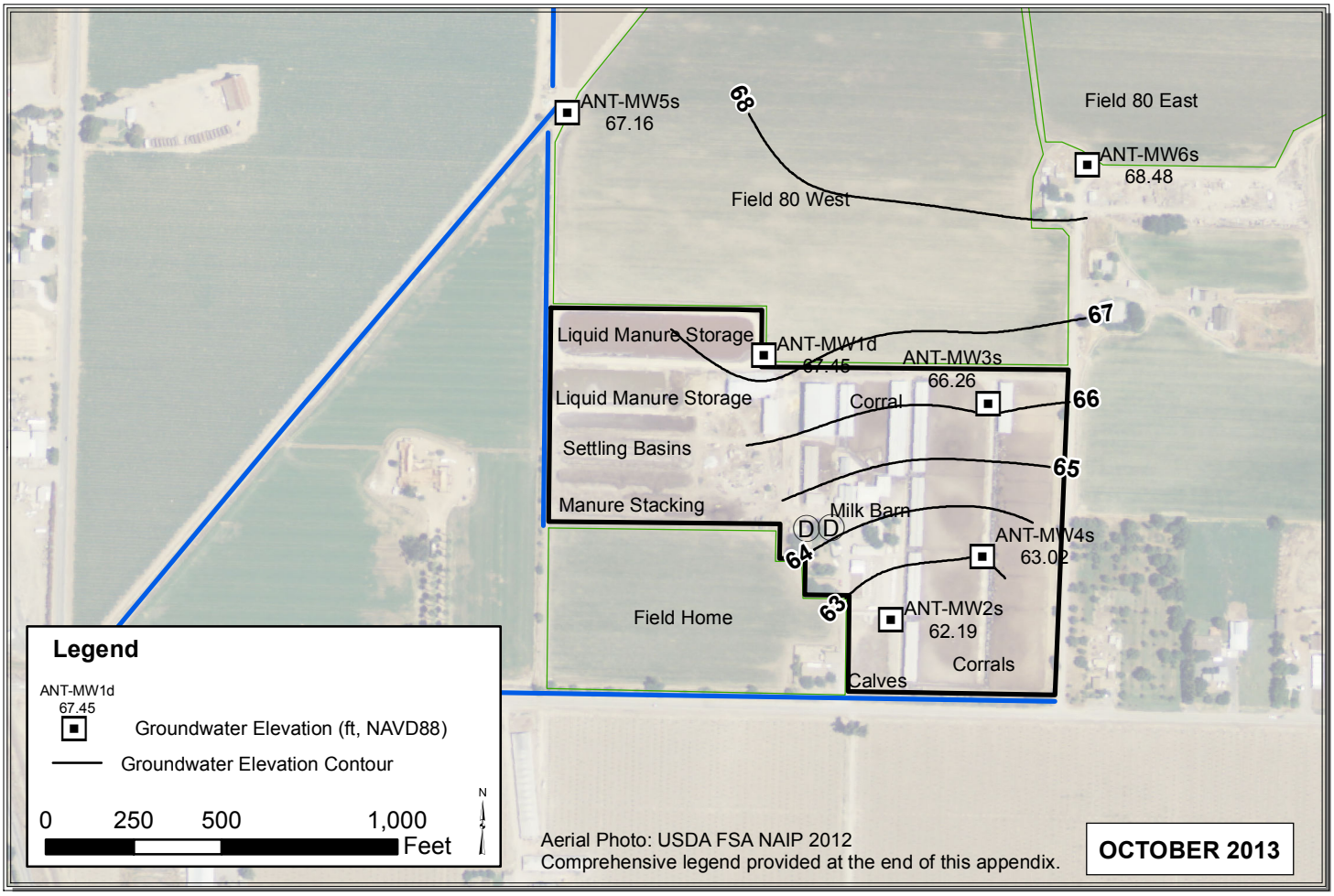

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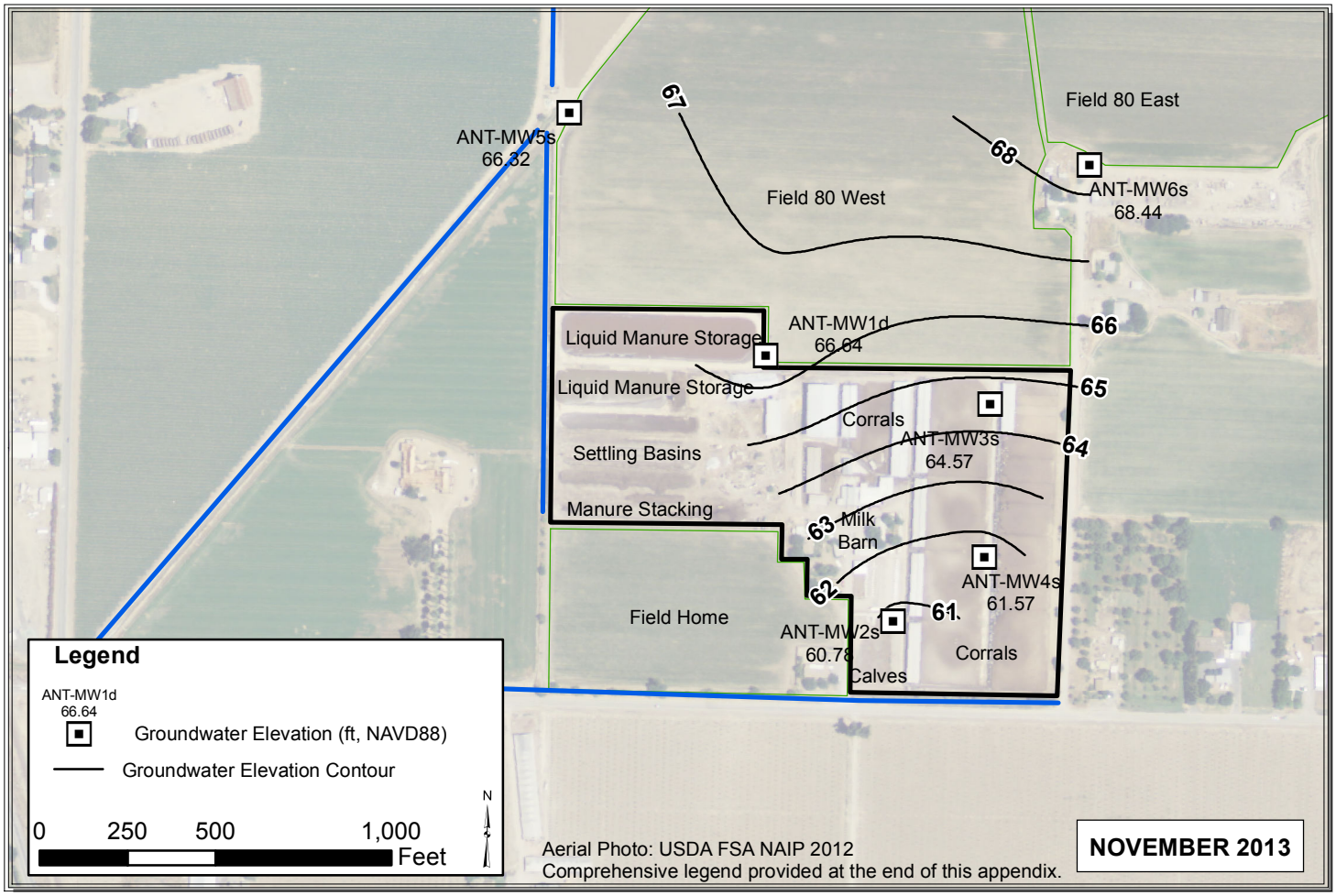

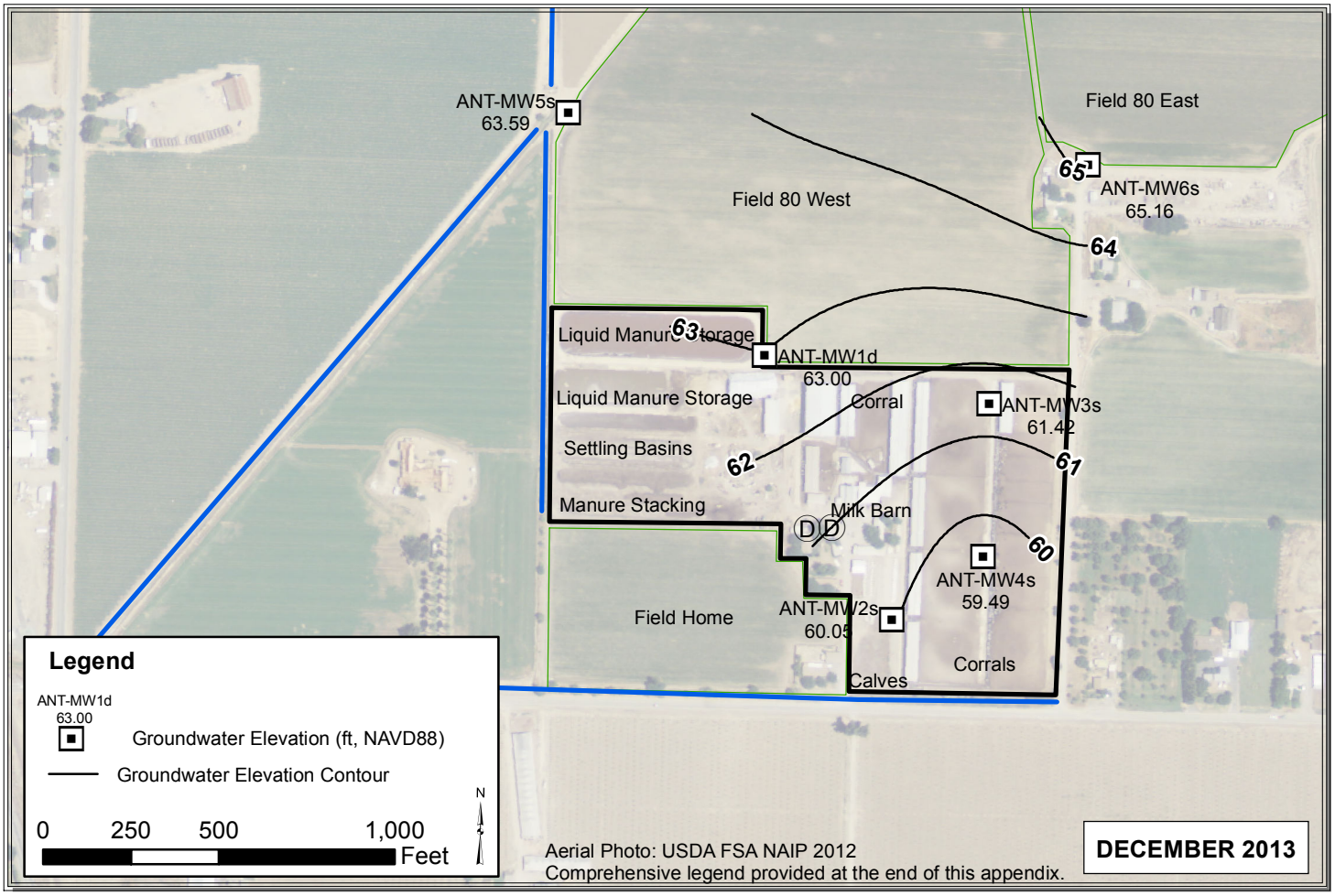

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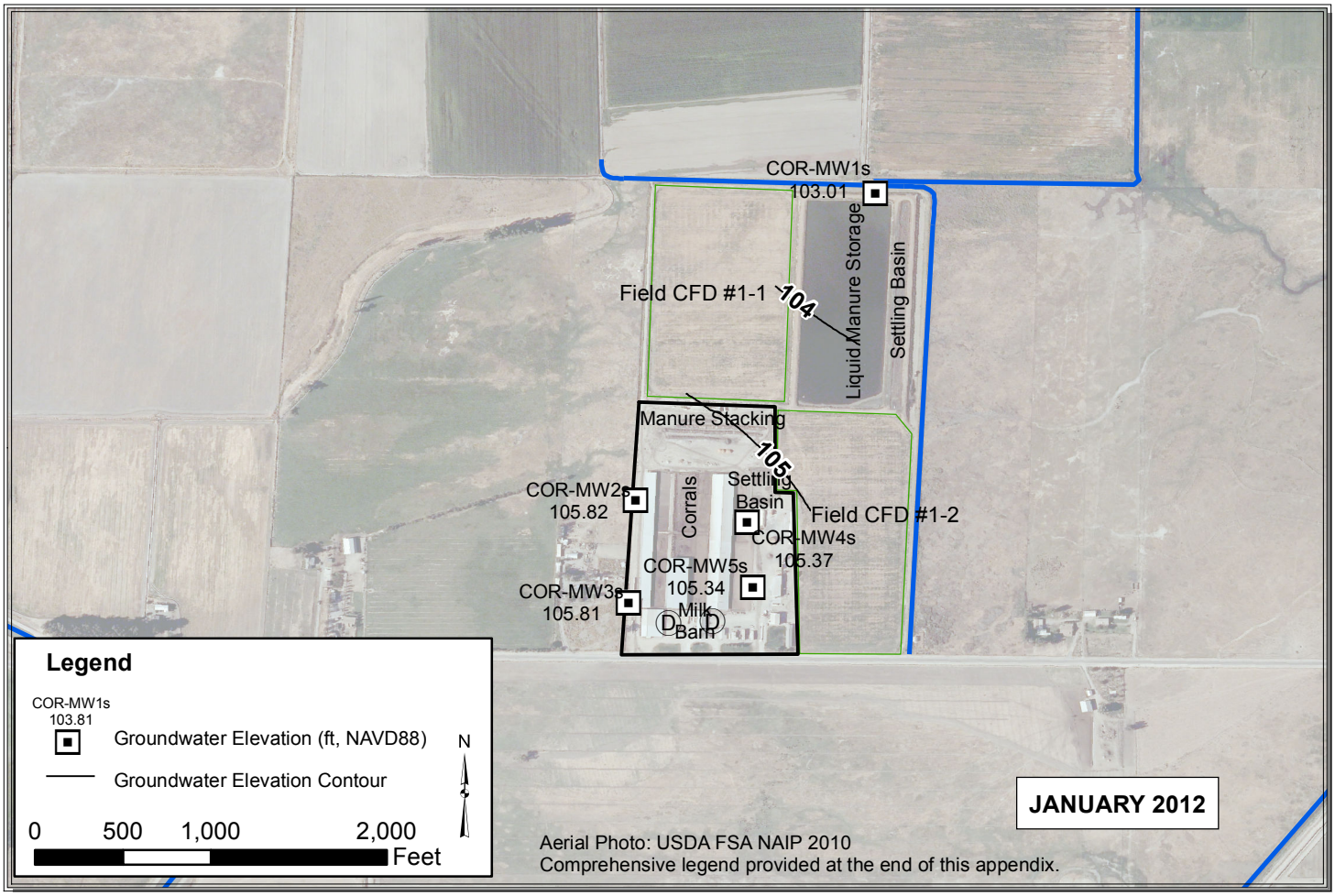

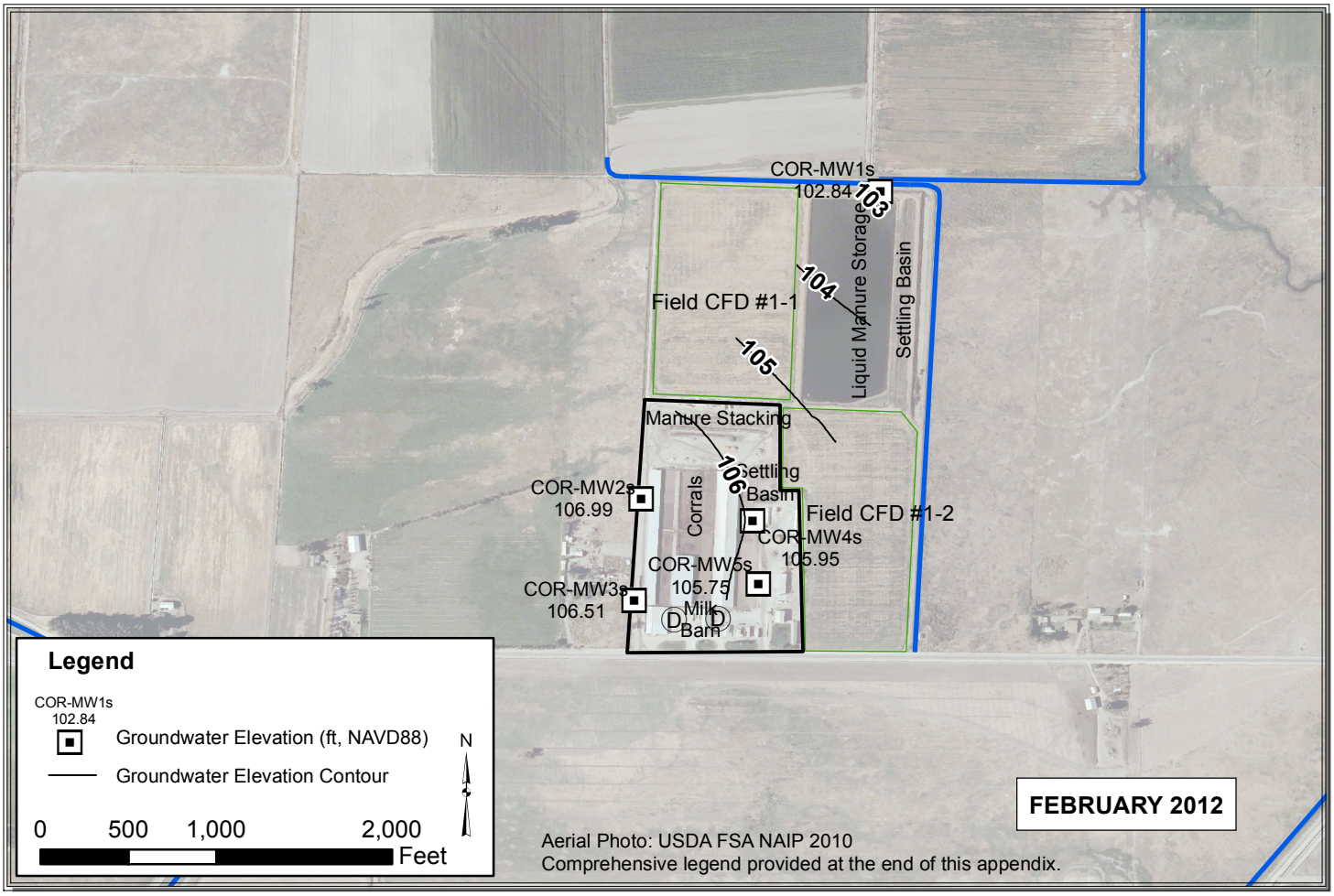

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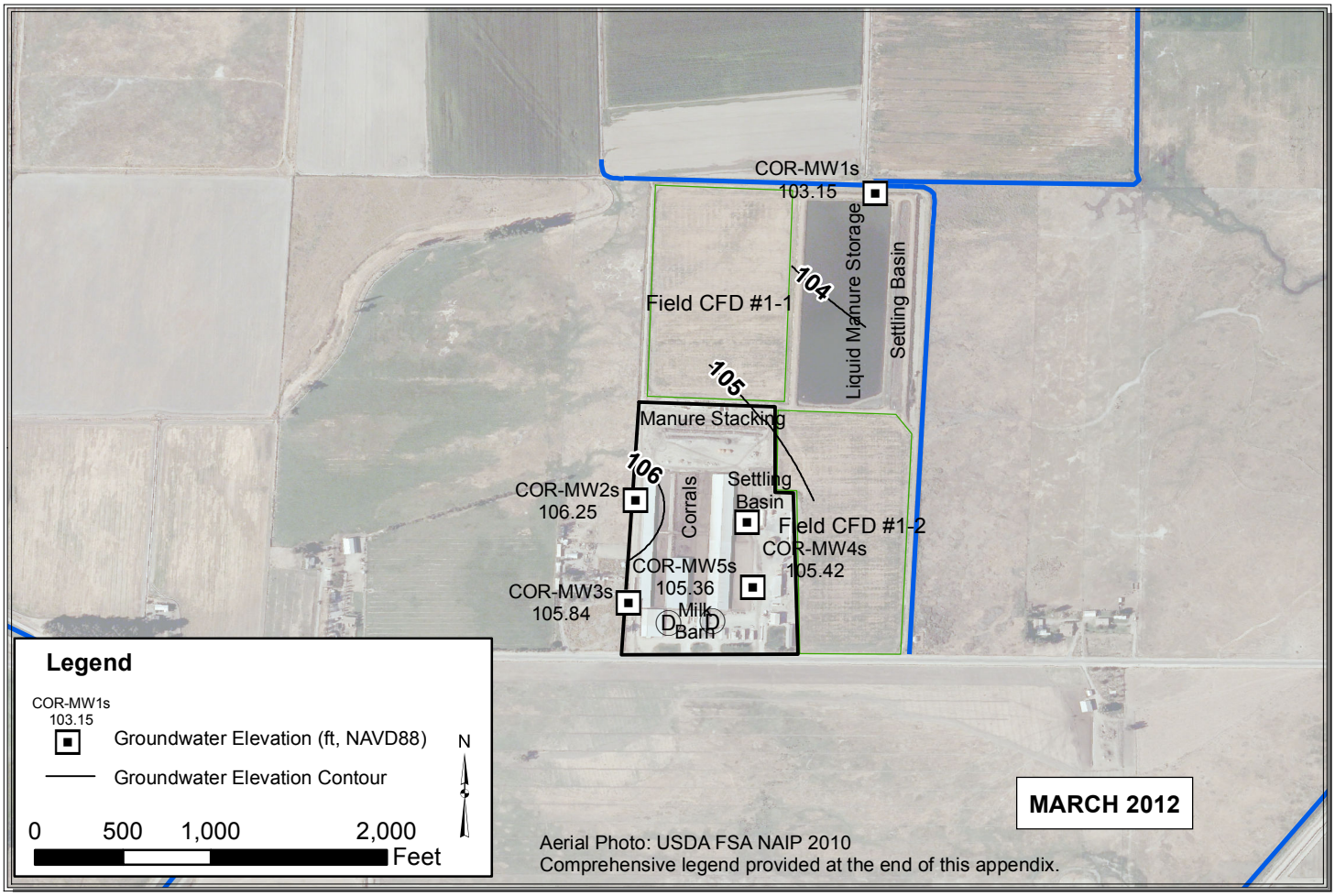

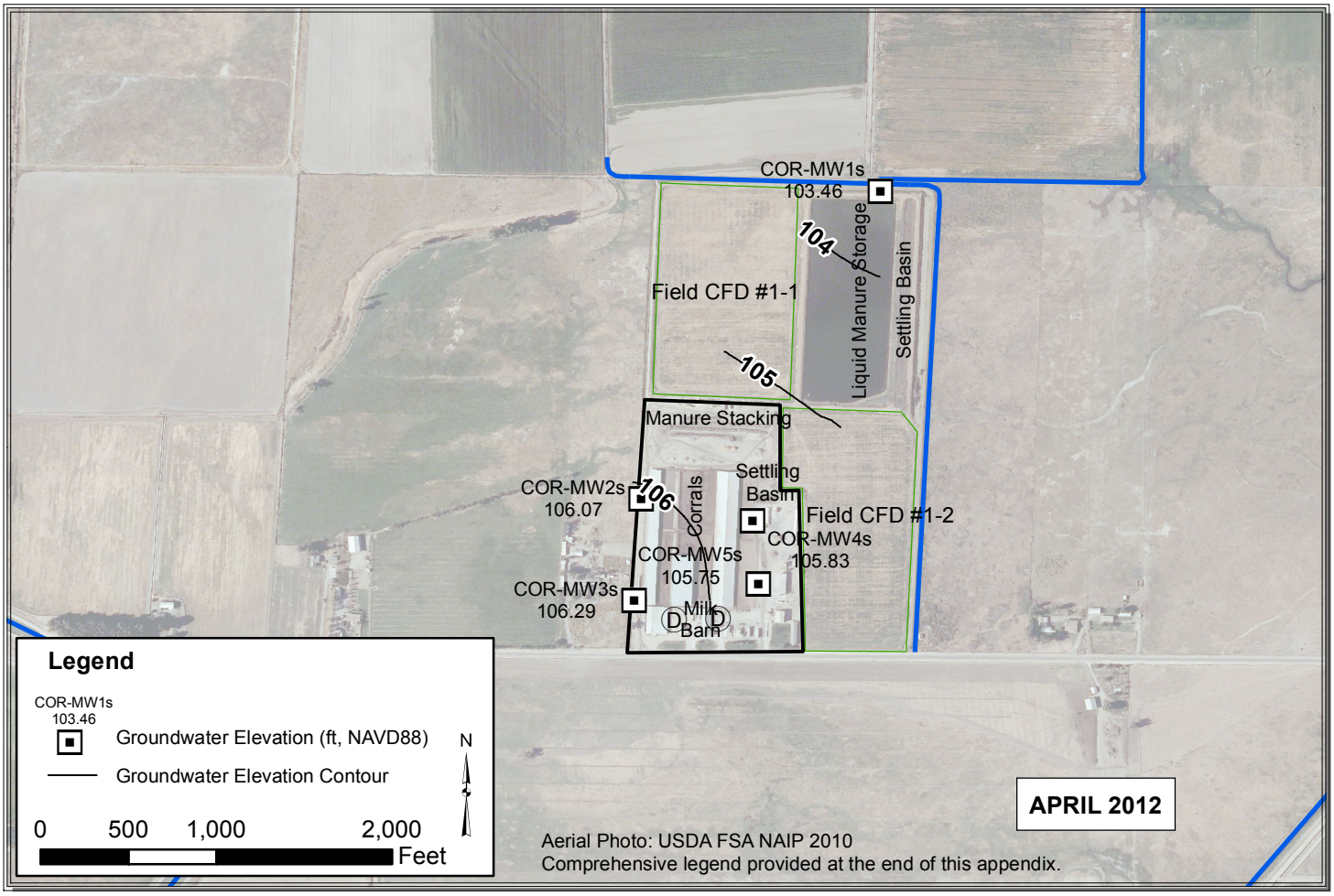

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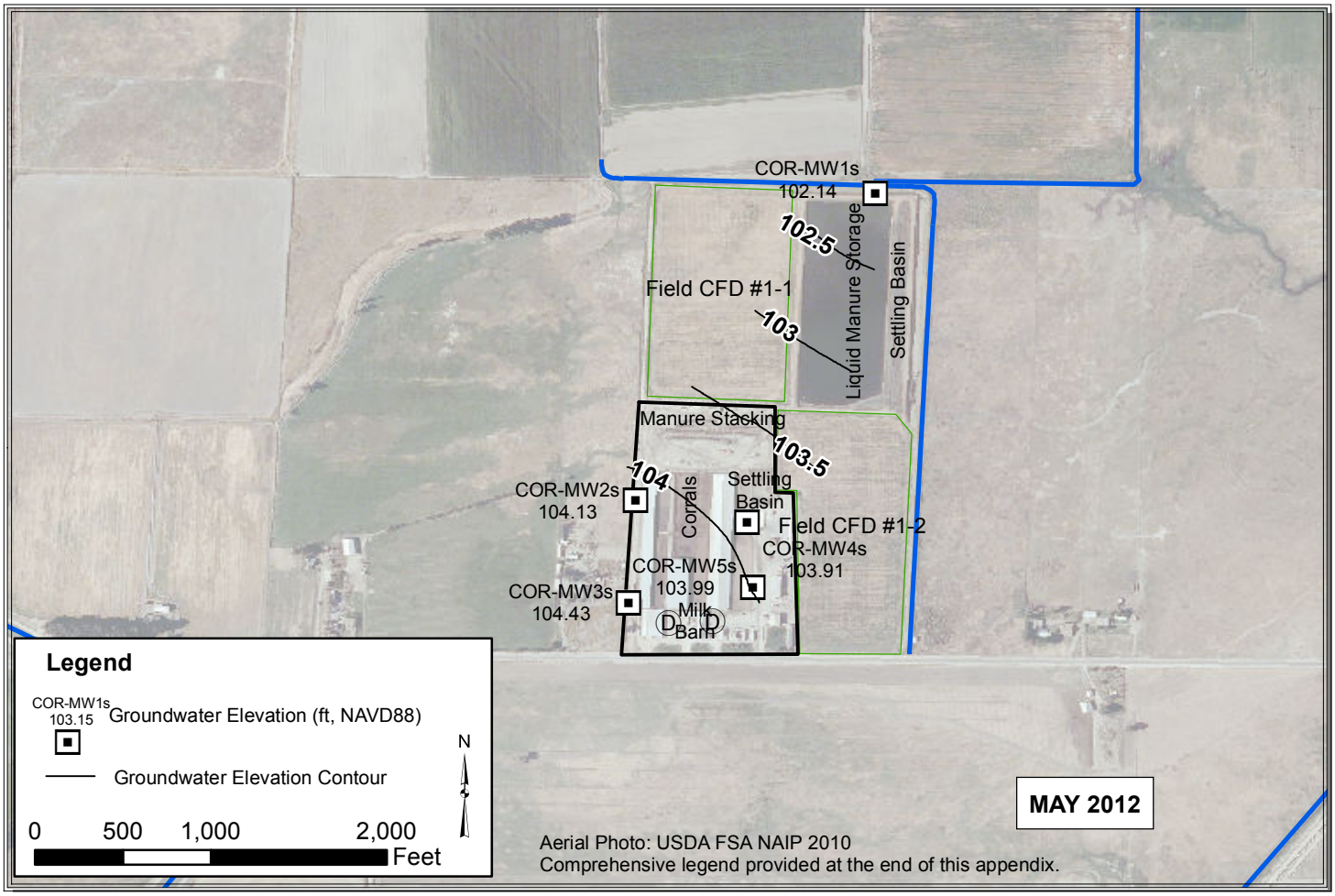

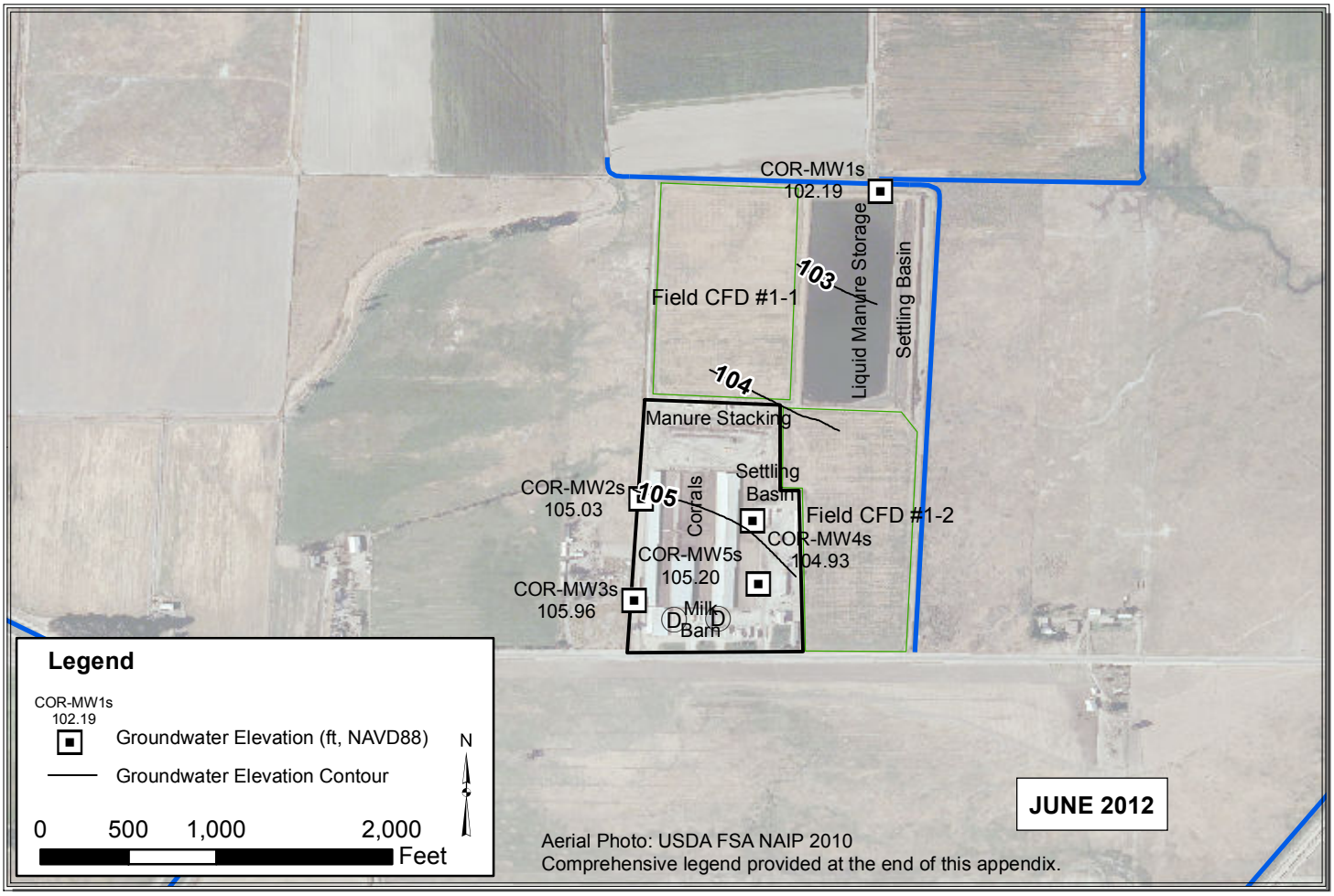

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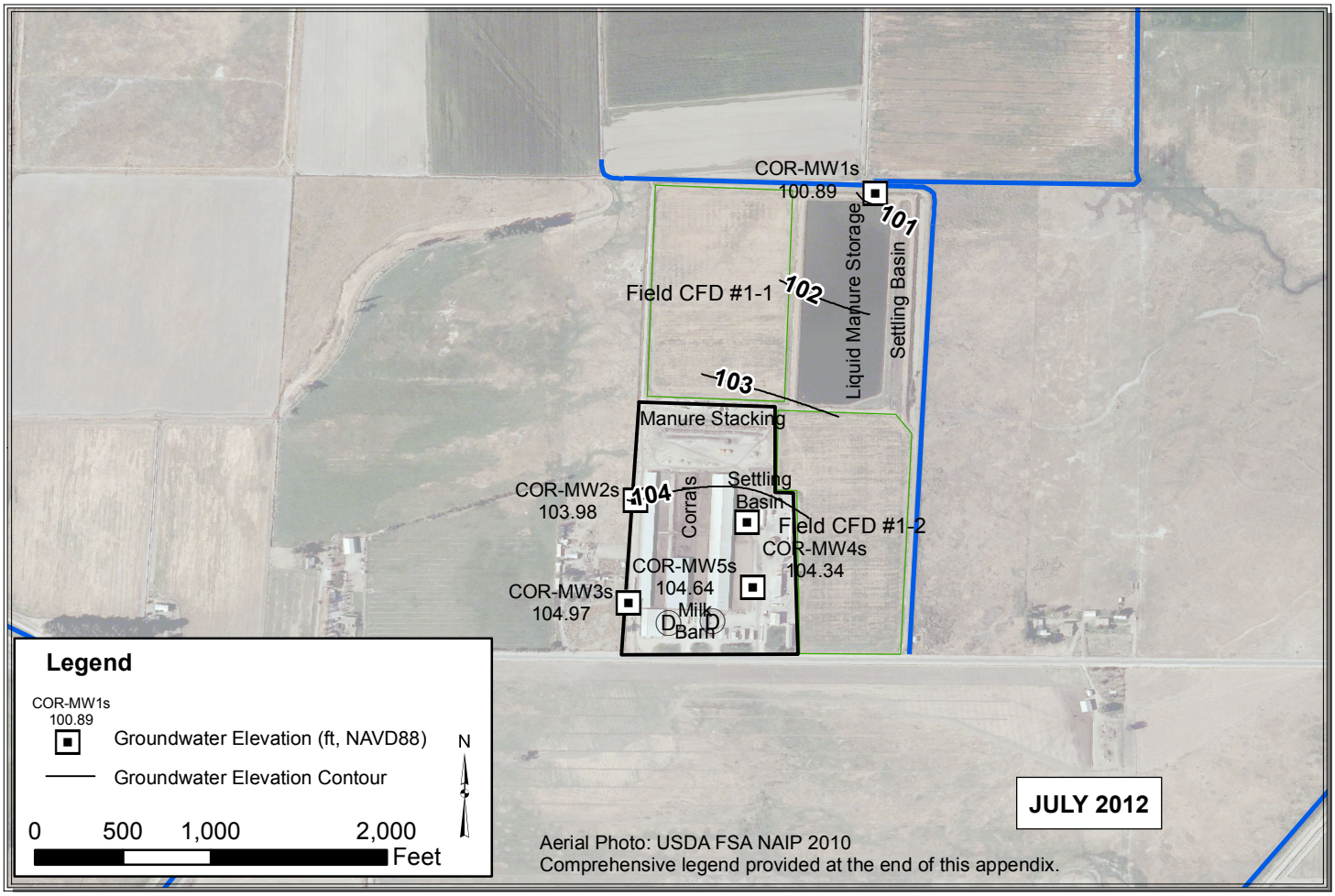

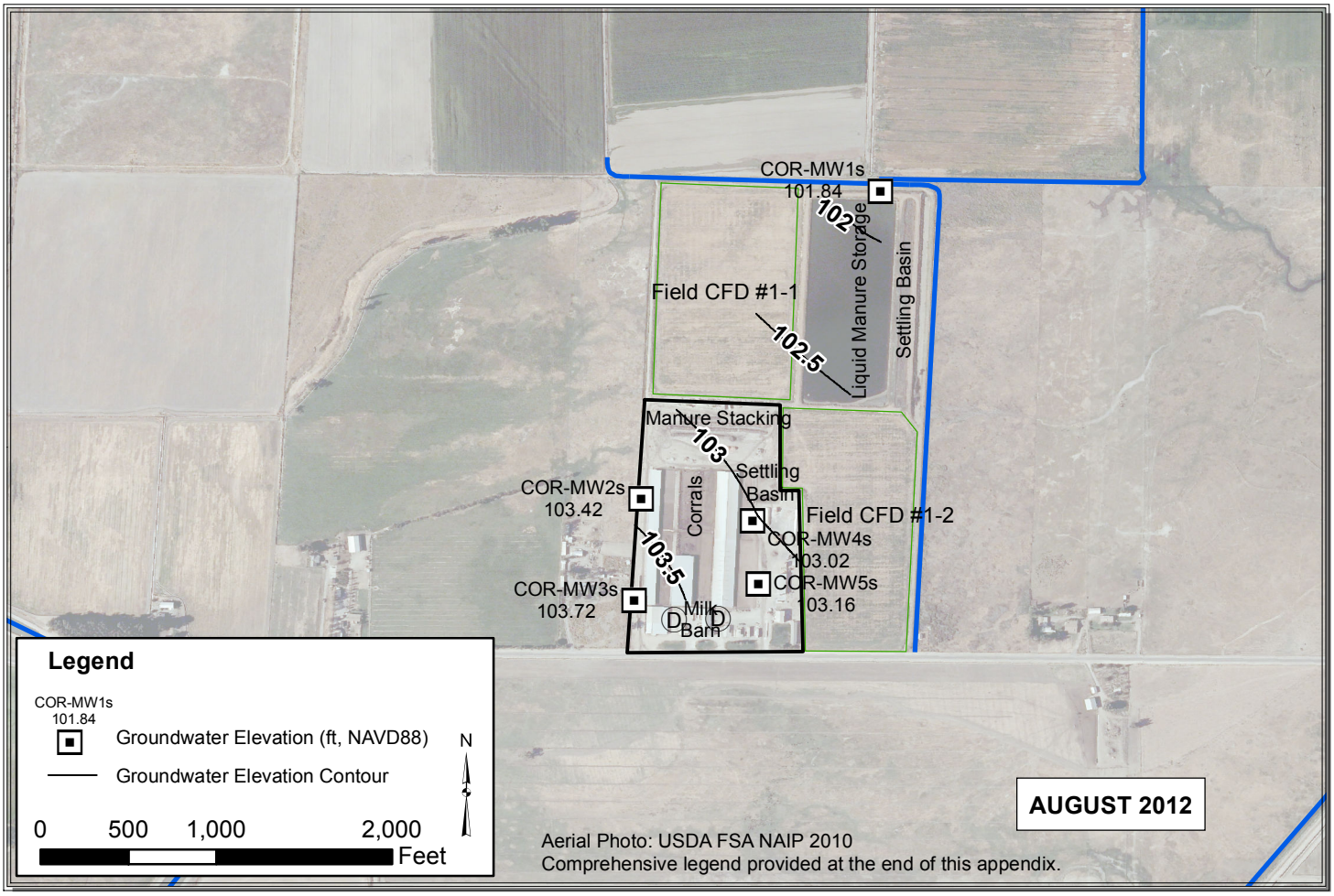

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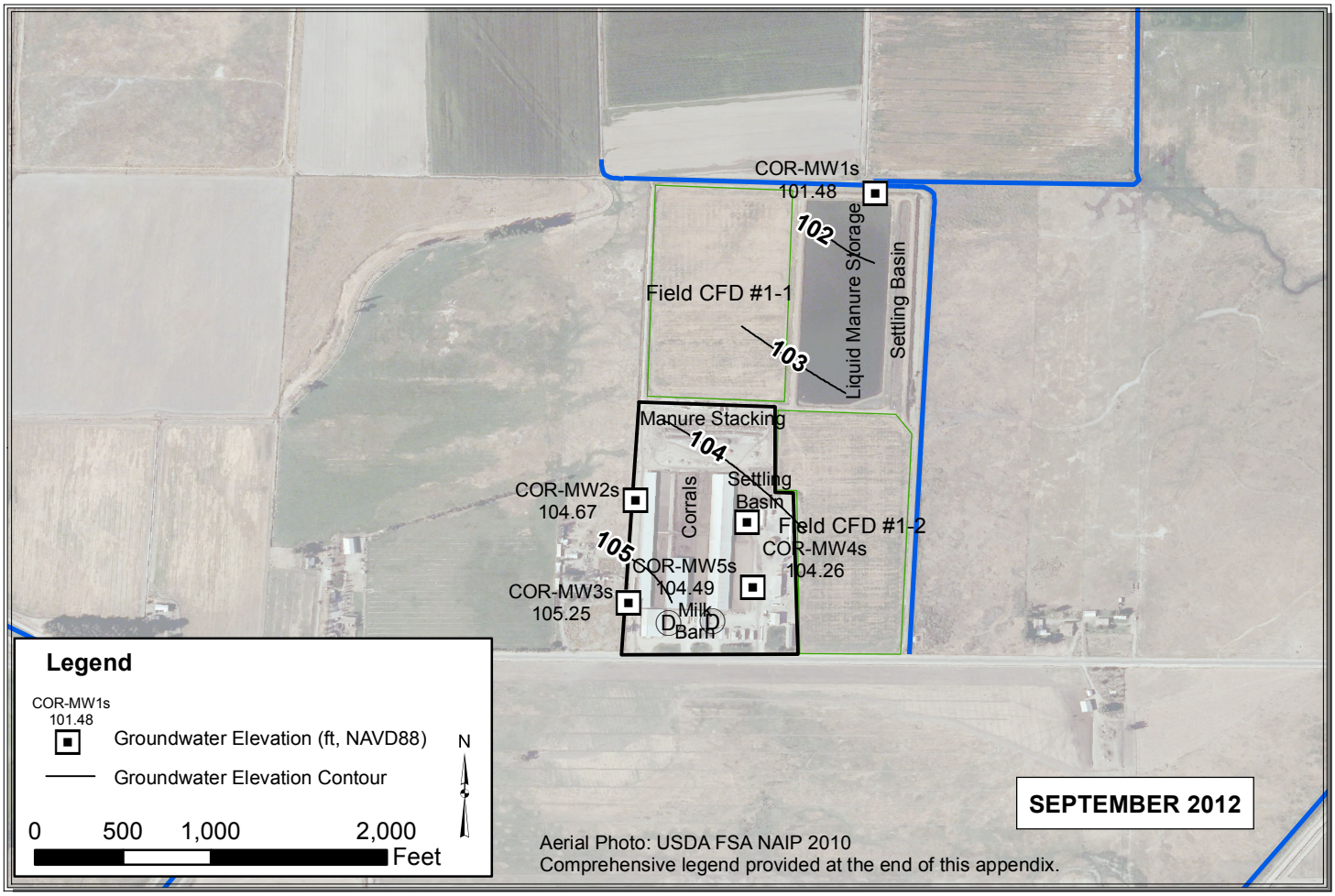

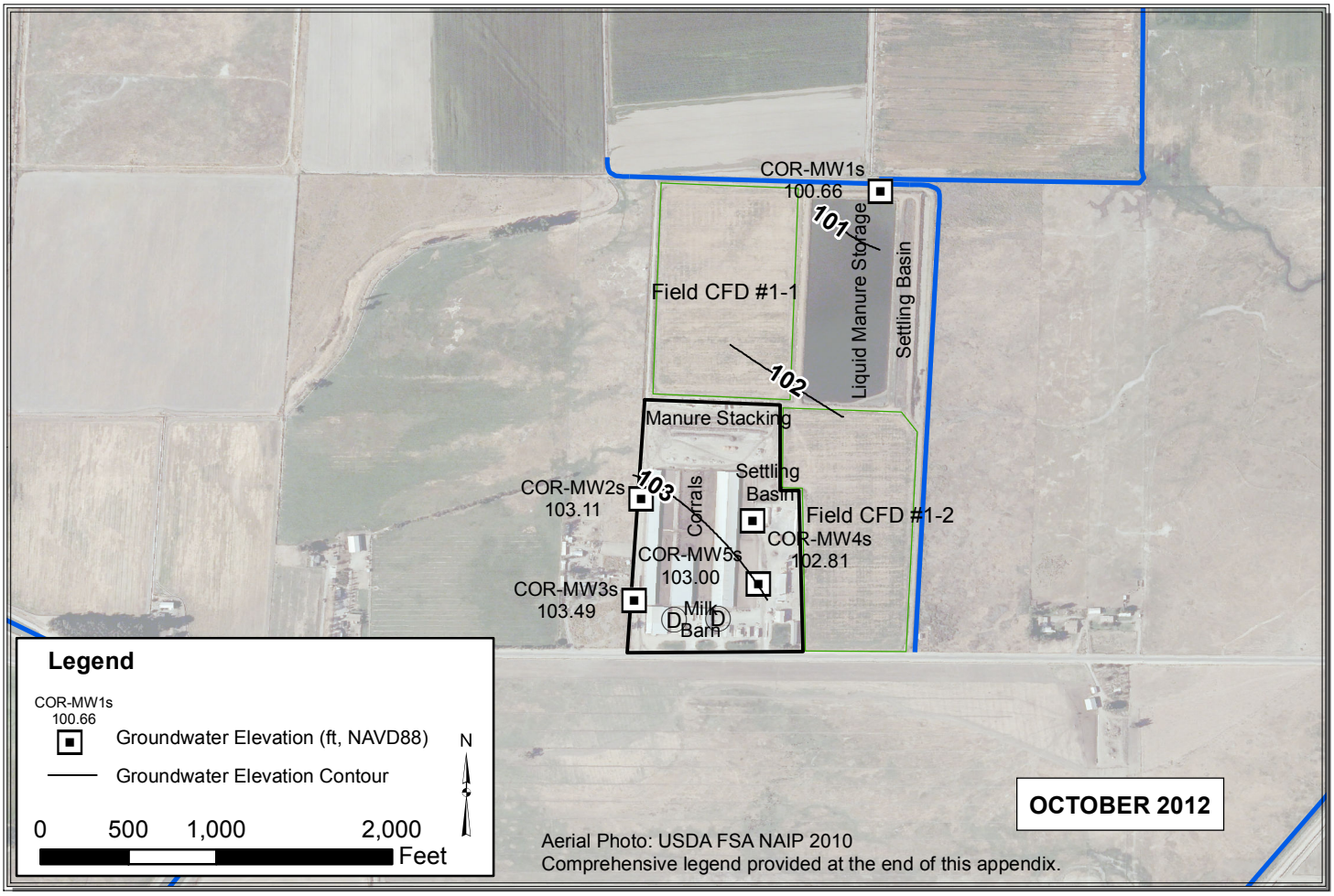

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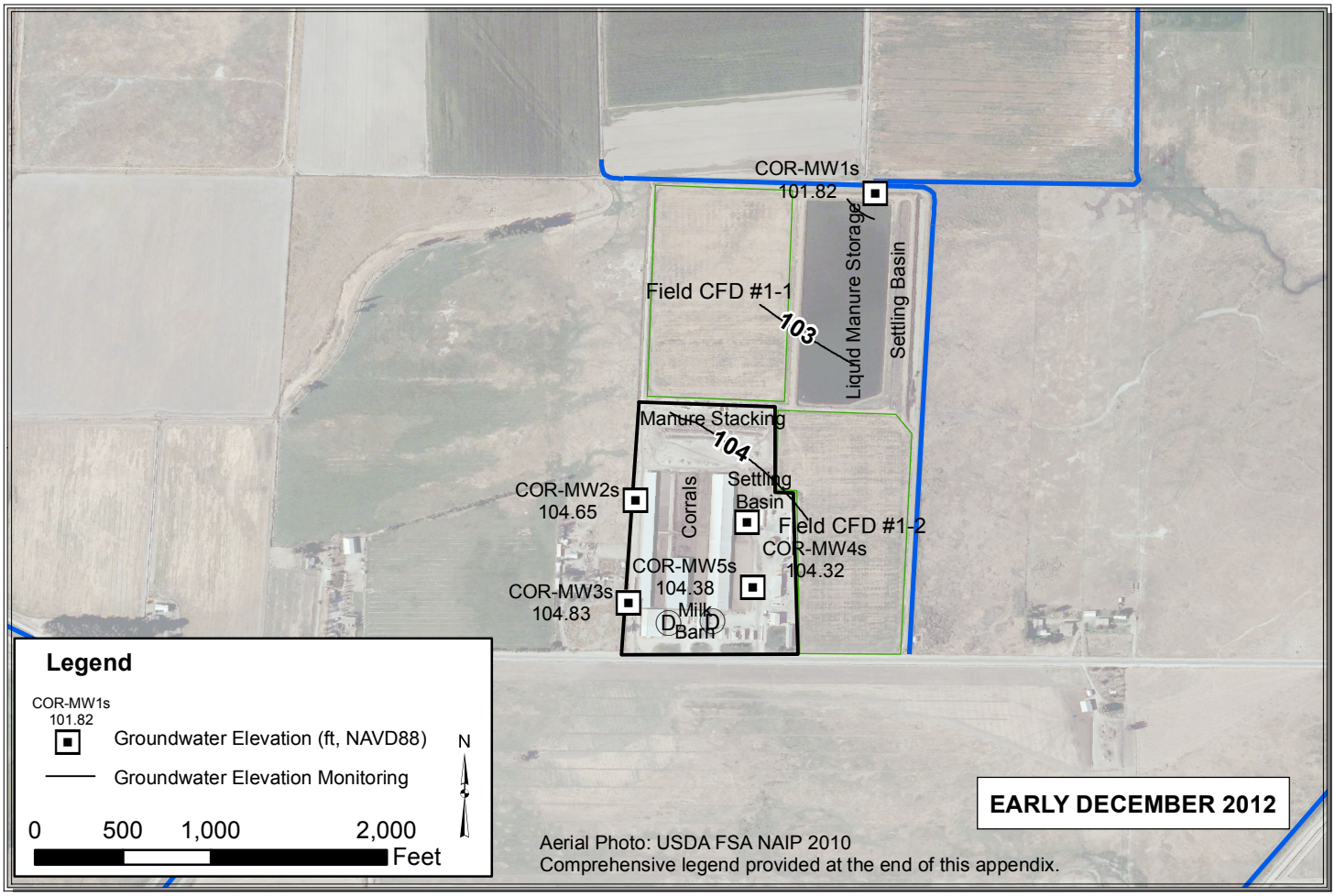

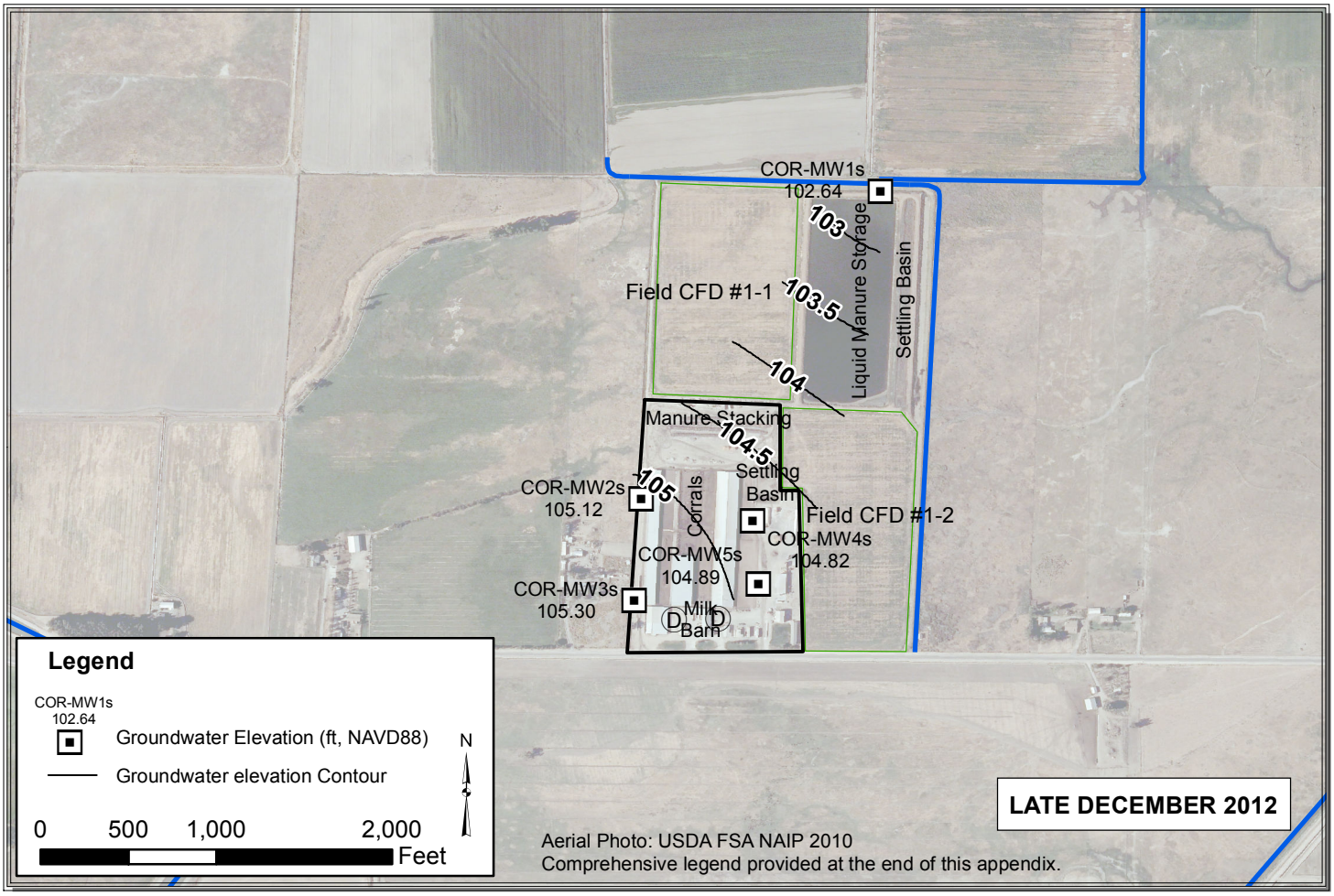

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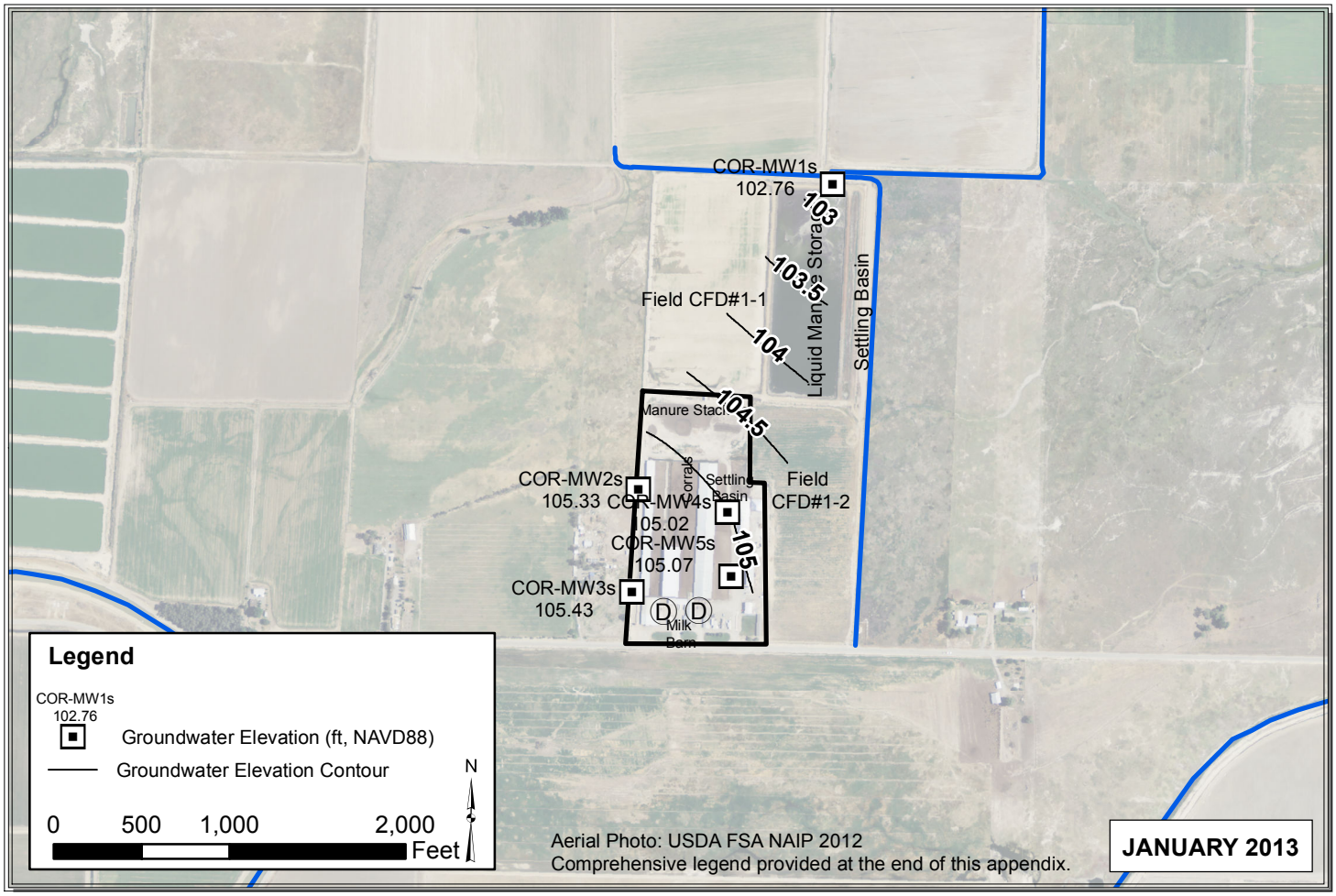

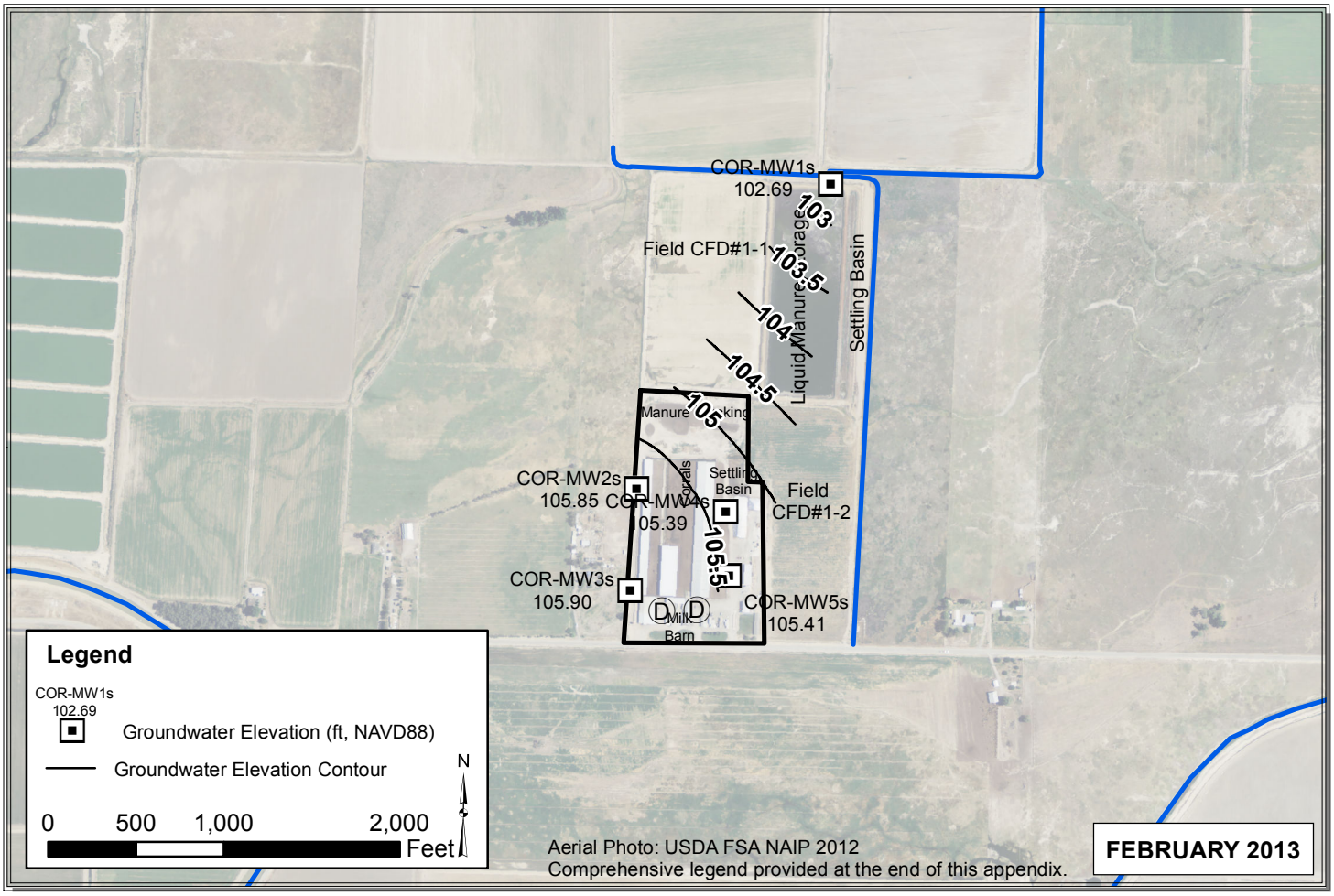

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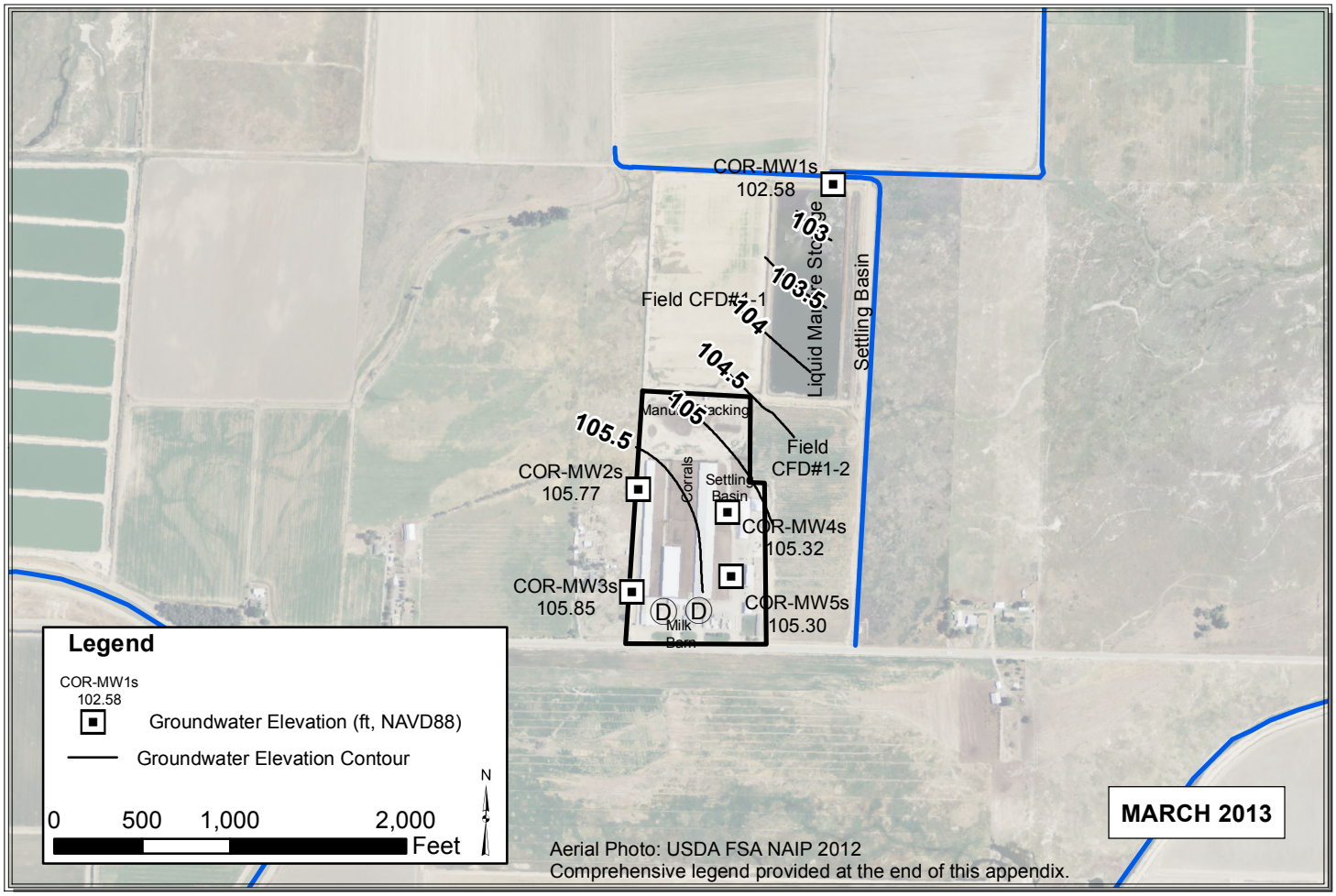

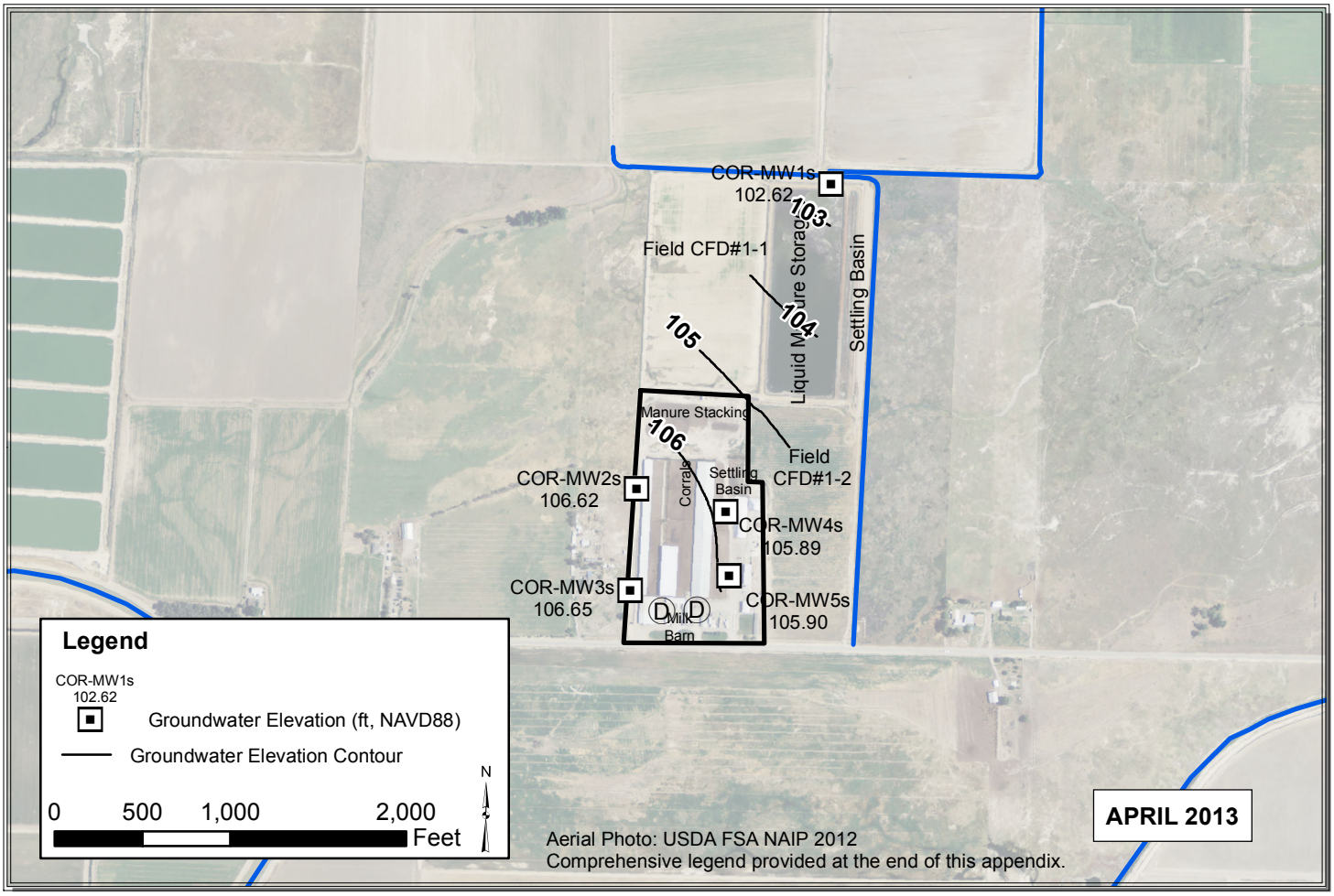

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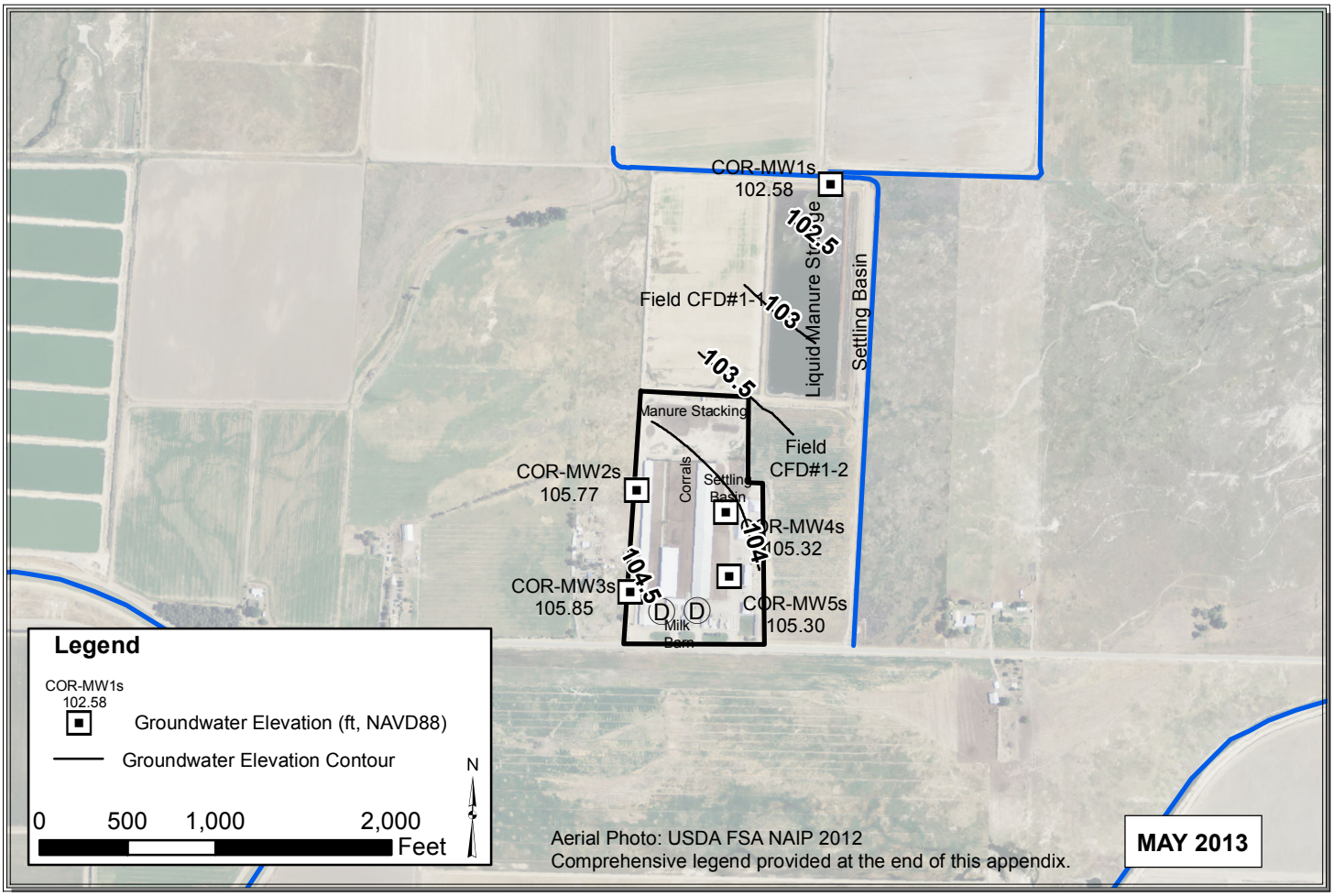

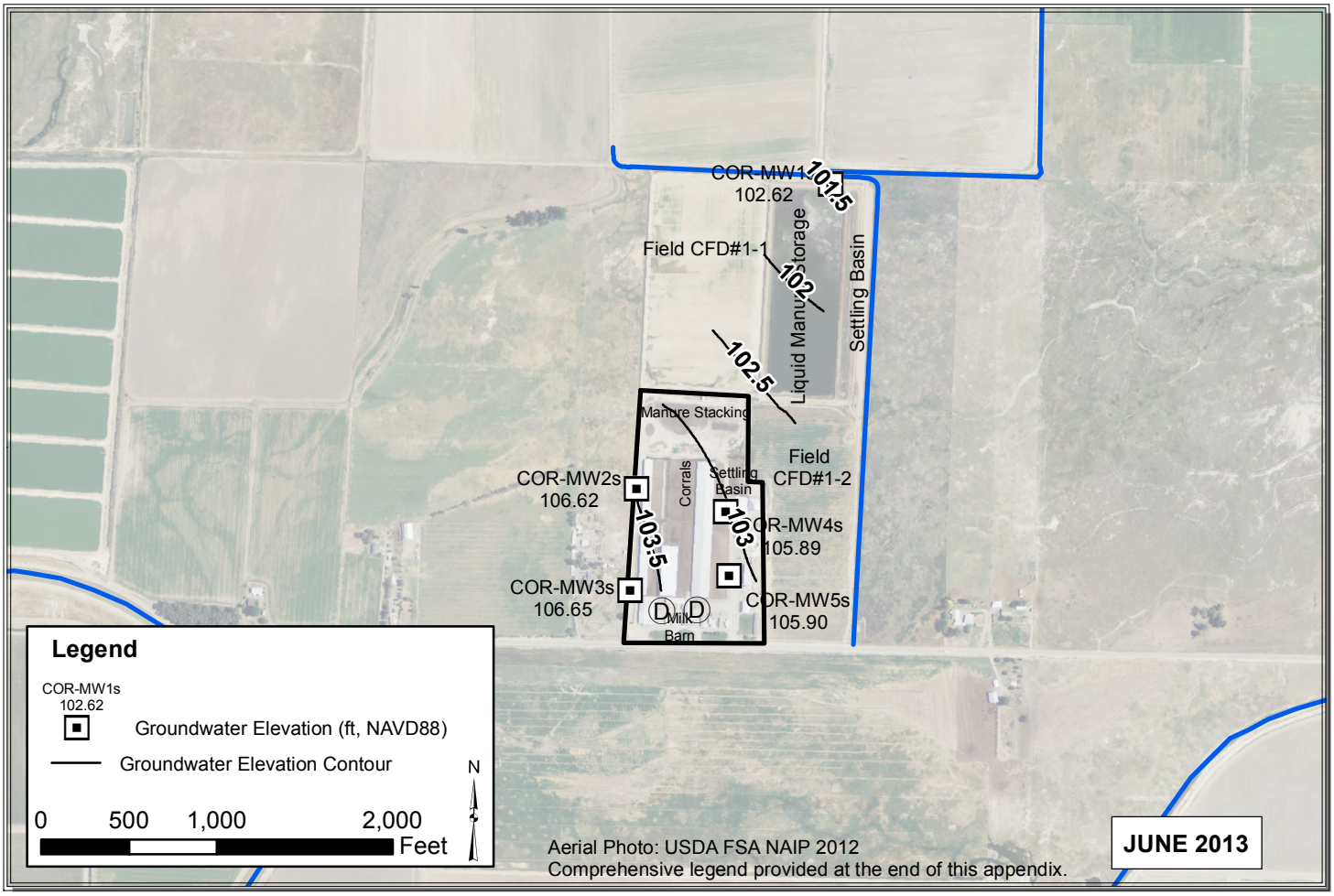

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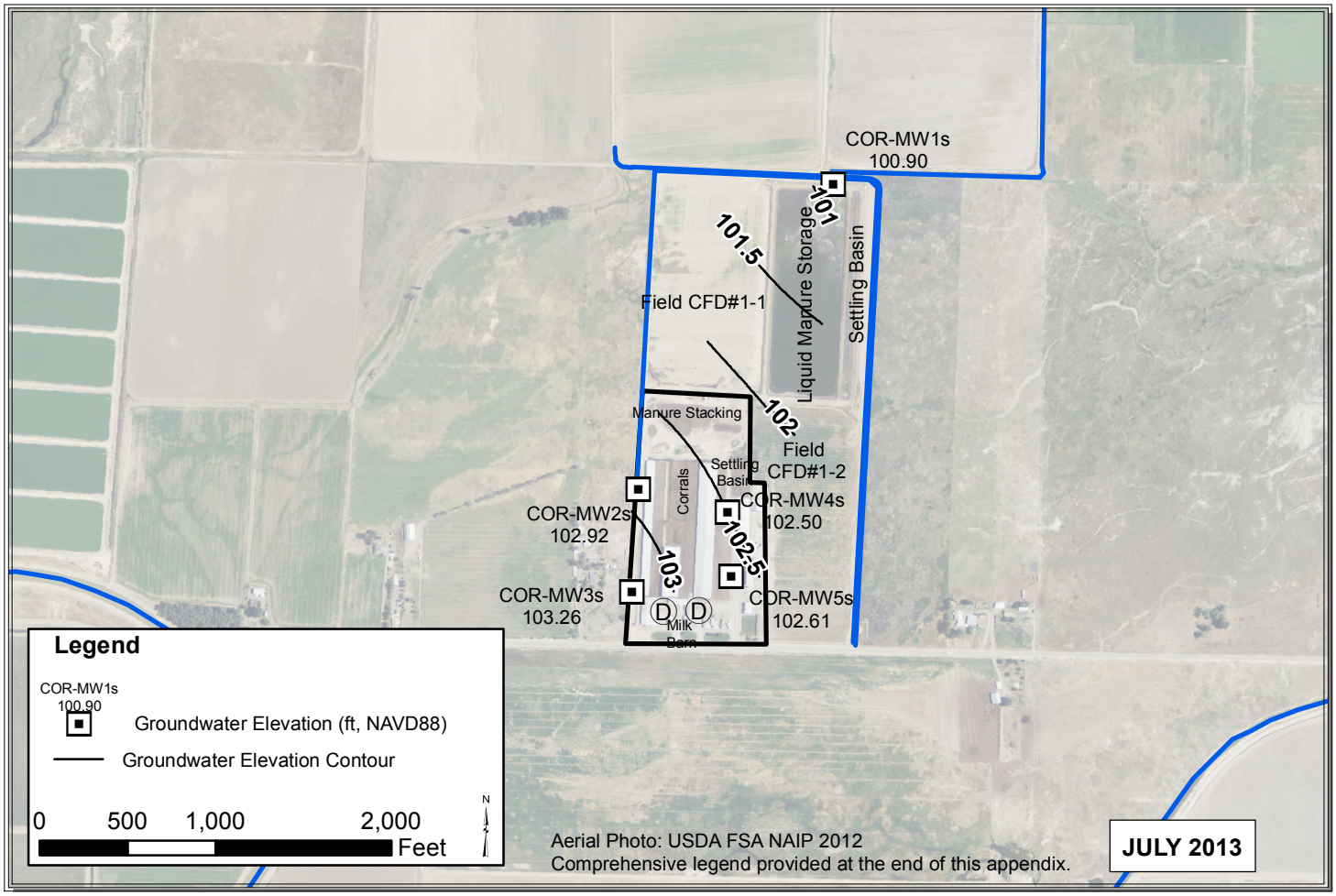

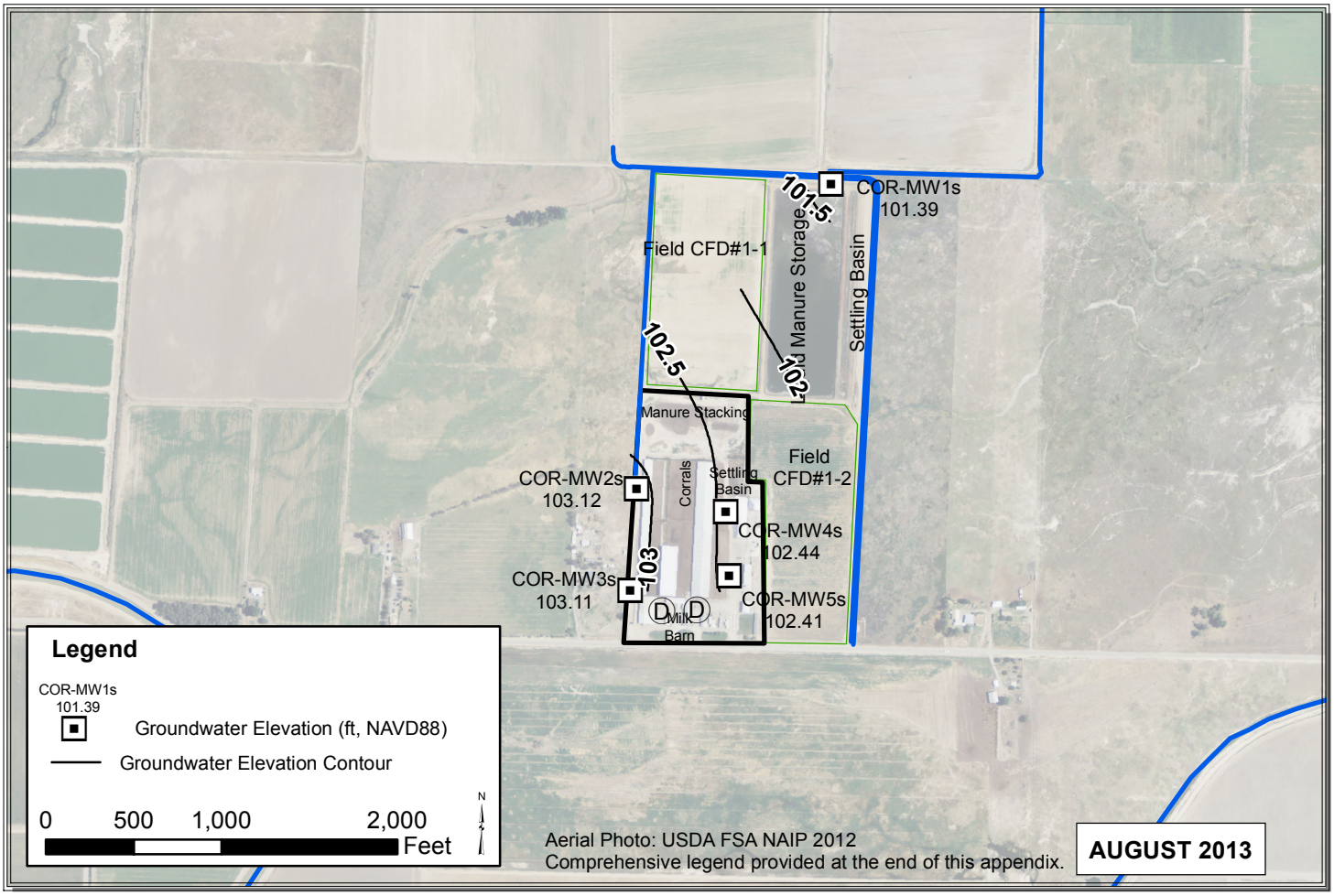

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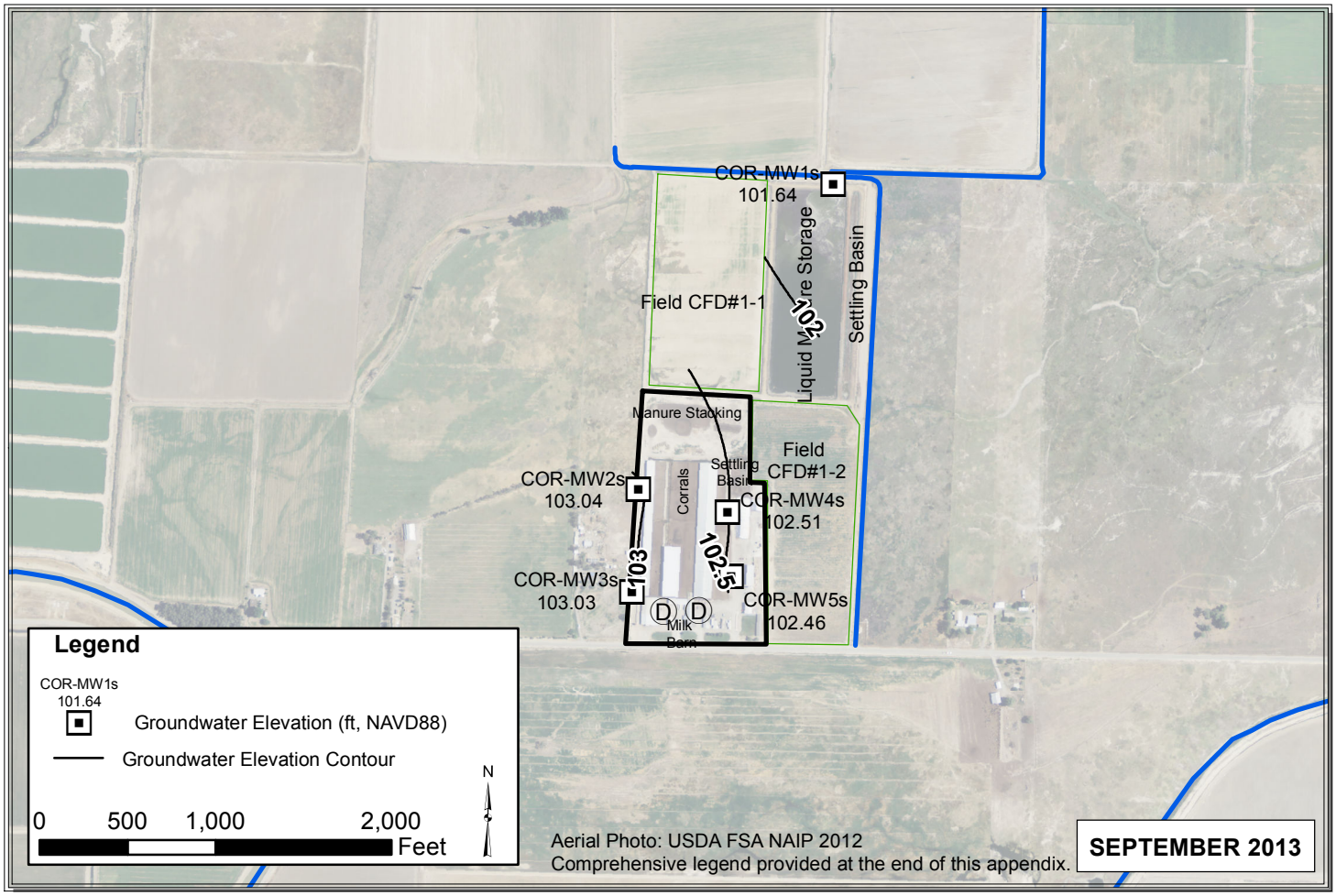

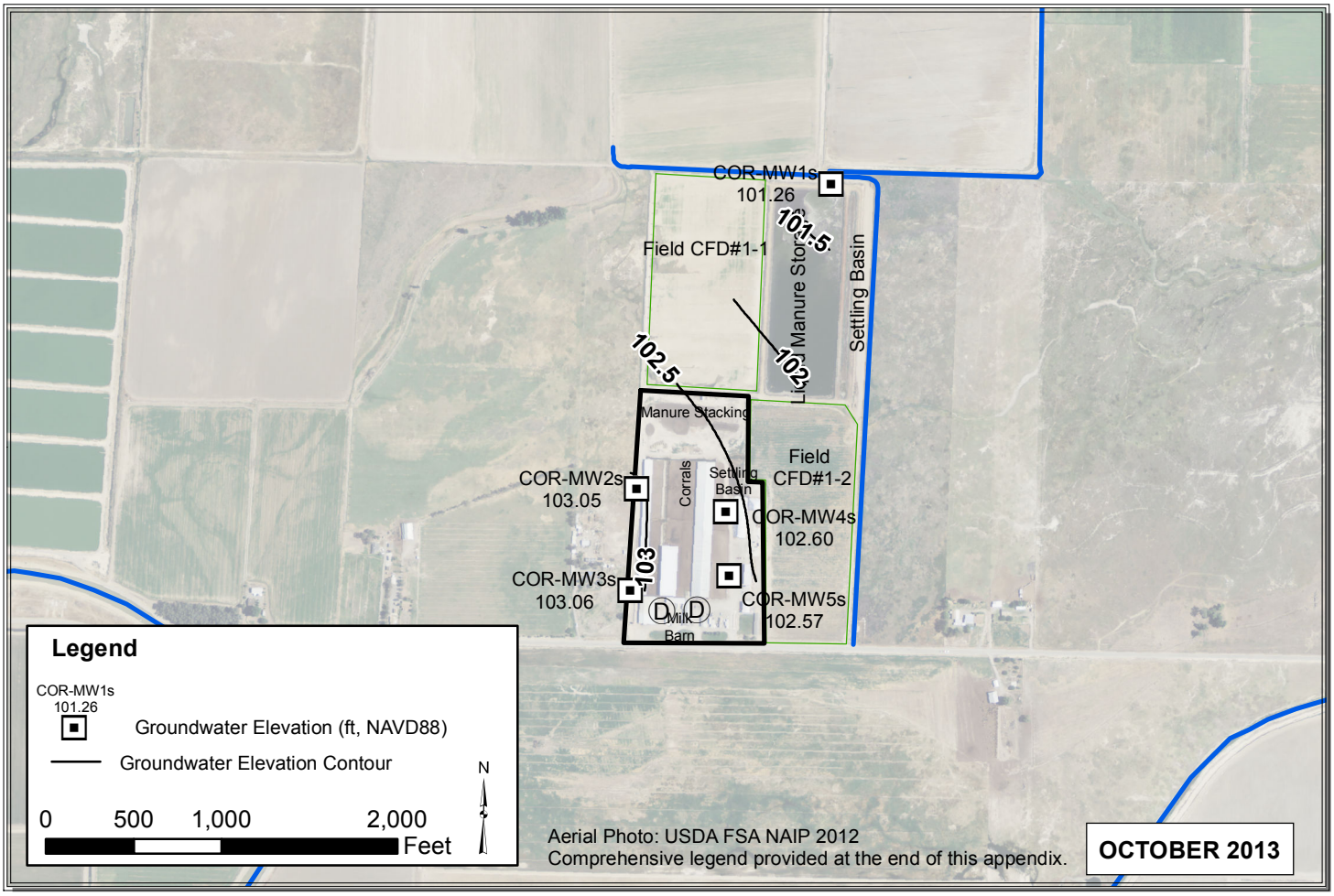

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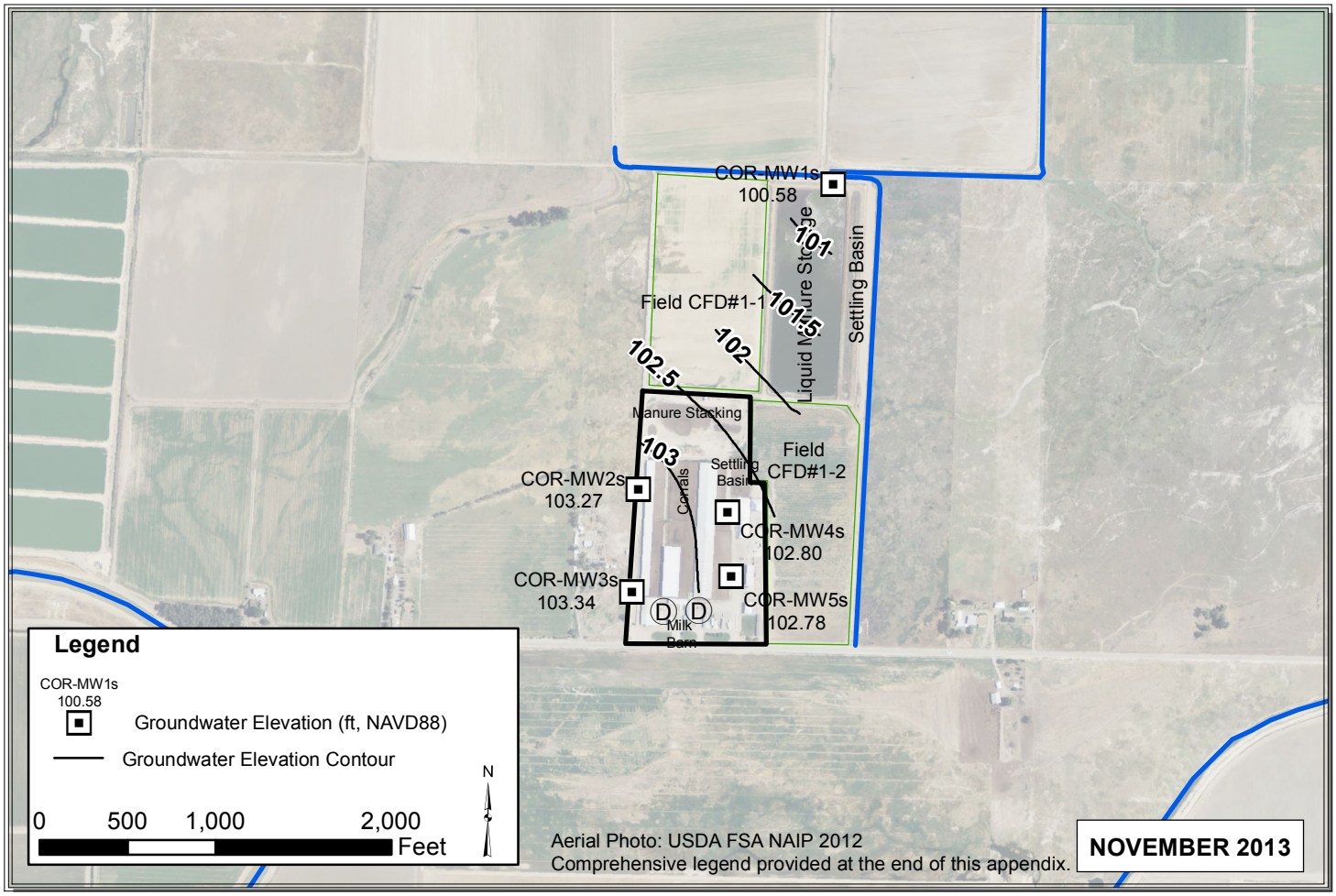

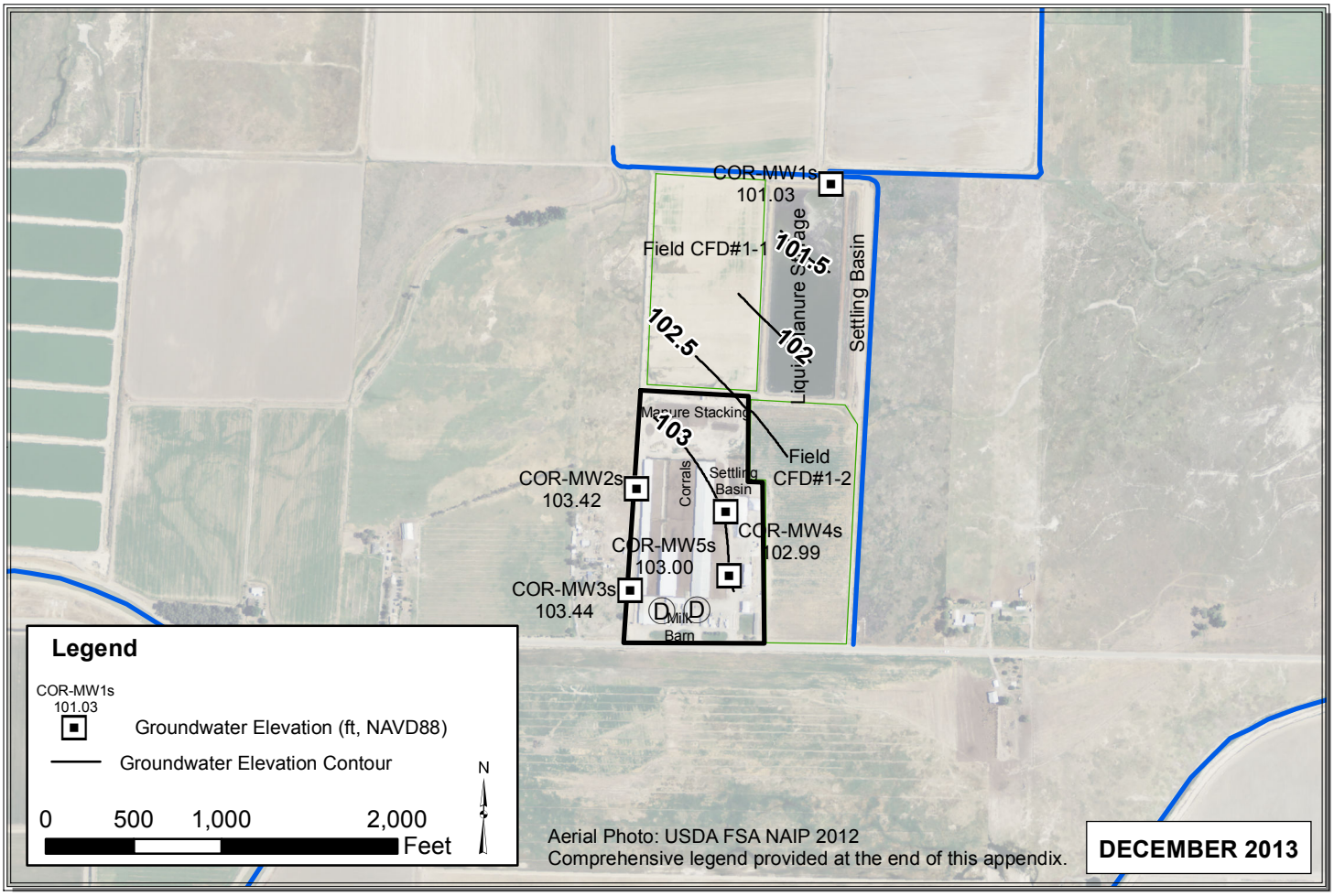

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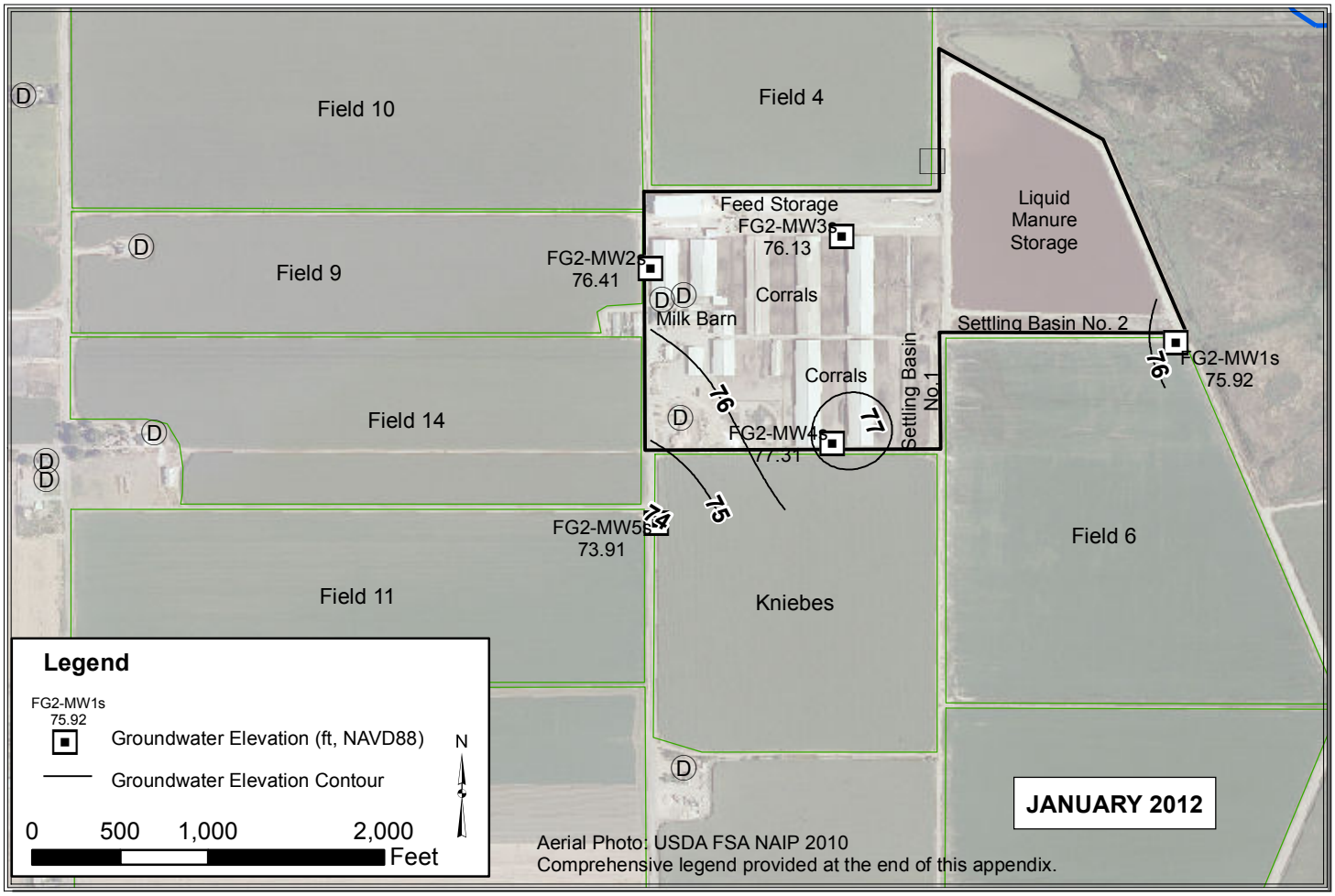
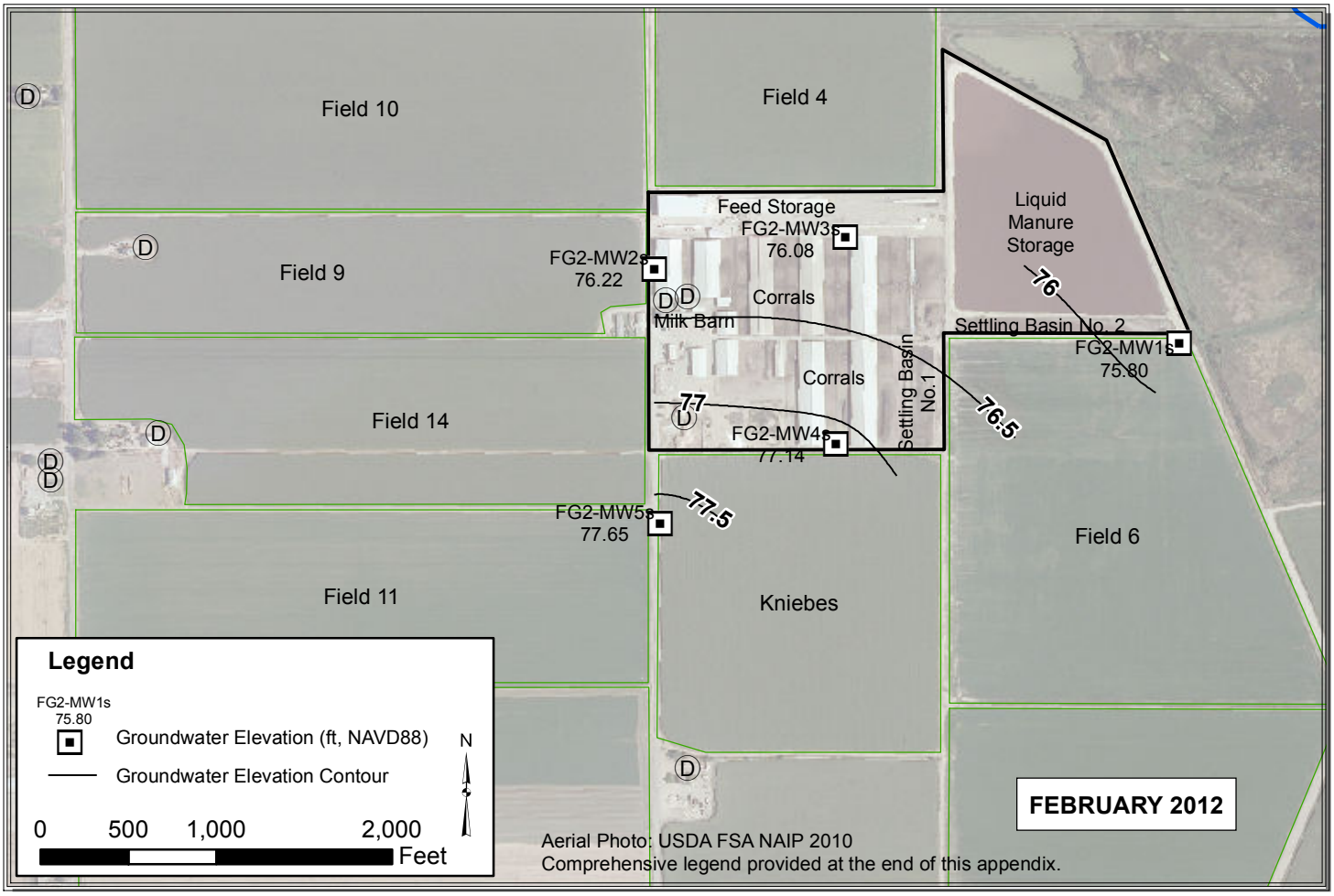
FG2





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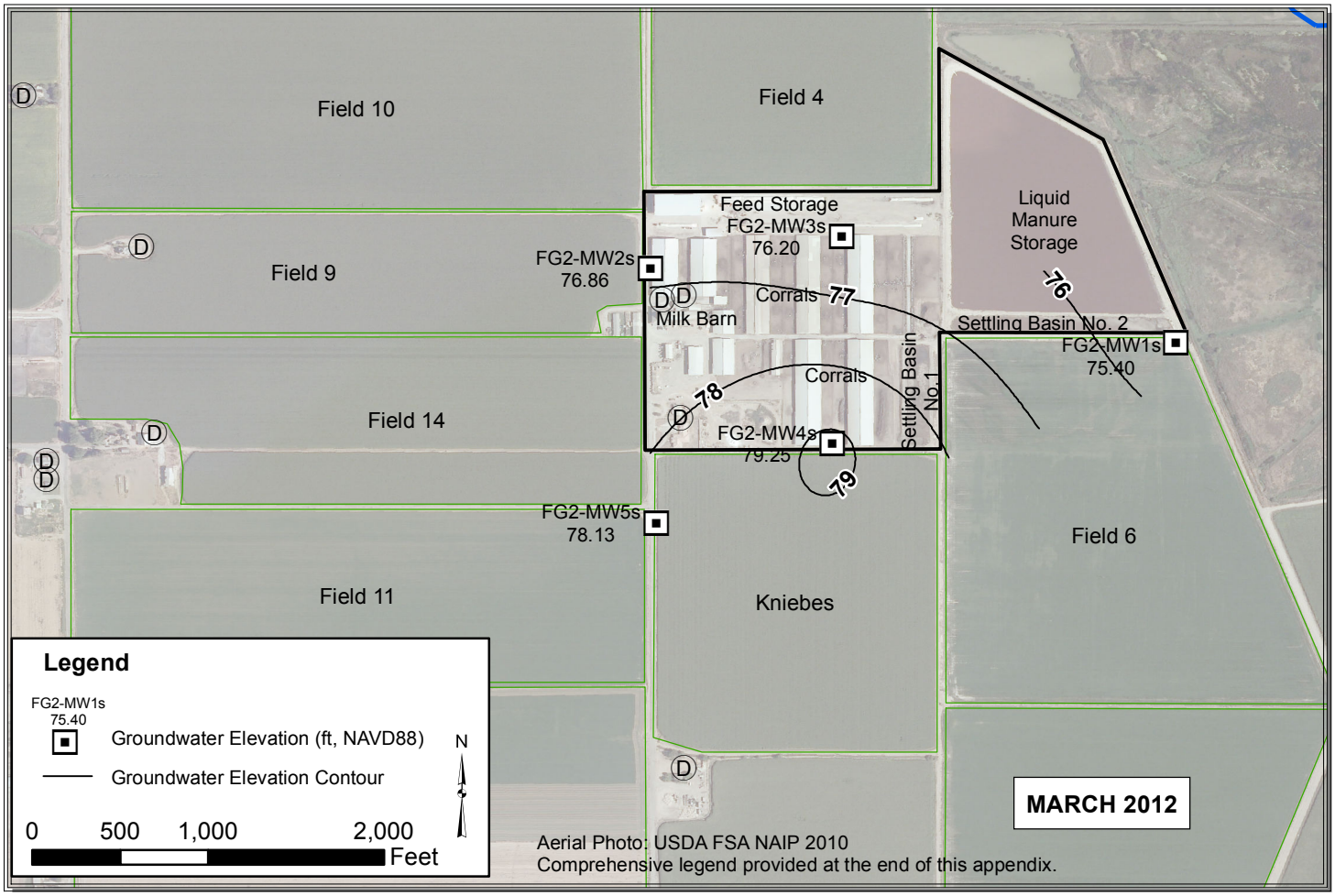

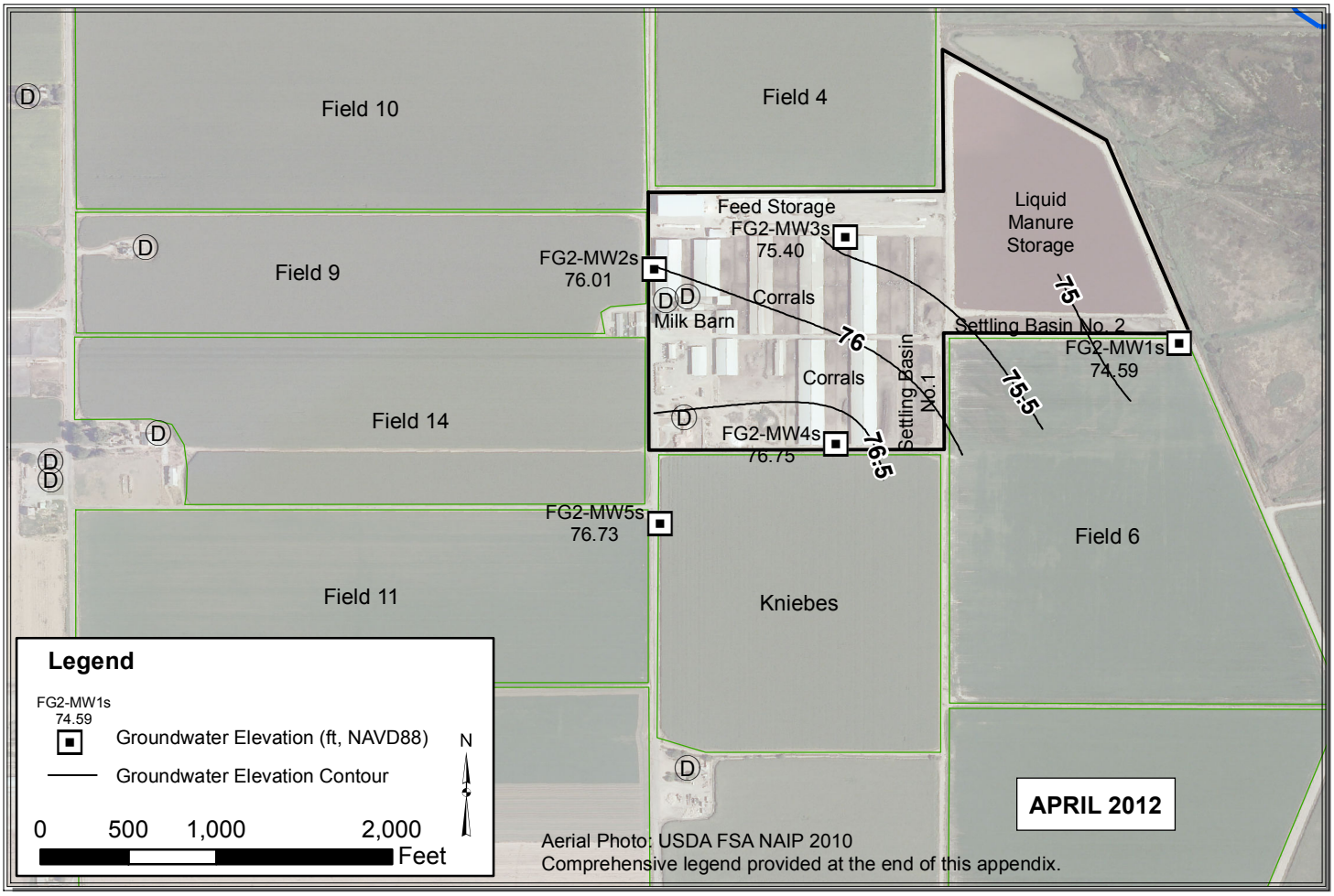

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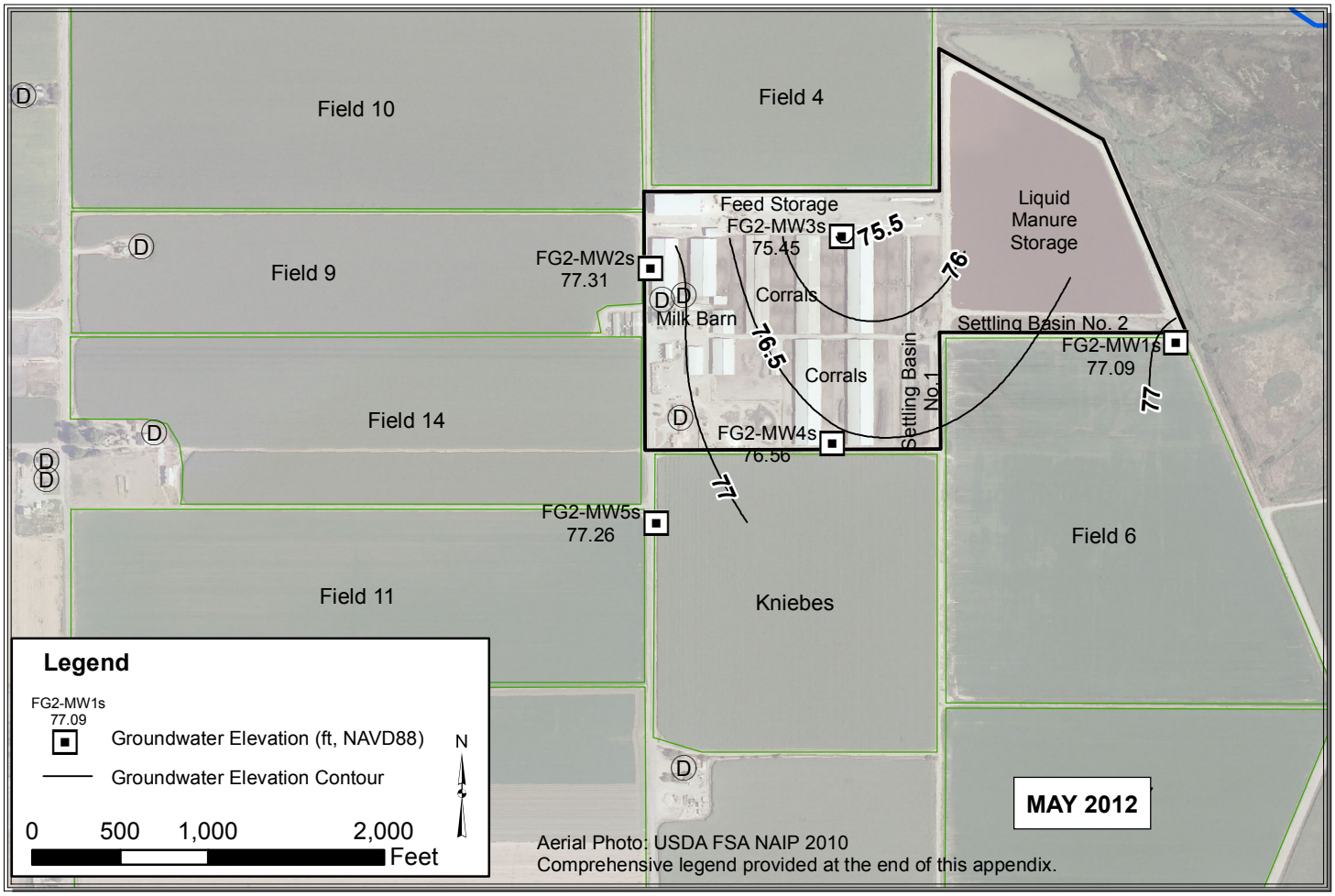

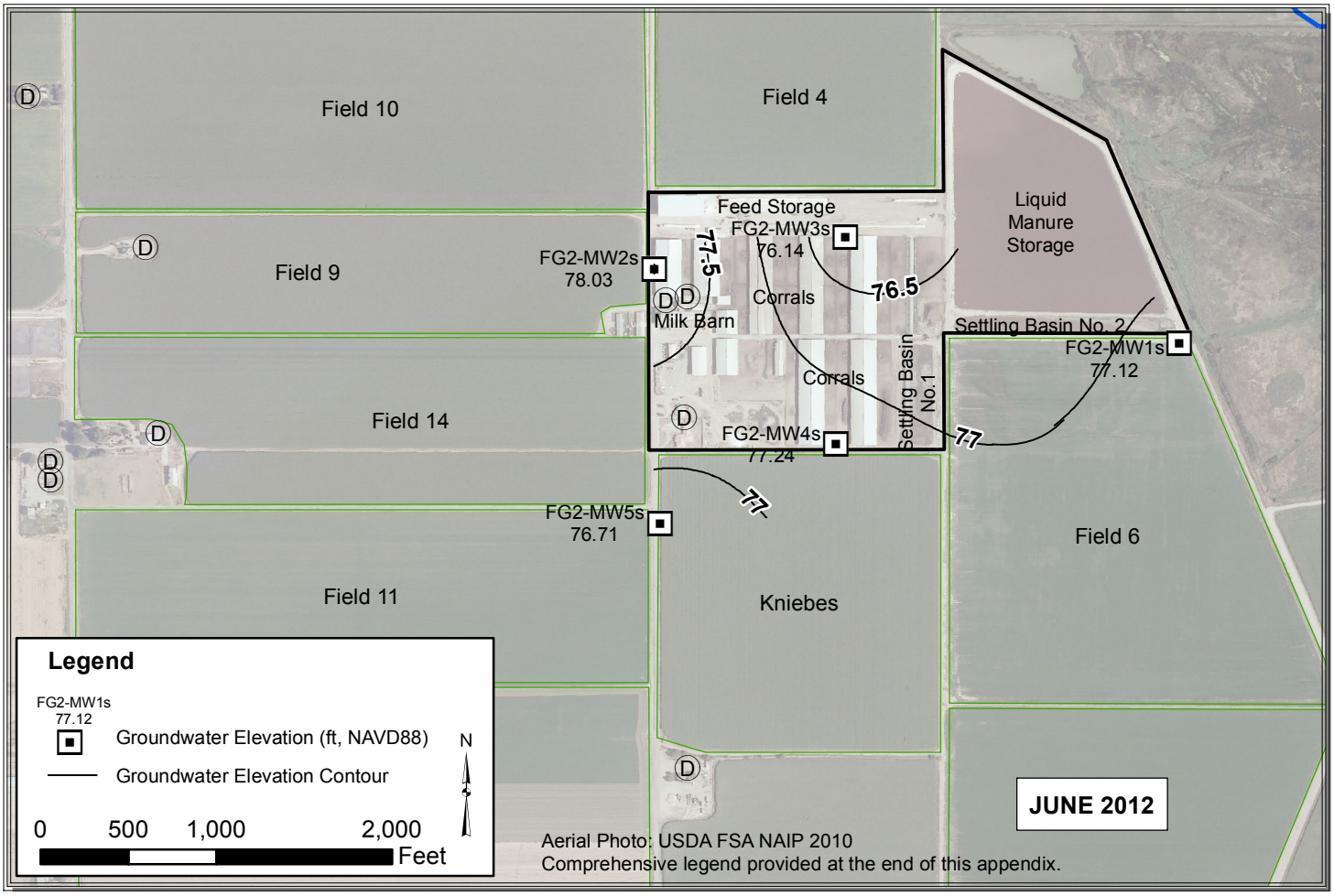

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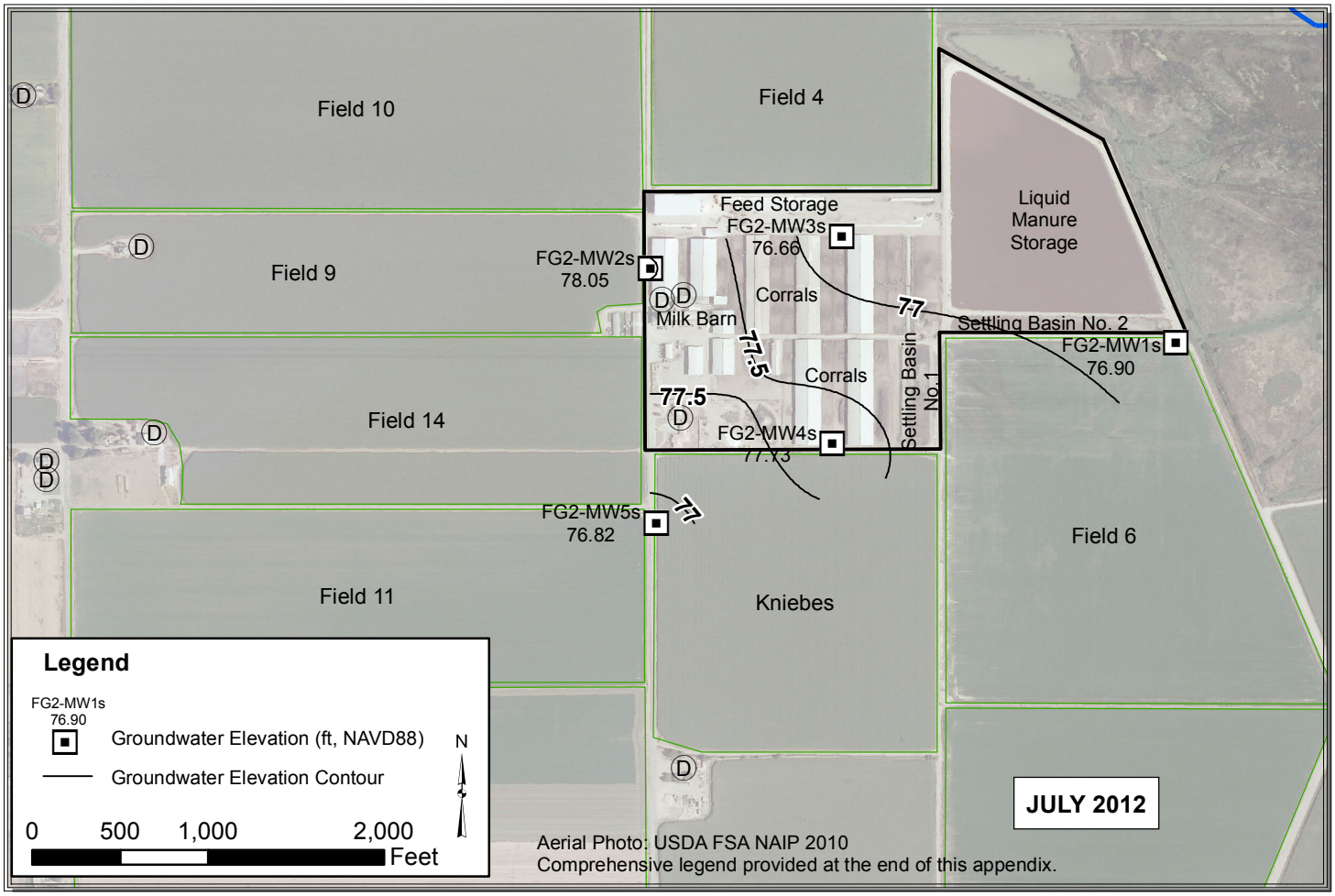

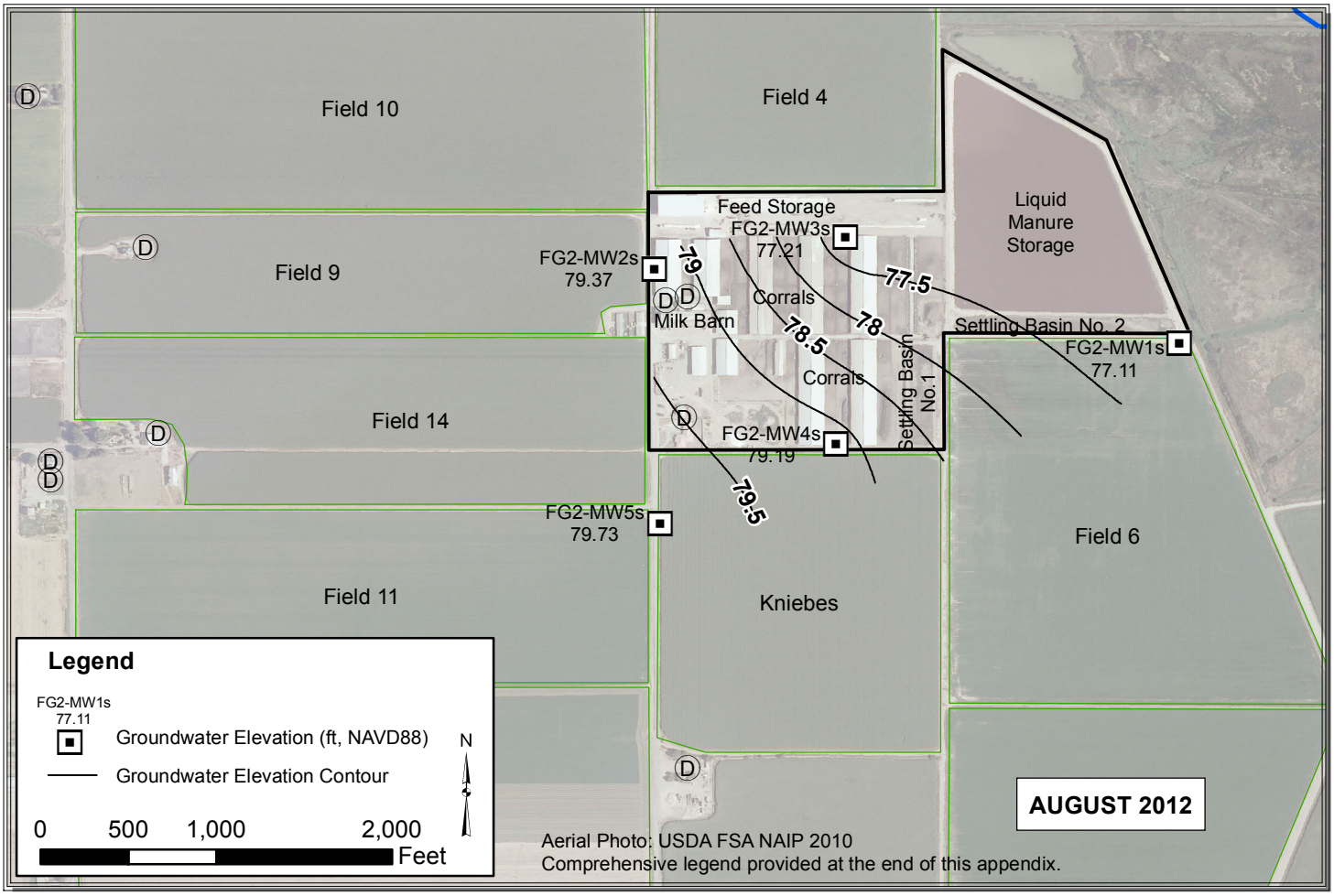

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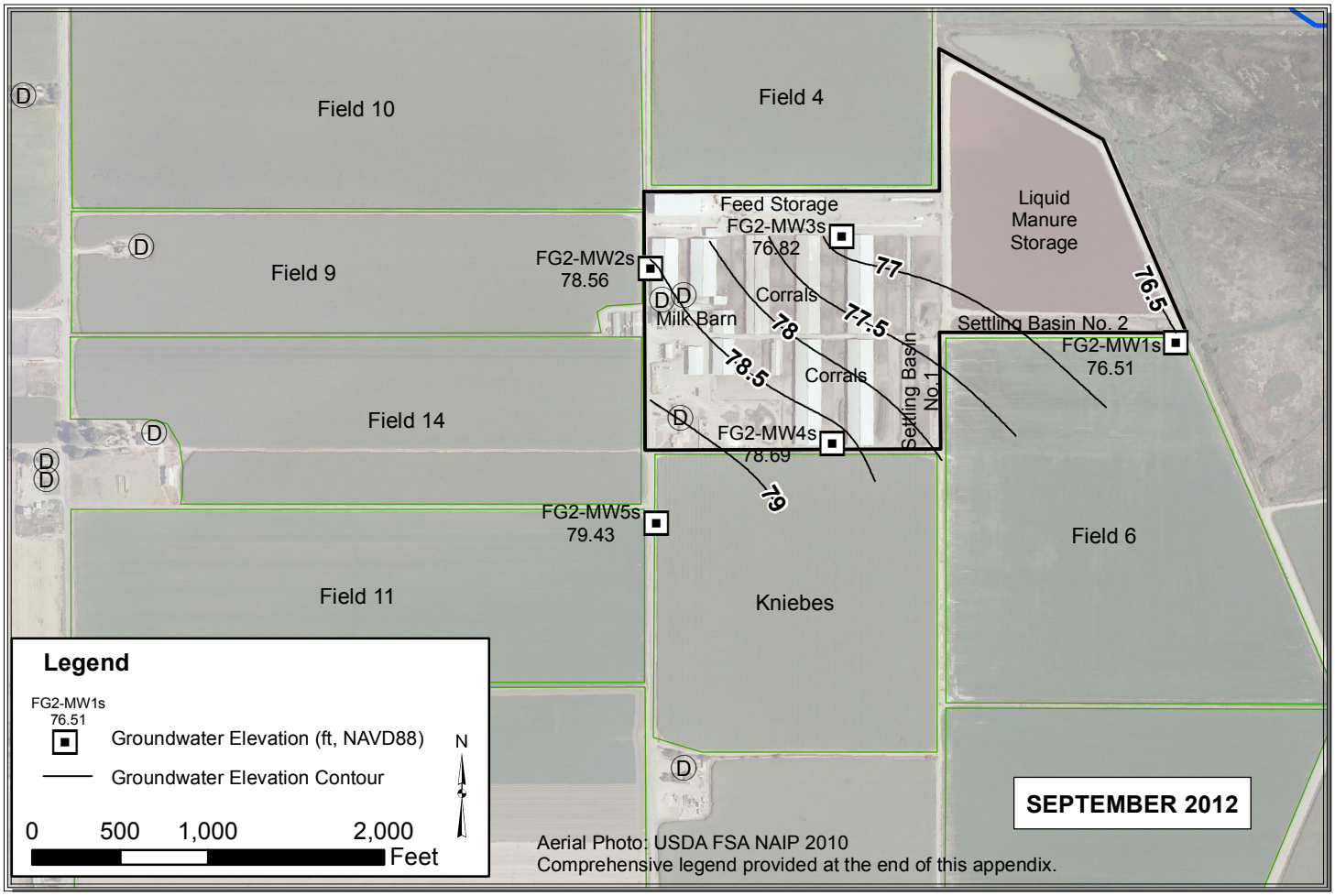

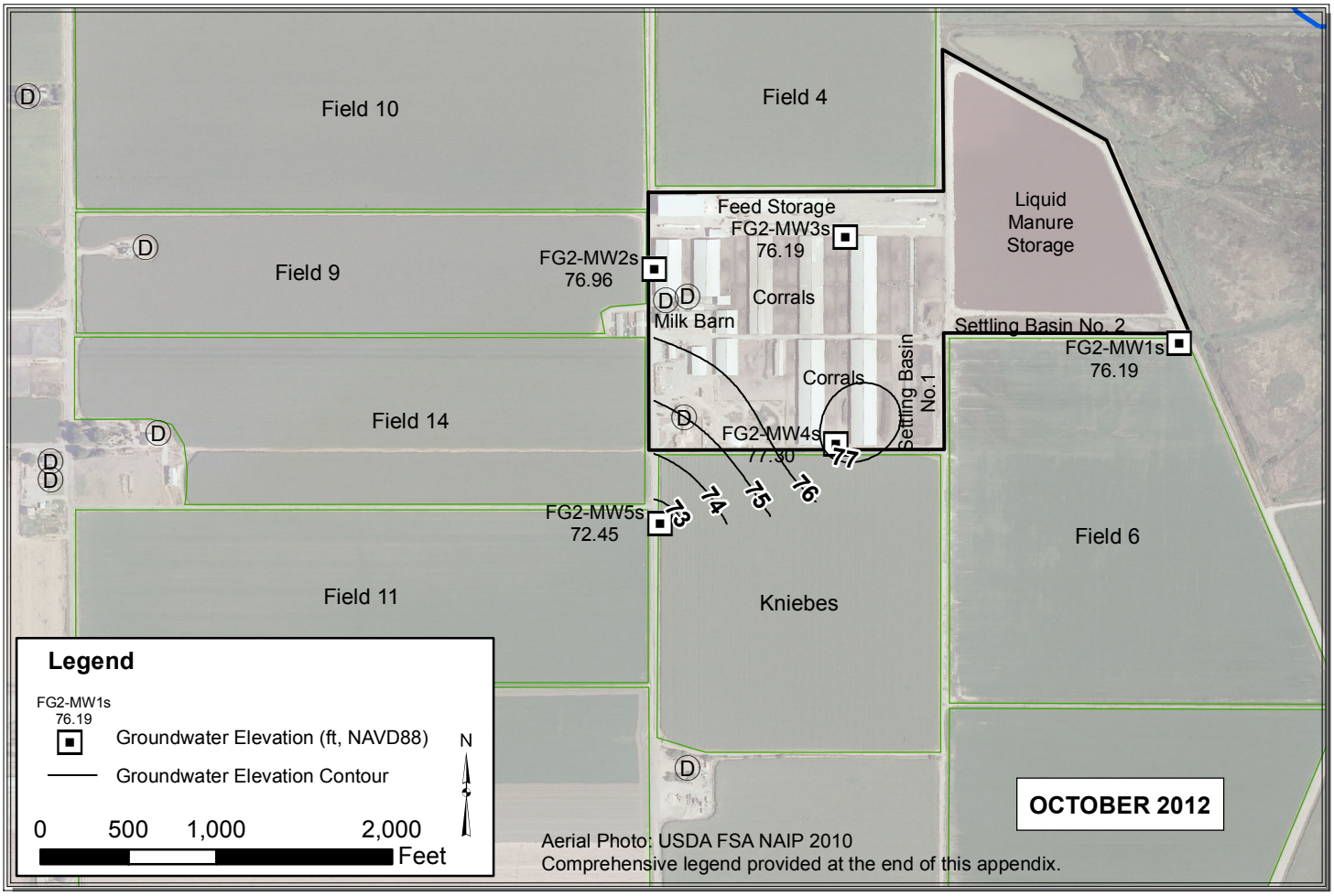

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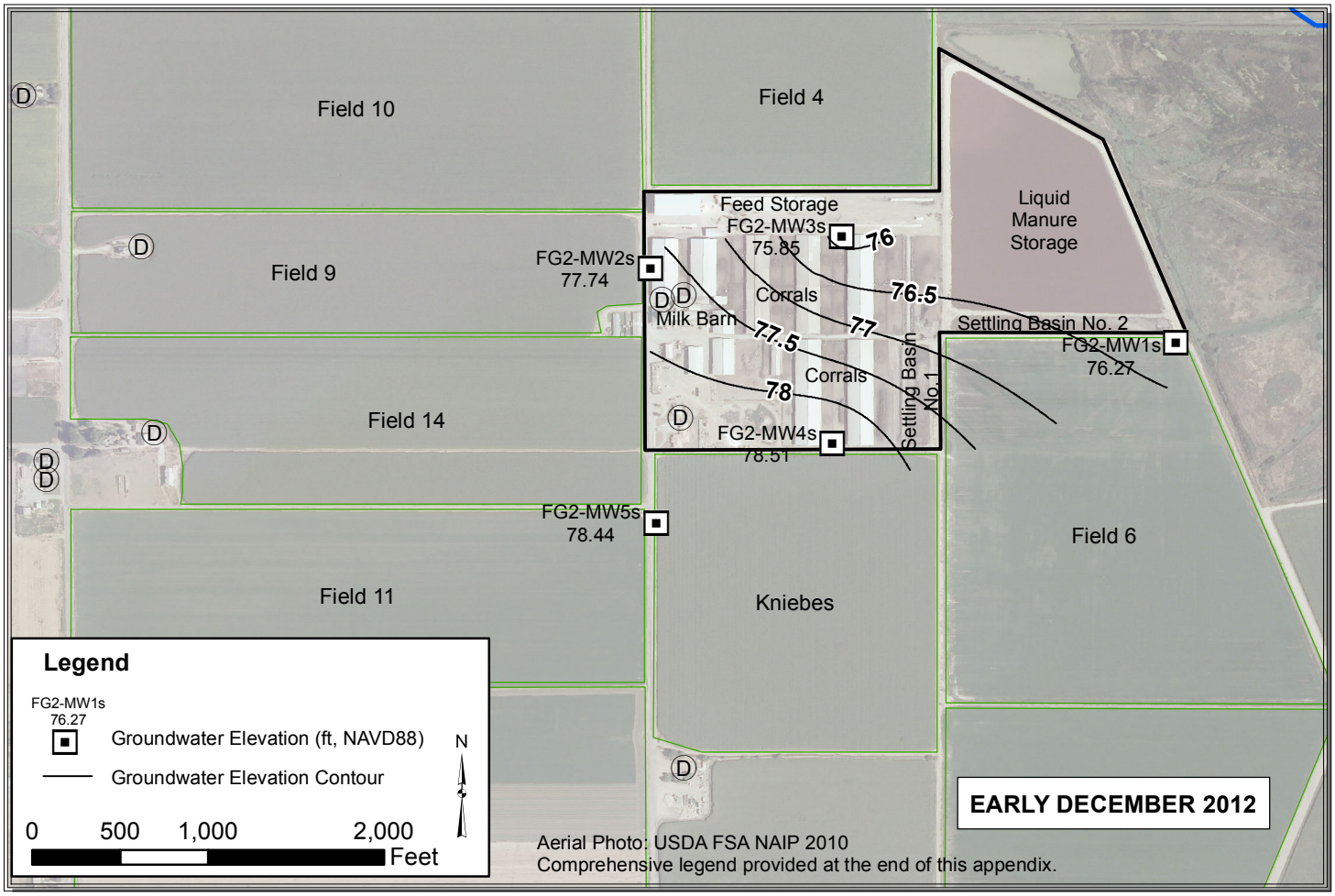

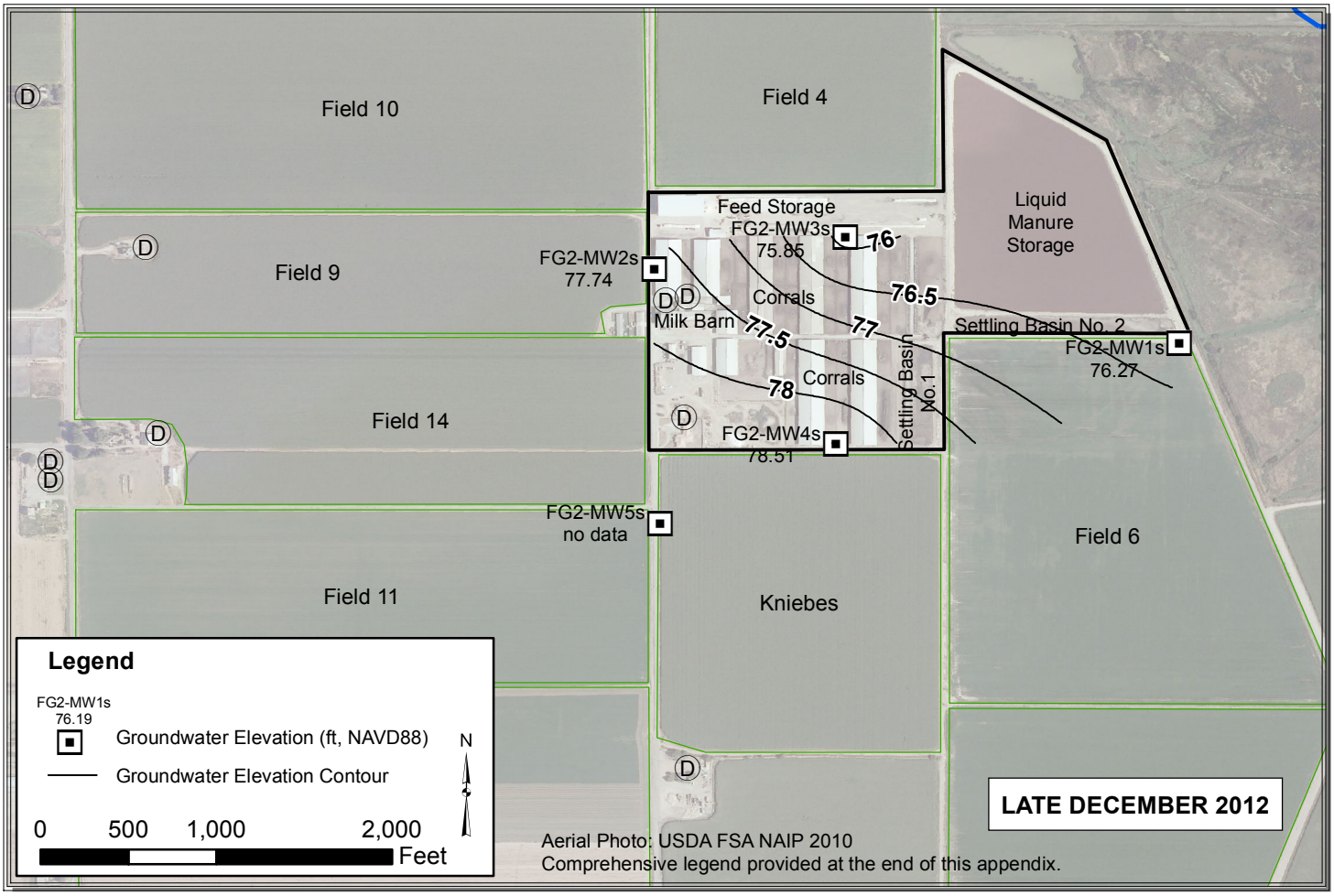

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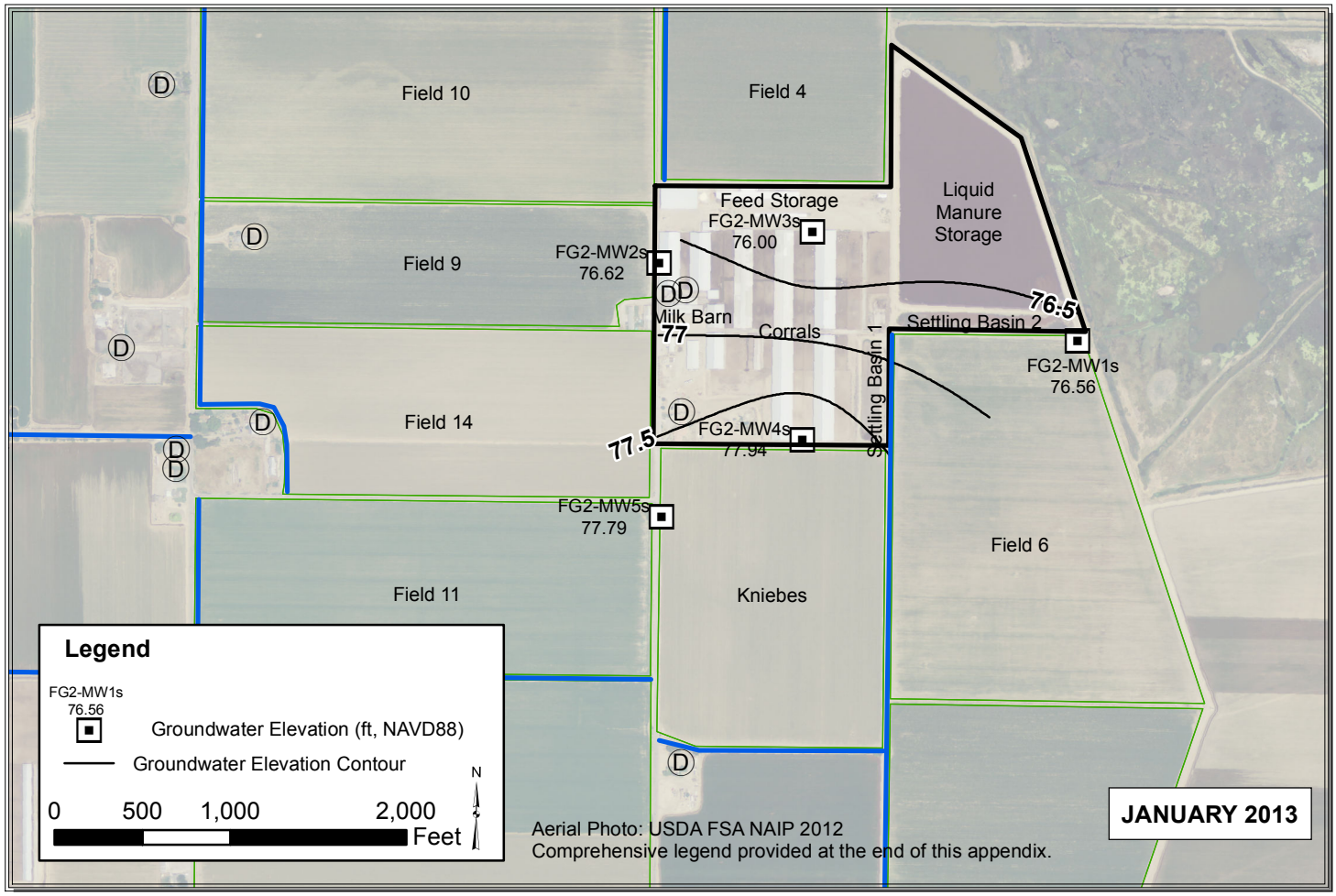

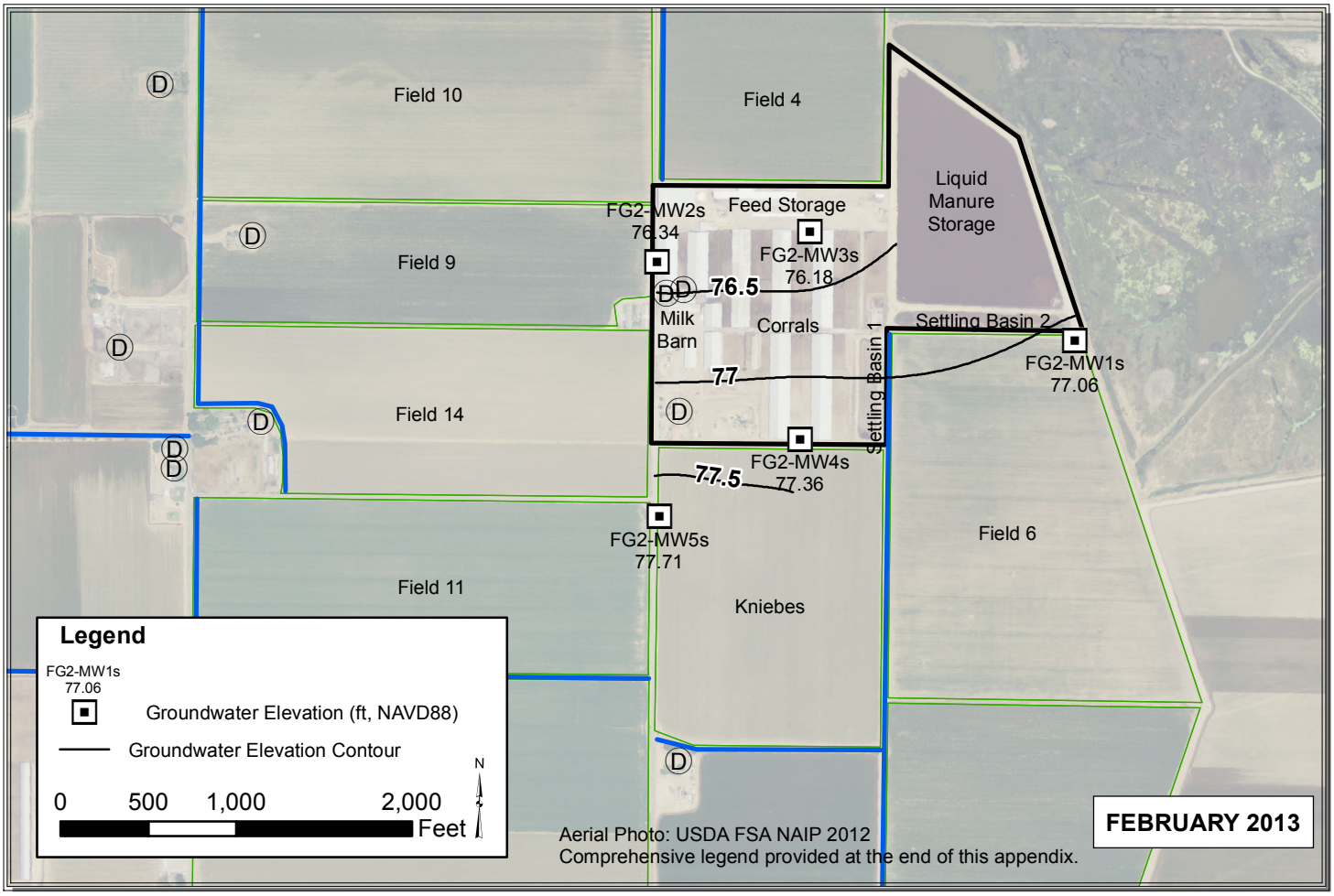

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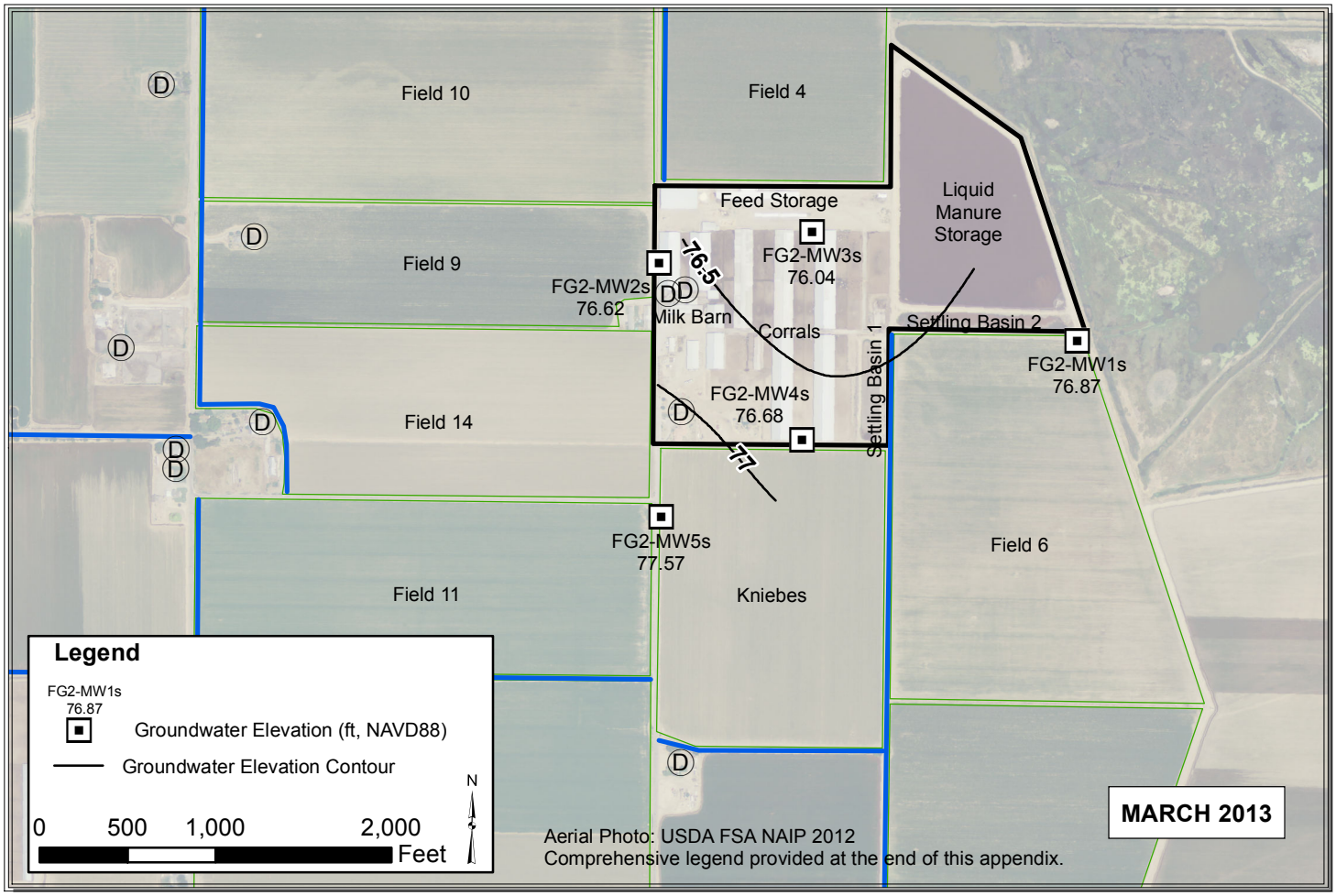

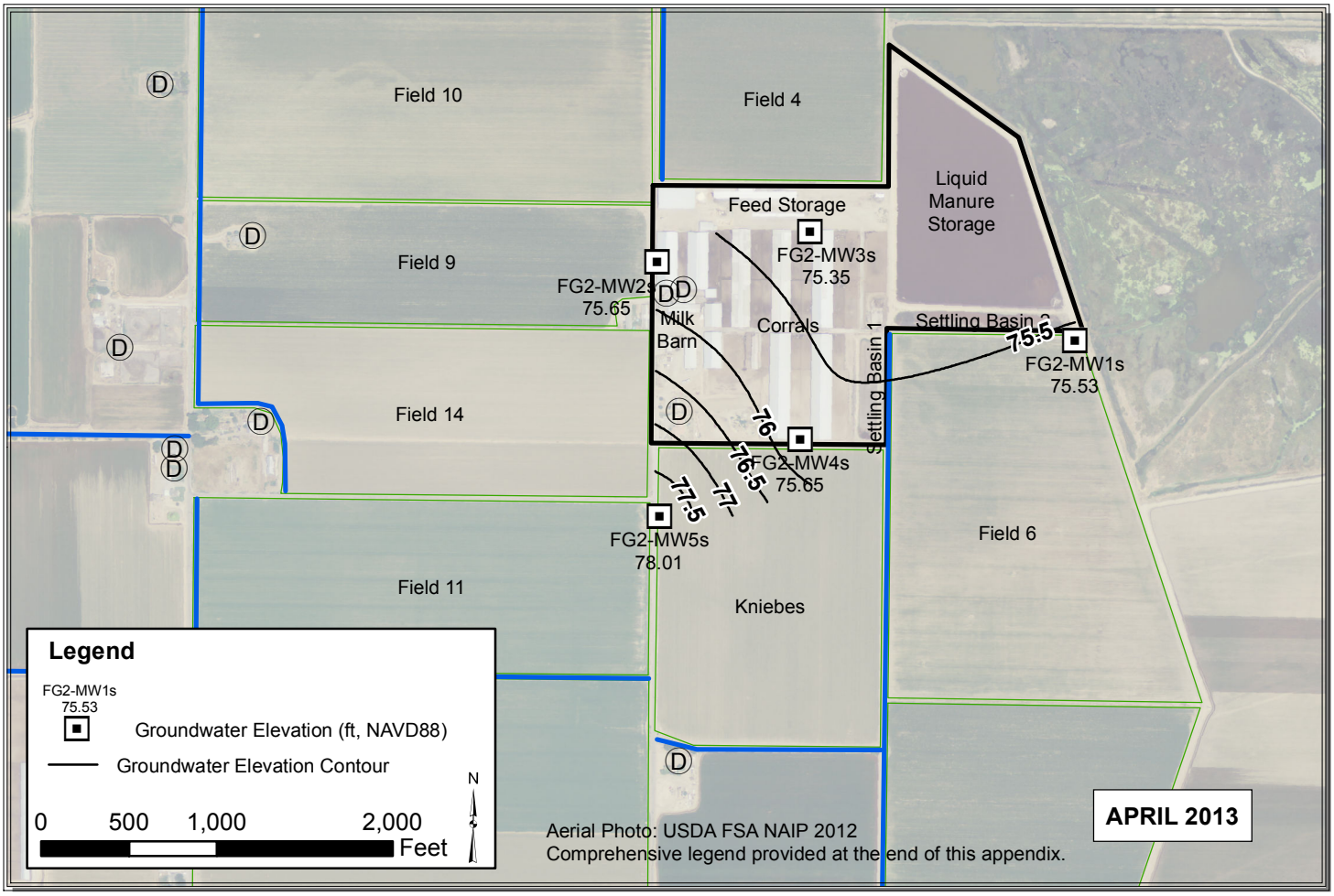

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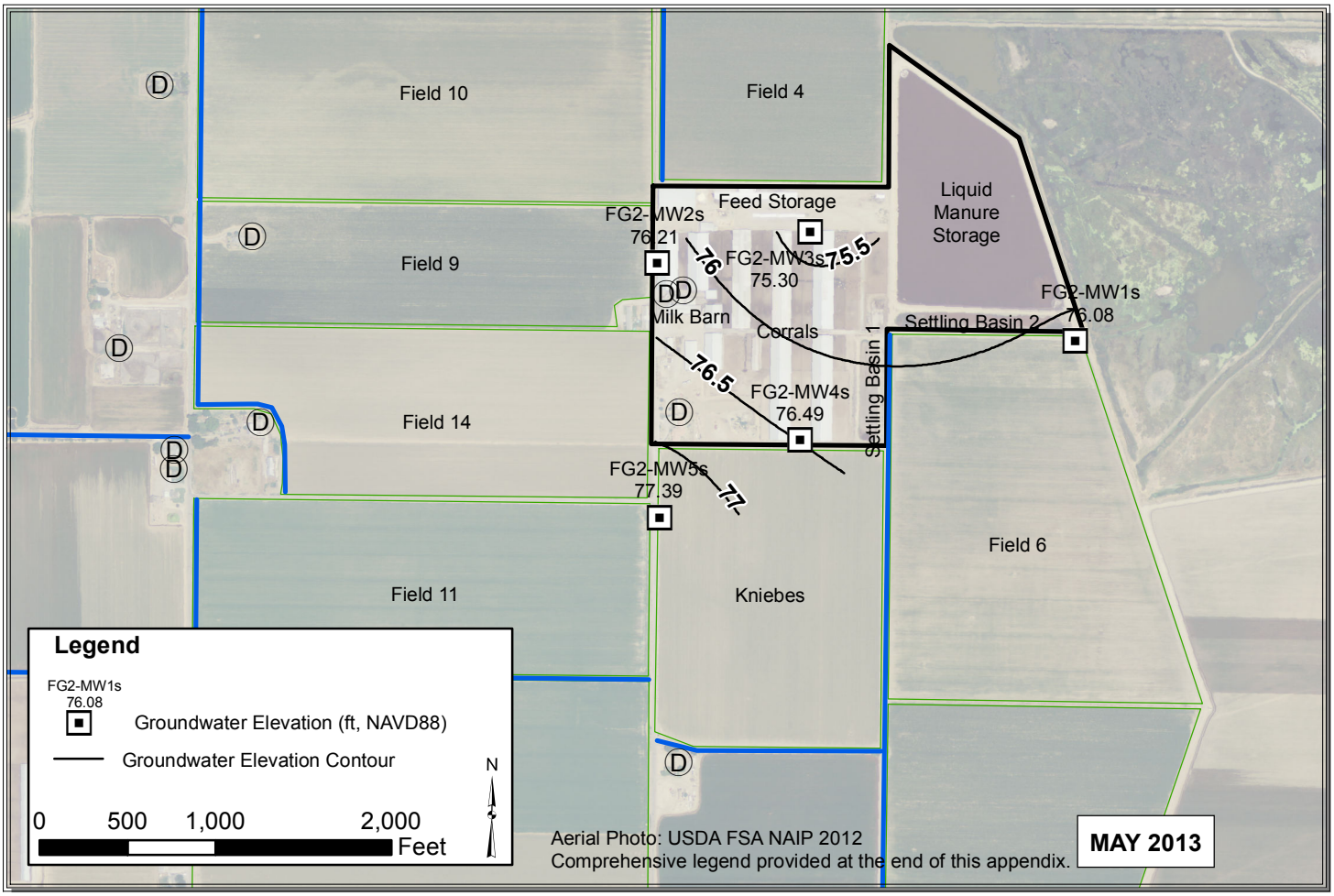

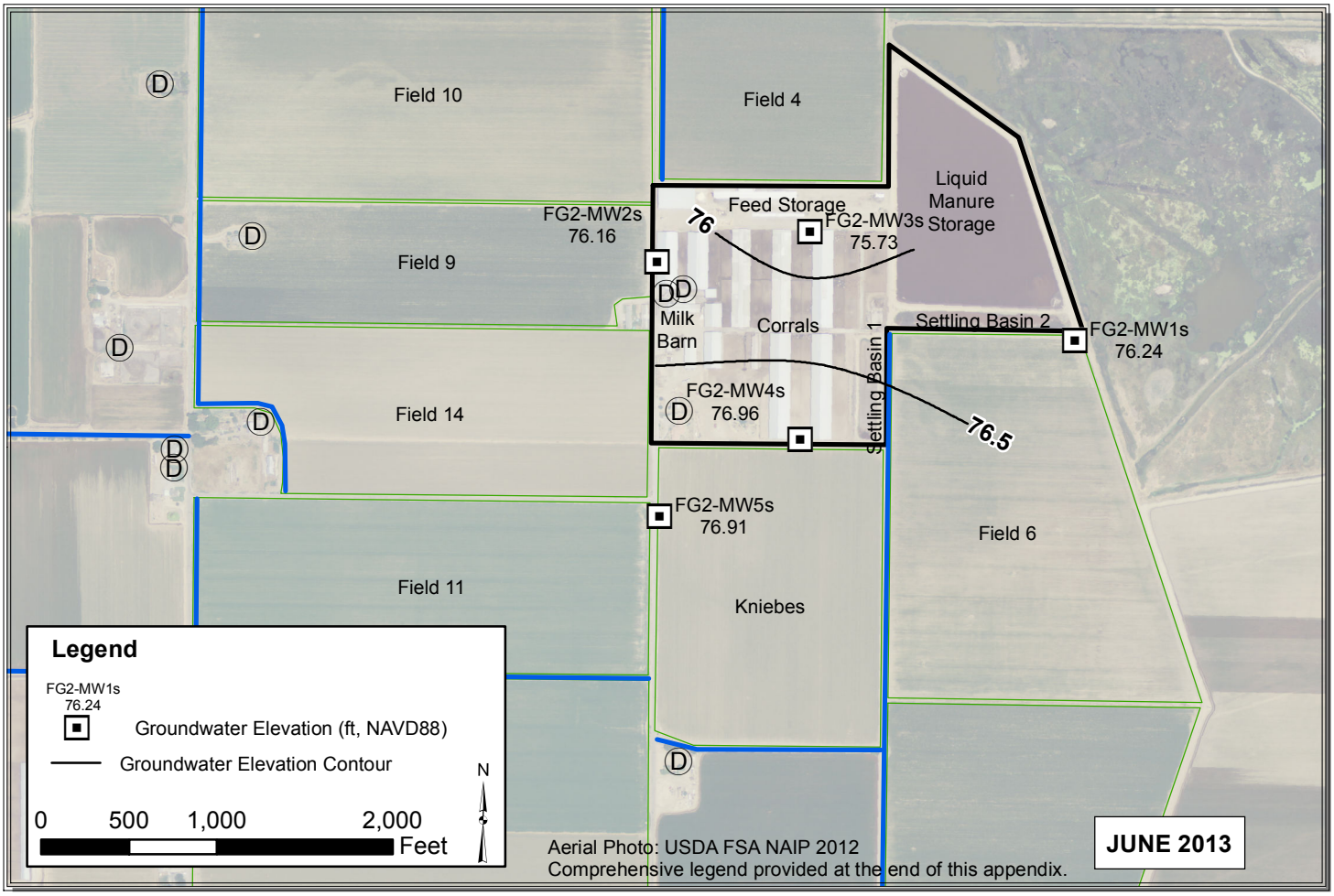

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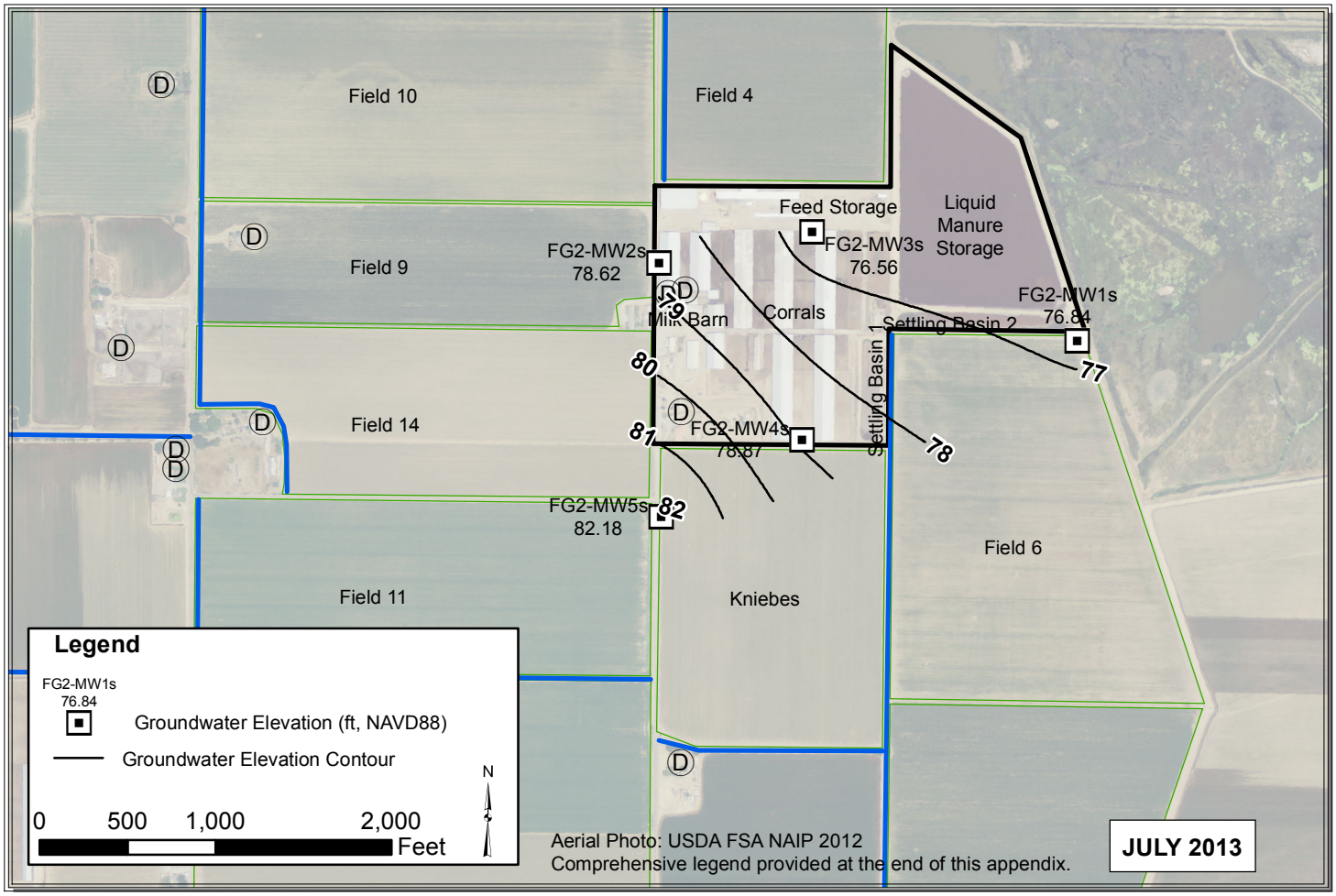

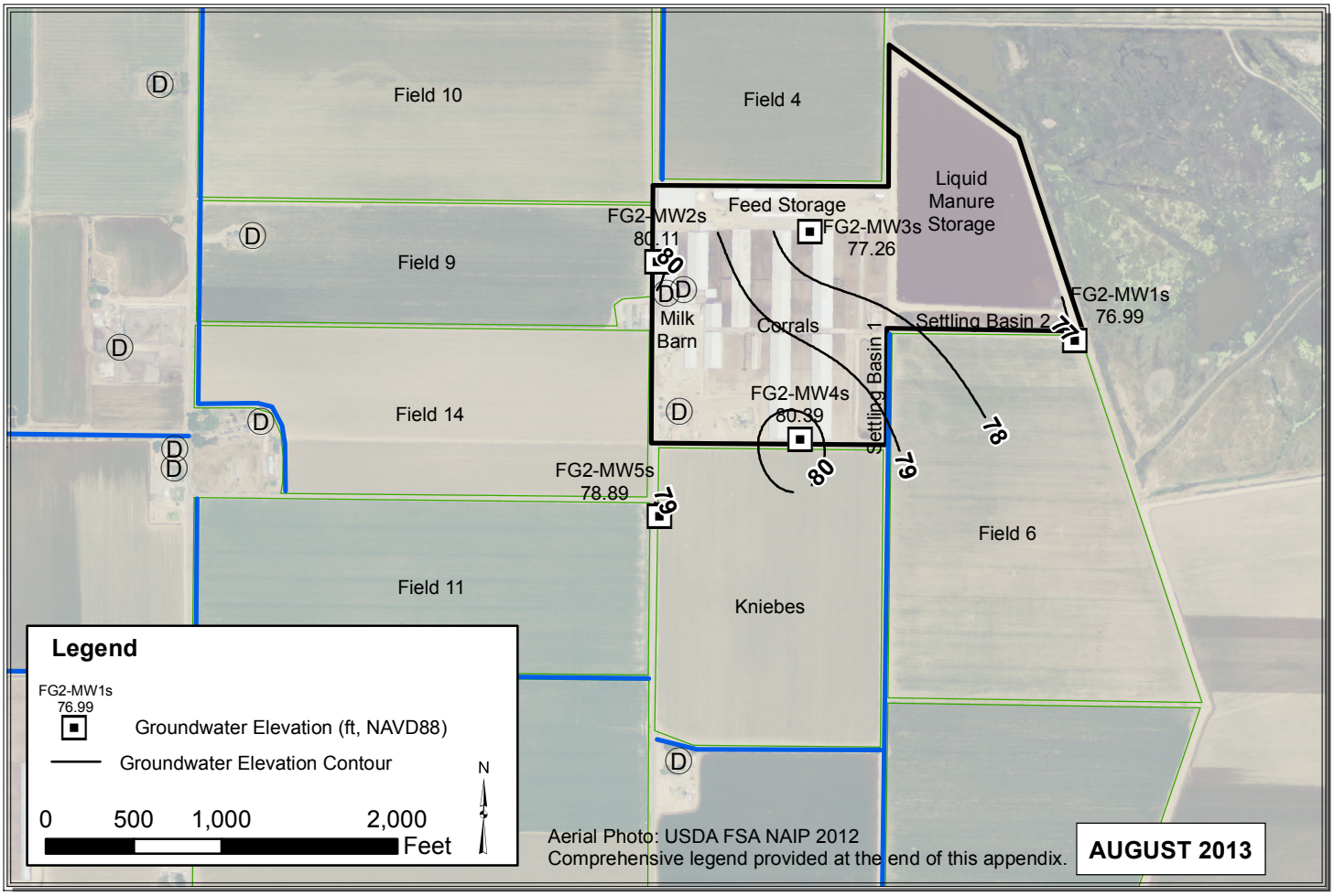

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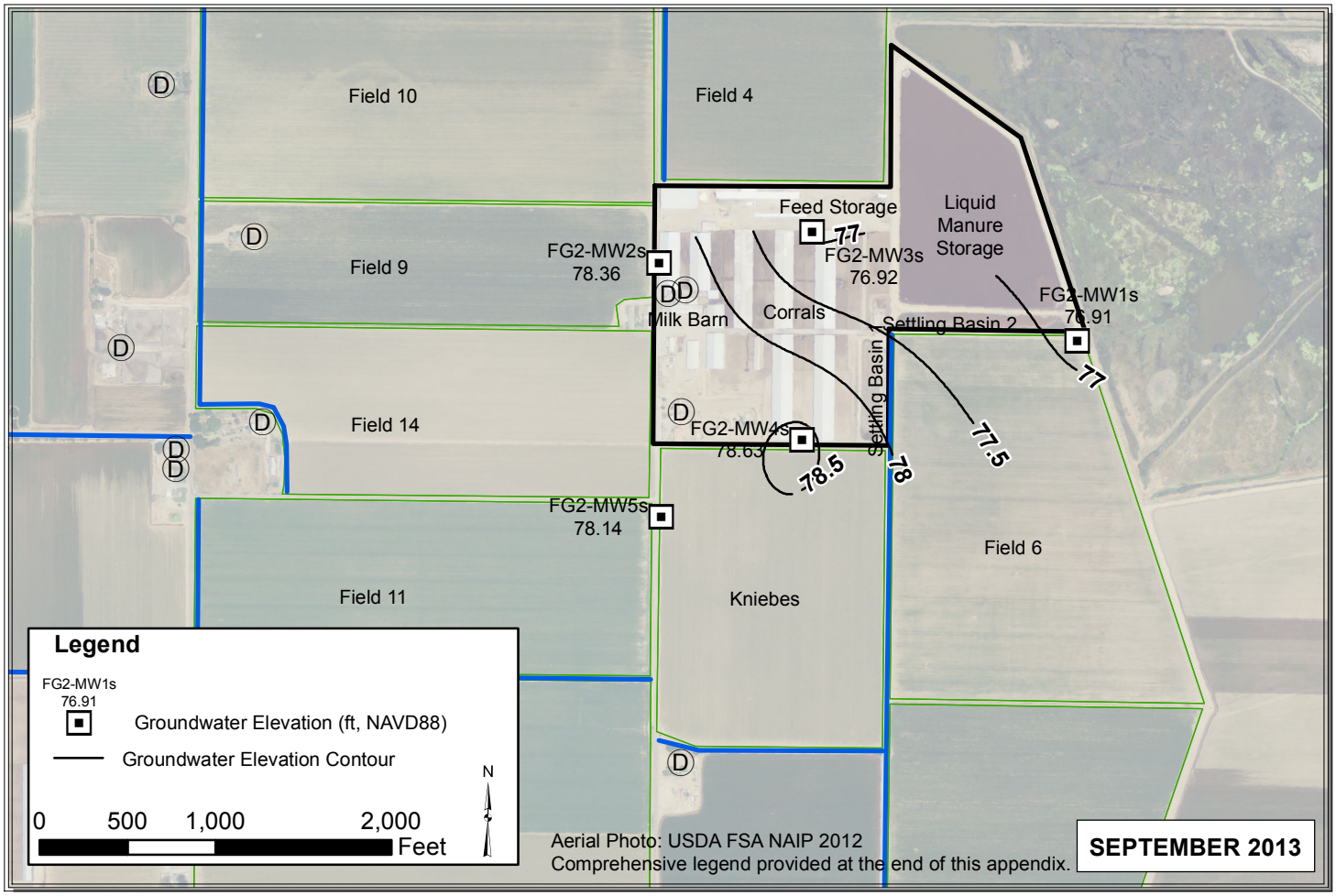

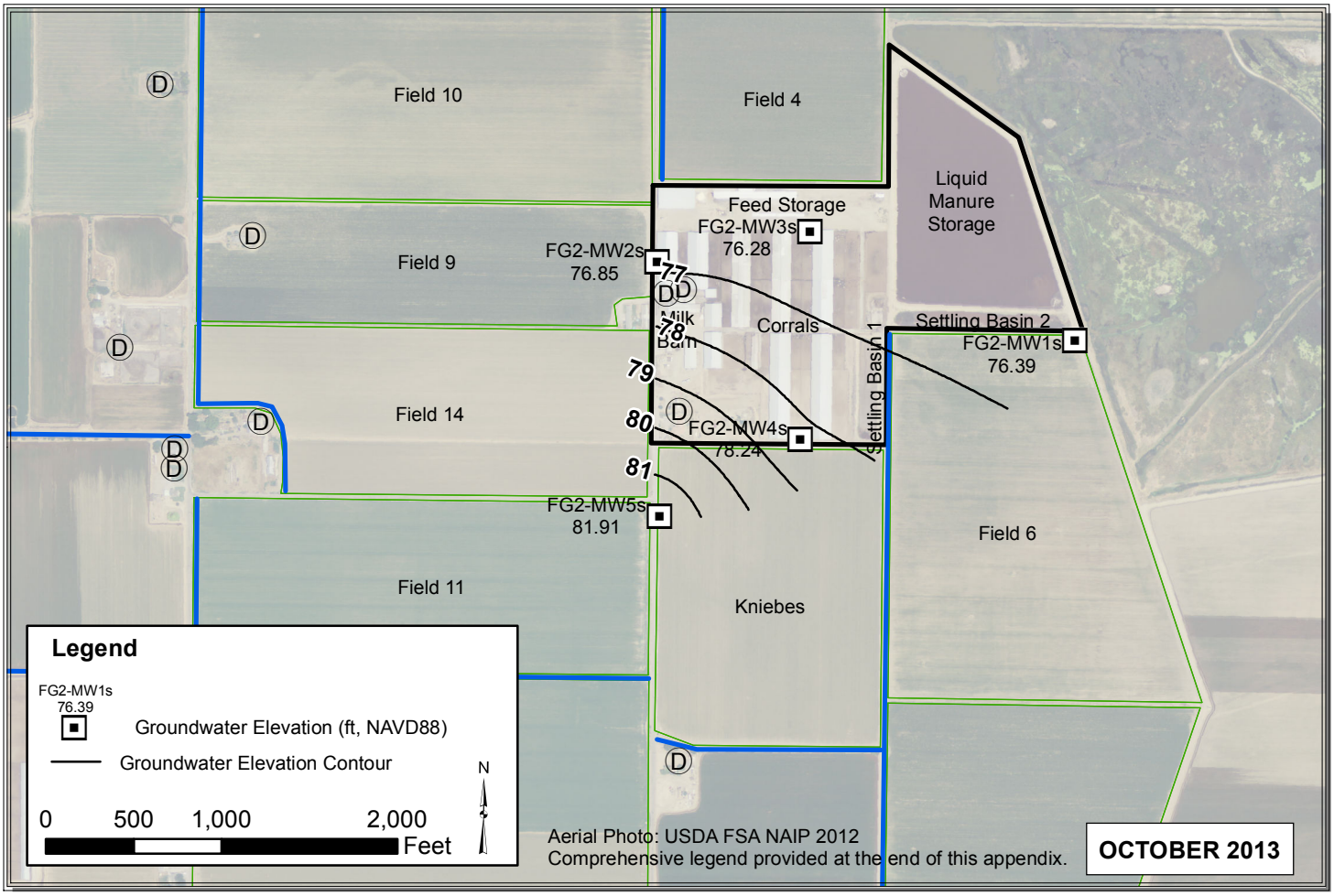

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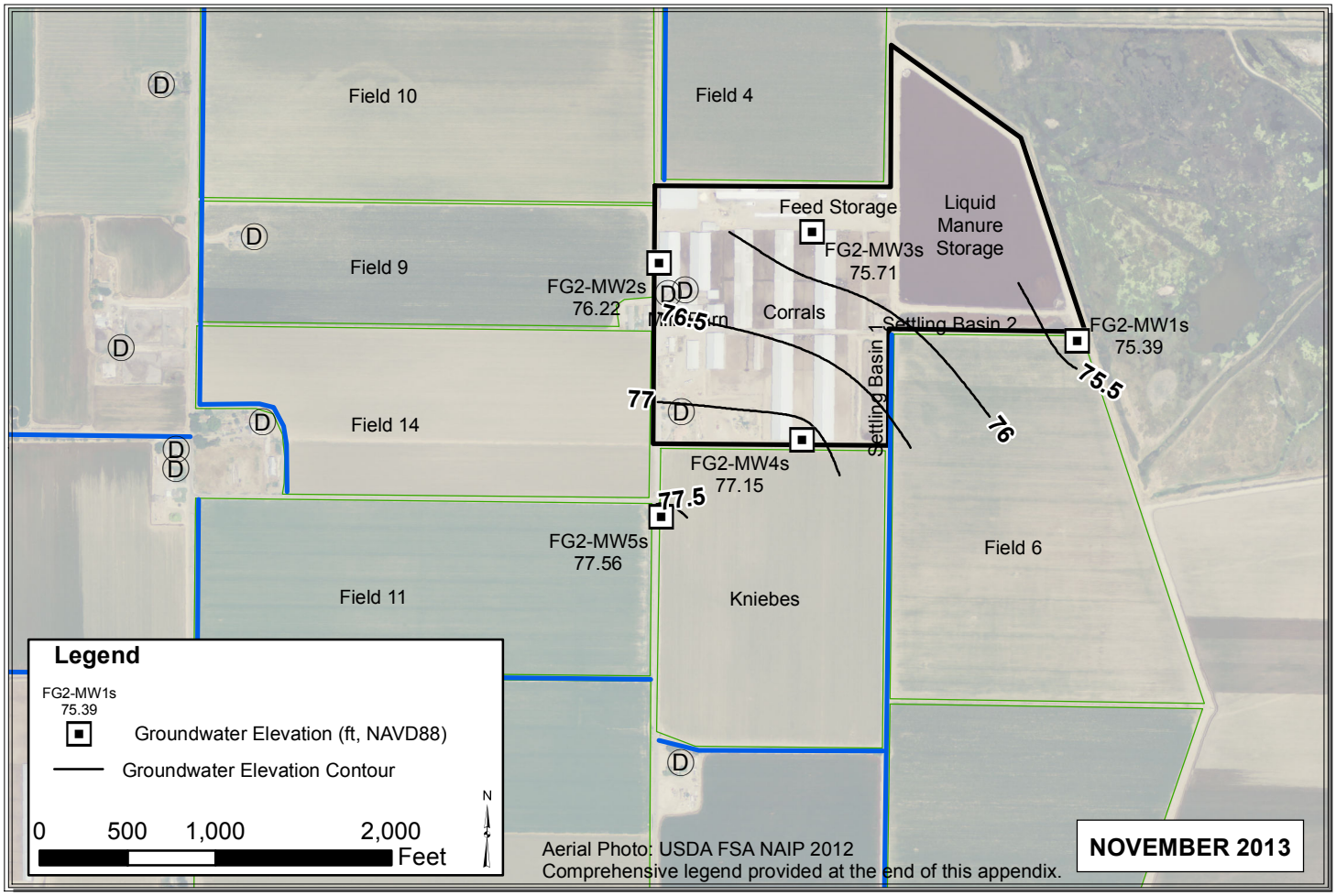

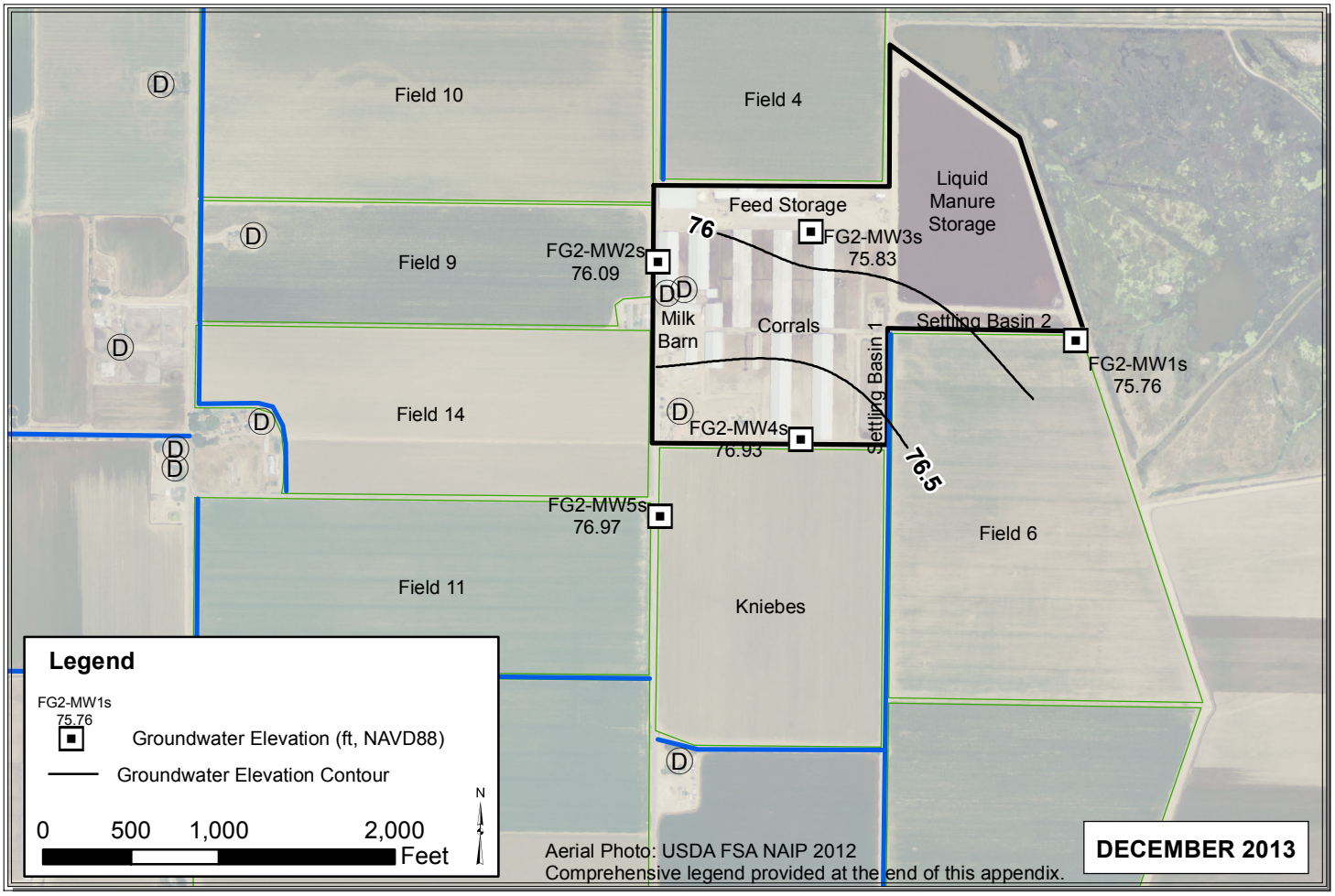

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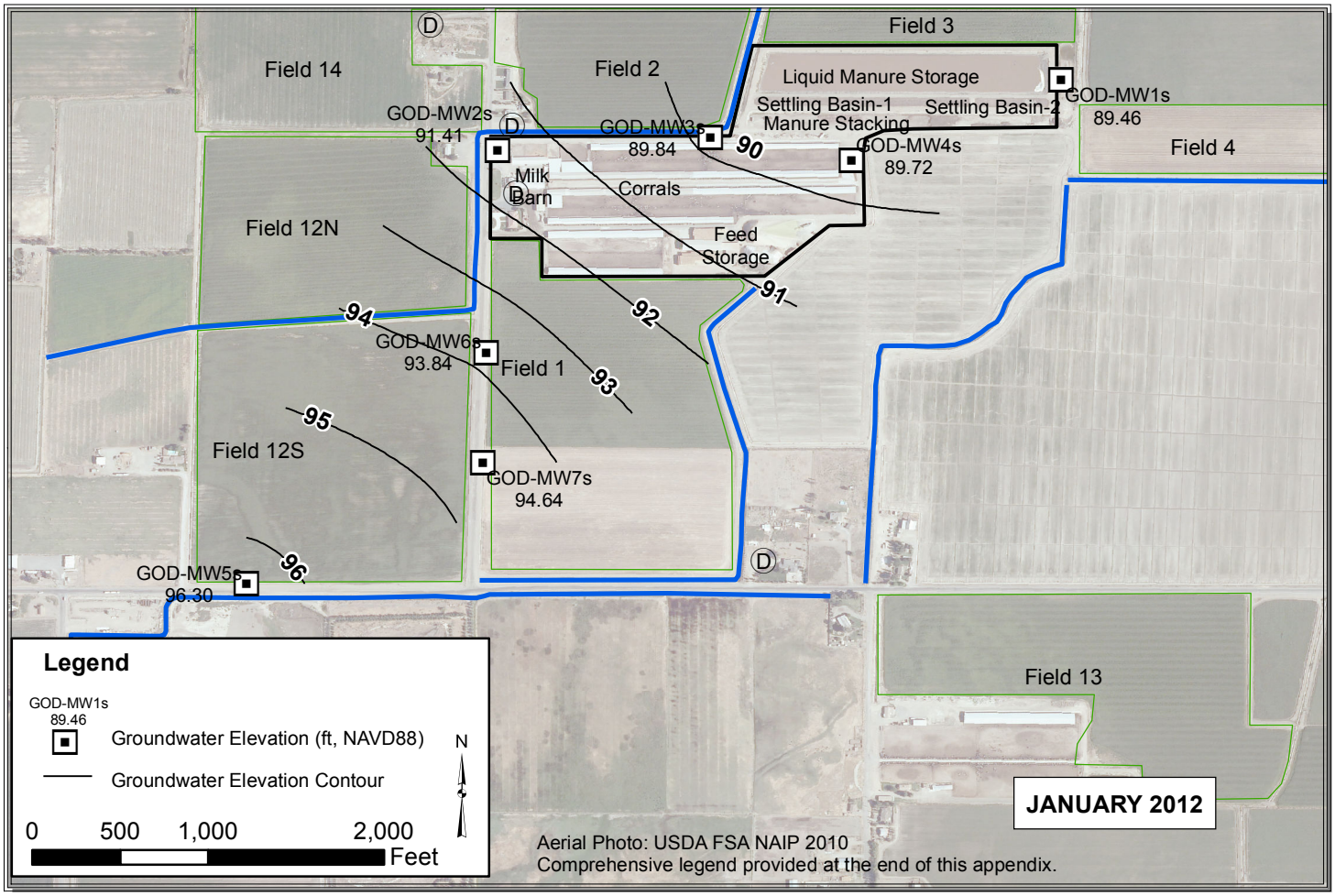

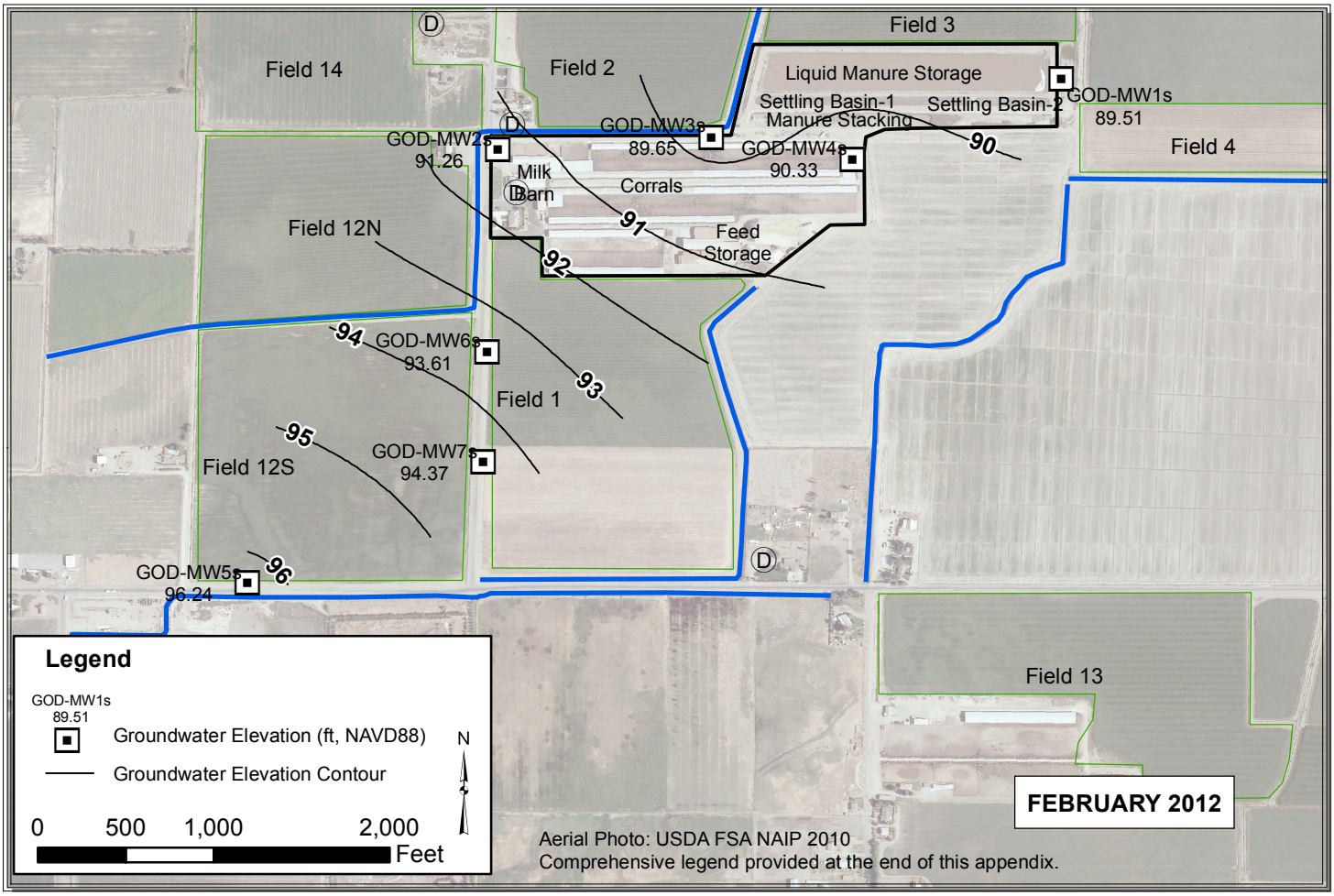

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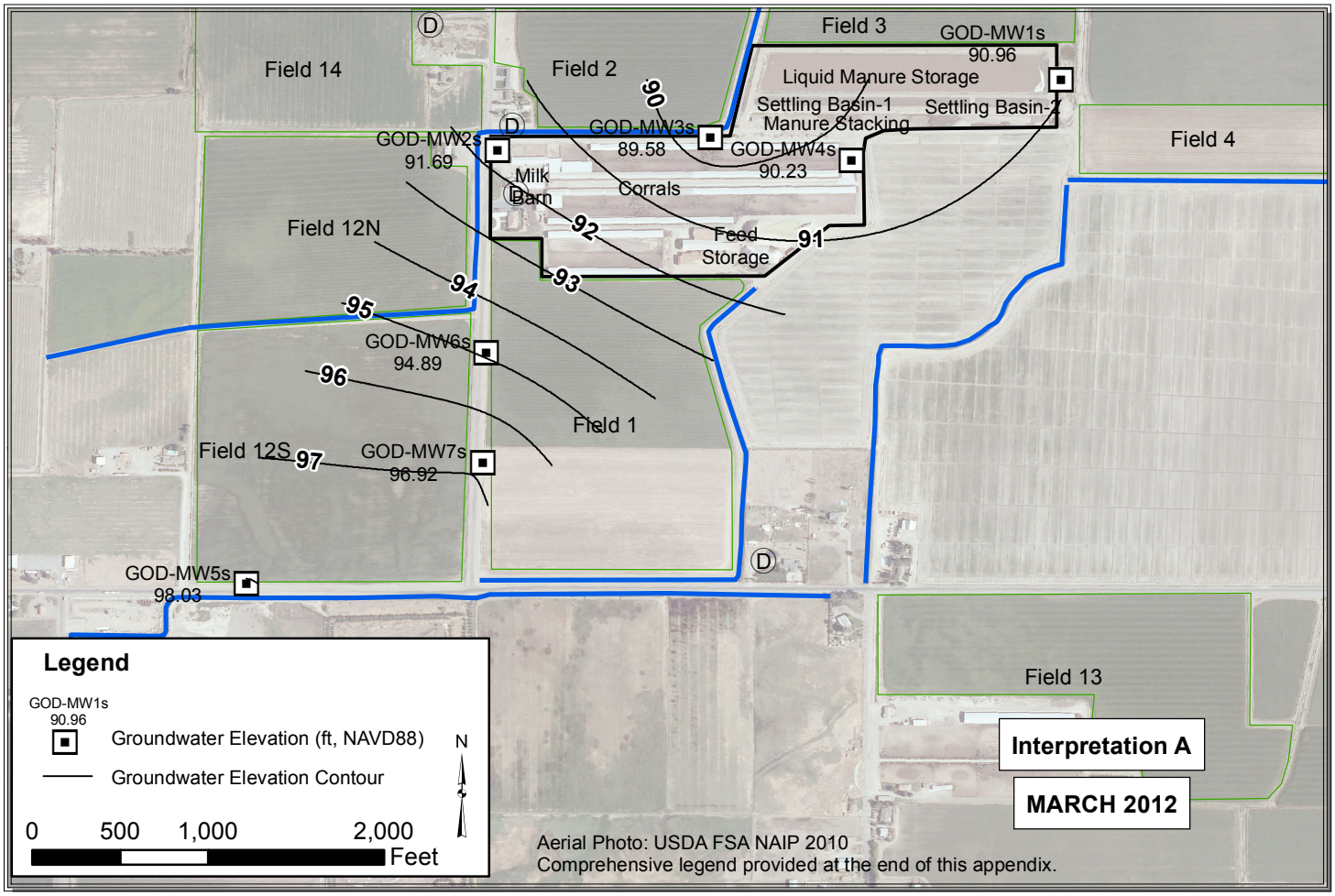

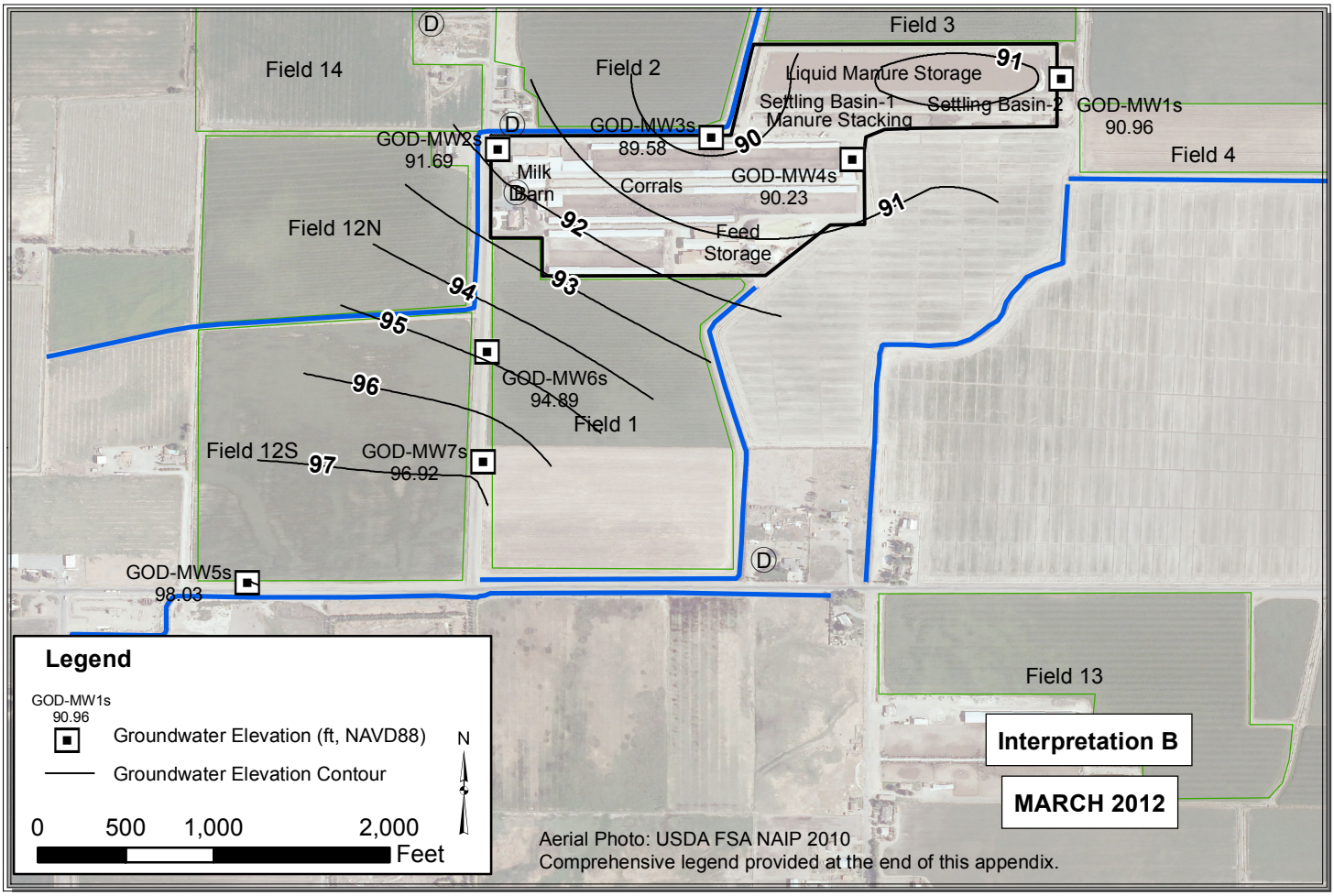

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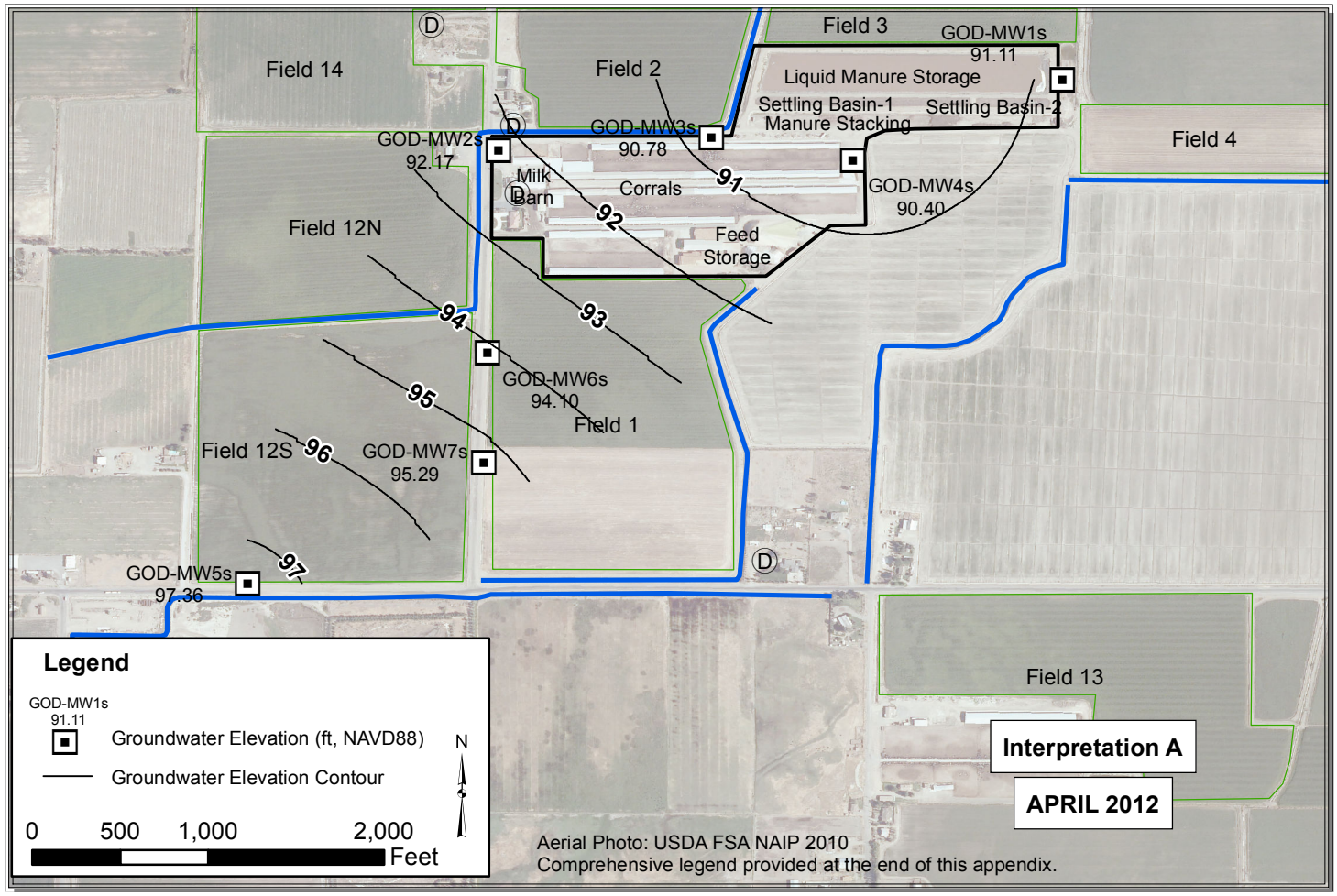

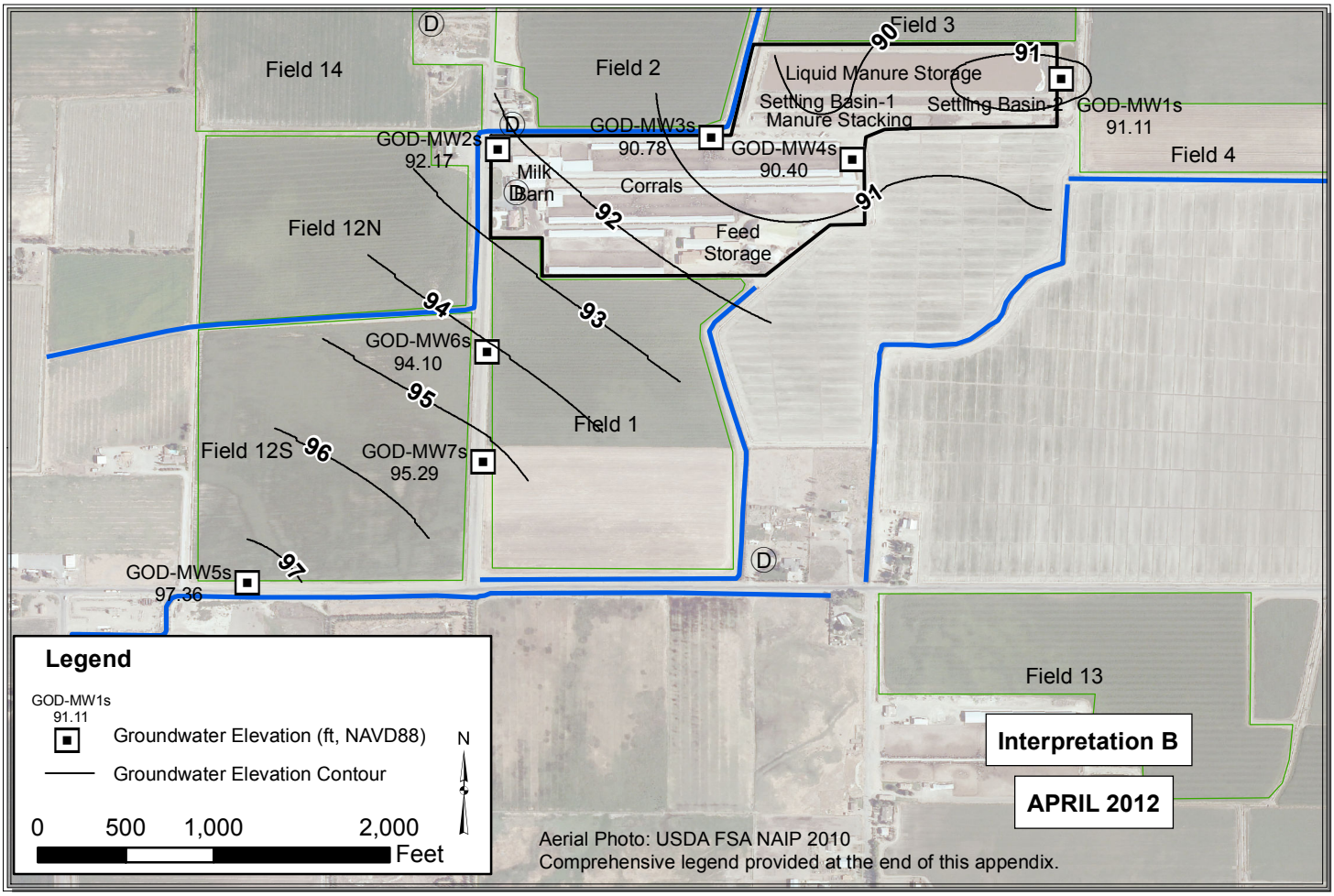

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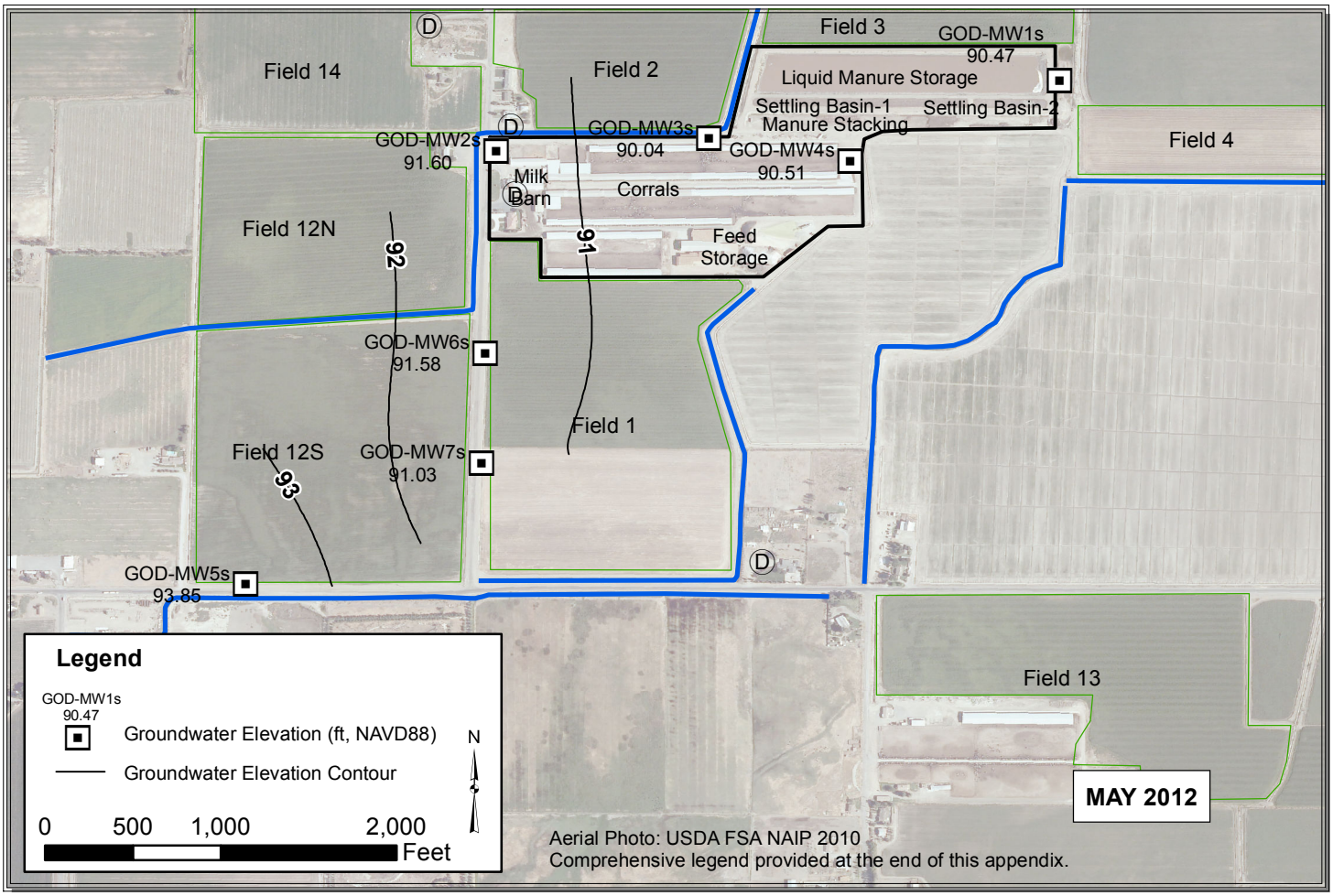

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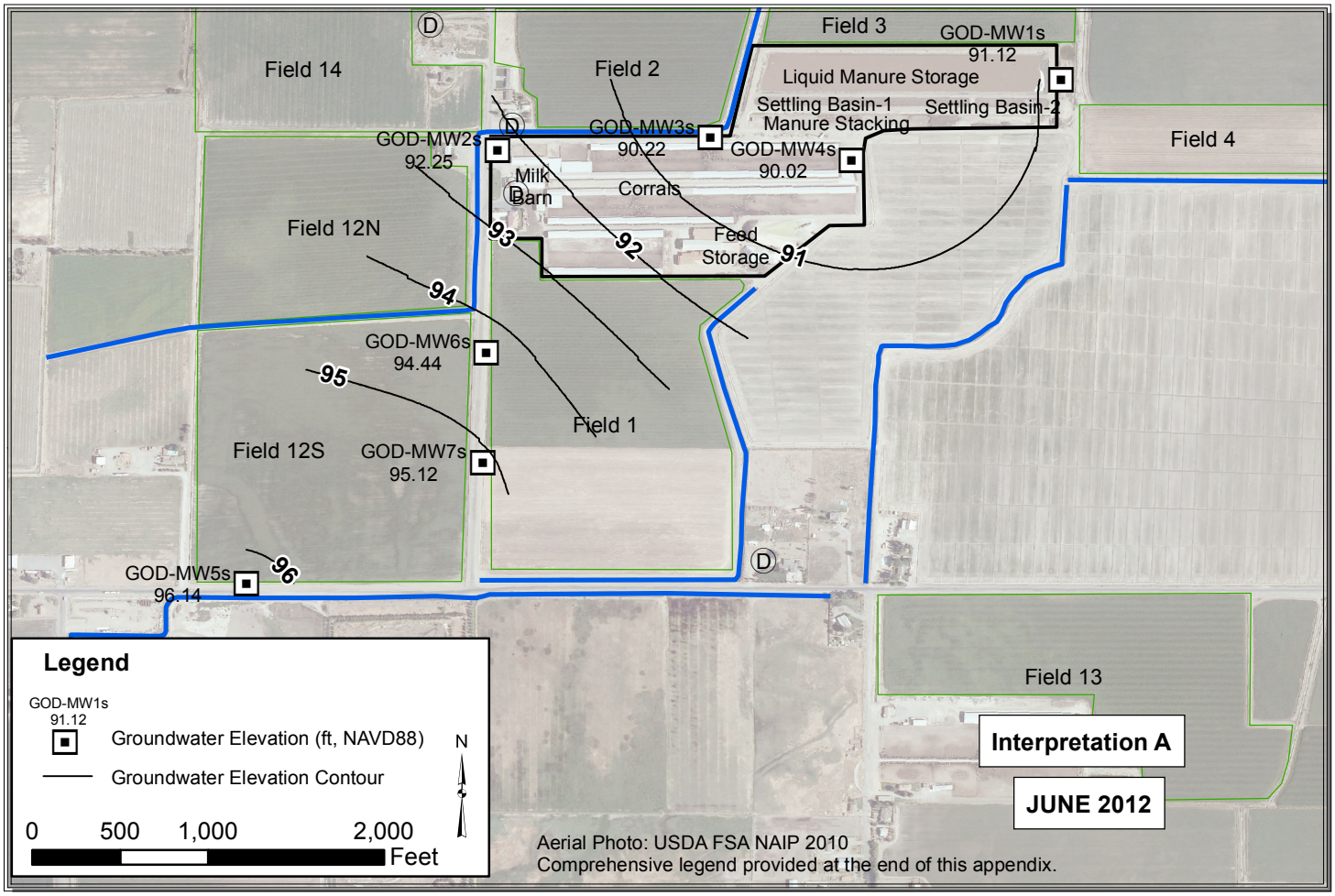

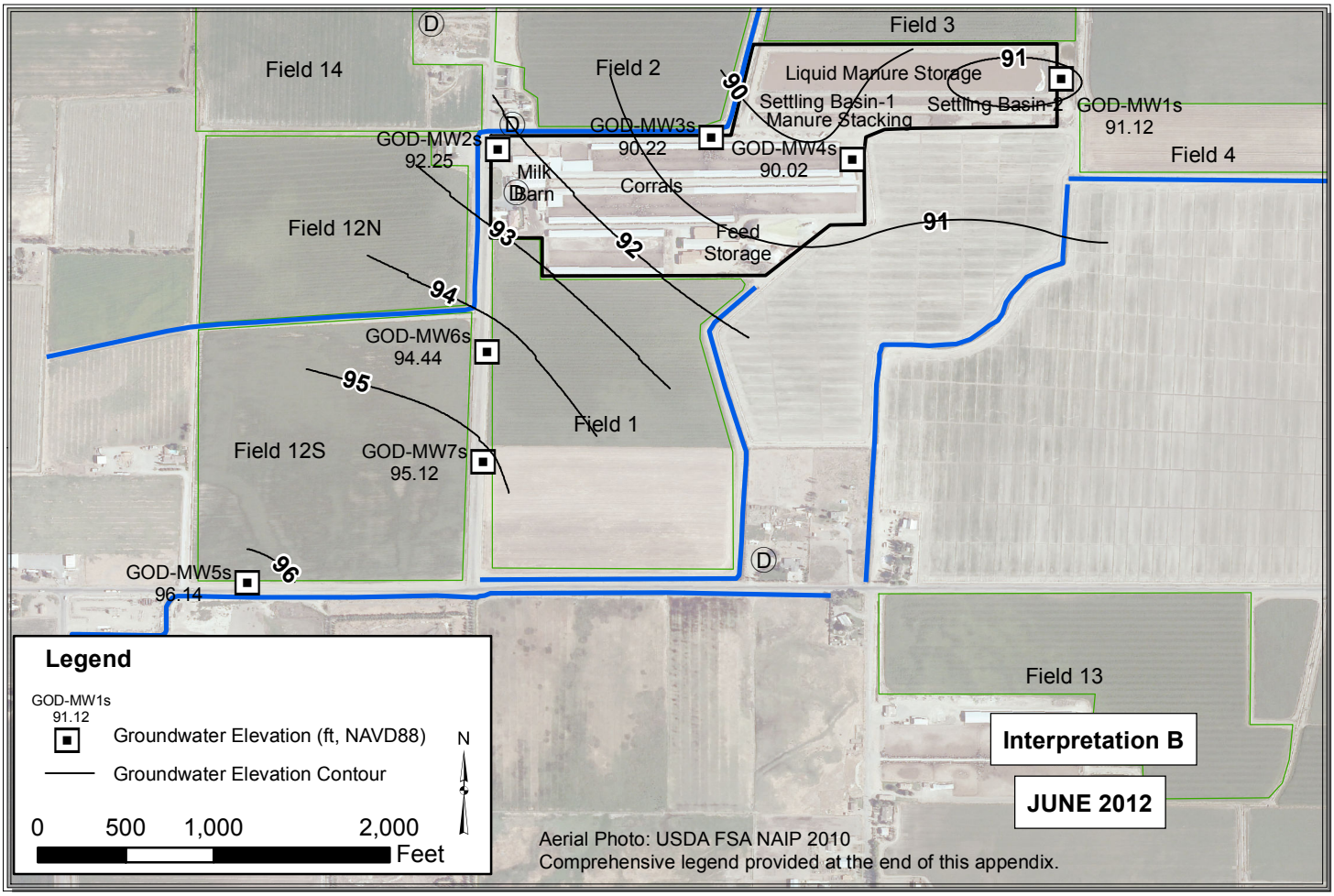

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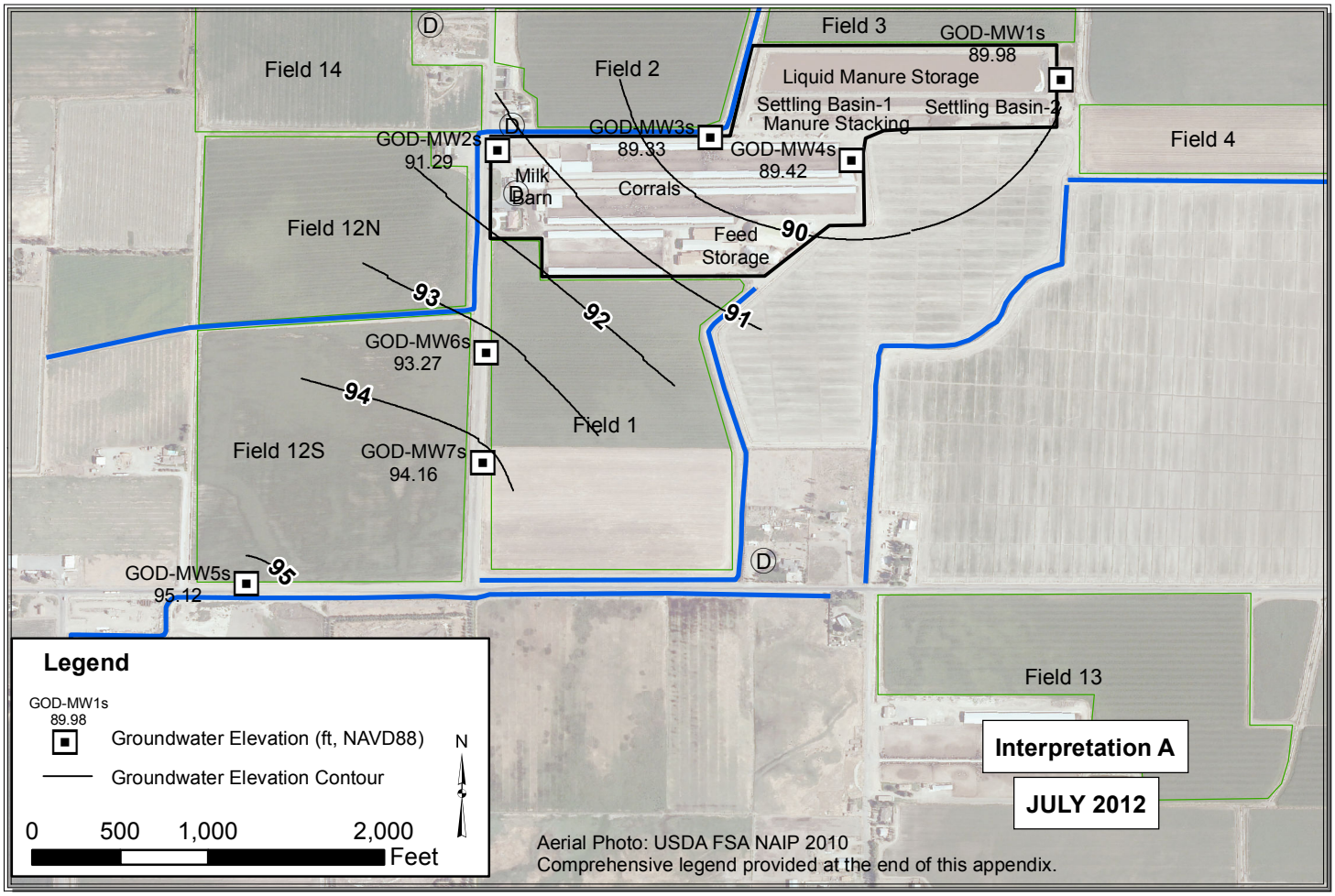

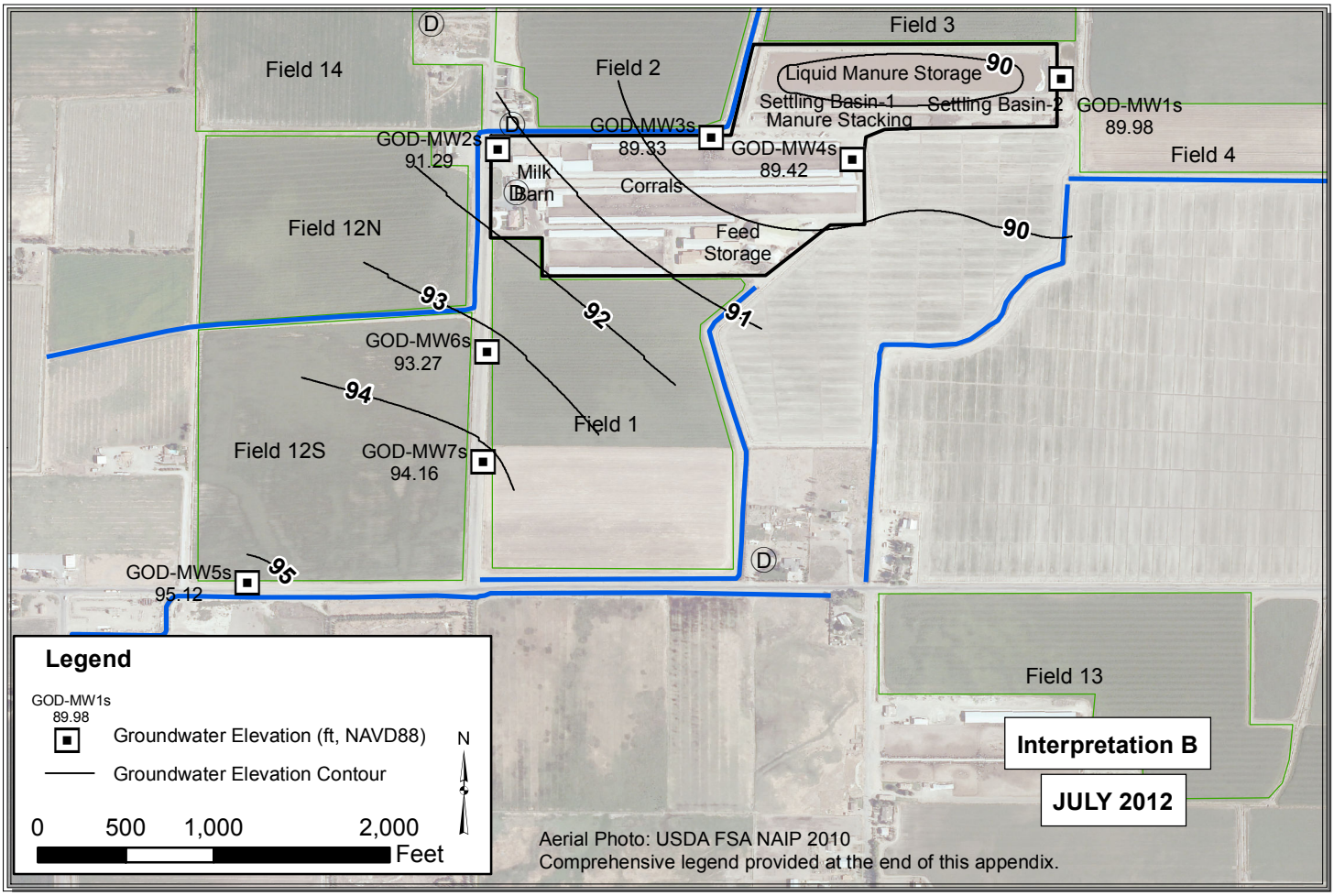

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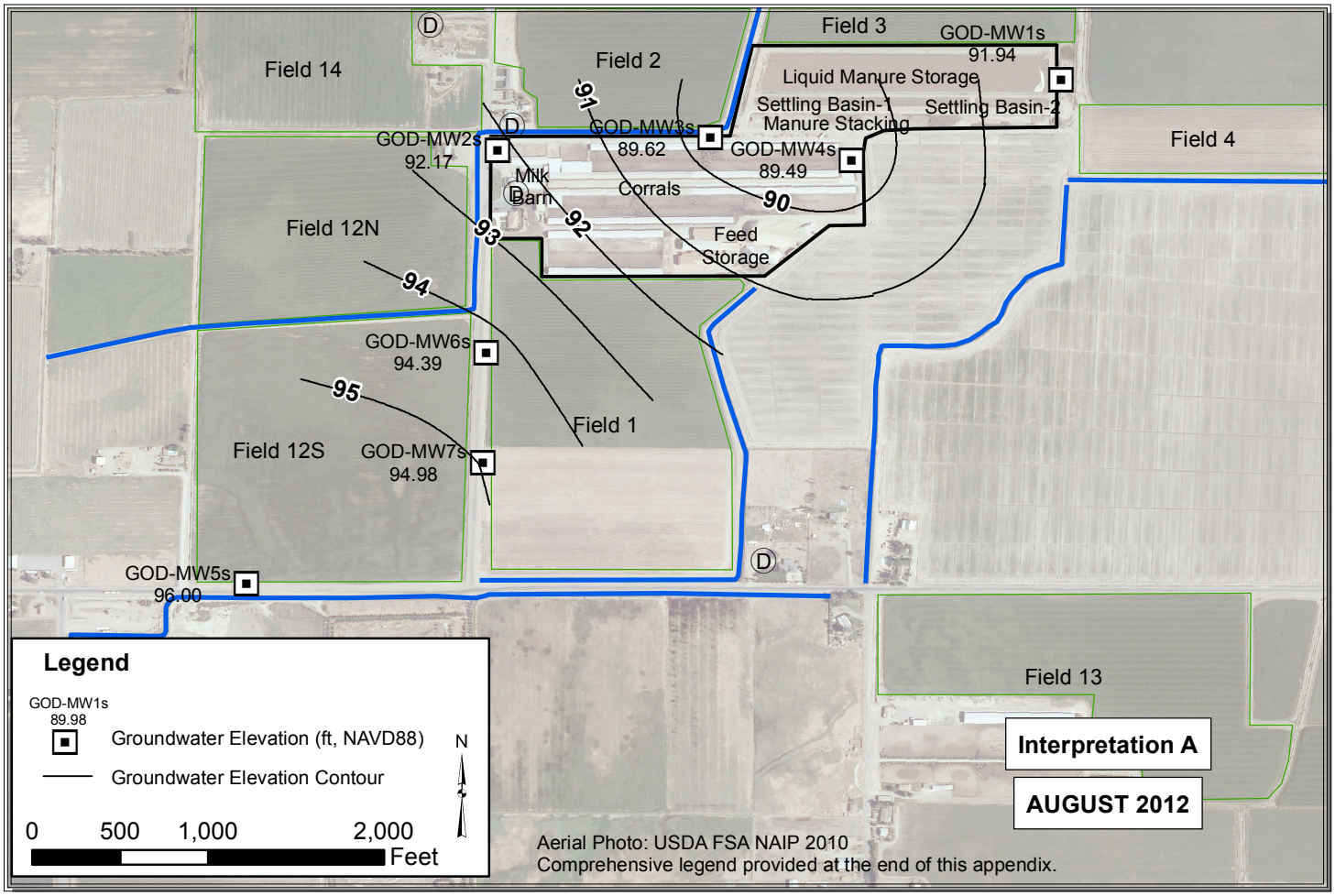

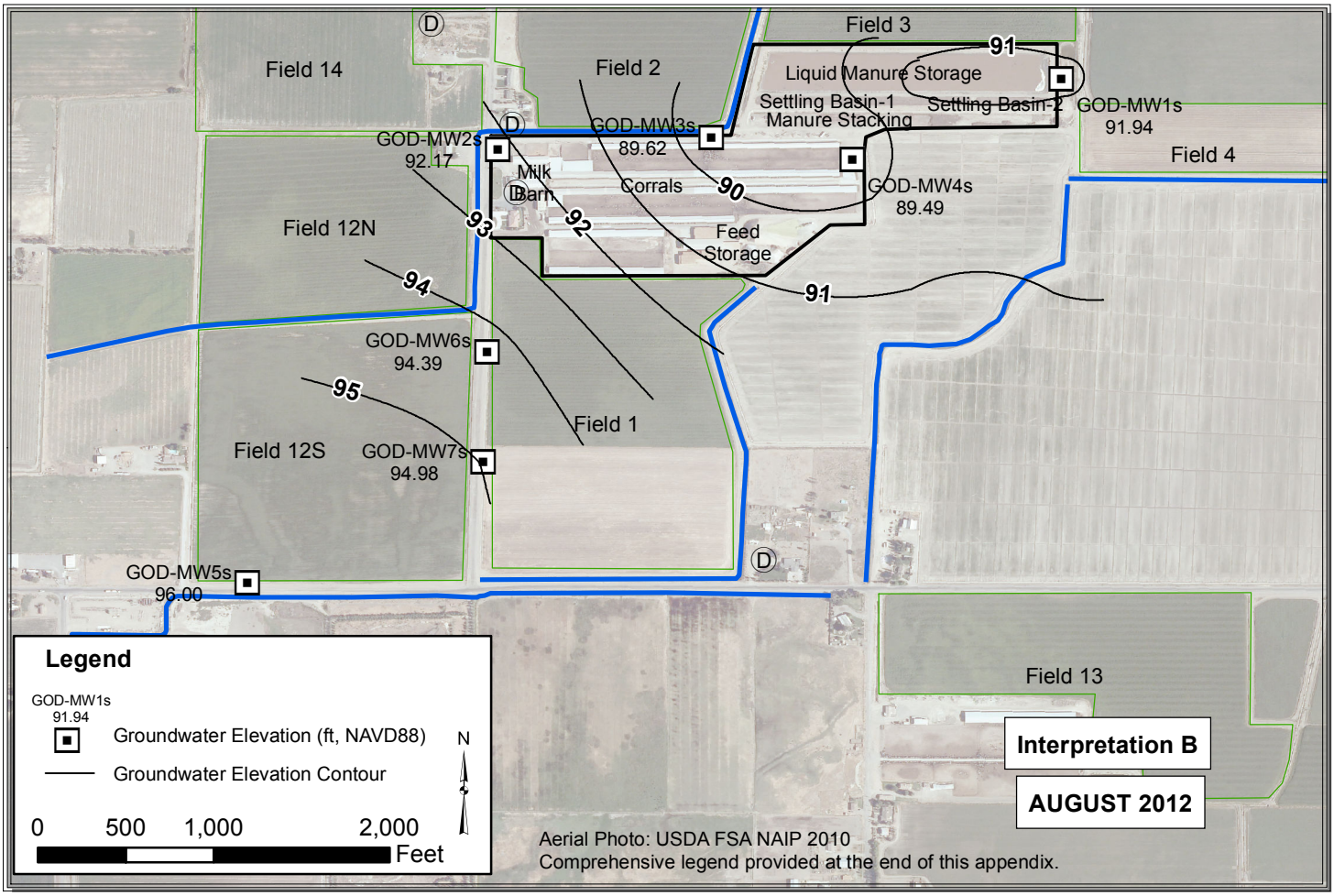

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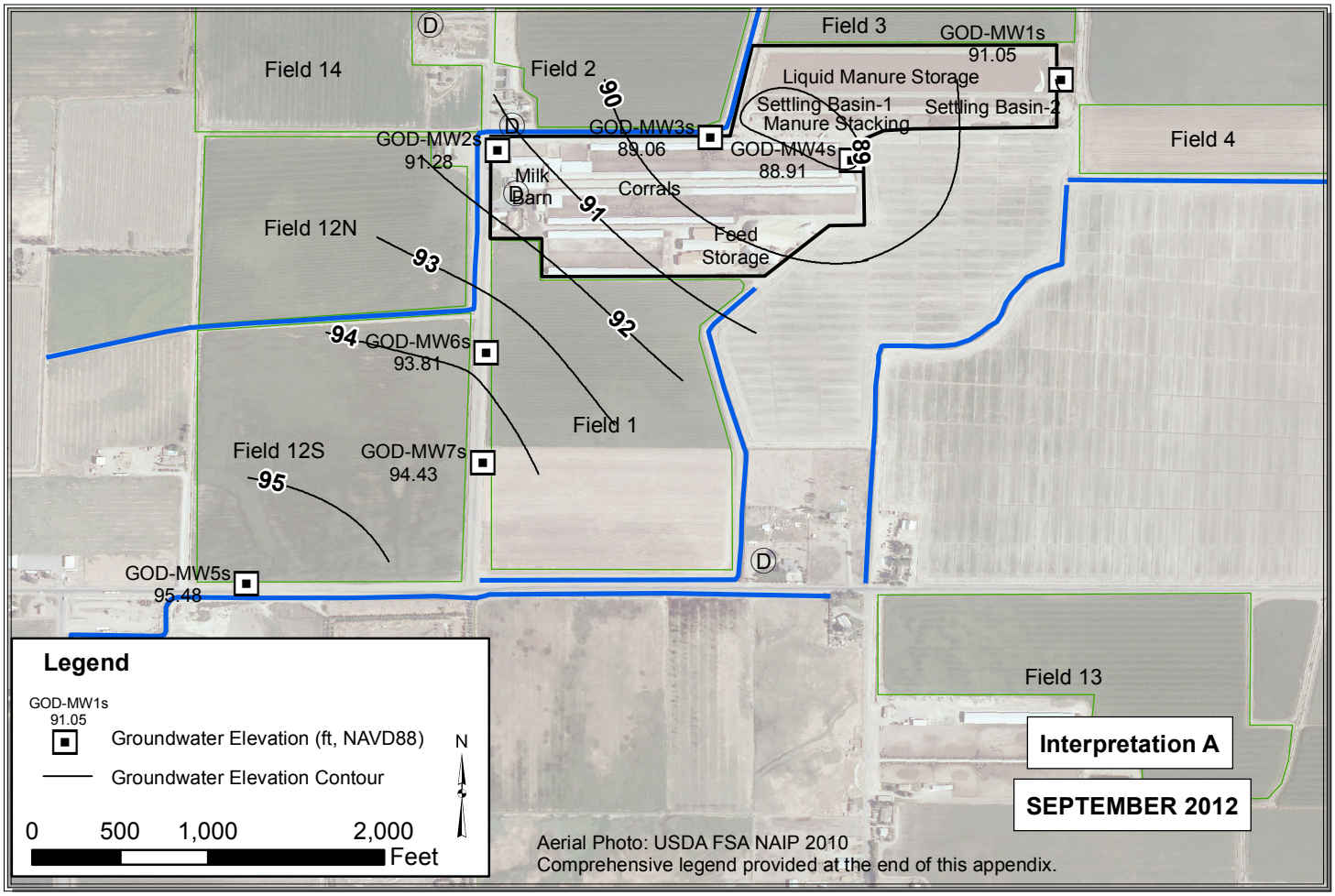

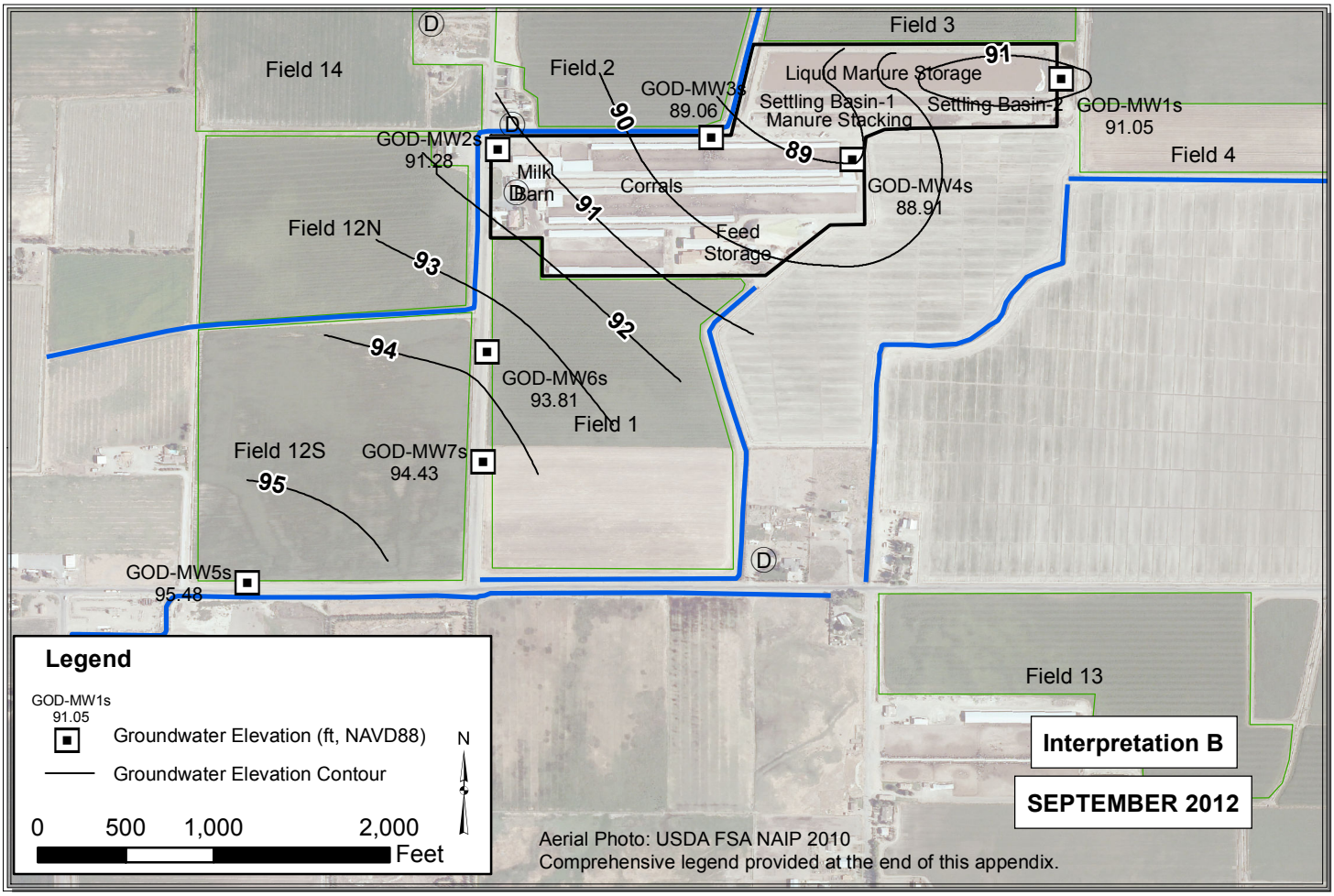

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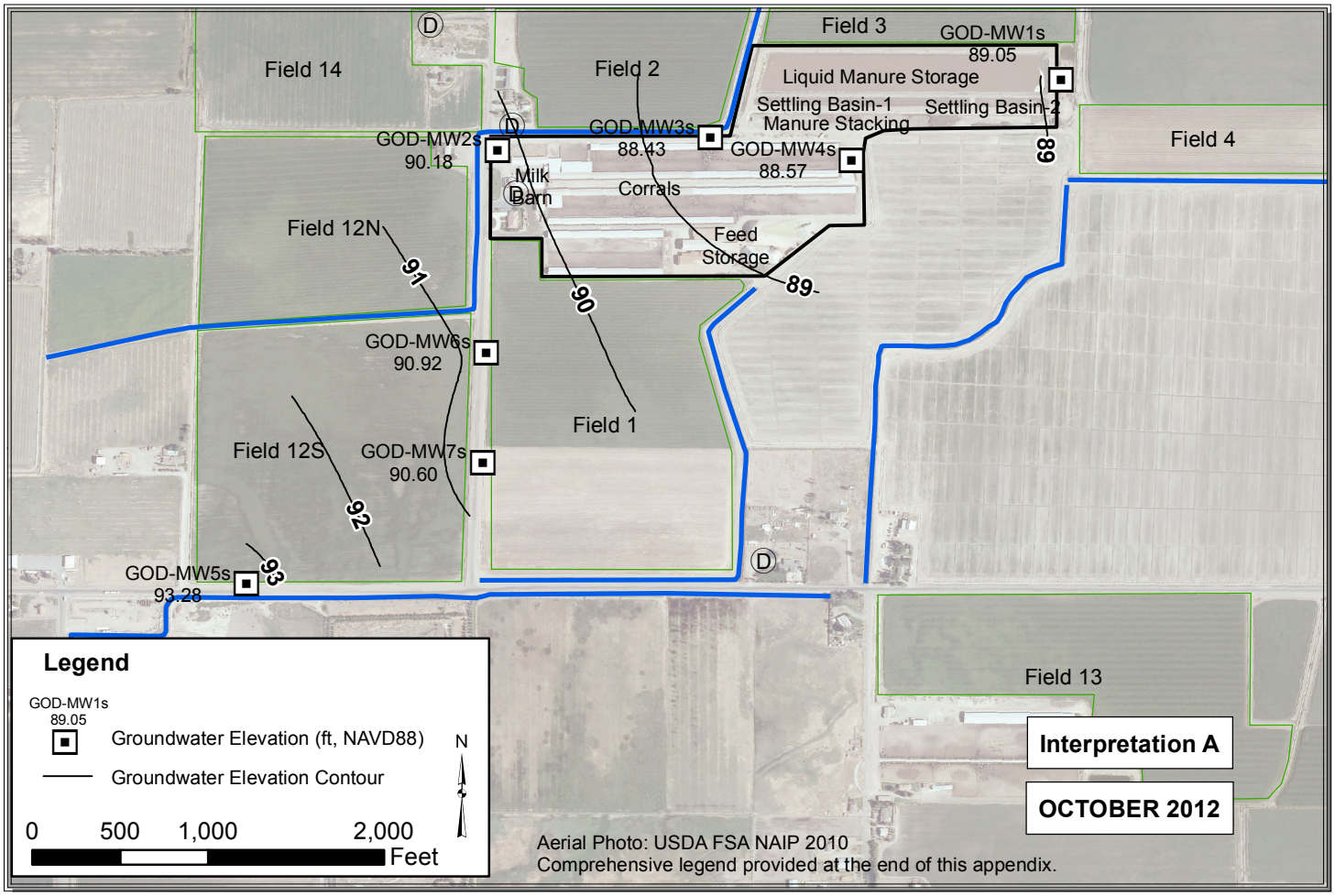

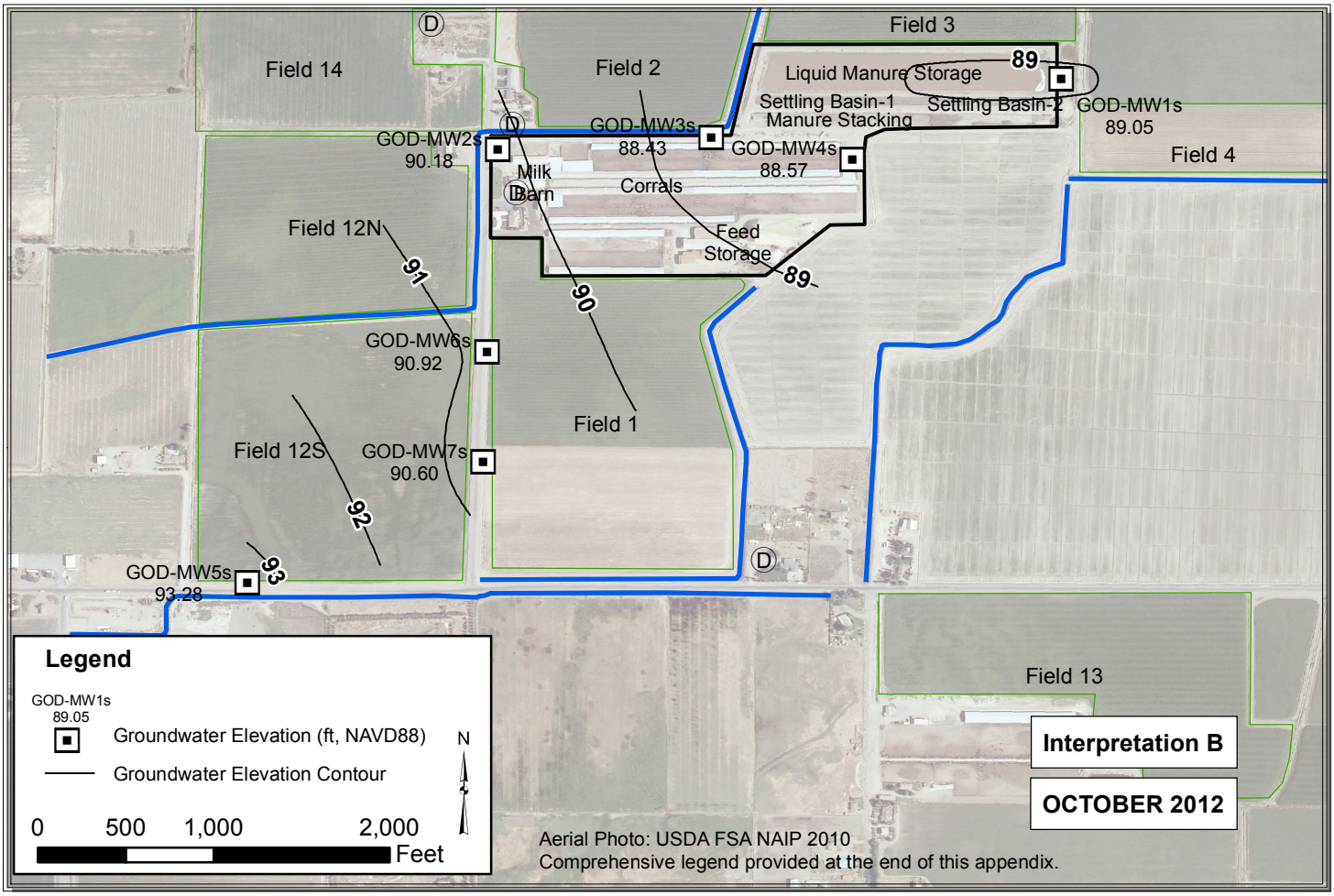

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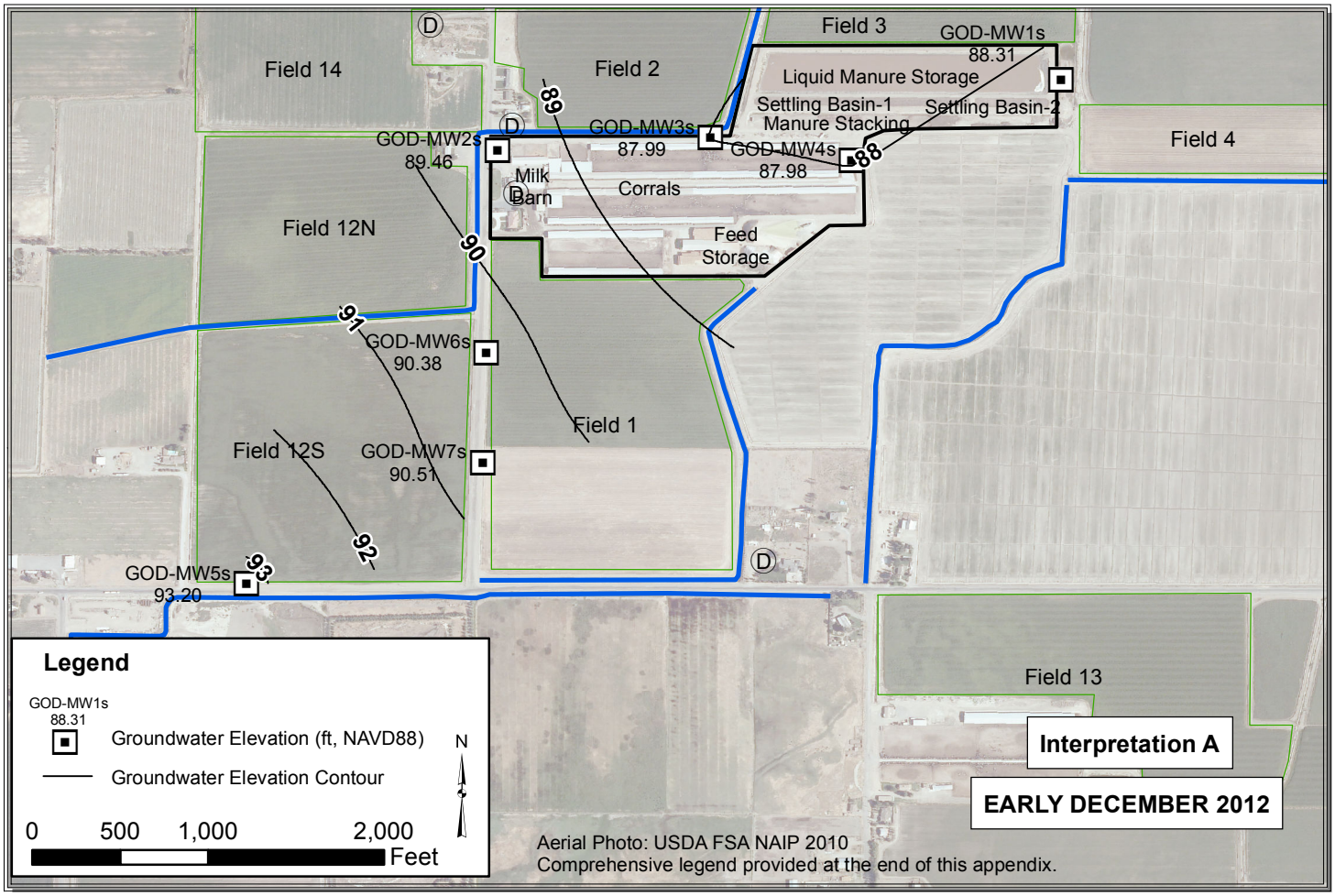

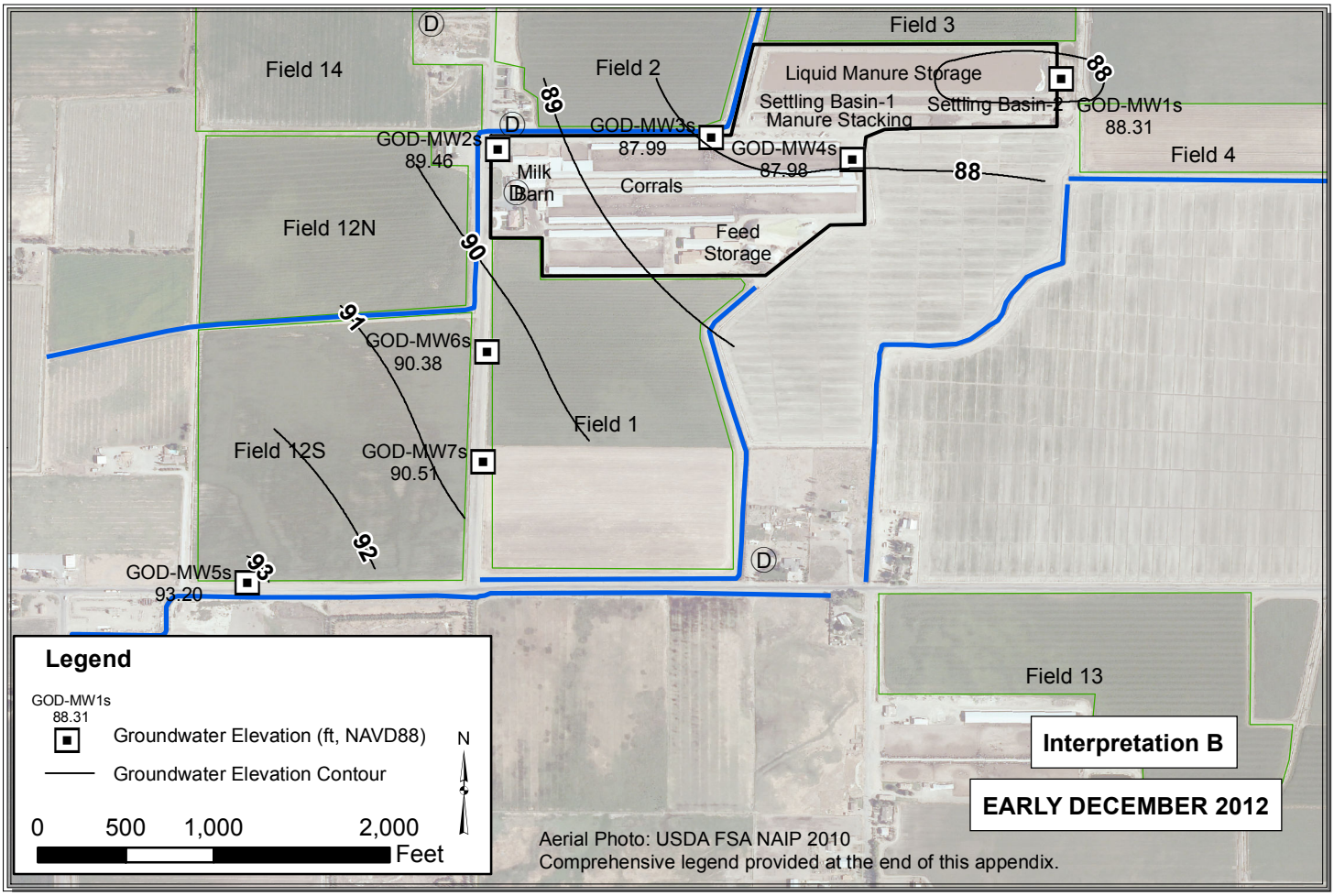

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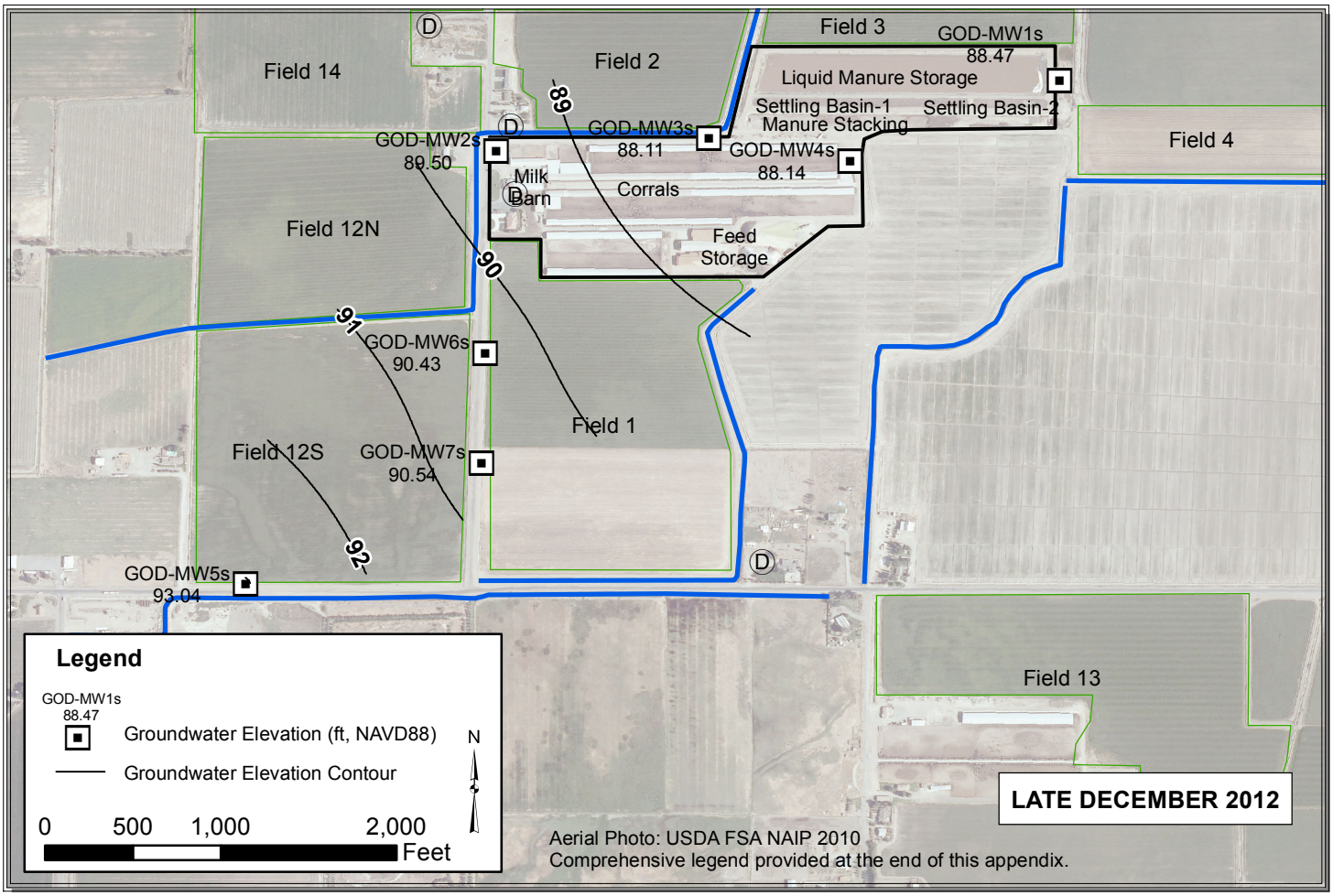

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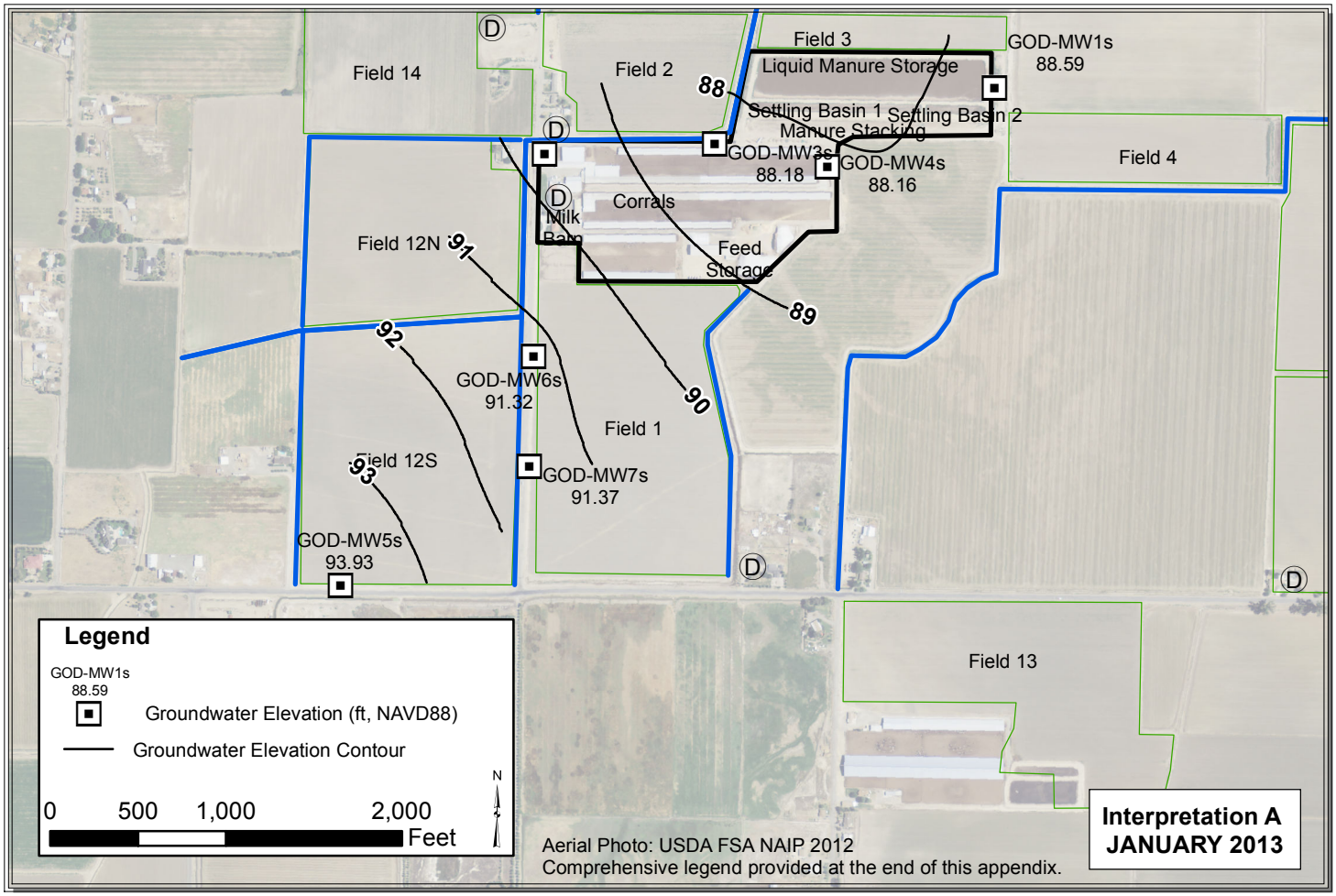

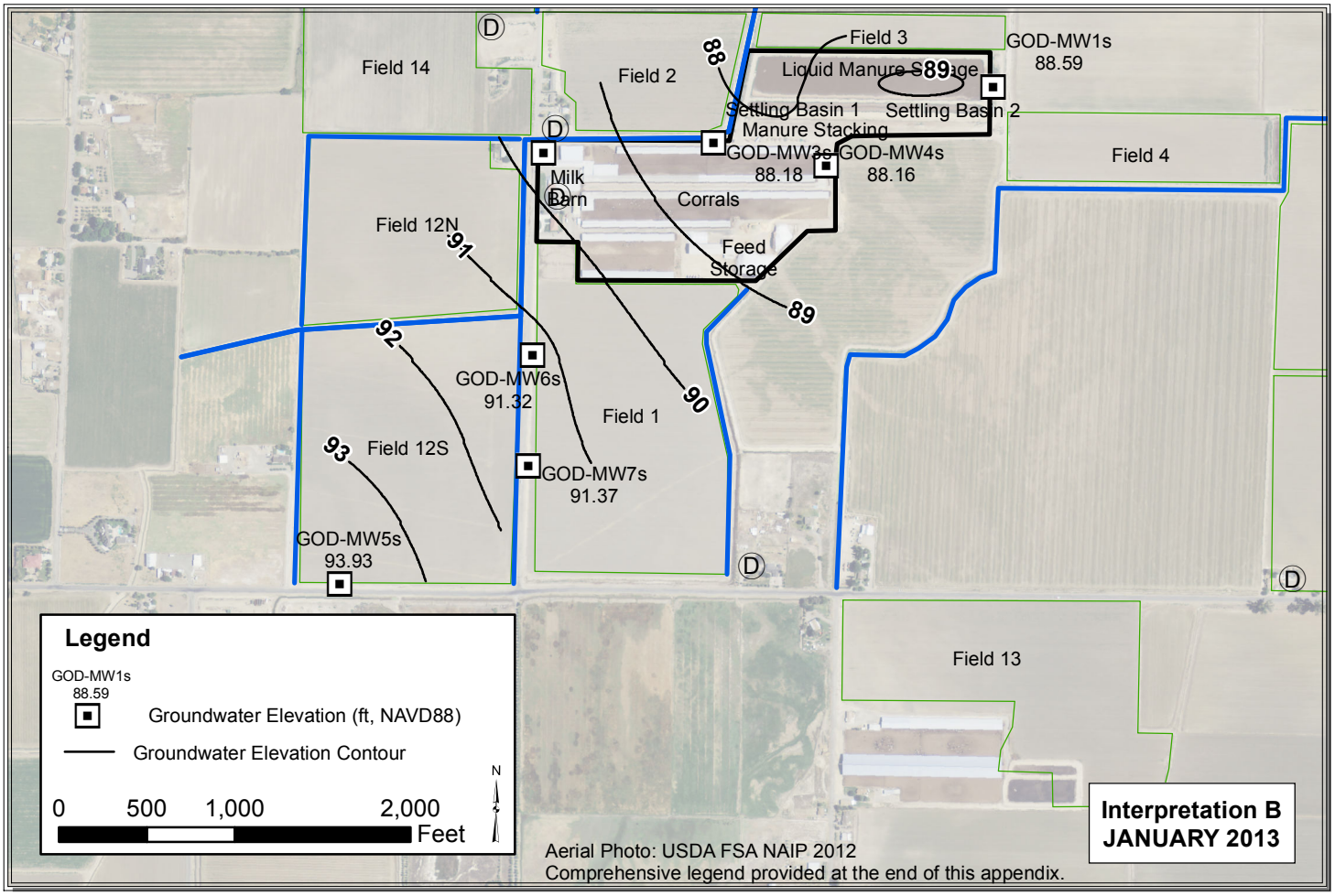

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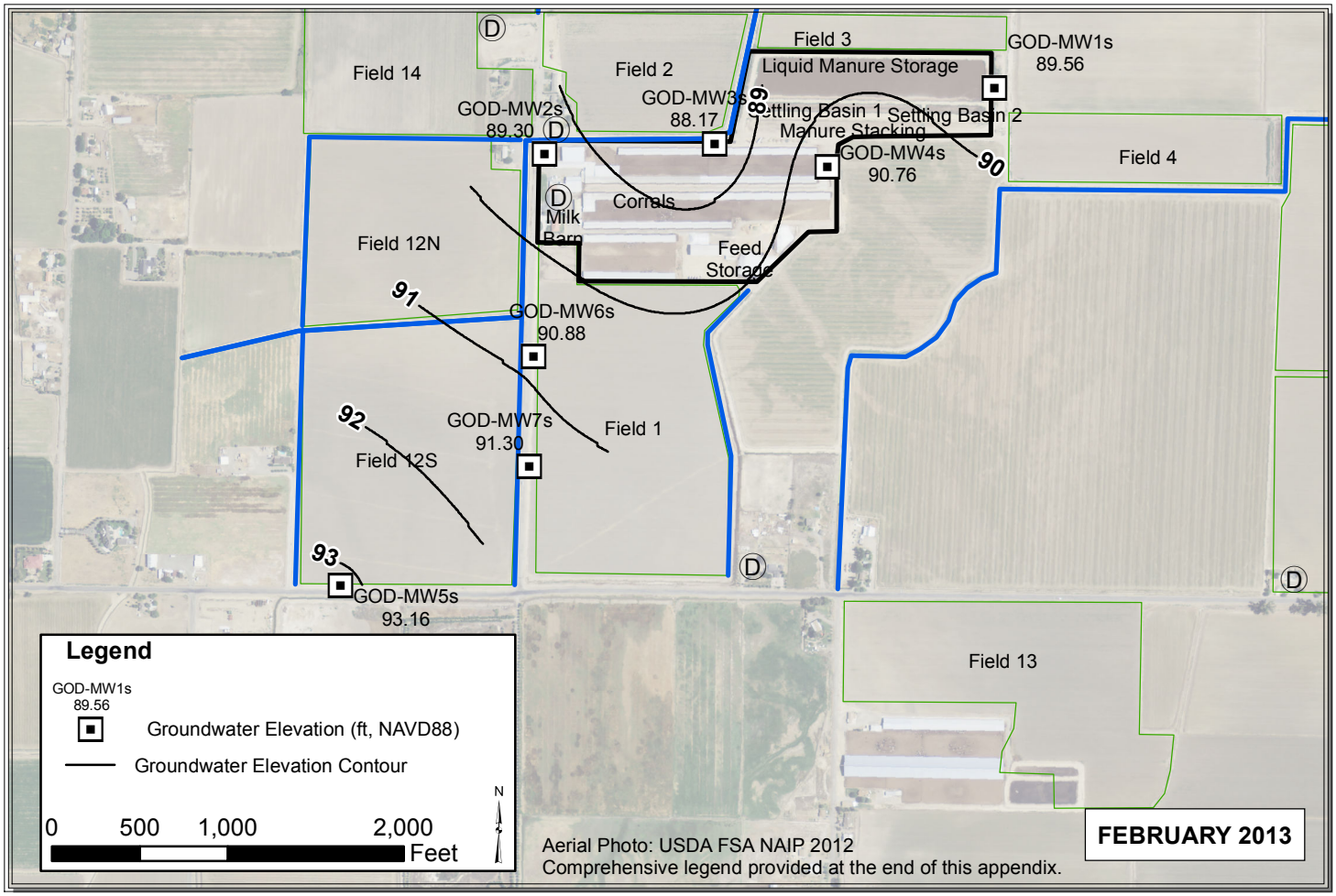

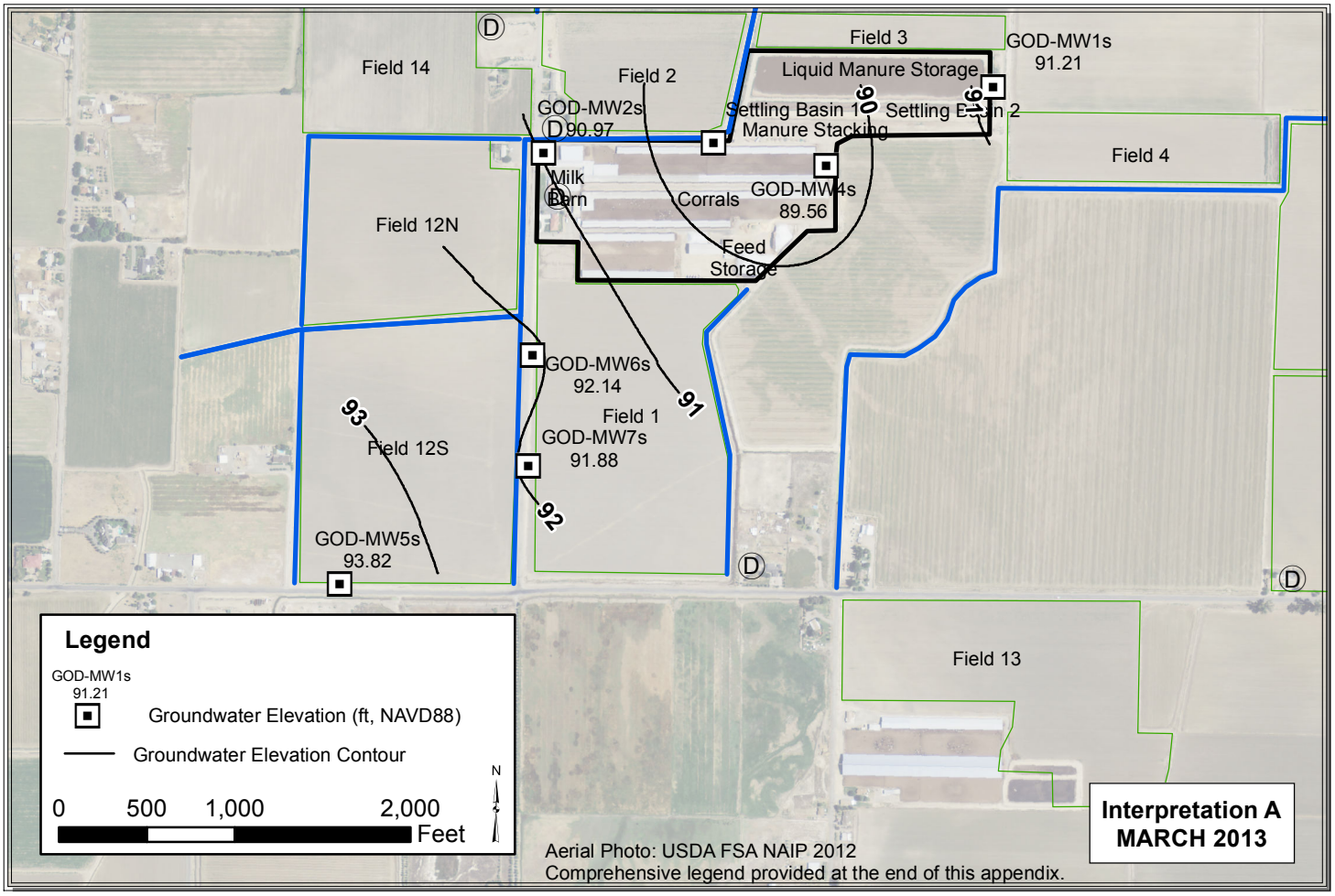

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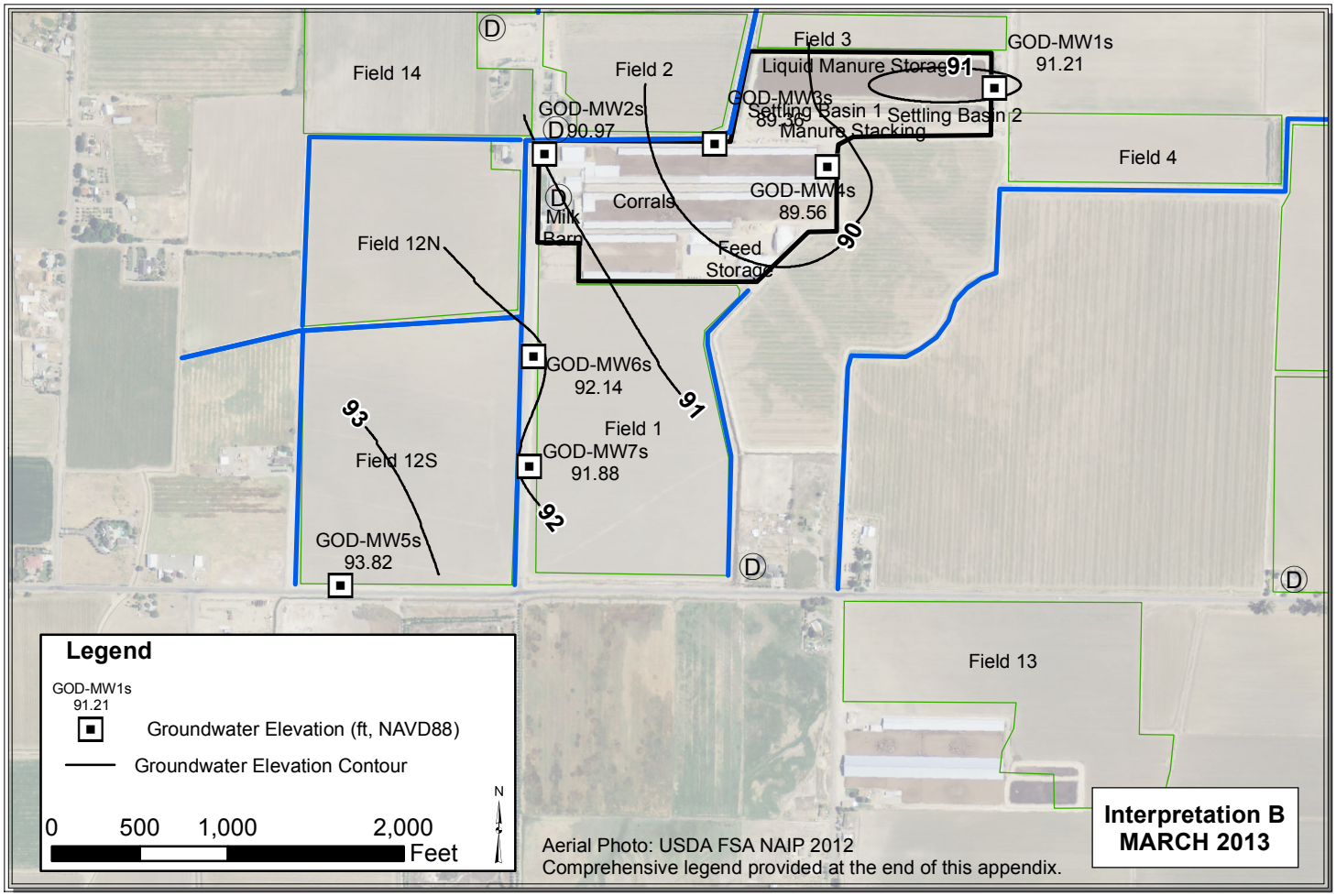

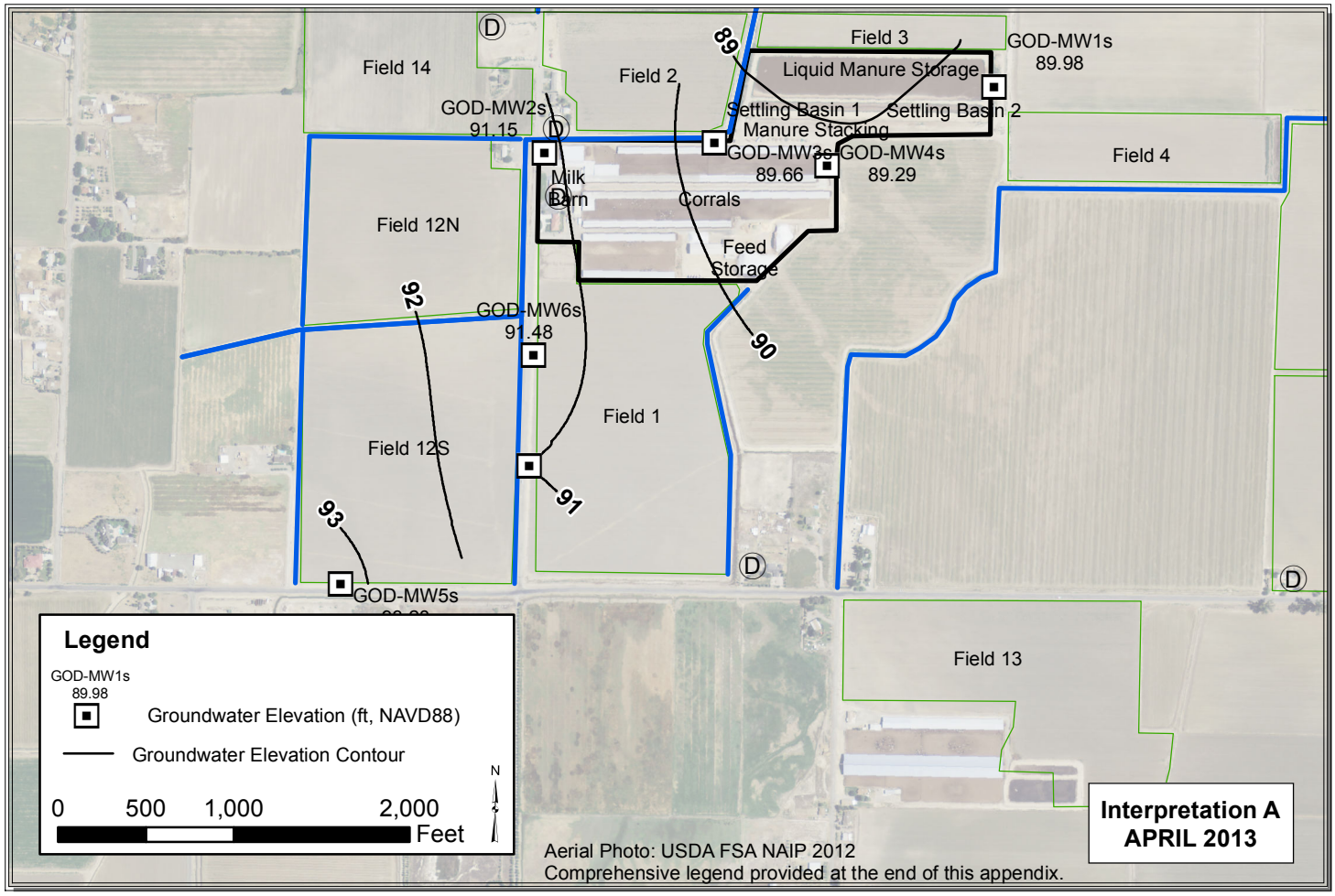

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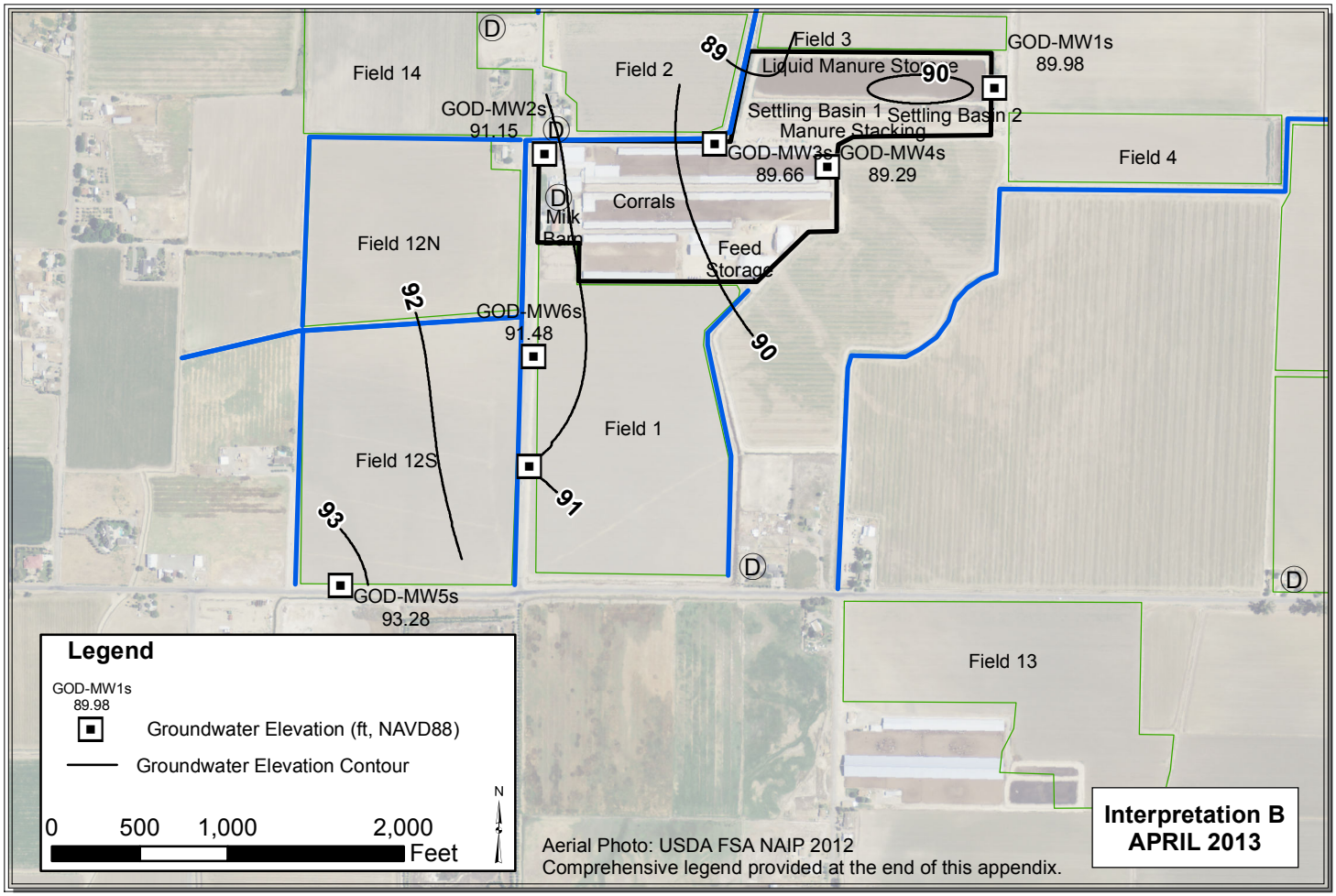

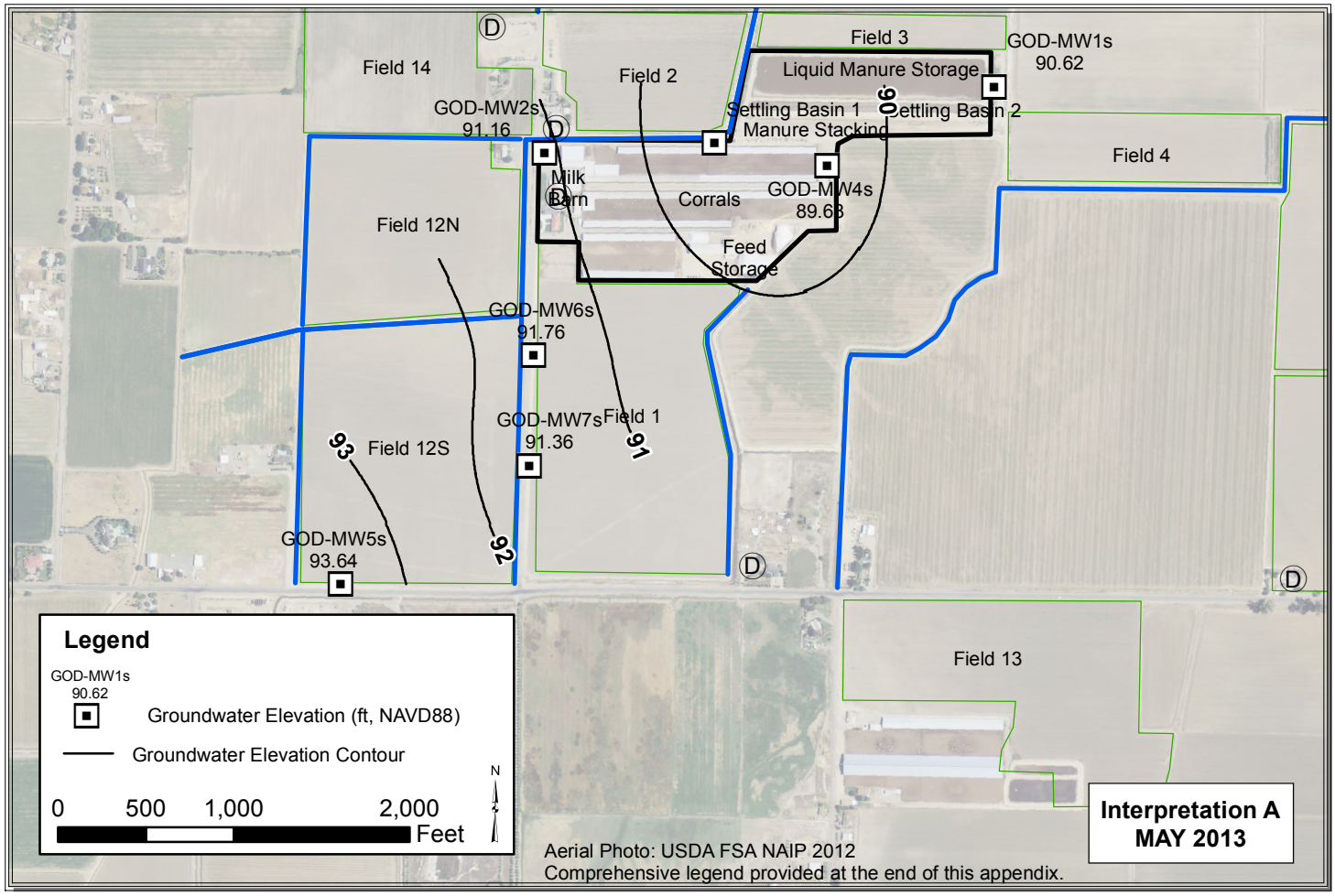

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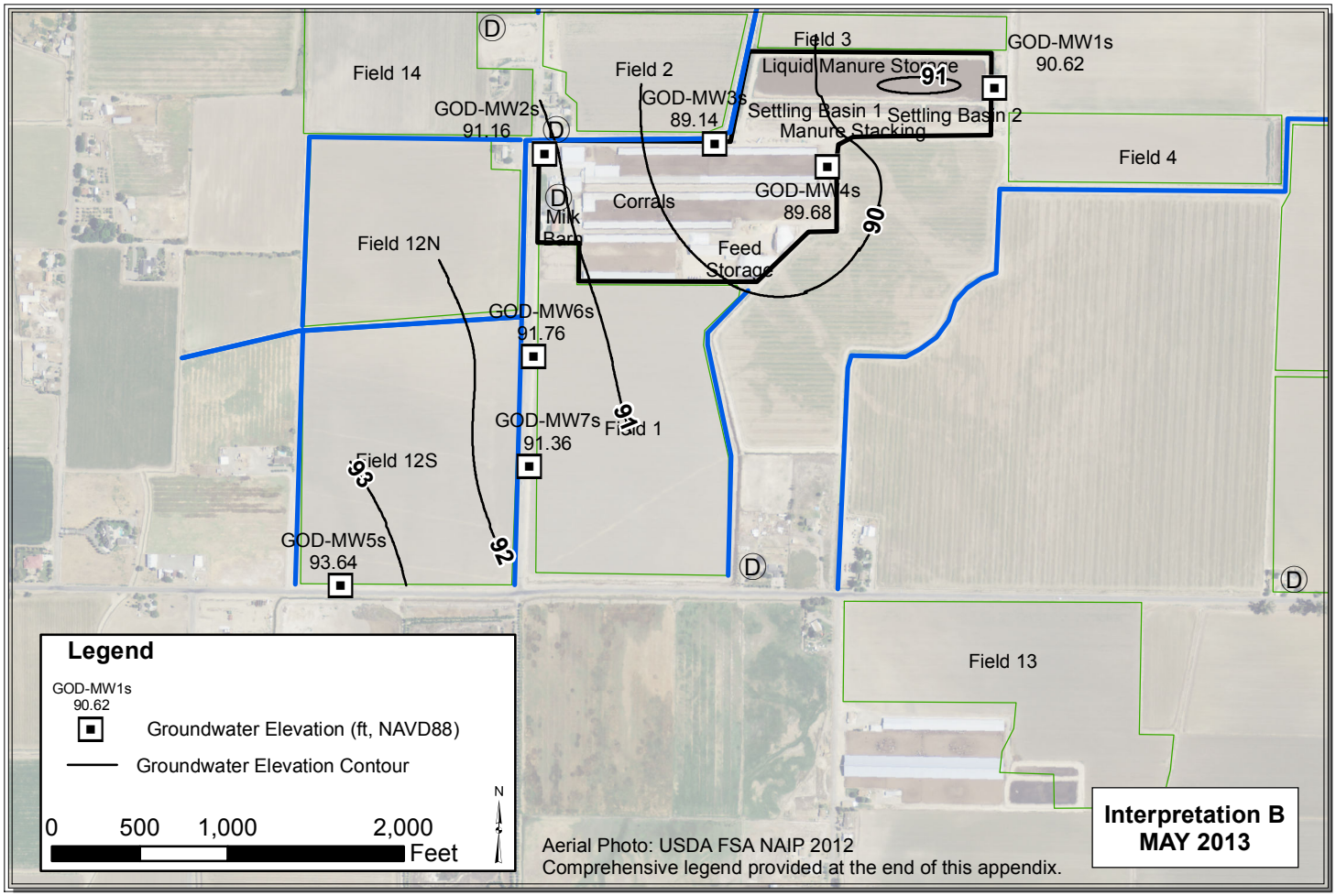

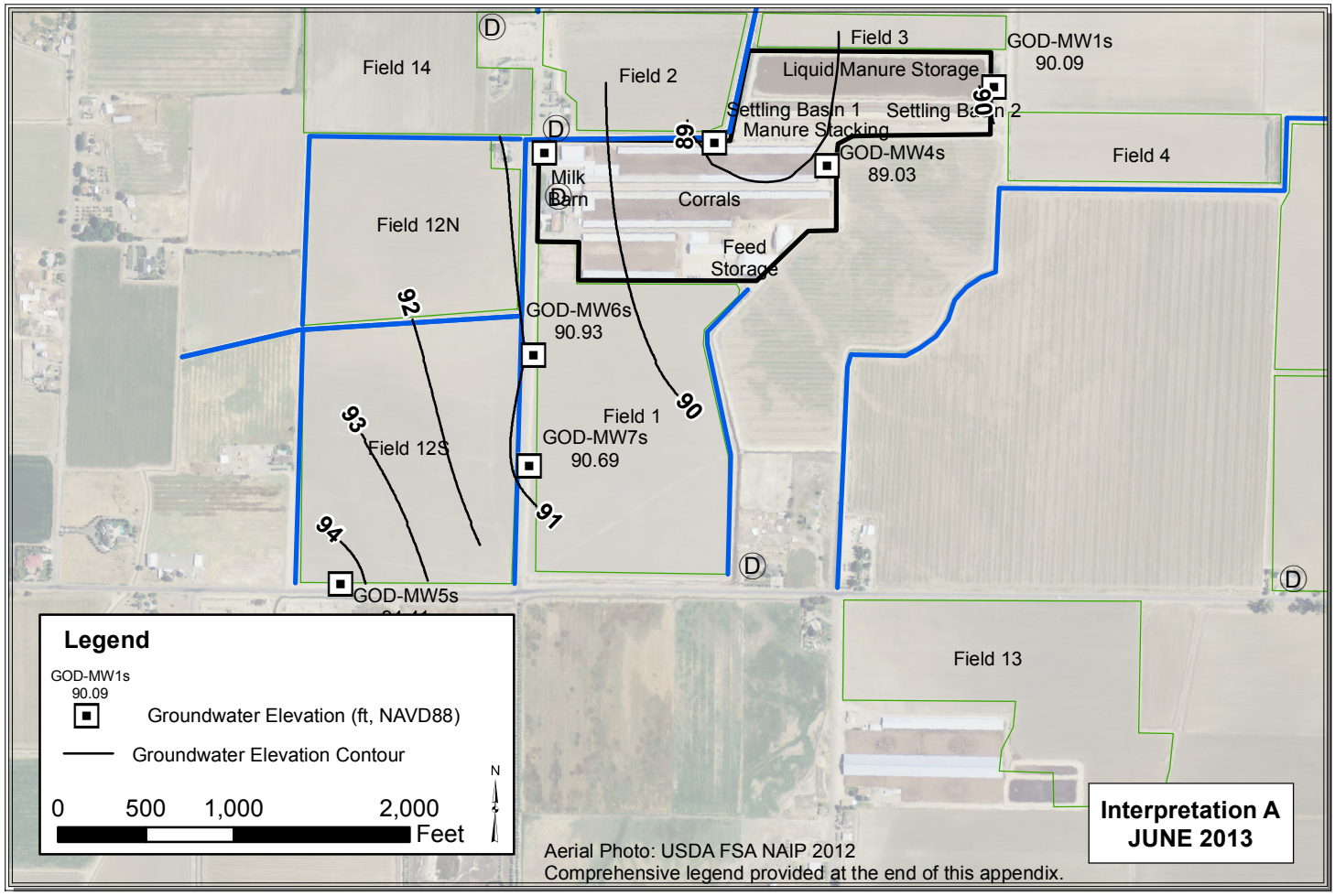

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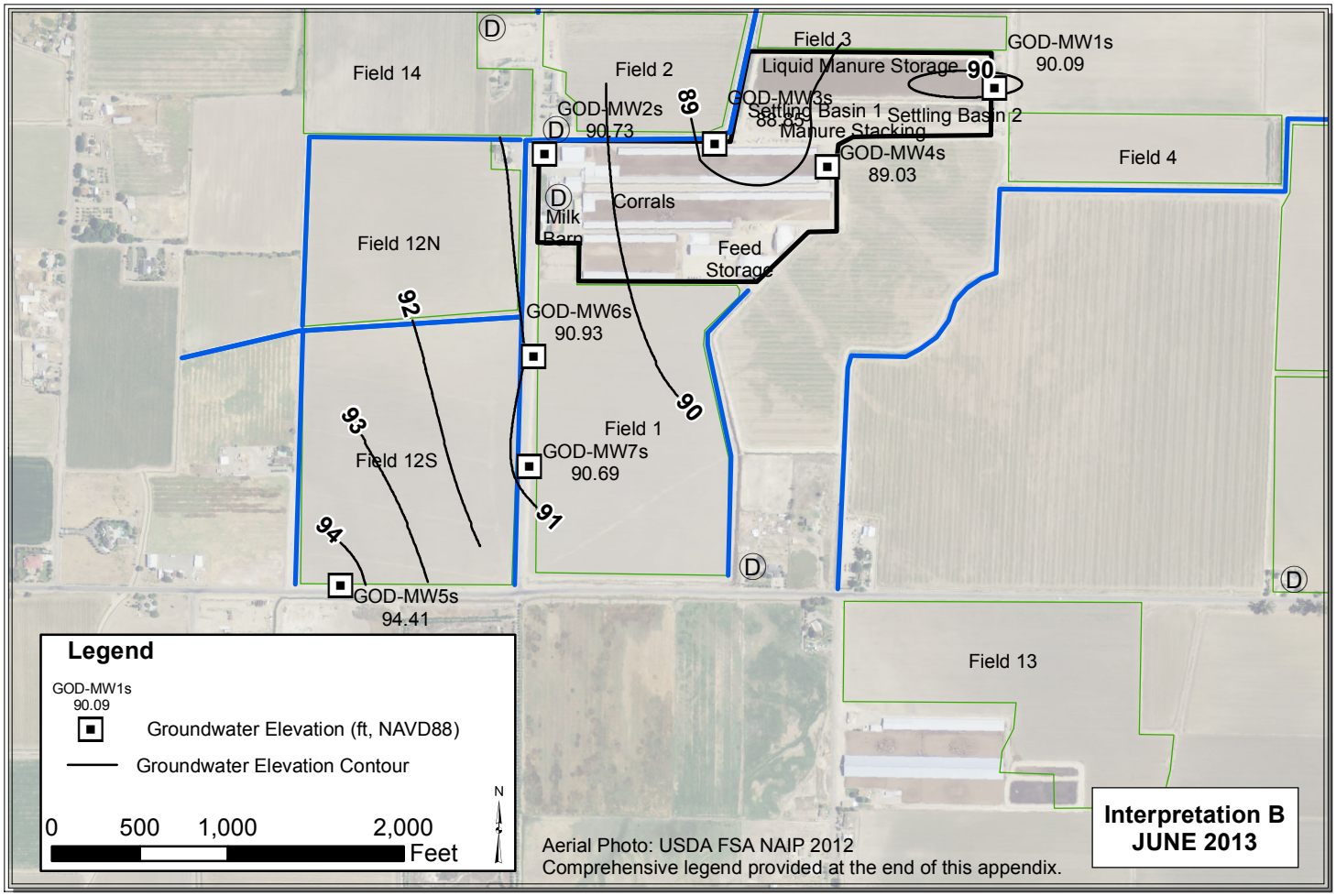

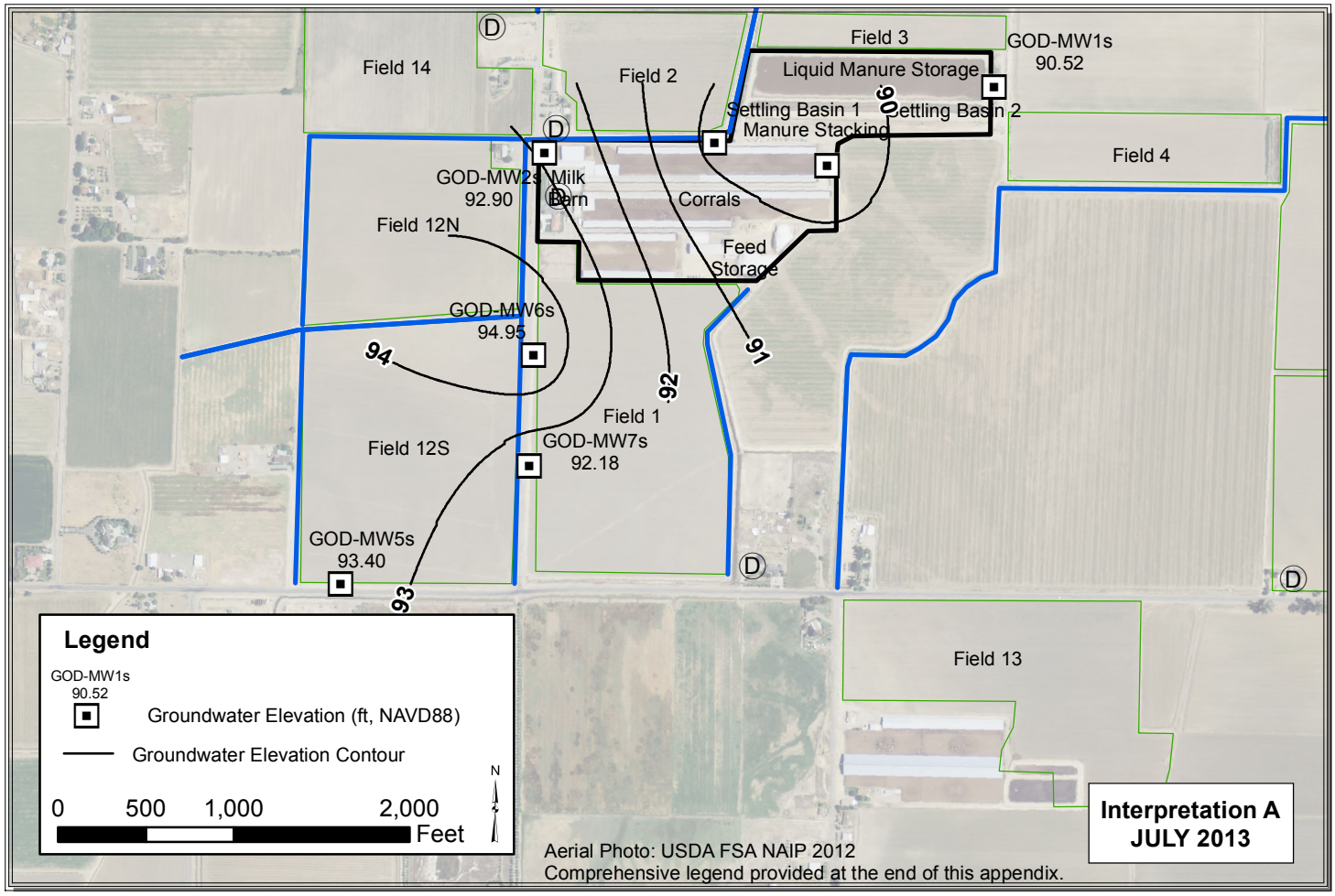

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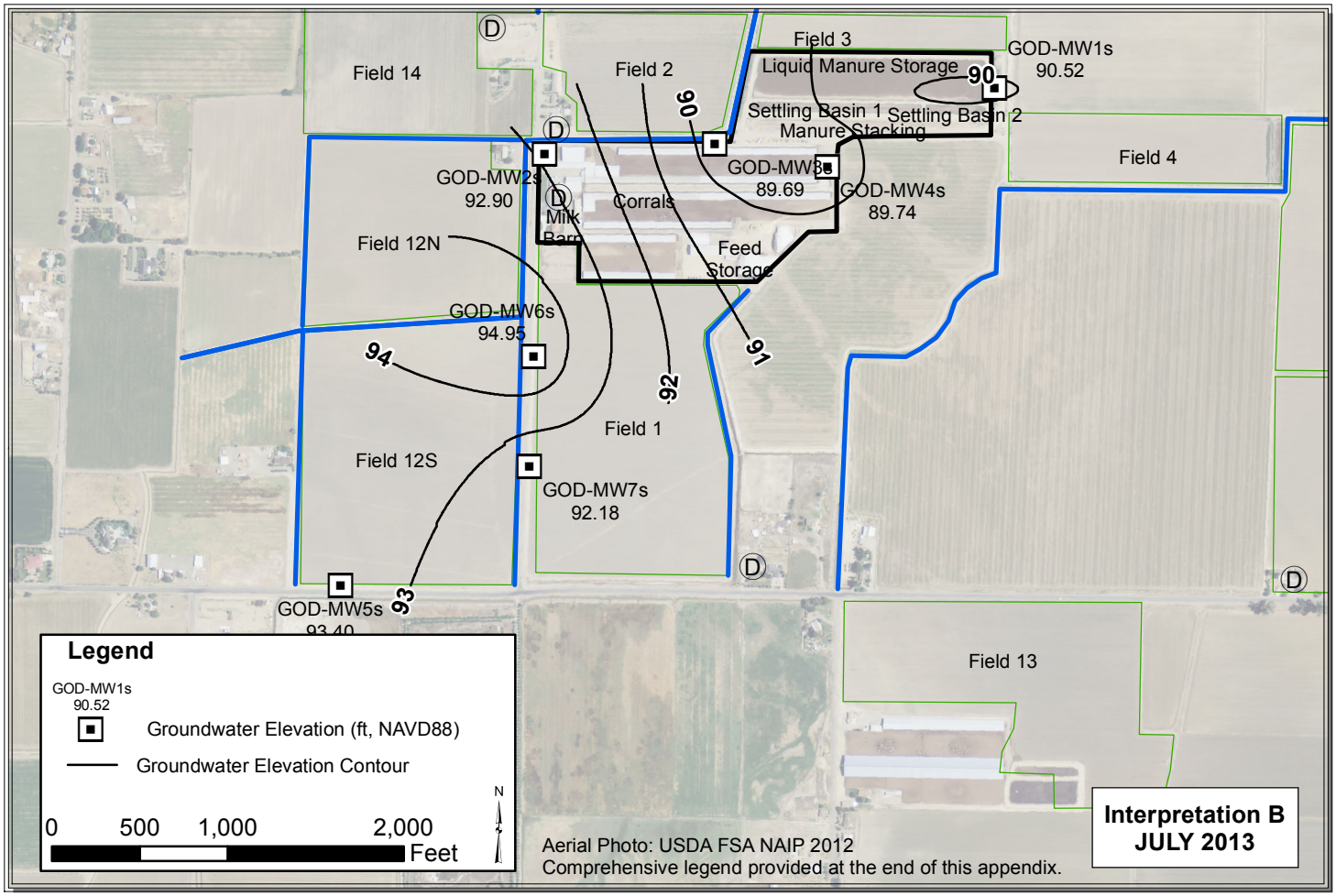

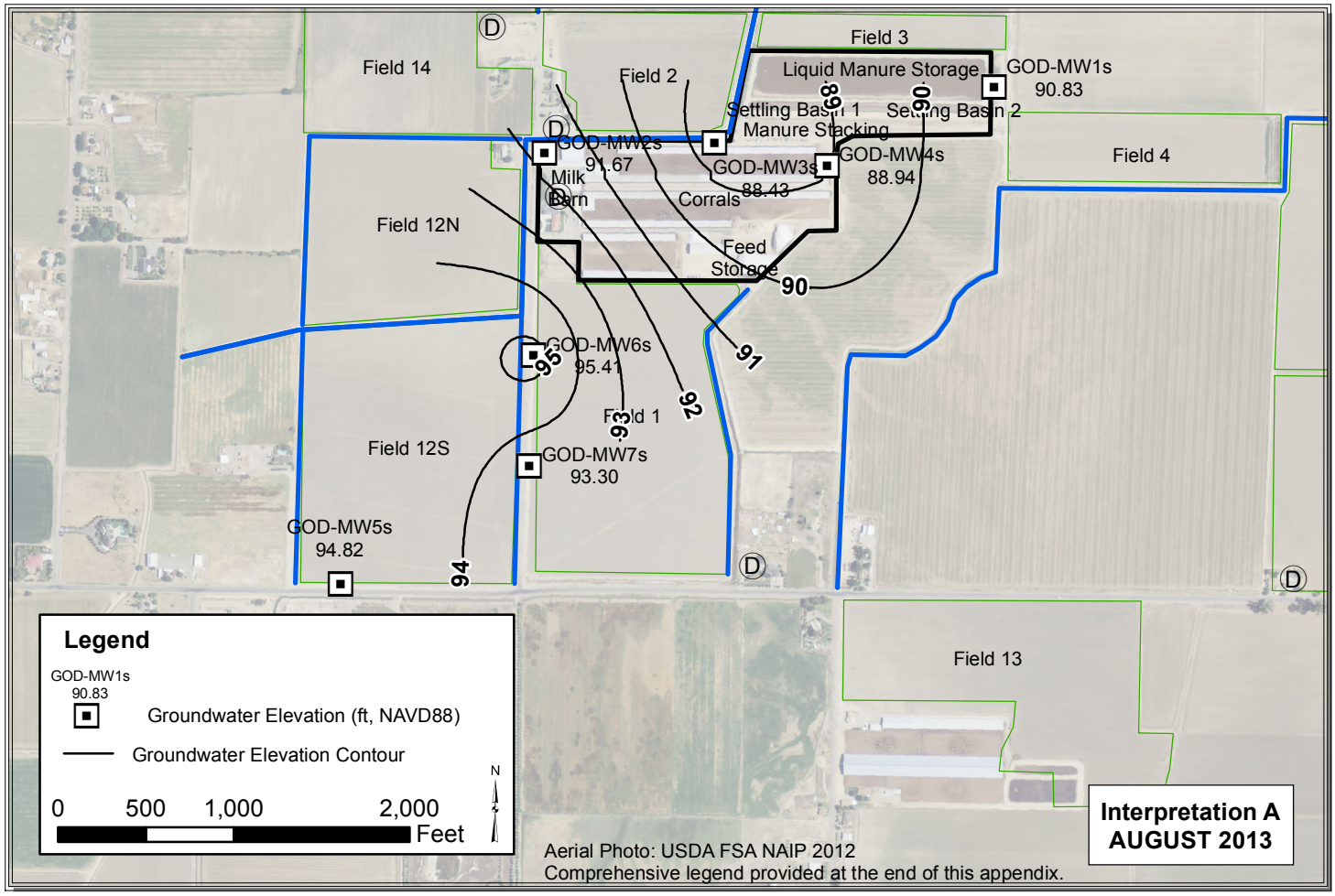

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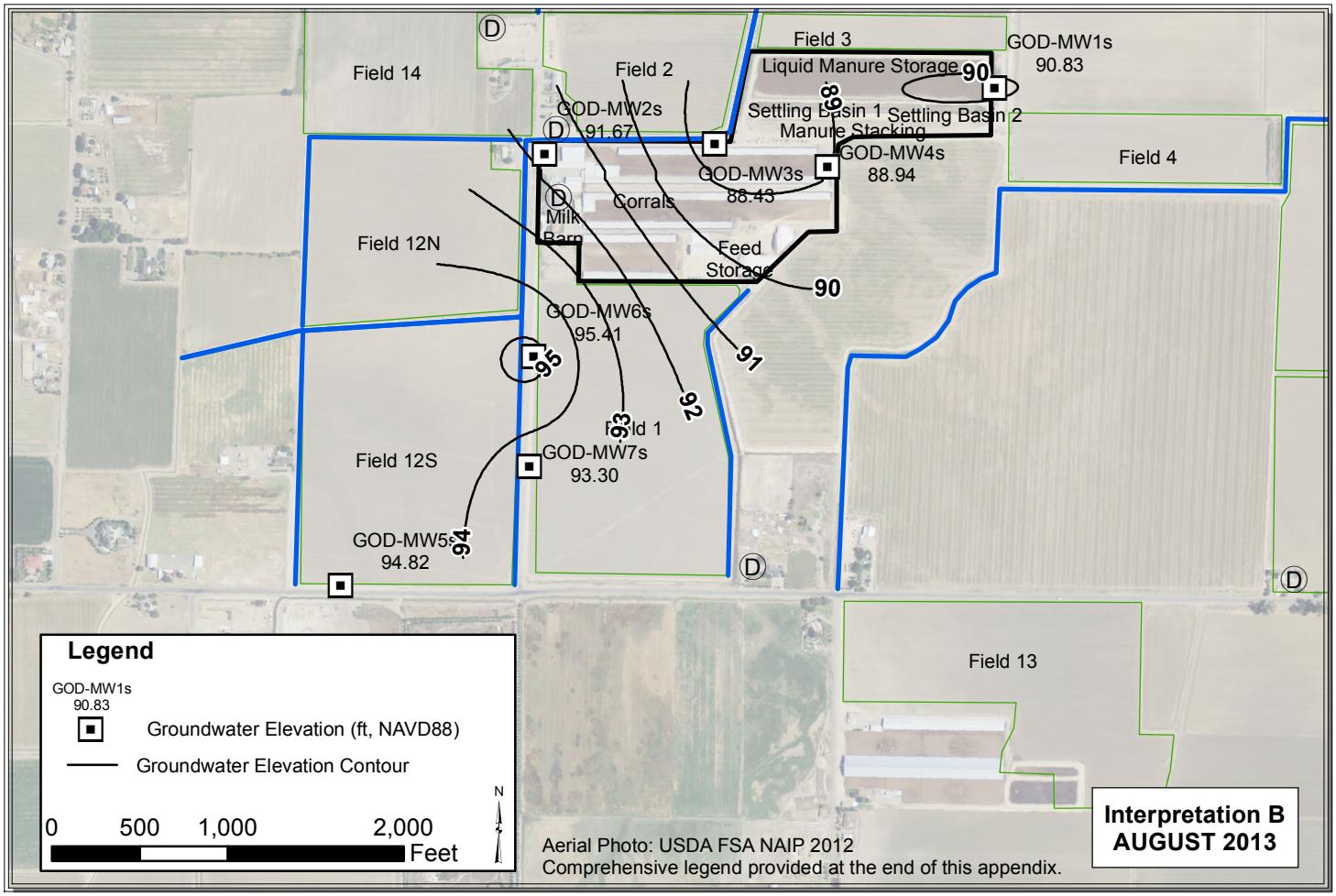

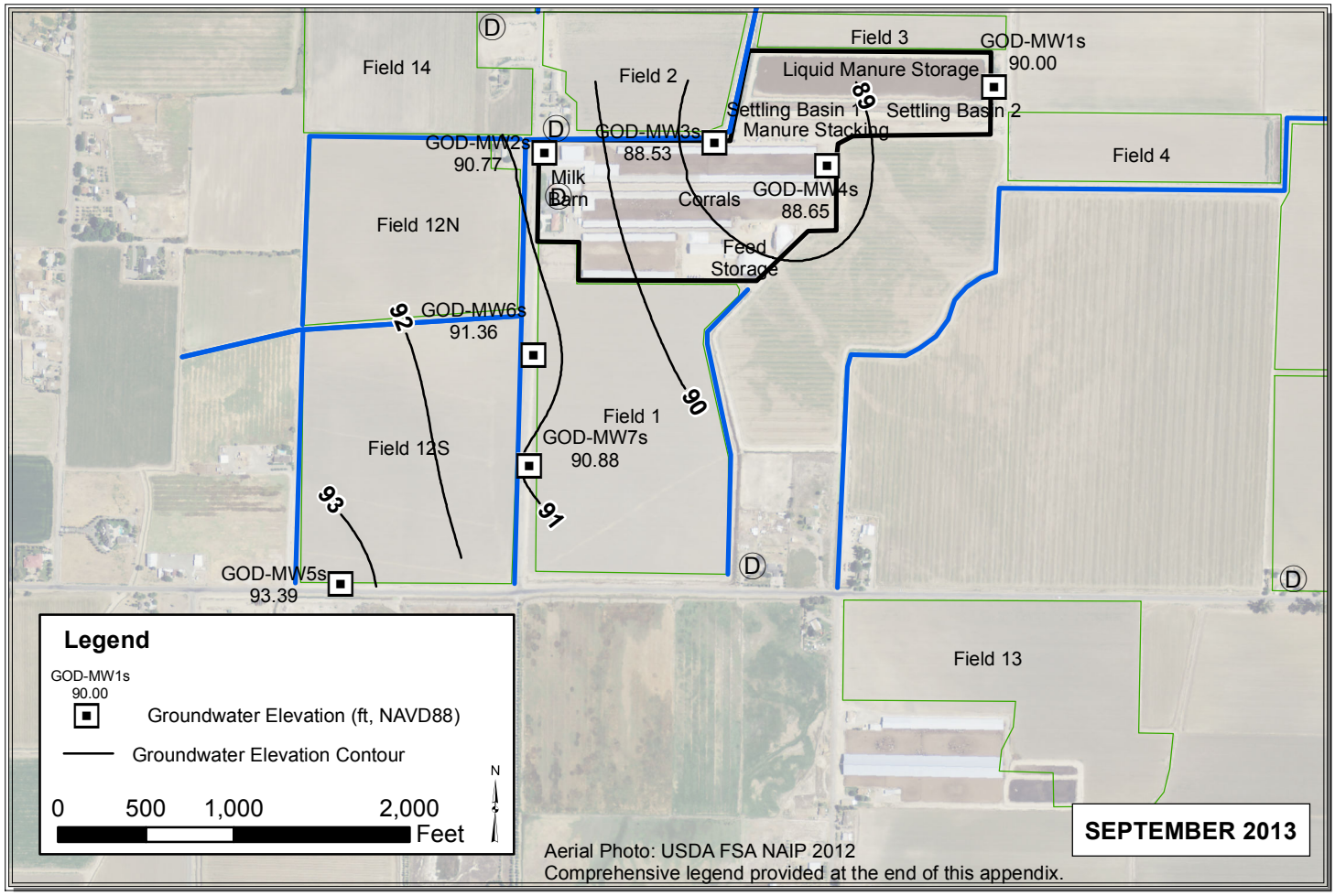

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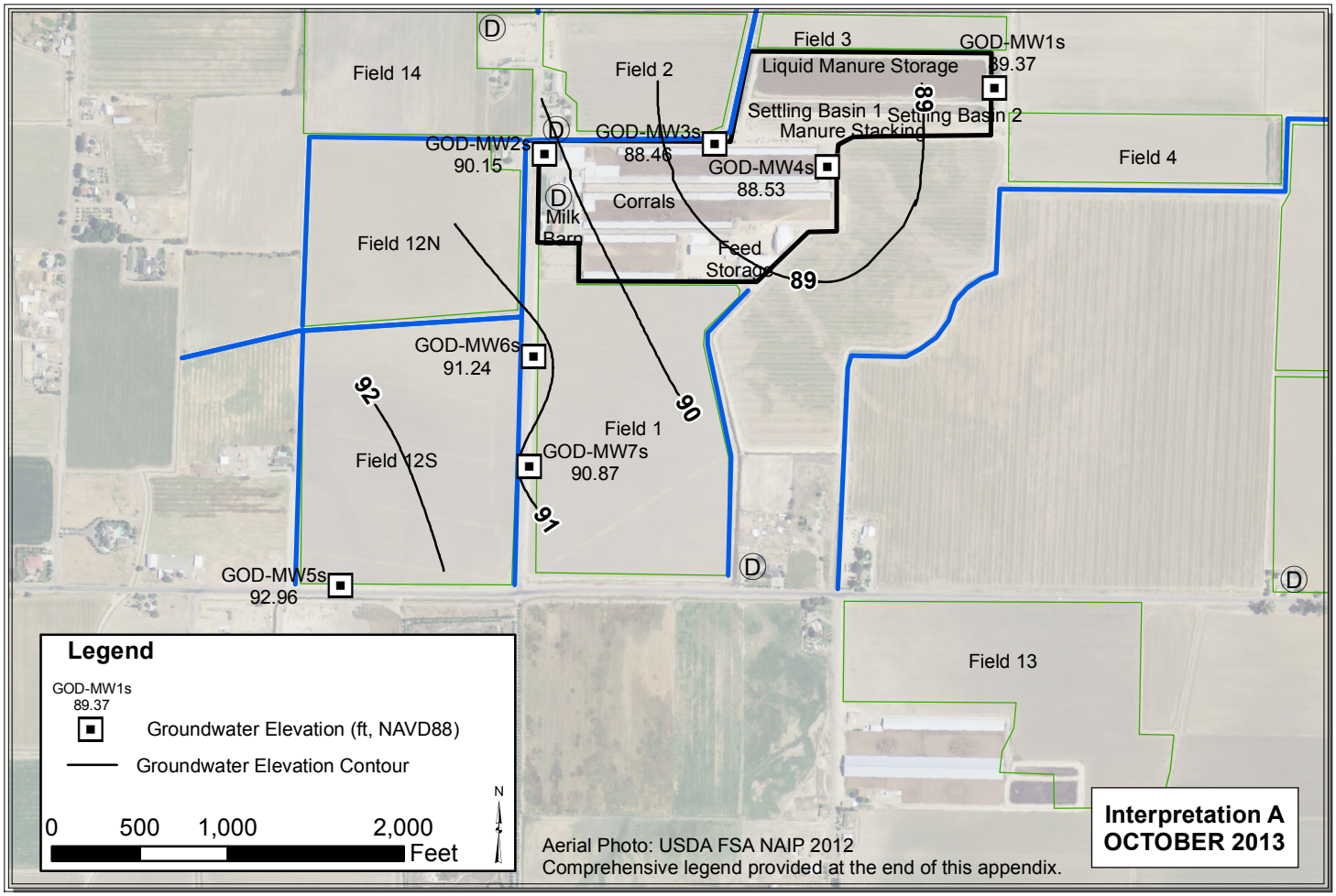

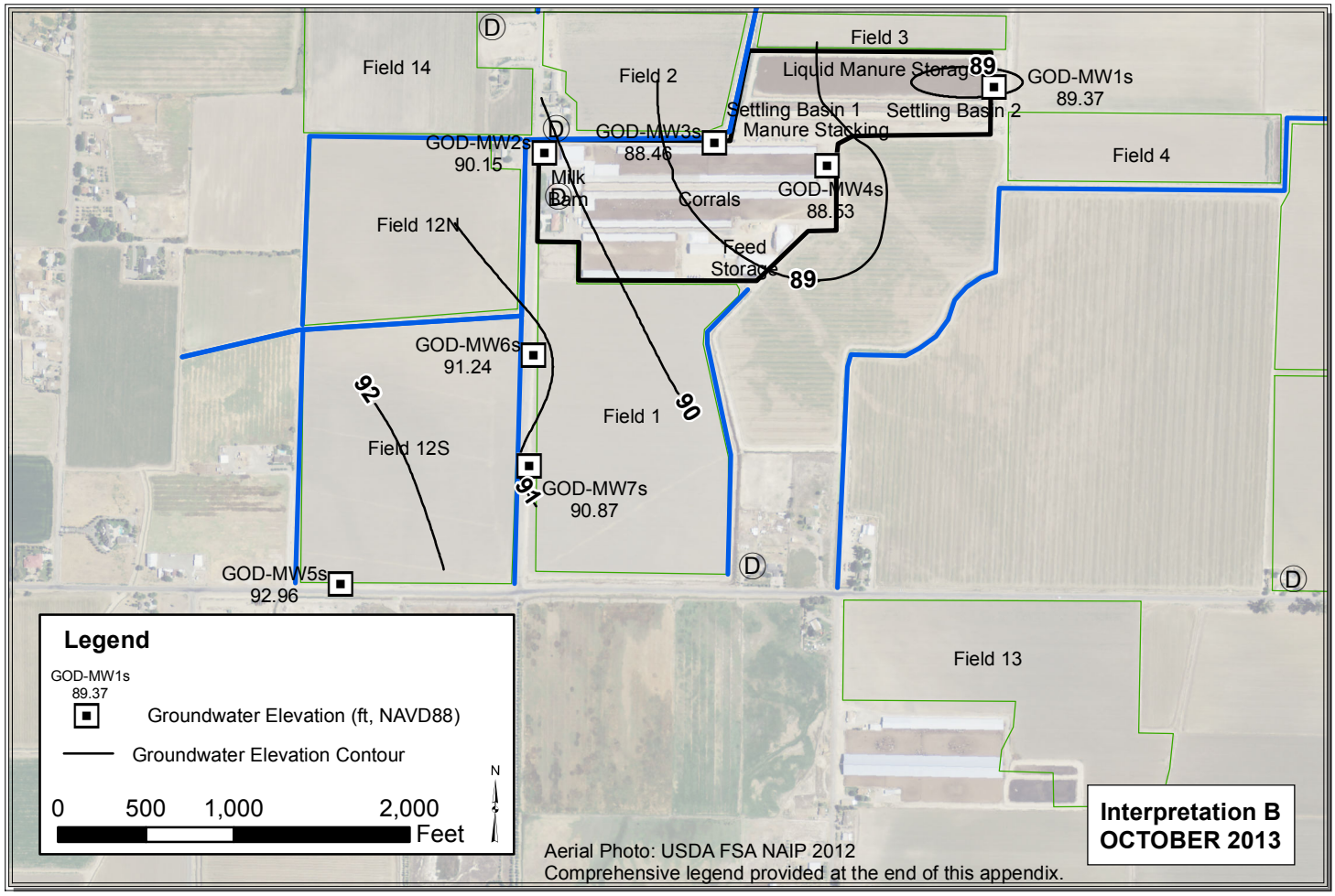

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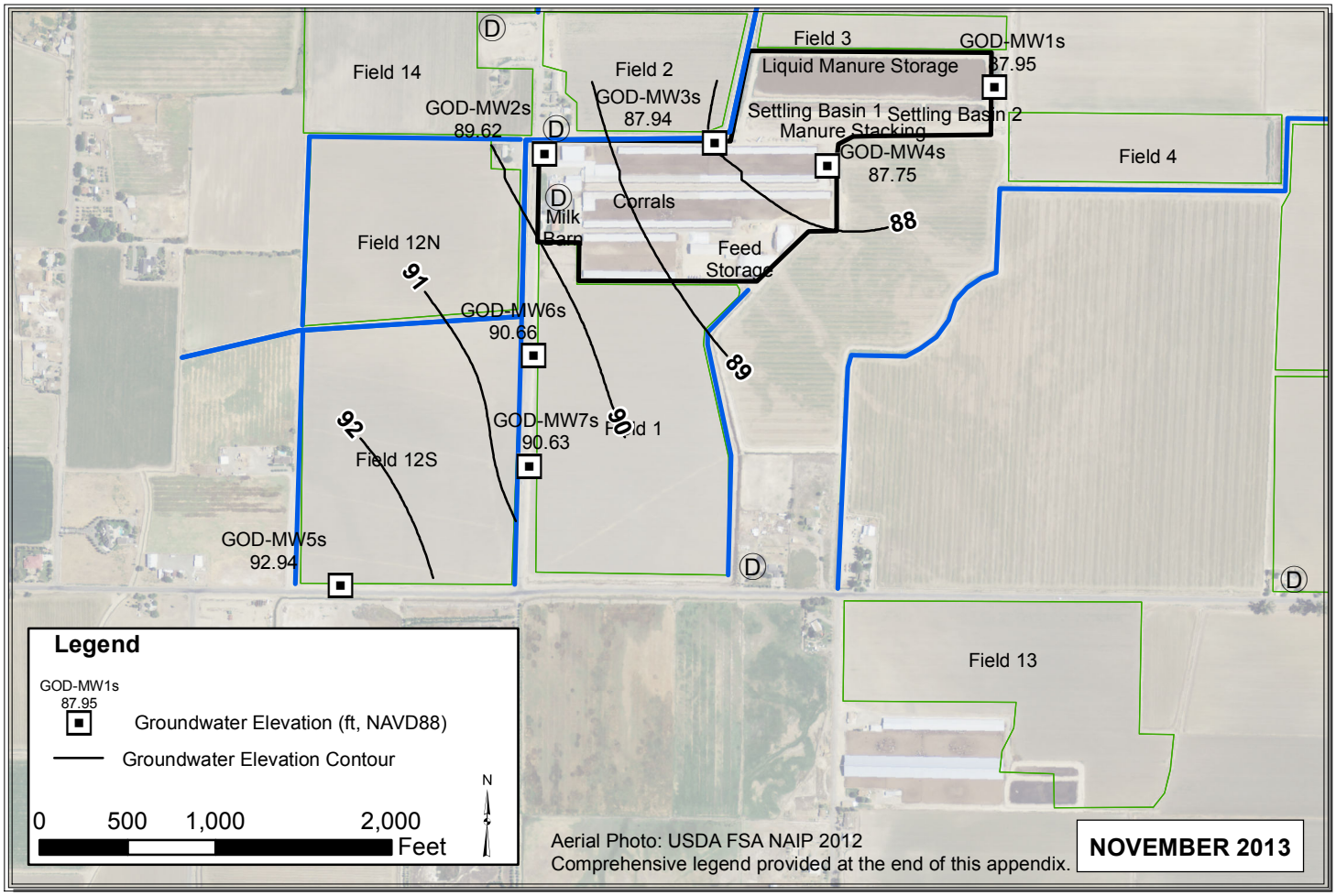

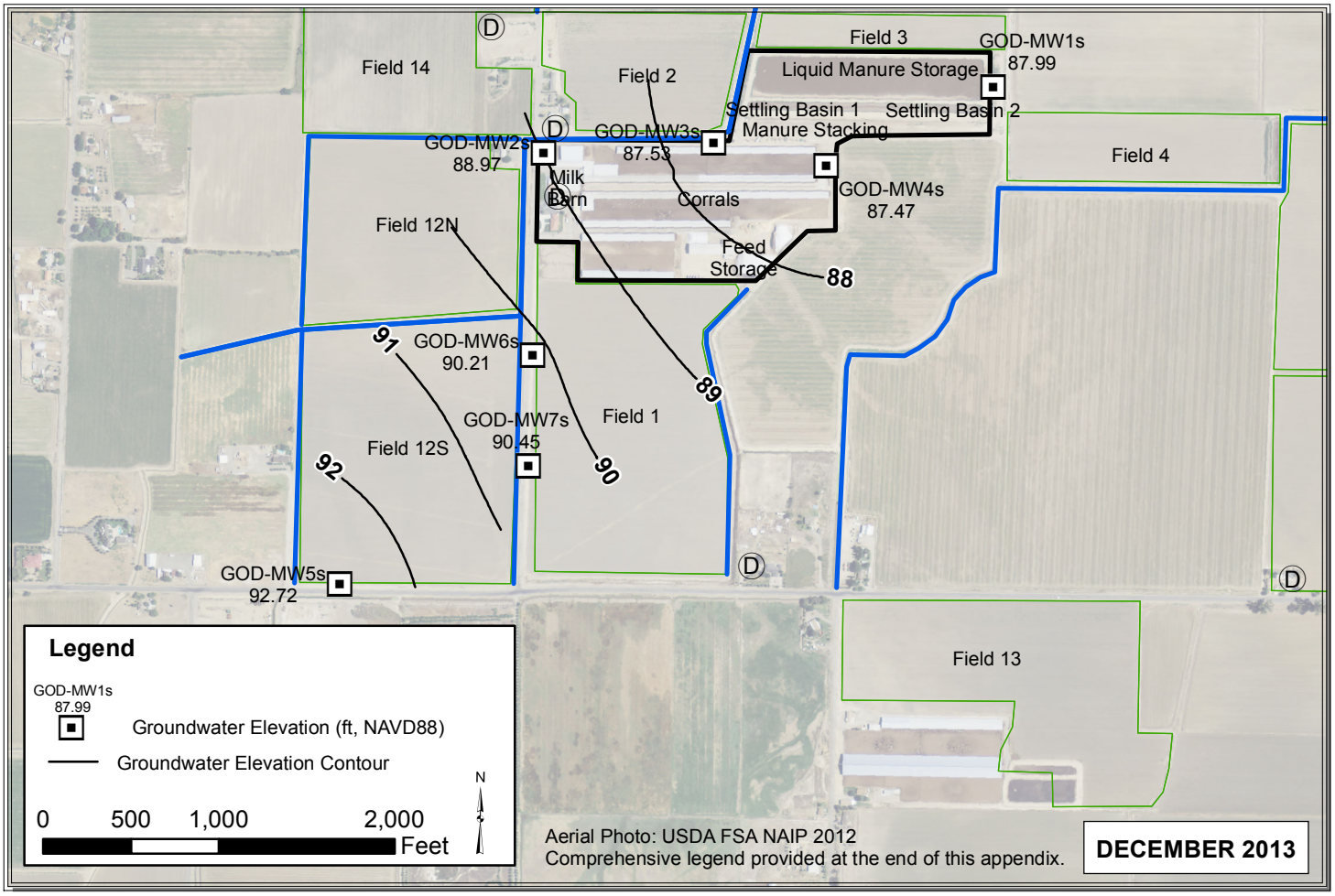

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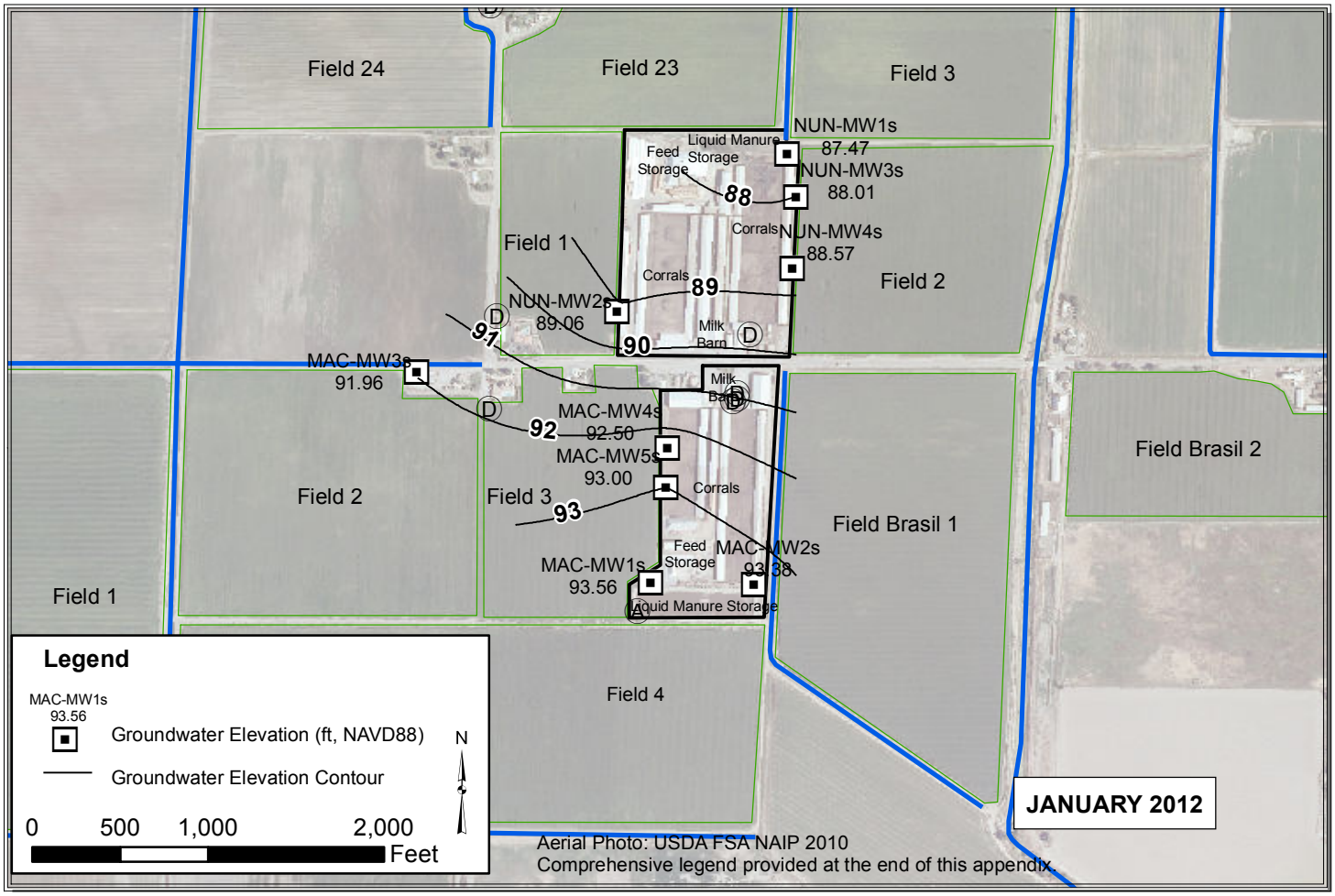
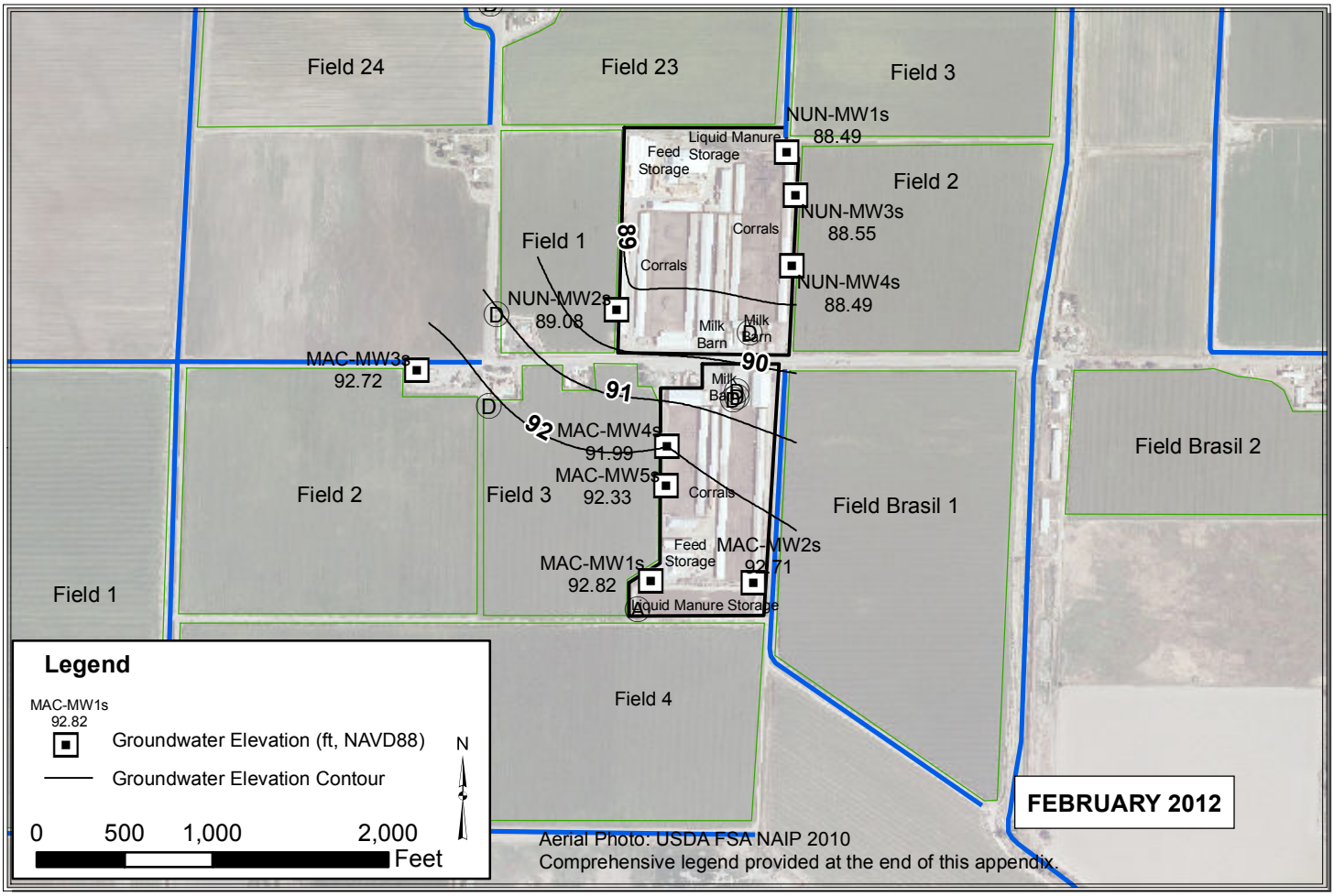
MAC and NUN





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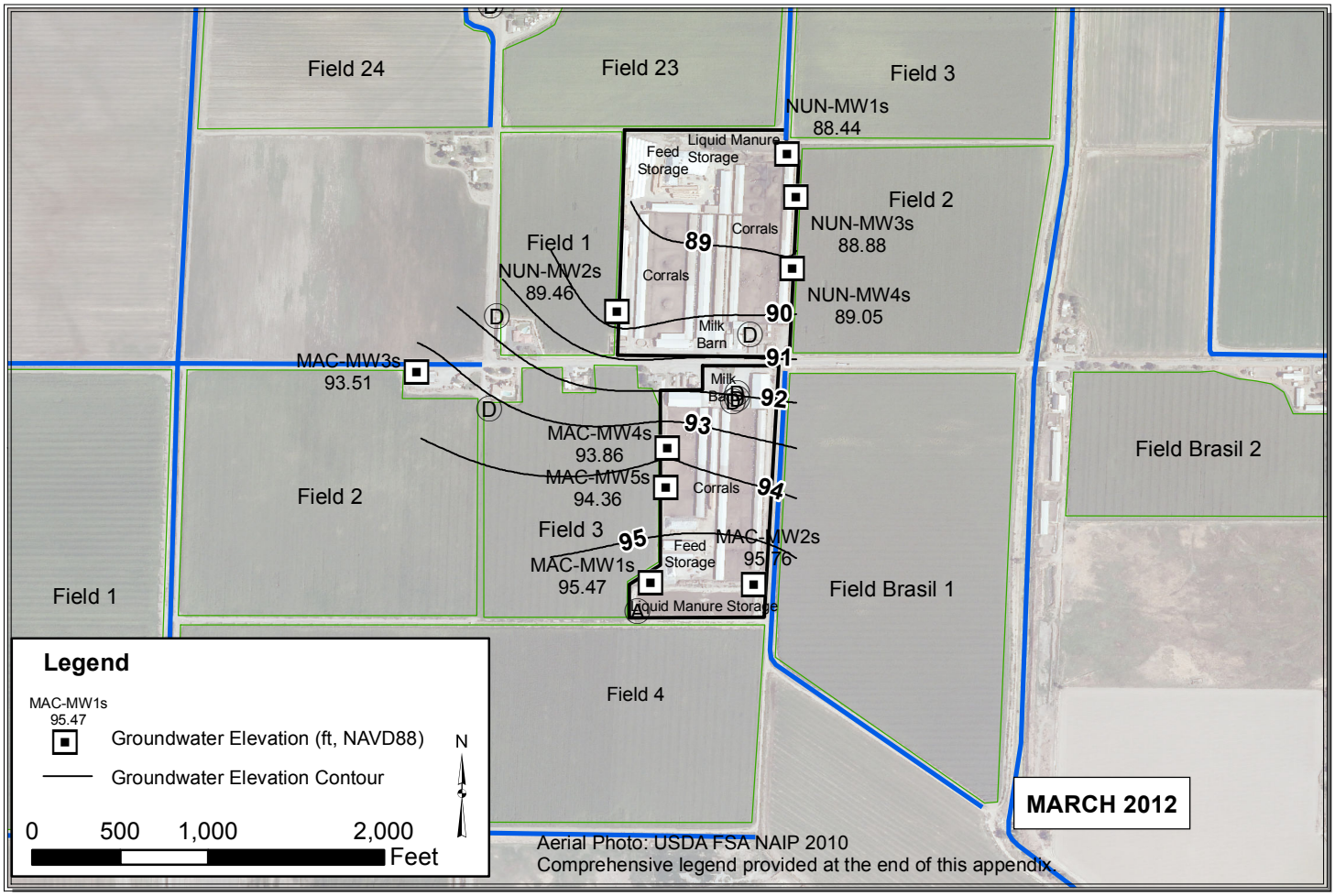

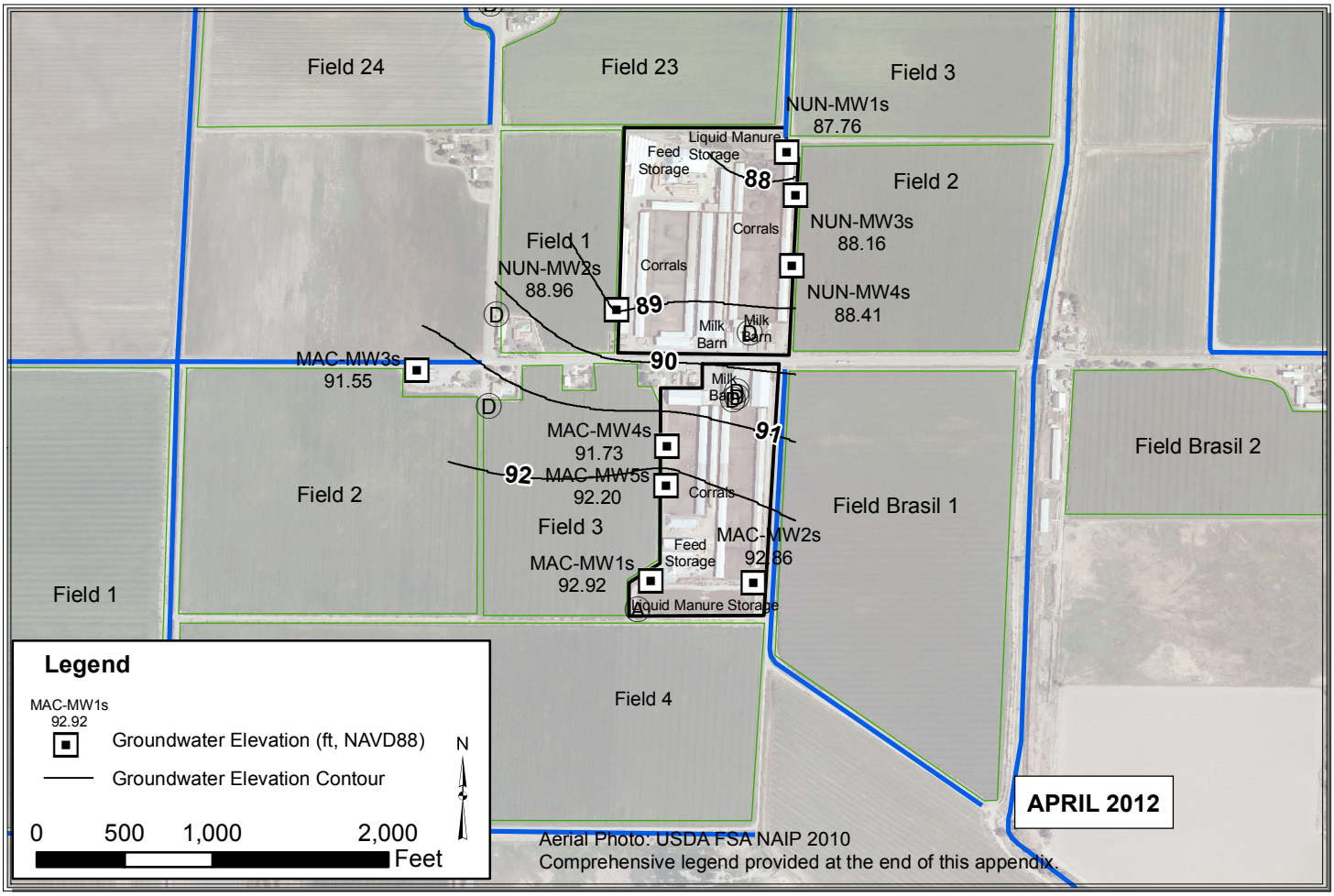

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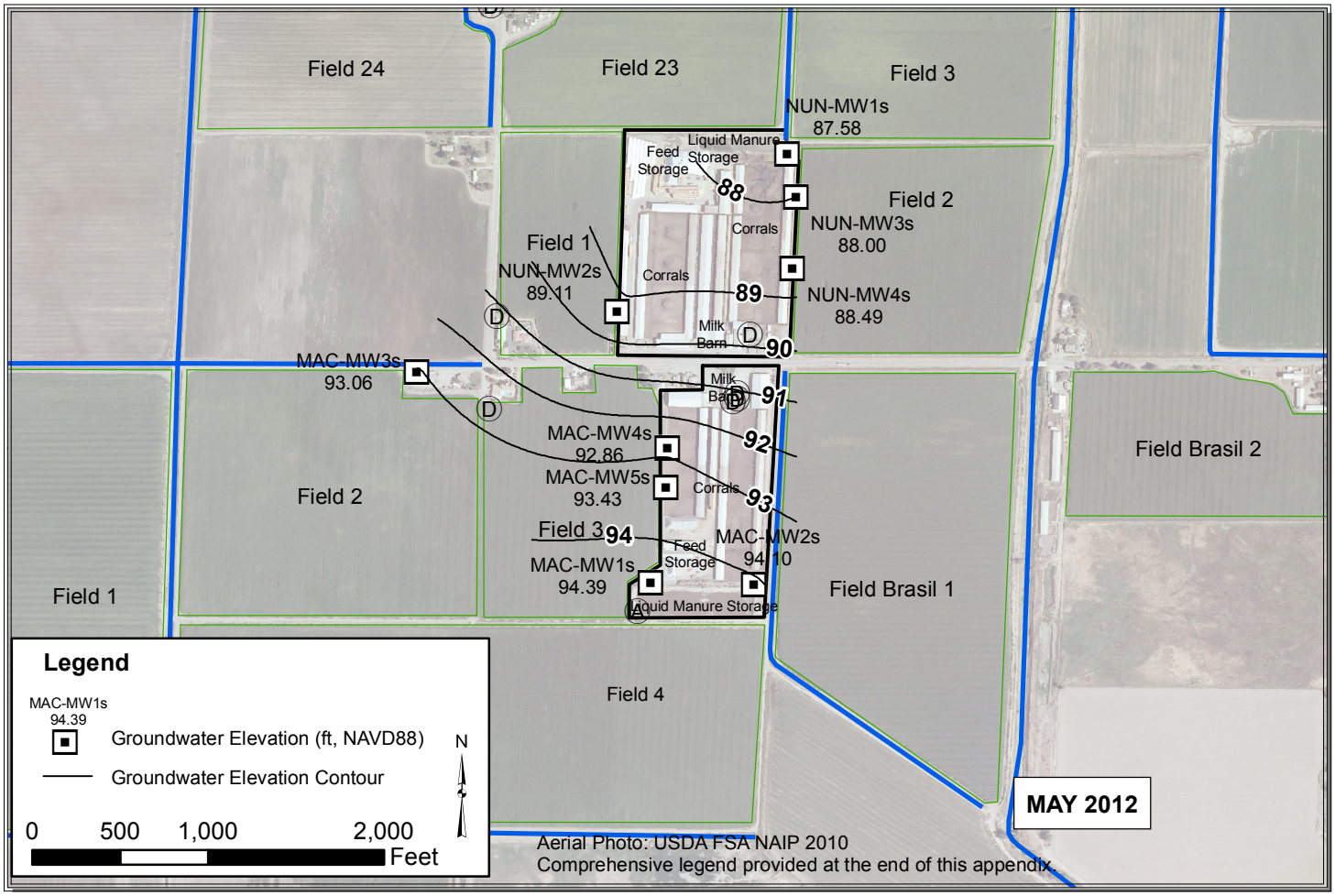

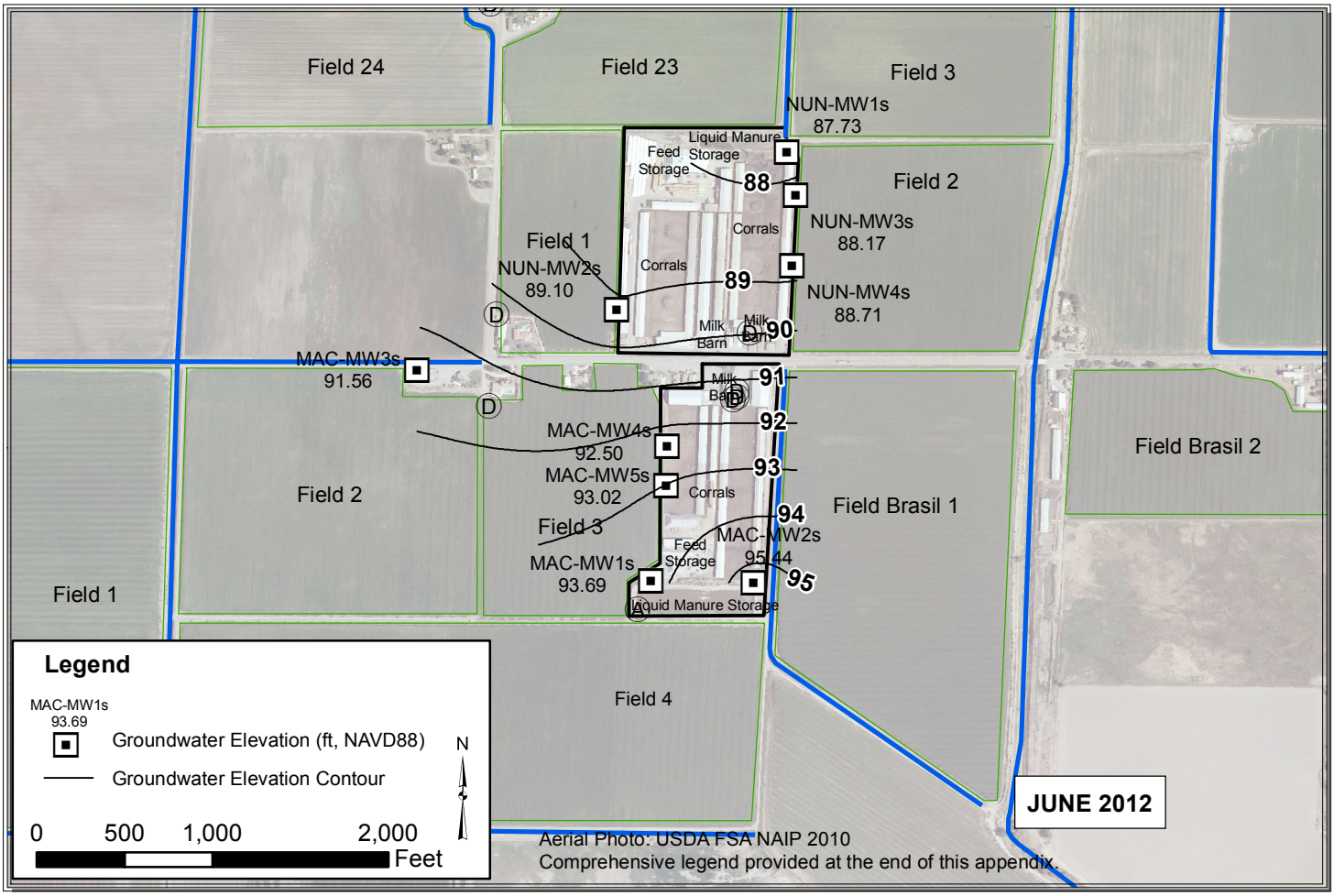

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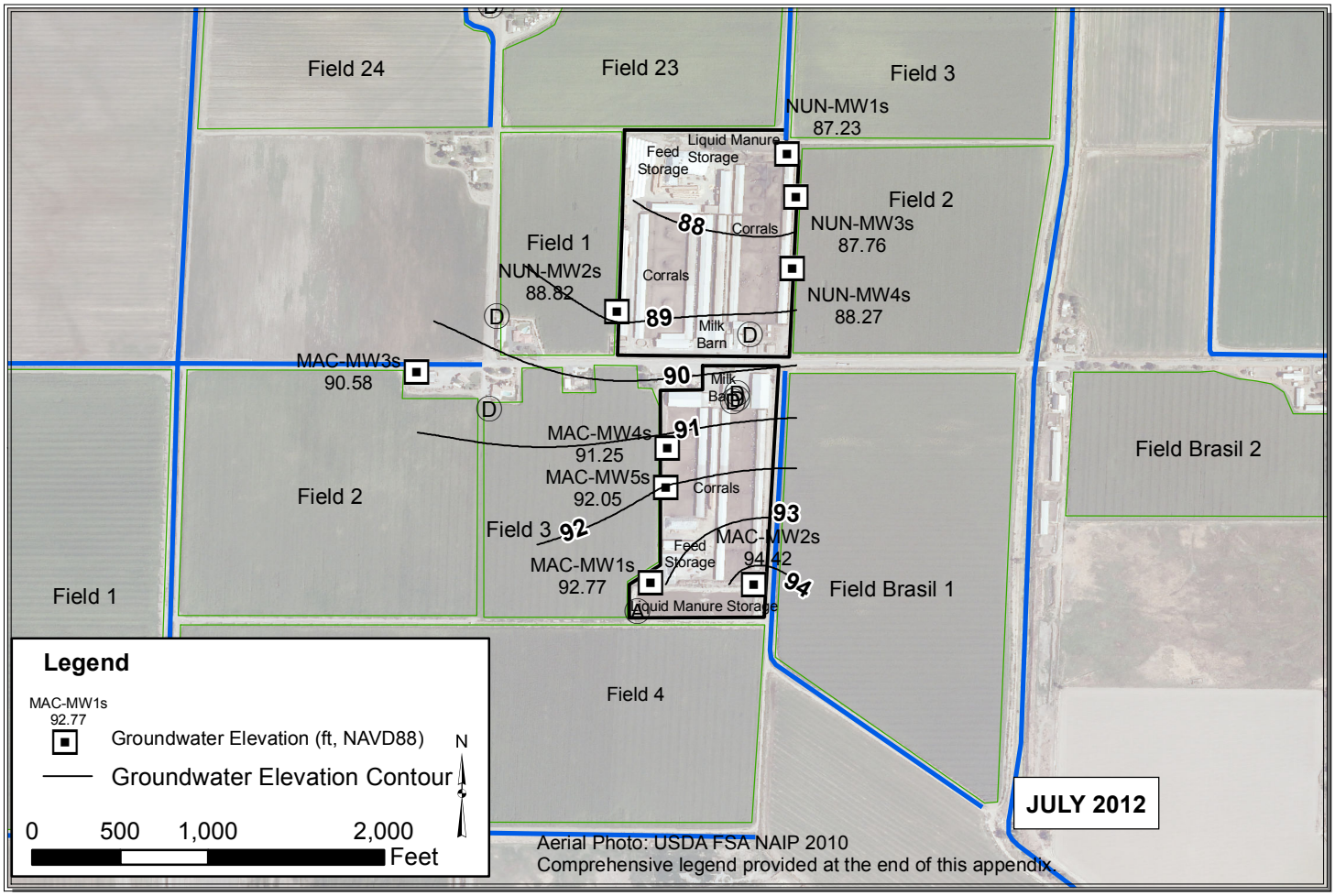

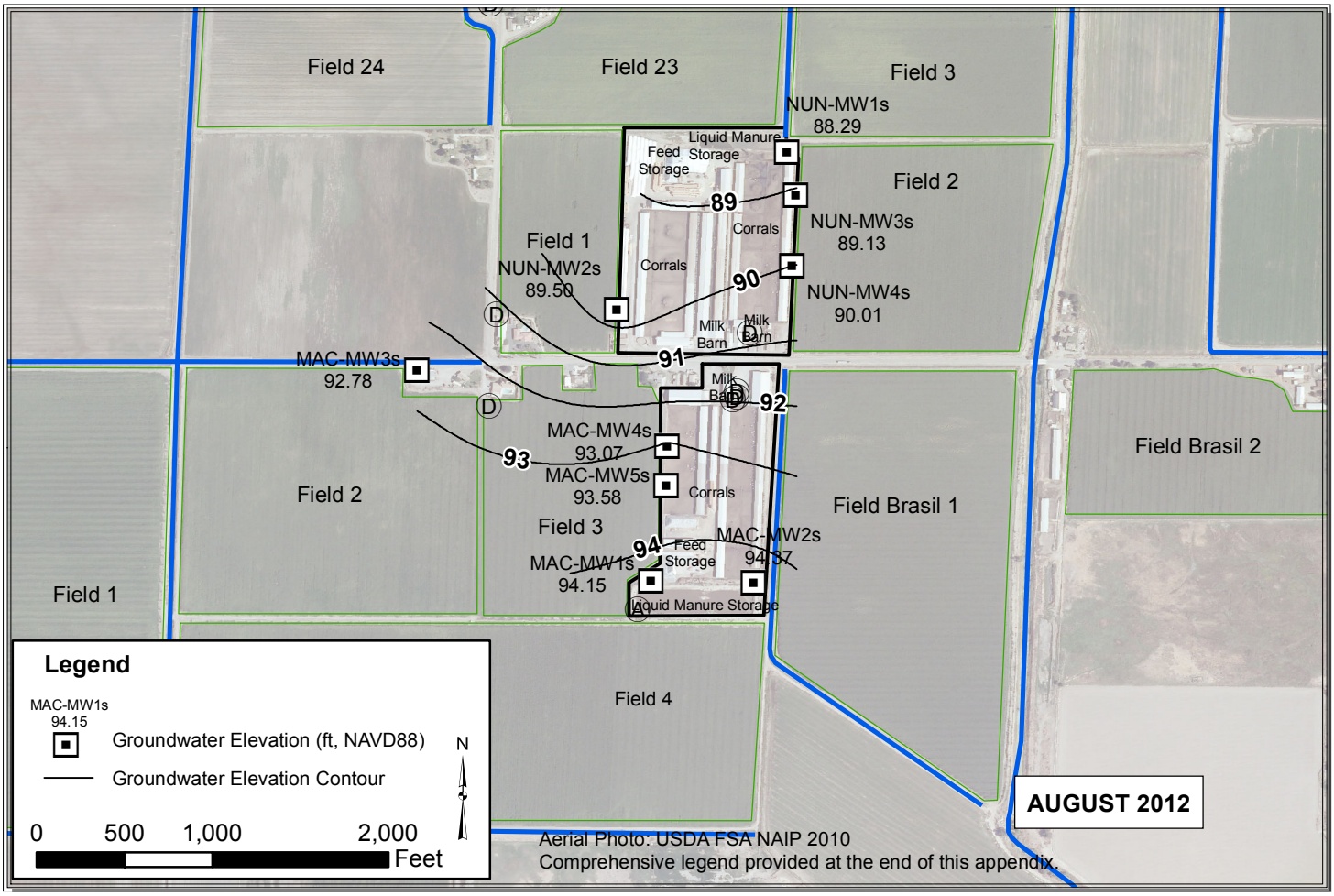

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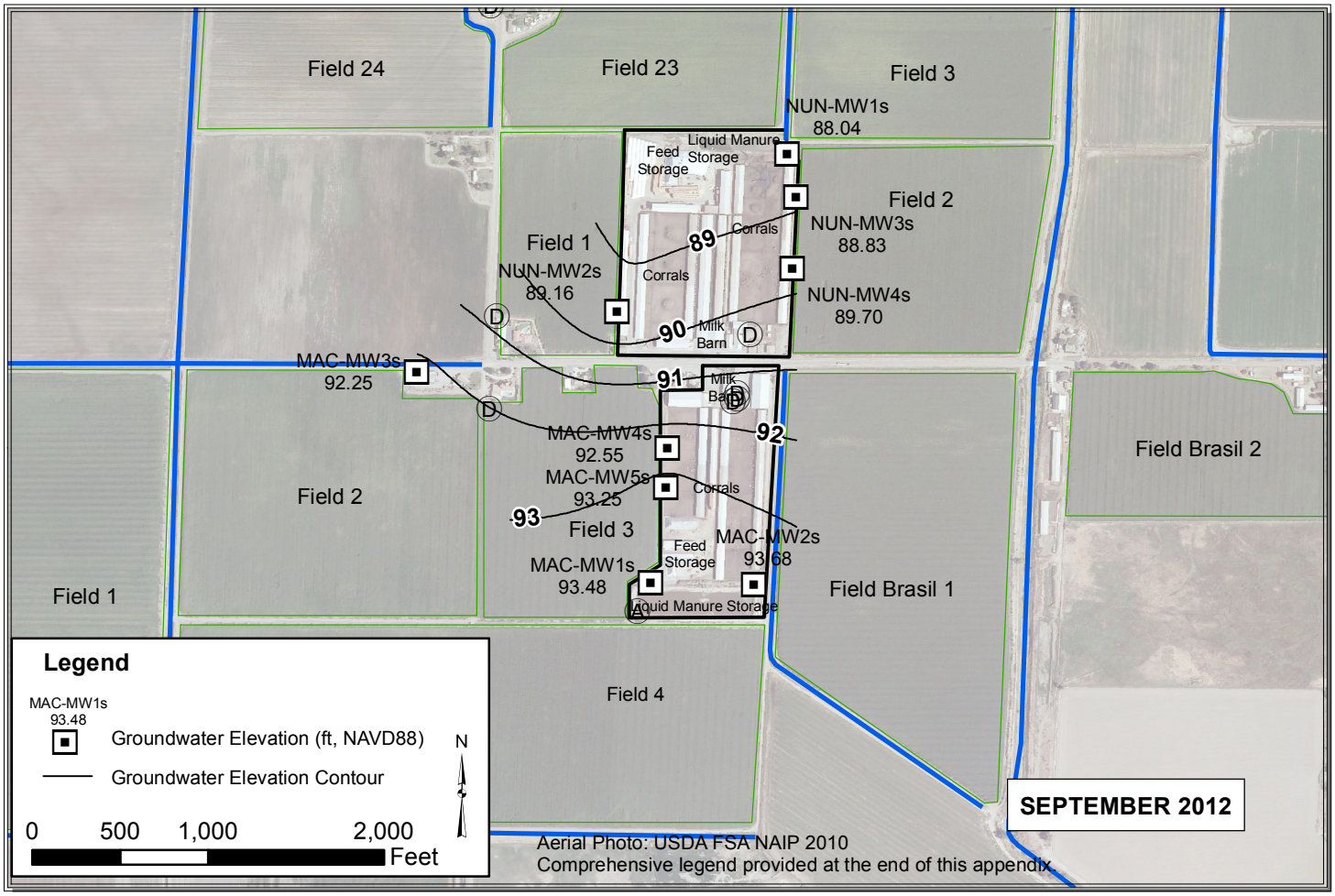

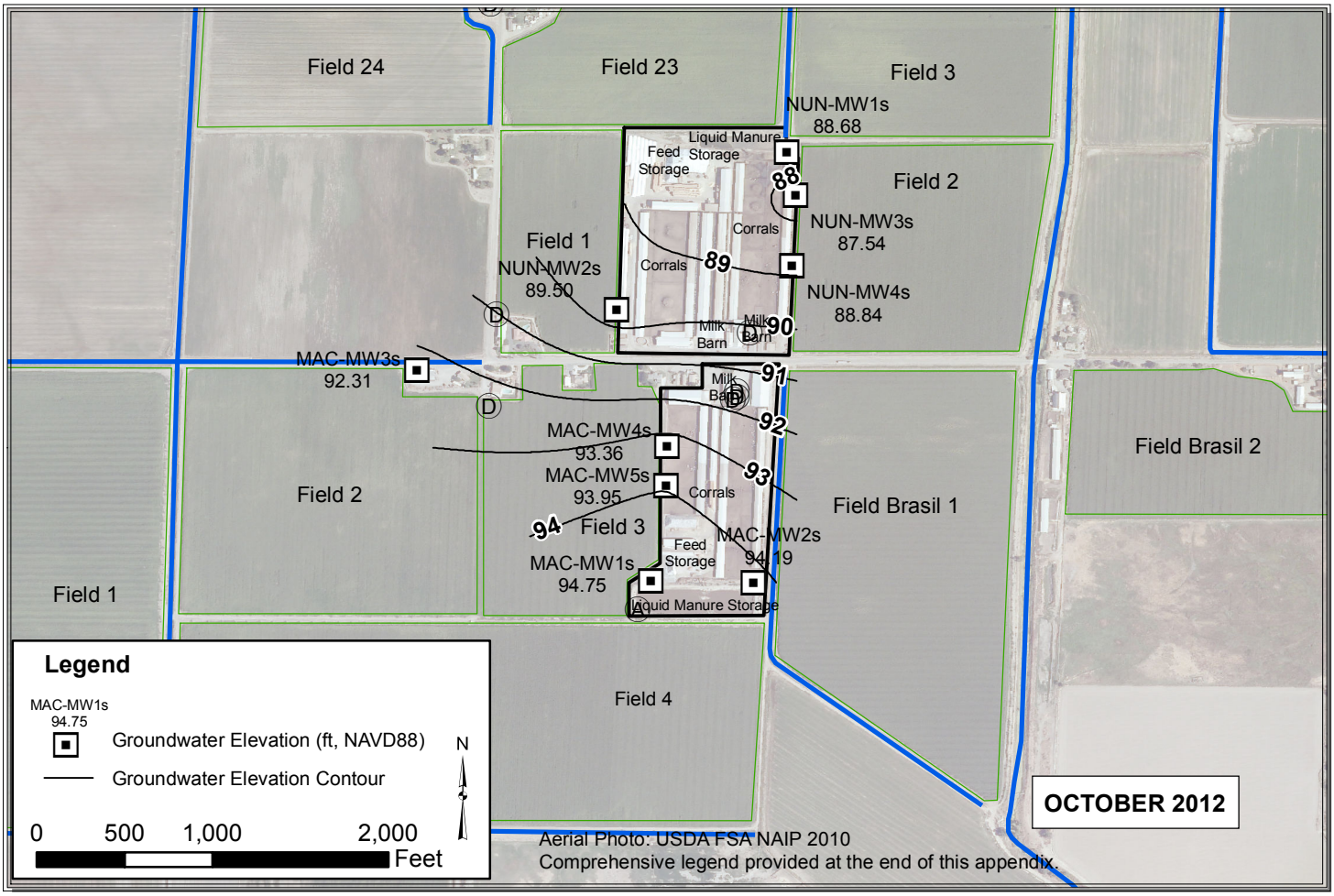

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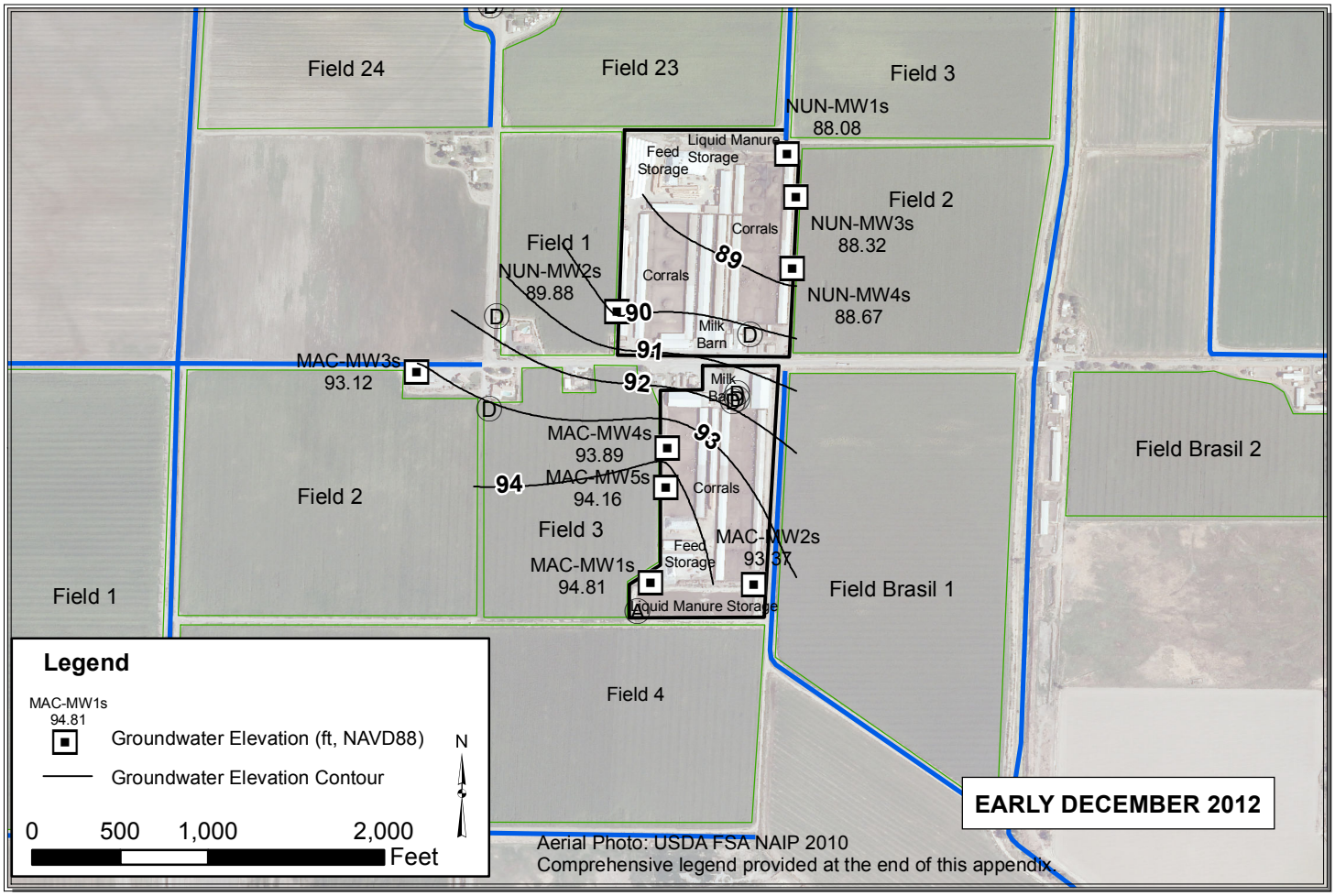

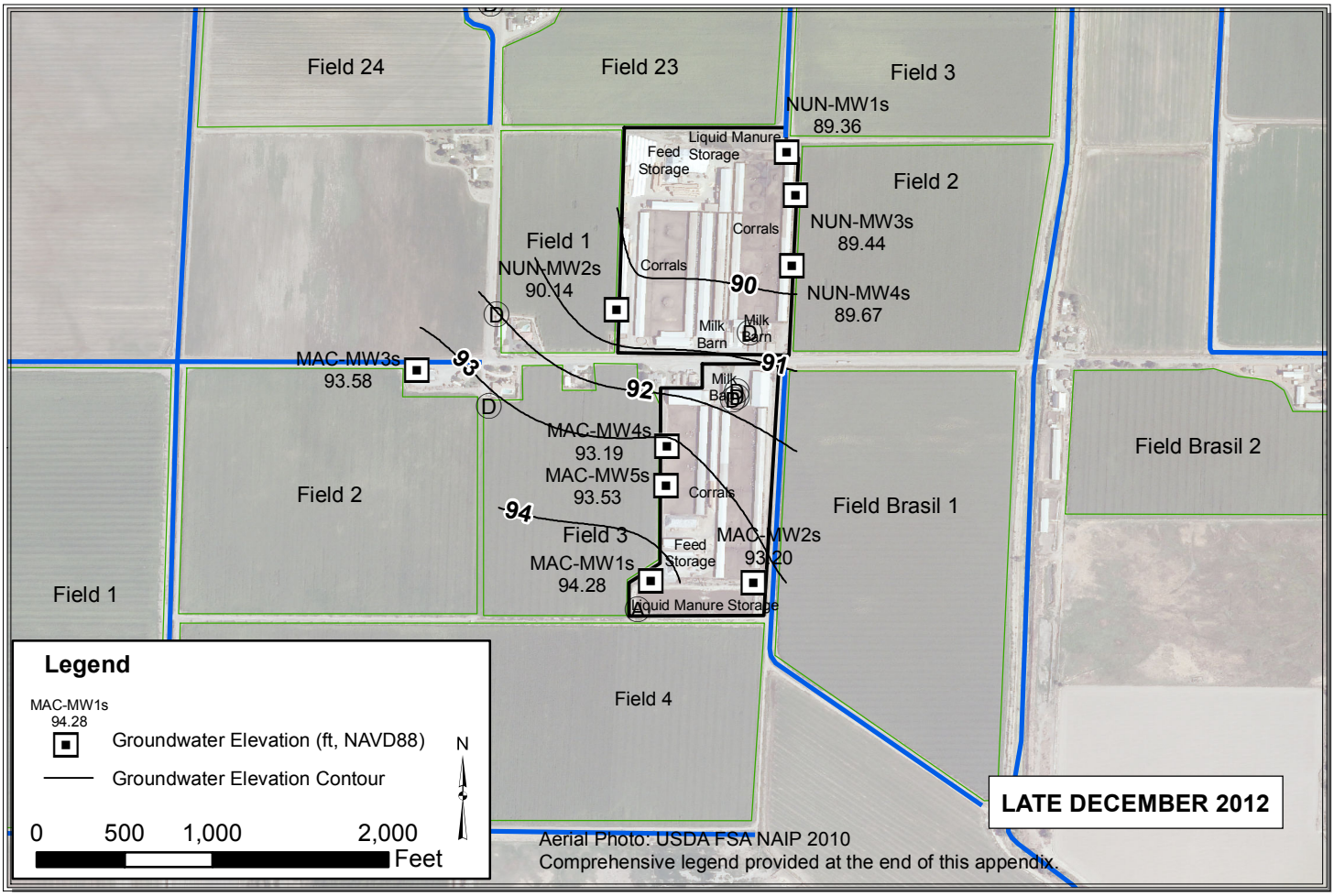

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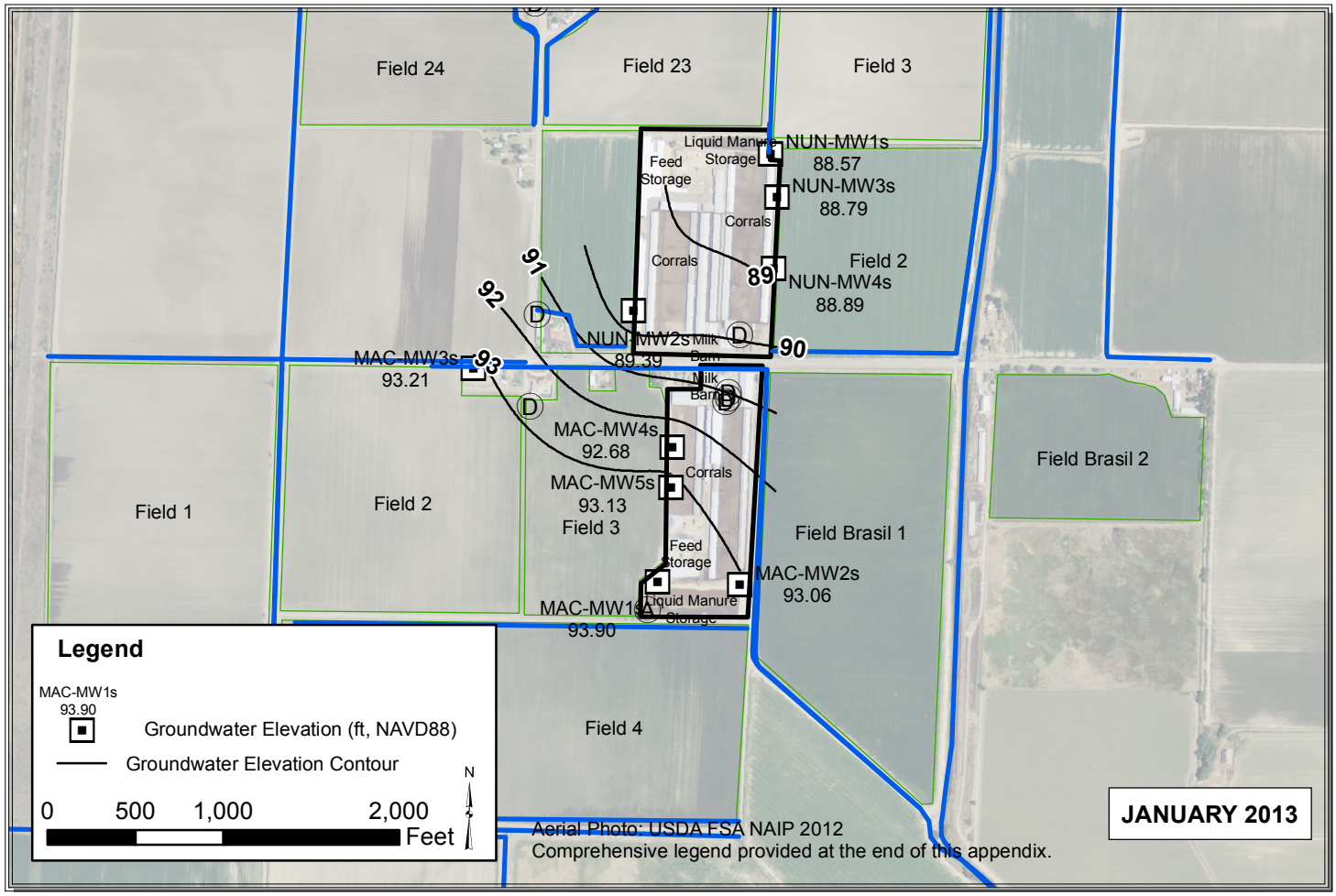

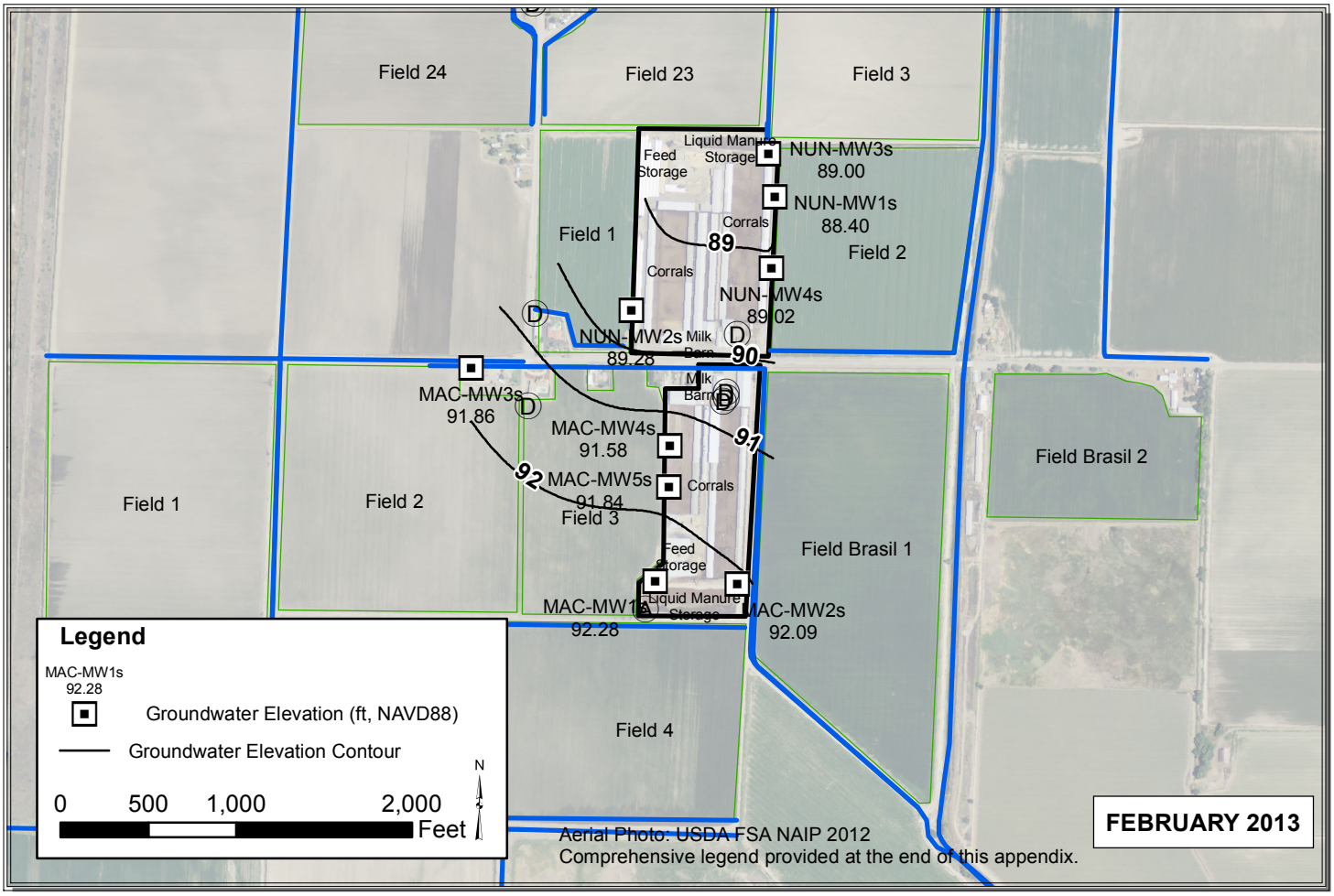

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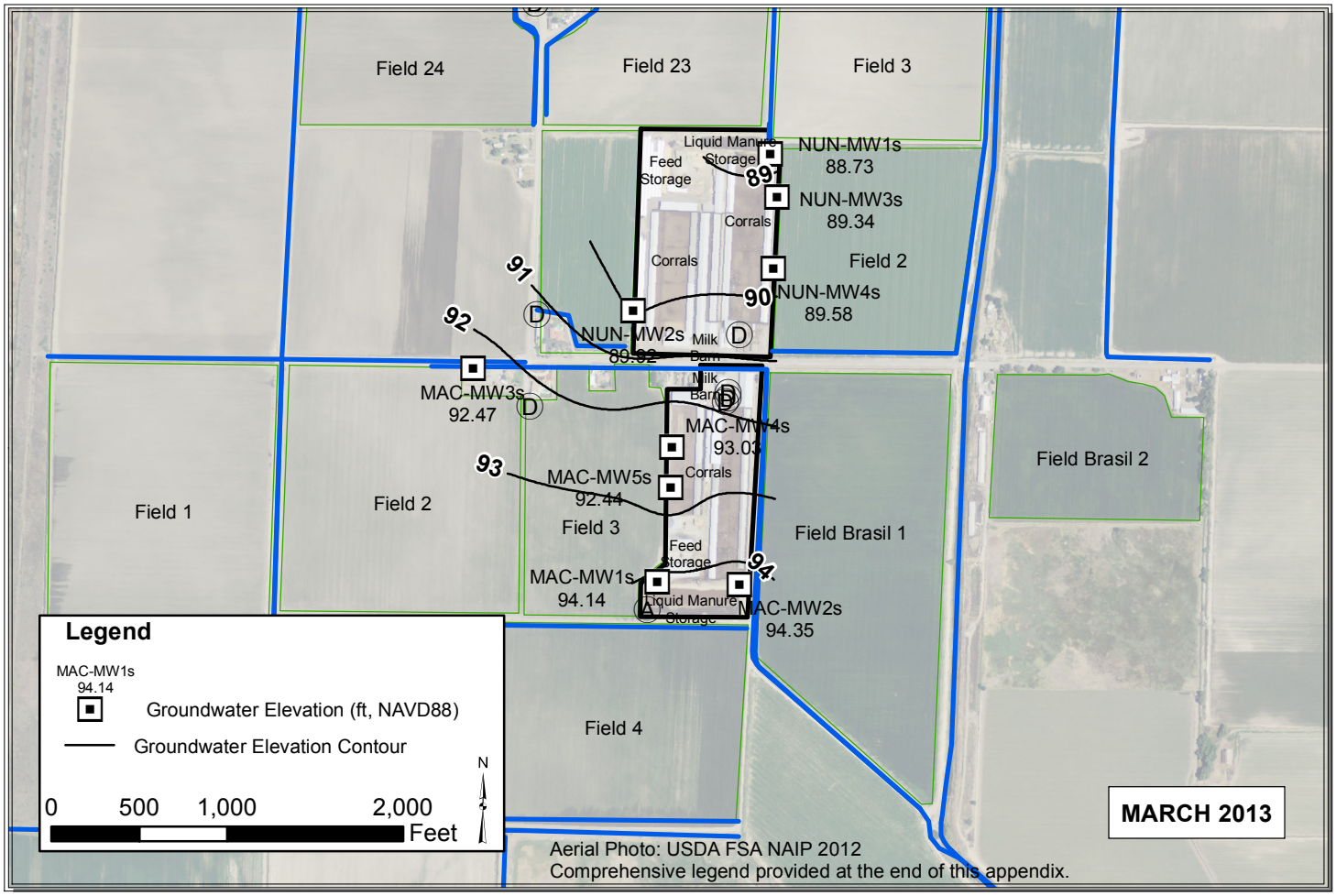

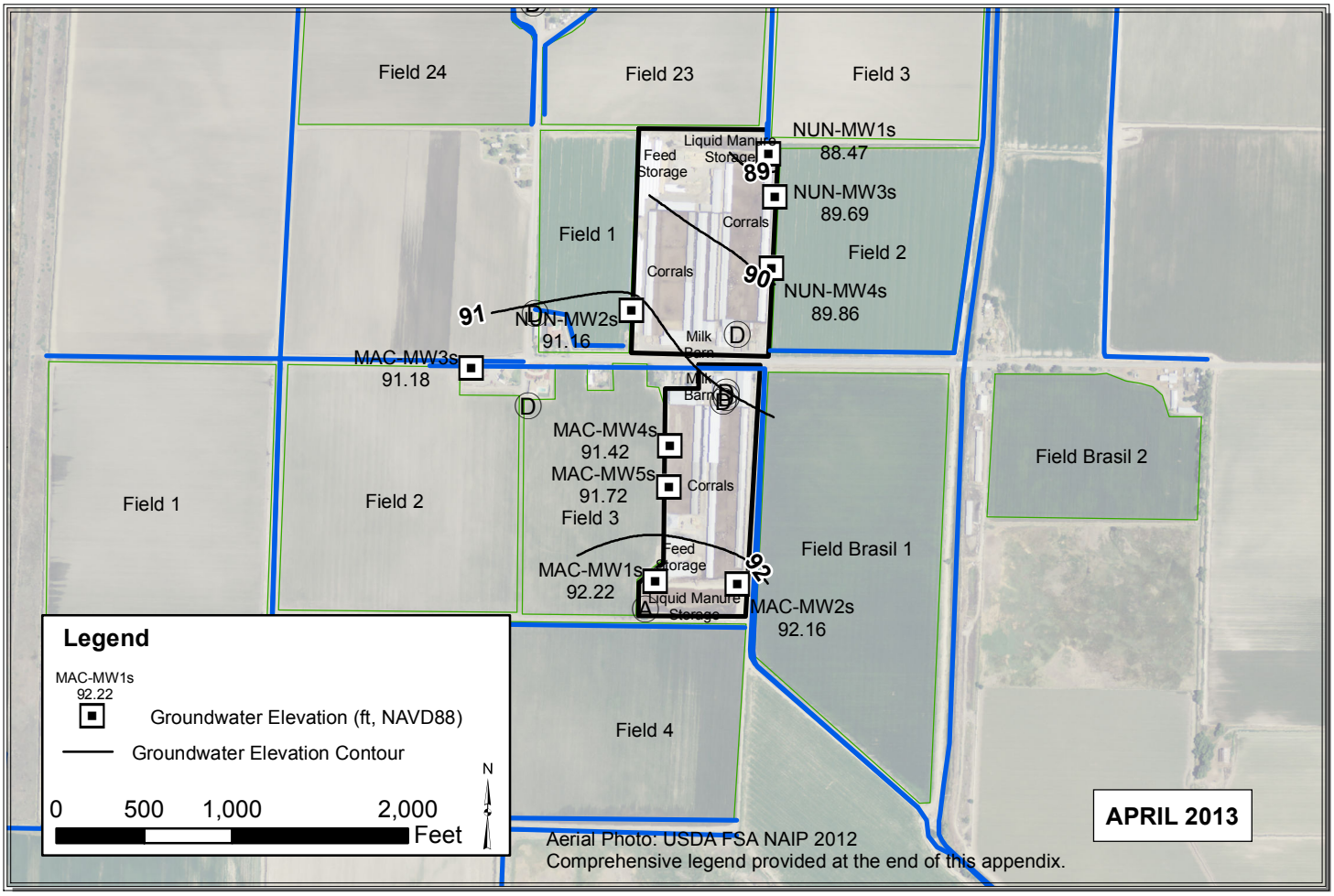

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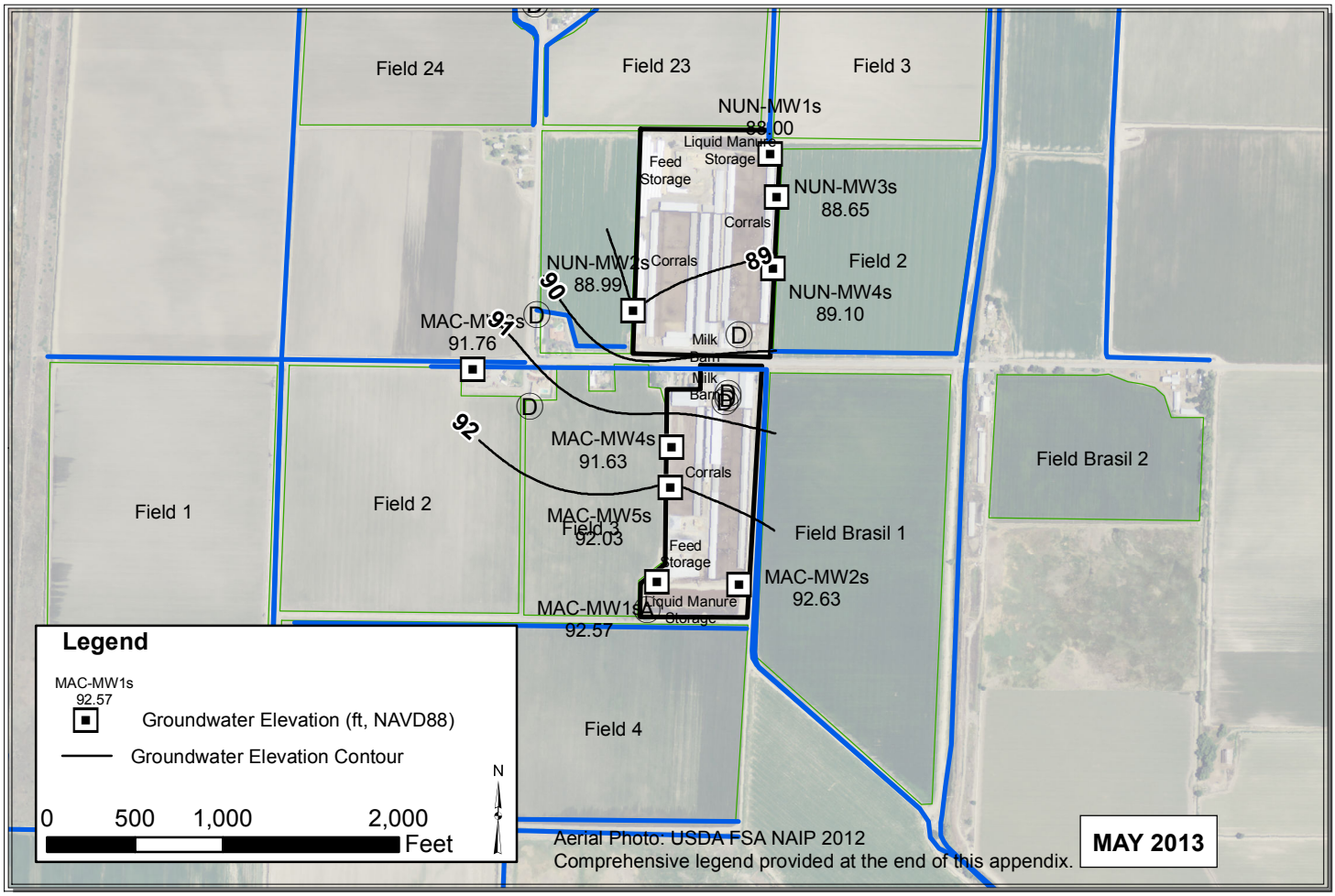

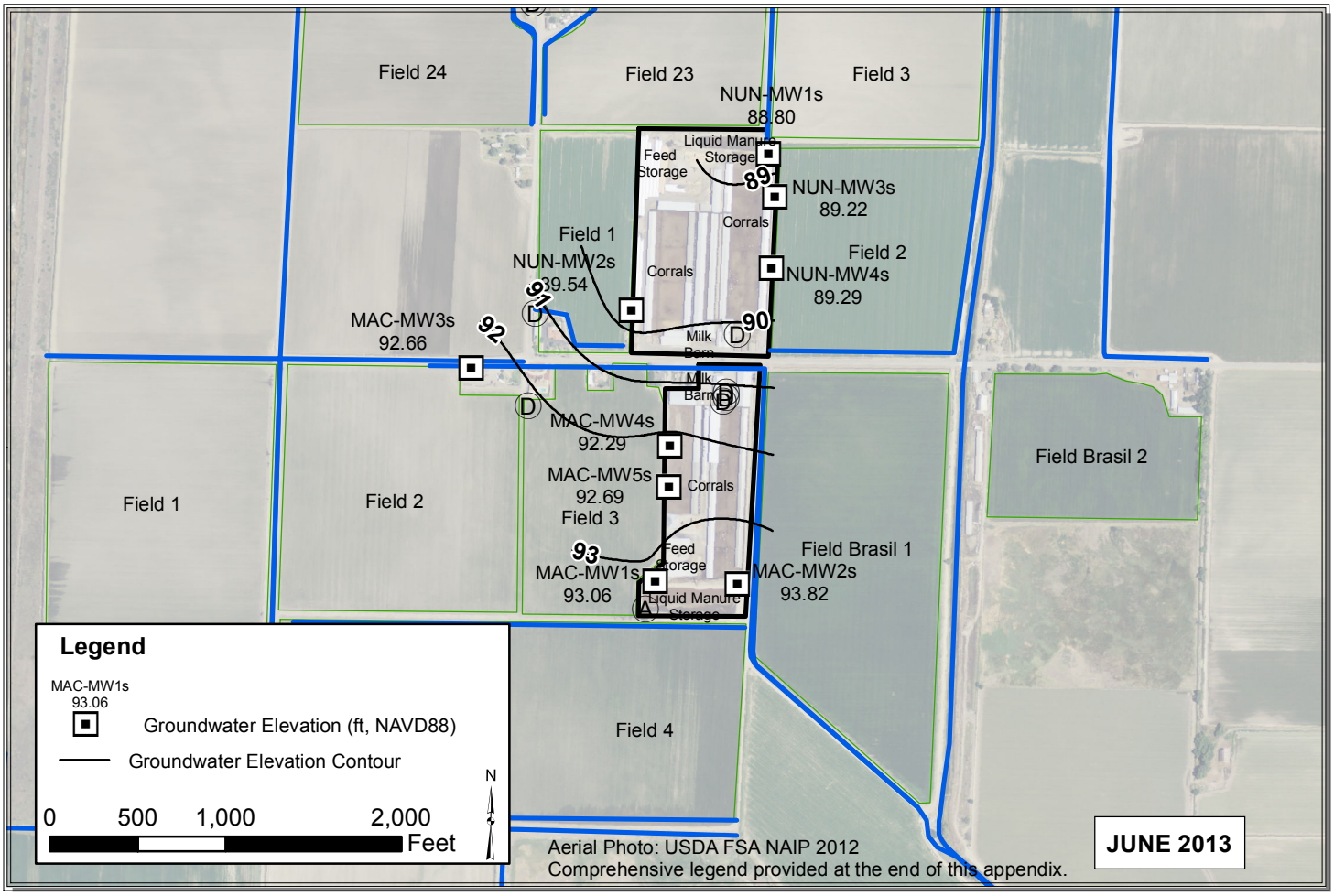

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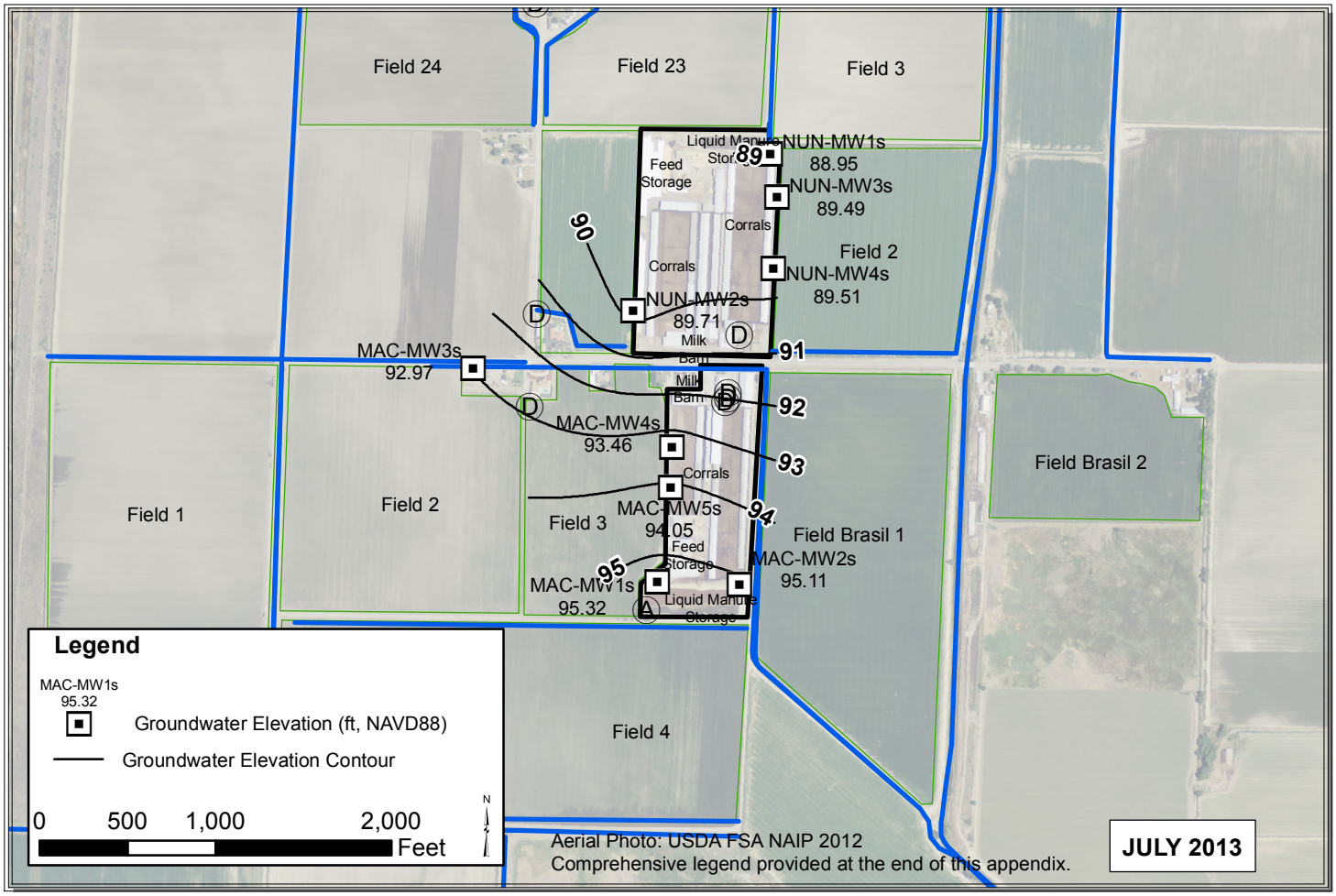

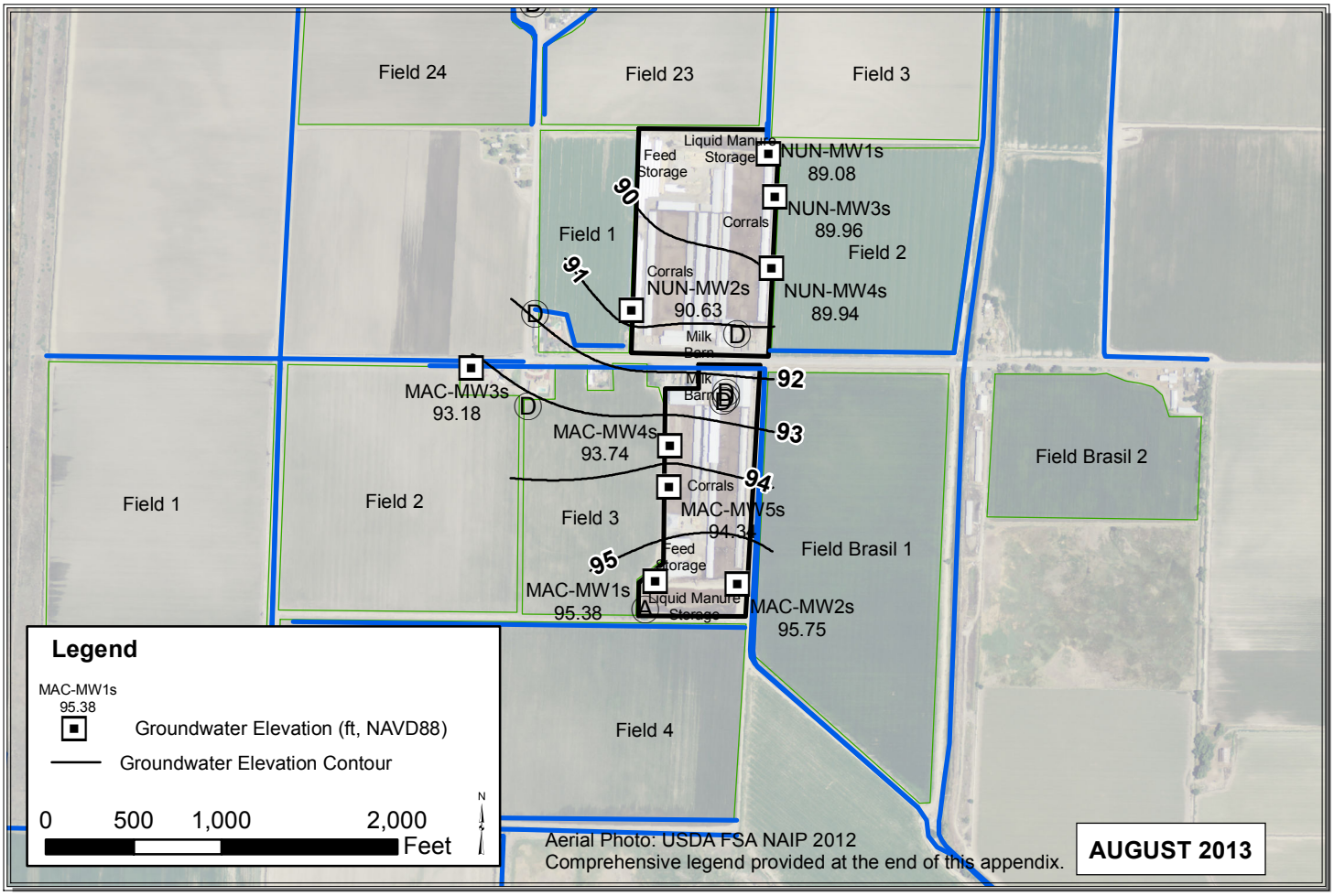

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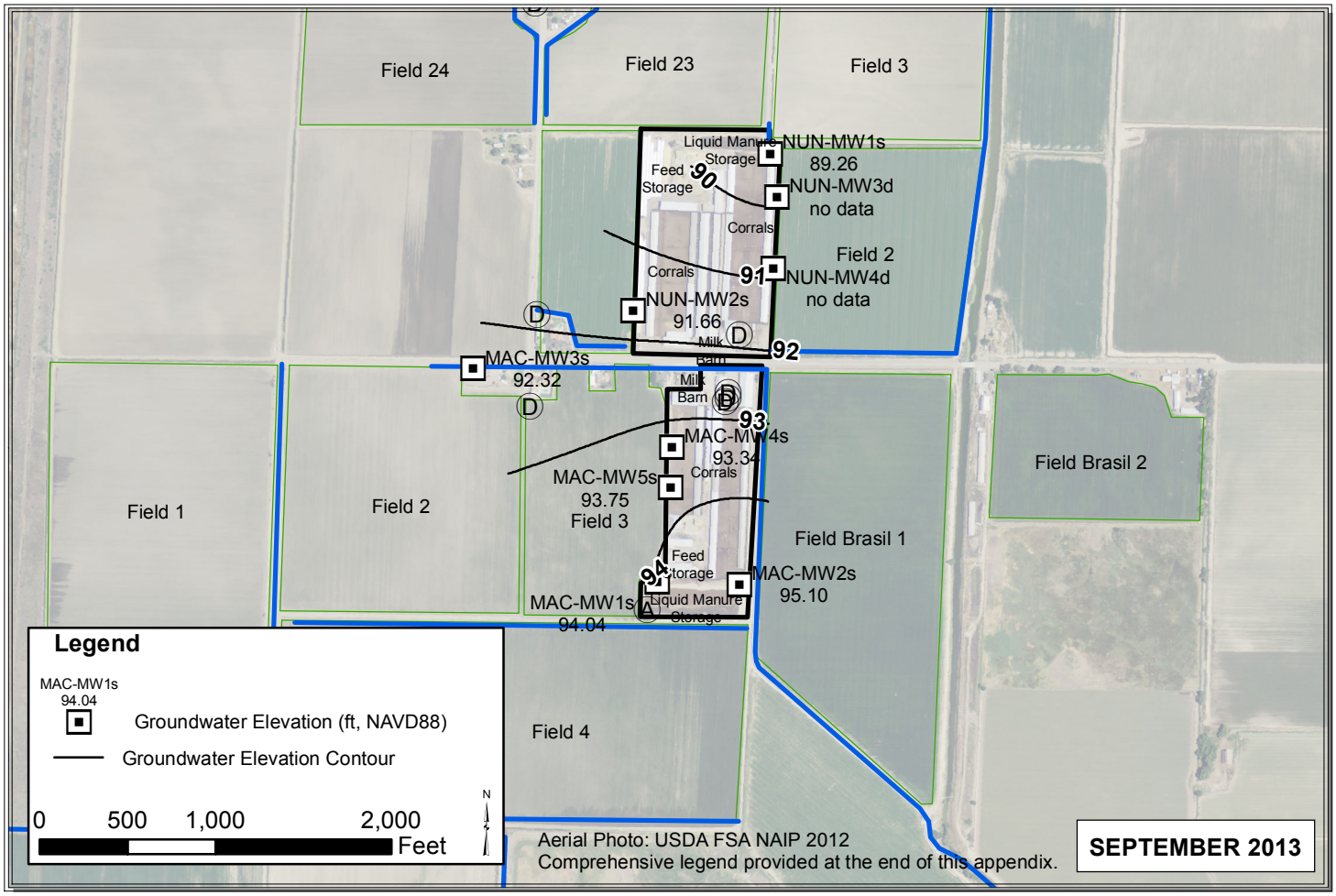

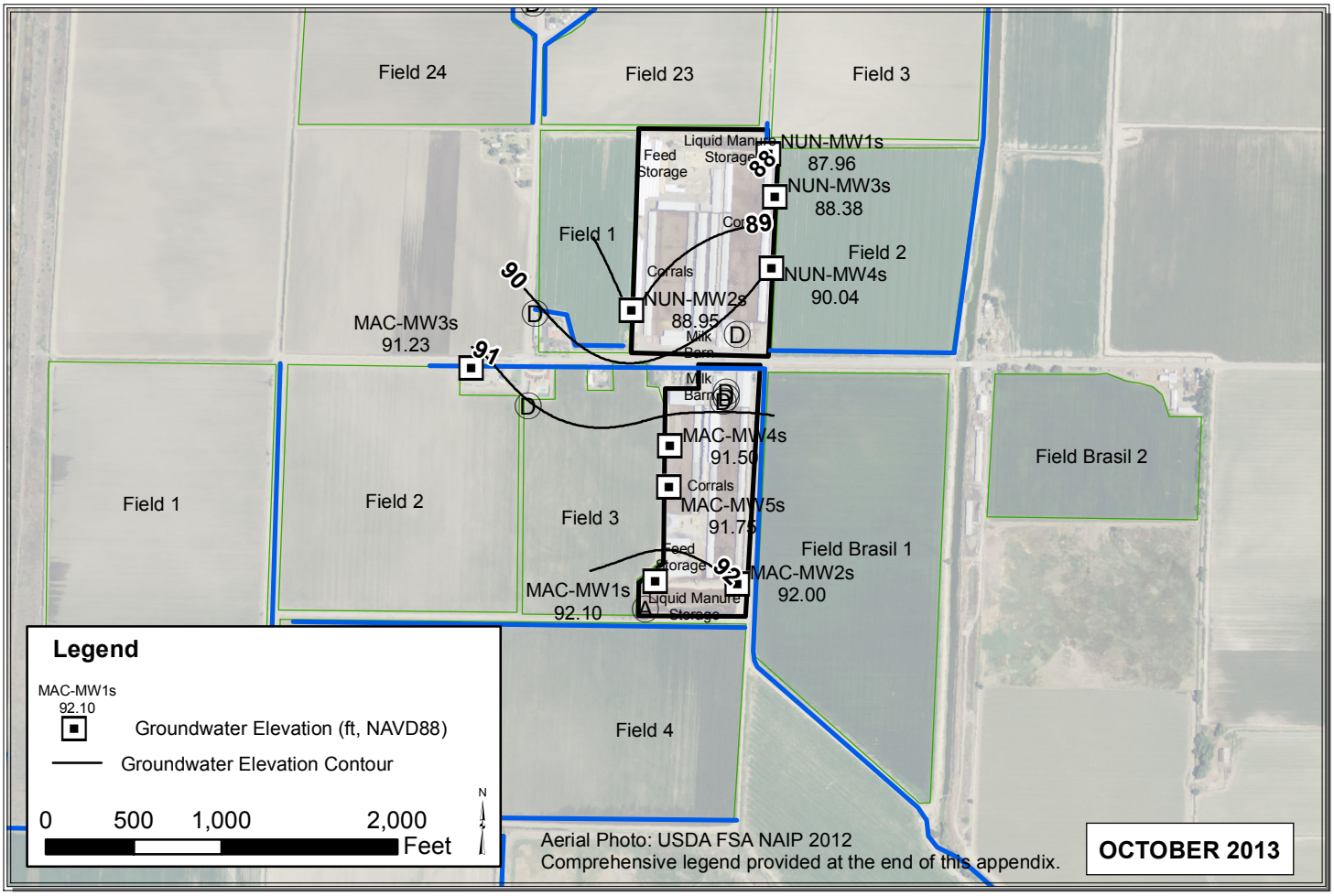

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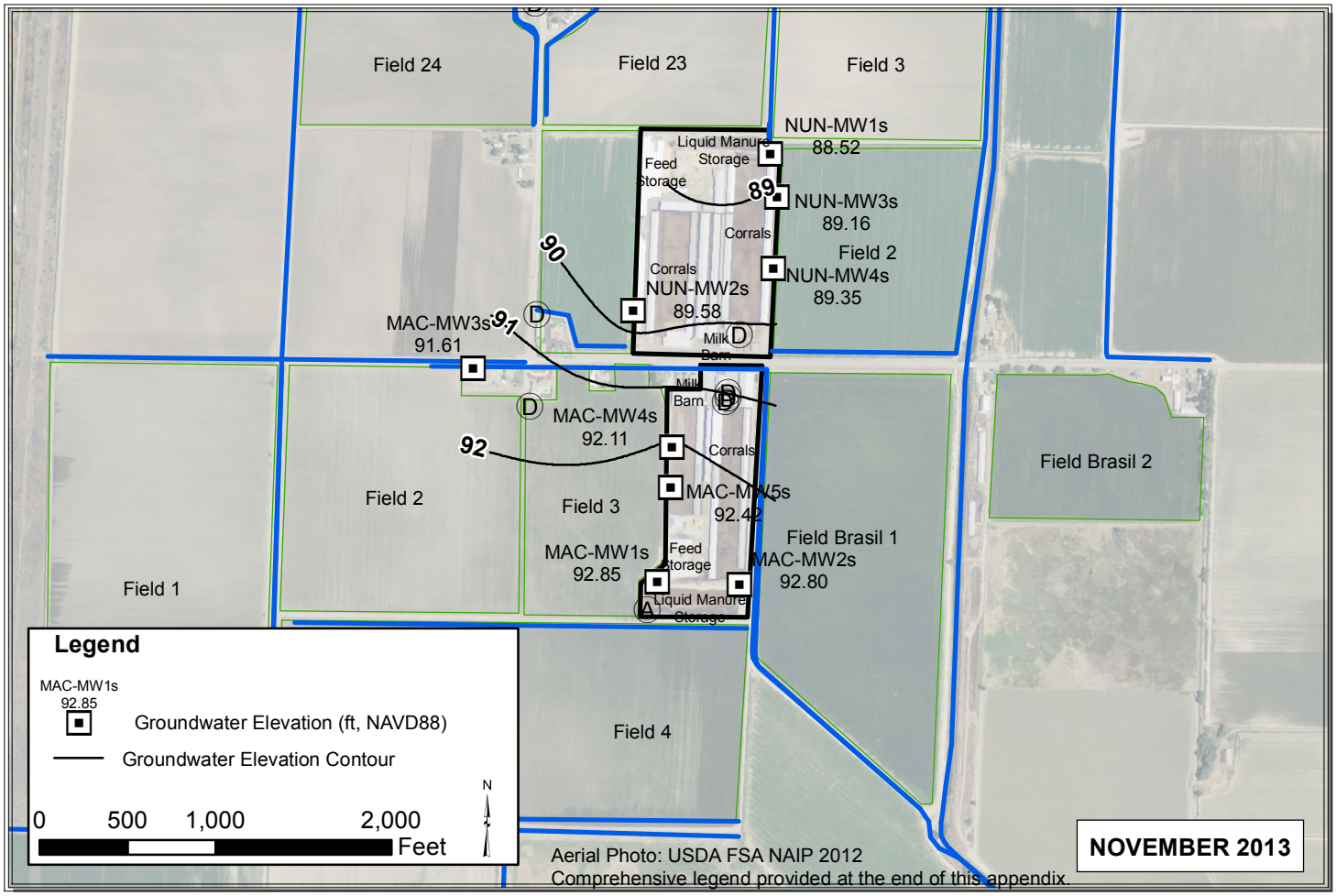

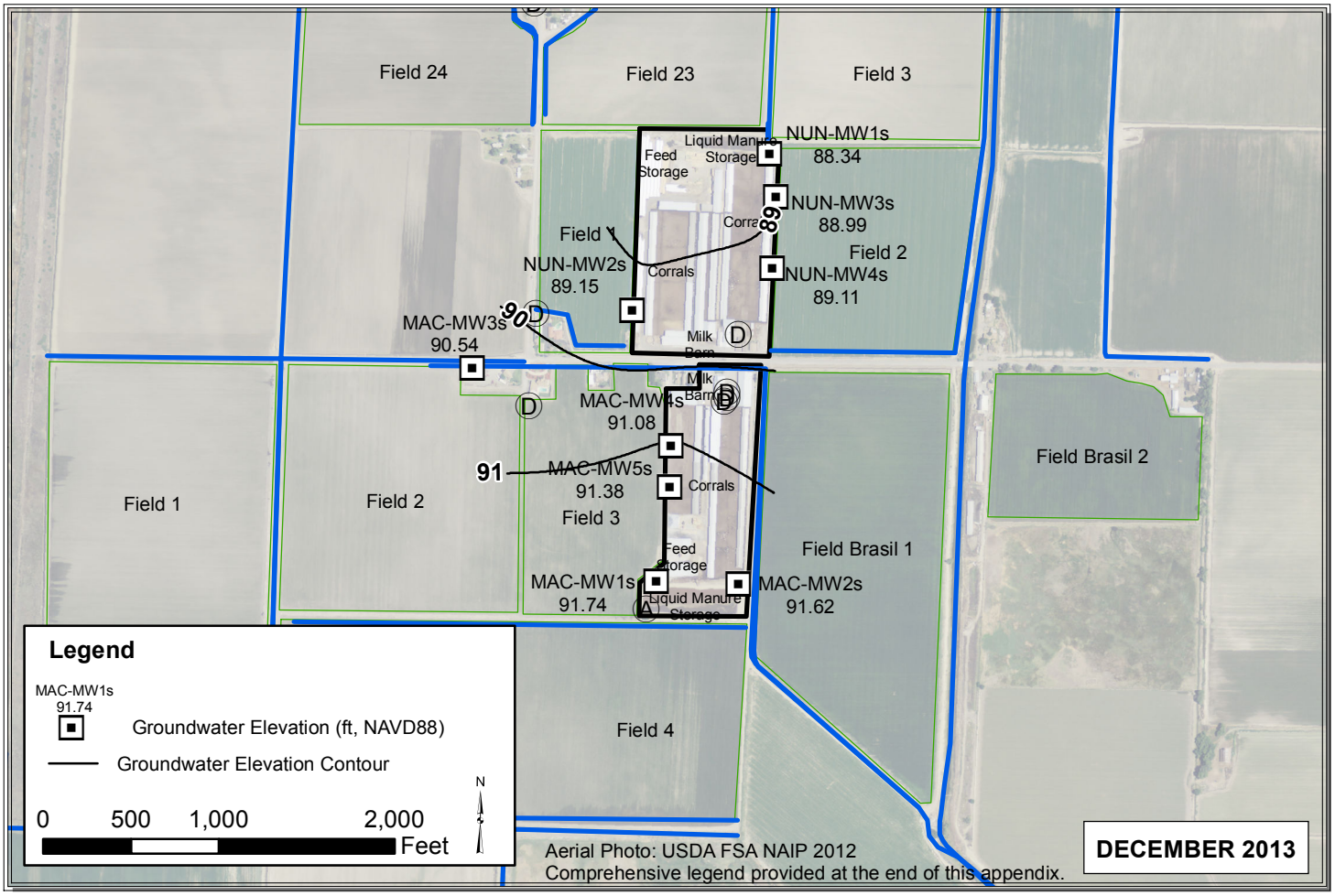

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Attachment B

- Site Maps

Legend

- Installed 1-Pipe Monitoring Well
- Installed 2-Pipe Monitoring Well
- Pre-Existing 1-Pipe Monitoring Well
- Pre-Existing 2-Pipe Monitoring Well
- Pre-Existing 3-Pipe Monitoring Well
- Ag Well
- Domestic Well
- Unknown Type Well
- Proposed Well to be Abandoned
- Proposed 1-Pipe Monitoring Well
- Proposed 2-Pipe Monitoring Well
- Dairy Production Area
- Soil Characteristic Units
- Target Areas for Soil Boring
- Box, Irrigation Control
- Box, Mixing
- Capped
- Dam
- Drain
- Drain Box, Settling Box
- Drop Box
- Flow Meter
- Flush Return Inlet Pipe
- Mechanical Separator
- Microjet Irrigation Filtration and Pumping Station
- Pump
- Pump, Floating
- Pump, Portable
- Pump, Tailwater
- Pump, Tile Drain
- Pump, Wastewater
- Stand Pipe
- TID Inlet
- Tank, Flush
- Tank, Water Storage
- Valve
- Wastewater Mixing Point
- Berms/Levees
- Canal, Concrete
- Canal, Earthen
- Culvert
- Ditch, Concrete
- Ditch, Concrete - Community
- Ditch, Earthen
- Ditch, Earthen - Community
- River or Creek
- Swale, Drainage
- Swale, Drainage - non-manure
- Flow Direction, Irrigation Flow
- Flow Direction, Surface Drainage
- Flow Direction, Tailwater Flow
- Pipeline, Freshwater
- Pipeline, Irrigation
- Pipeline, Tailwater
- Pipeline, Tailwater/Tile Drain
- Pipeline, Tile Drain
- Pipeline, Wastewater
- Setback/Physical Barrier
- Animal Housing/Shade
- Calf Barn
- Calf Hutches
- Milk Barn
- Corral
- Hay Barn
- Commodity Barn
- Shed/Shop
- Other Structure
- Feed Storage (Roofed)
- Feed Storage (on Concrete Slab)
- Feed Storage (on Earth)
- Field
- Field, Tiled
- Earthen Tailwater Pond
- Stormwater Retention Pond
- Dry Scrape Alley
- Manure Stacking Area (on Concrete Slab)
- Manure Stacking Area (on Earth)
- Solids Settling Basin
- Flush Lane
- Liquid Manure Storage
- Earthen Stacking Area
- Equipment Storage
- Concrete Processing Pit
- Concrete Sand Trap
- Digester
- Weir Box
- Waterbody

Field Crop Data on "Dairy Production Area and Associated Fields" map series are shown in black lettering on maps and organized as shown below:

CROP | Lagoon Liquor Applied (Y/N)? | Solid Manure Applied (Y/N)? | Synthetic Fertilizer Applied (Y/N)? | Irrigation Depth (inches) | N applied (lbs/acre) | Dry Yield (tons/acre) | N Application/Removal Ratio

A – Alfalfa	AH – Alfalfa Hay	C – Corn	CE – Corn Ears	CS – Corn Silage	F – Winter Forage
FA – Fallow	FM – Forage Mix	G – Grapes	L – Almonds	O – Oats Silage Soft Dough	OG – Oats Grain
OH – Oats Hay	P – Pasture	S – Sudangrass	SP – Sweet Potato	SS – Sudan Silage	SO – Sorghum
T – Triticale	W – Wheat Silage	WH – Wheat			

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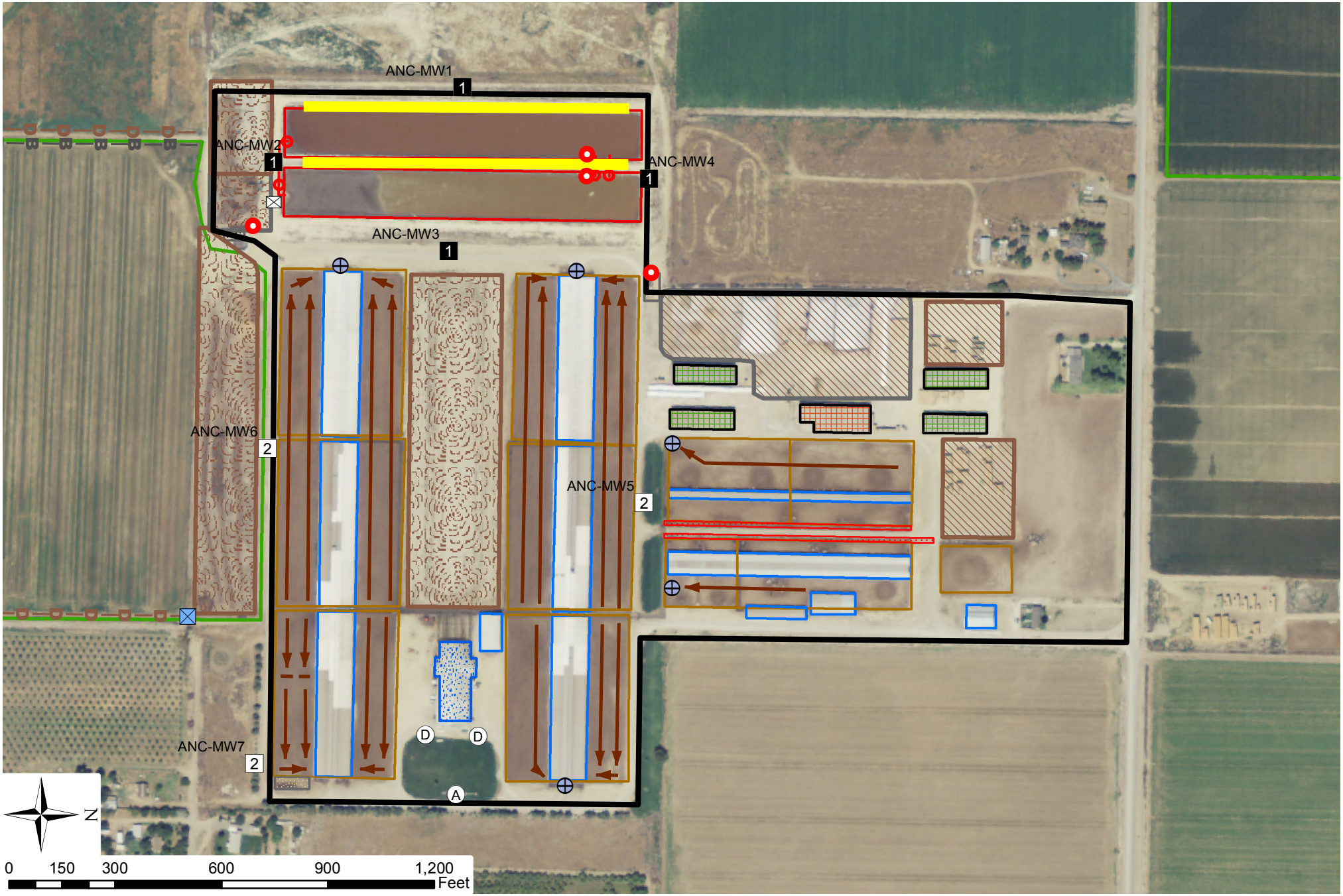

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Target Areas for Soil Boring
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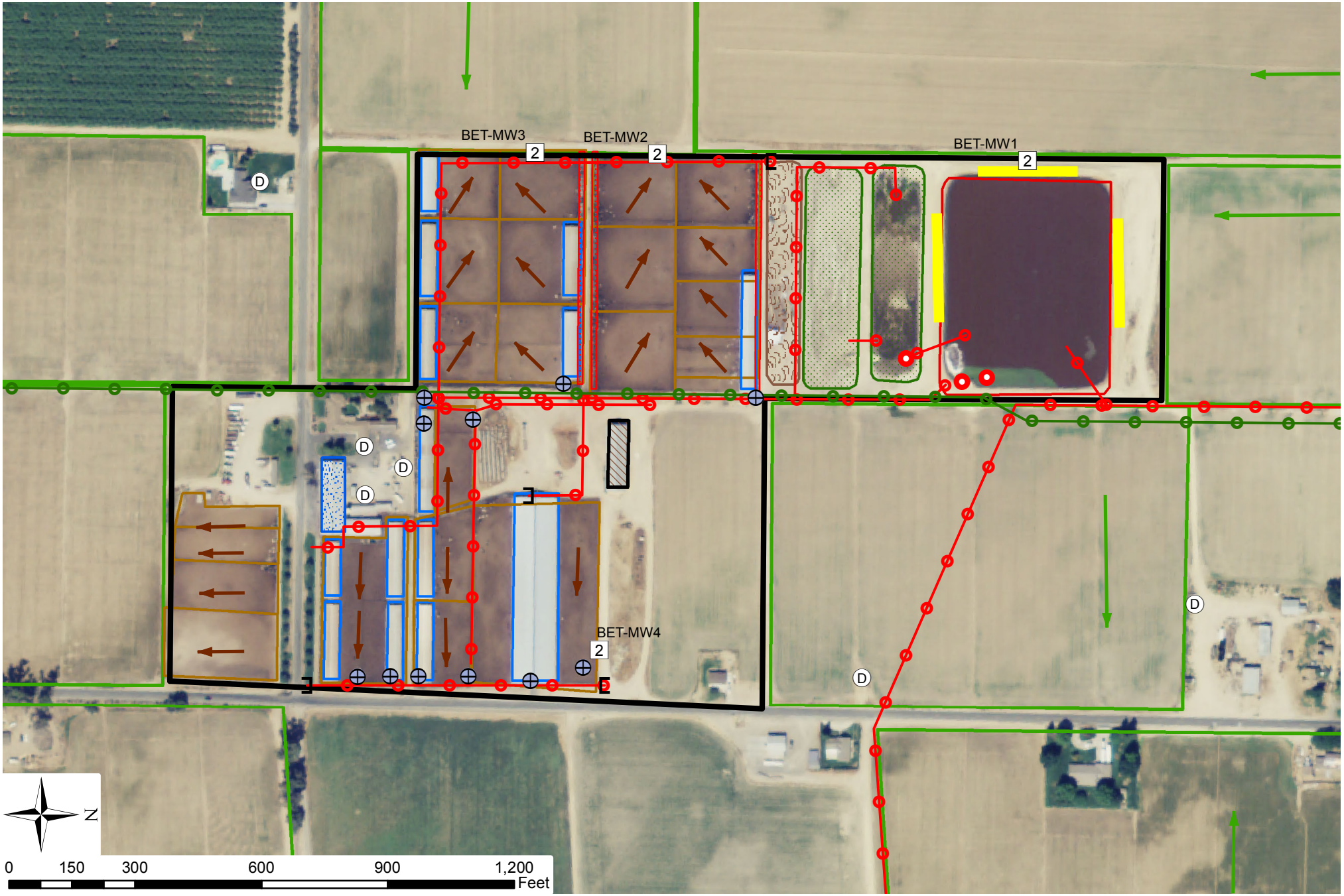
Central Valley Dairy Representative Monitoring Program



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Target Areas for Soil Boring
BET
Central Valley Dairy Representative Monitoring Program

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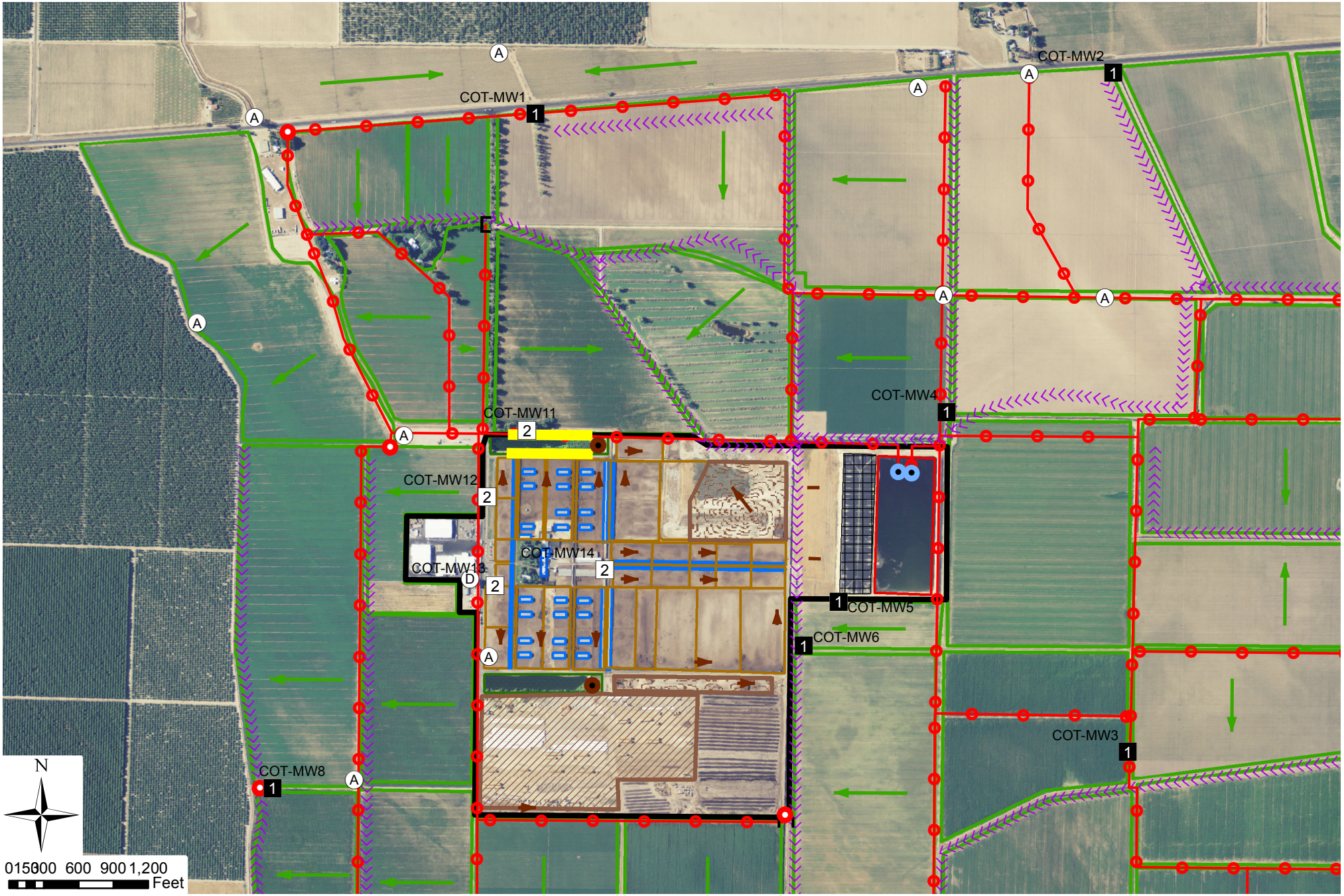
Target Areas for Soil Boring
FG1
Central Valley Dairy Representative Monitoring Program



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Target Areas for Soil Boring
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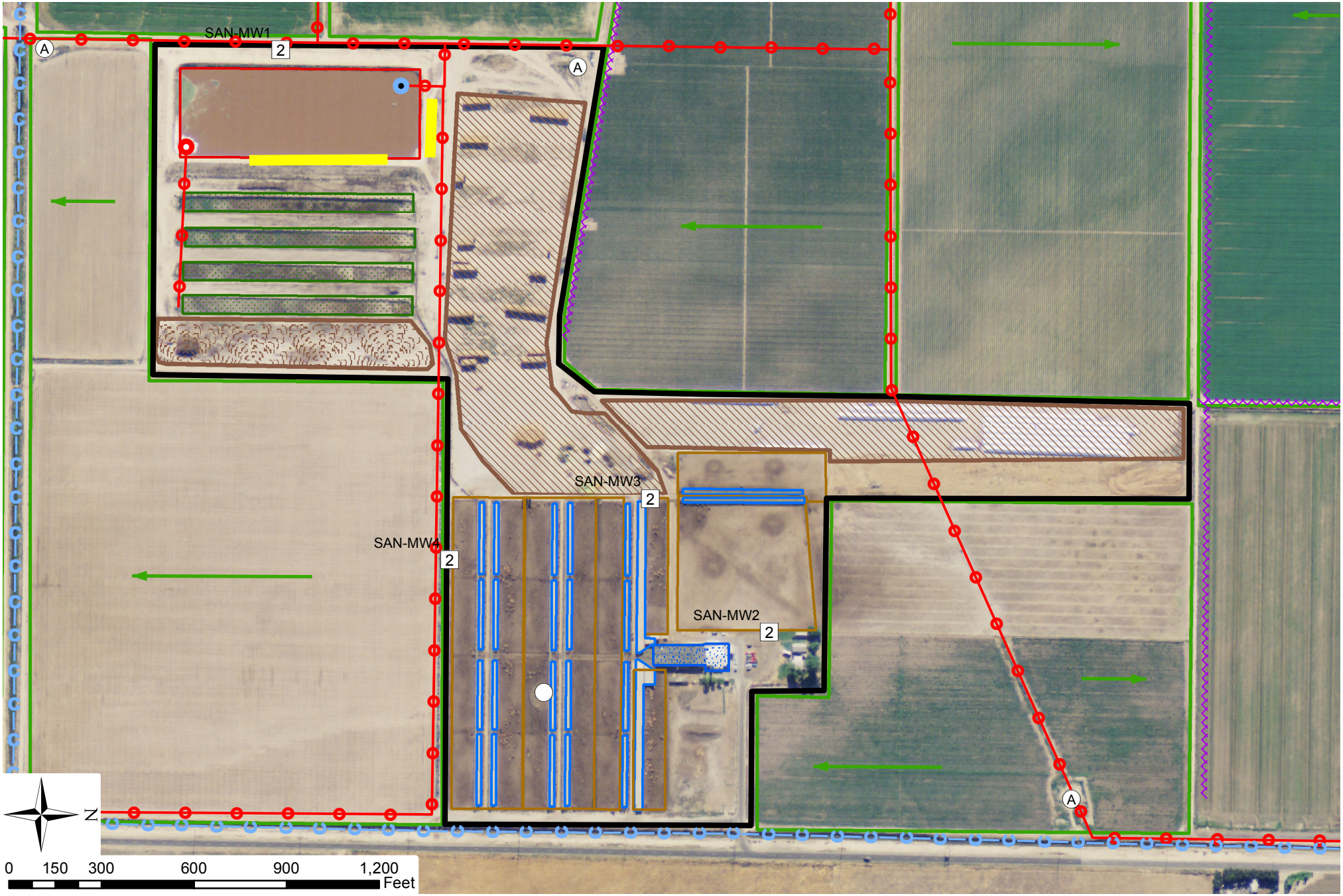

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Target Areas for Soil Boring
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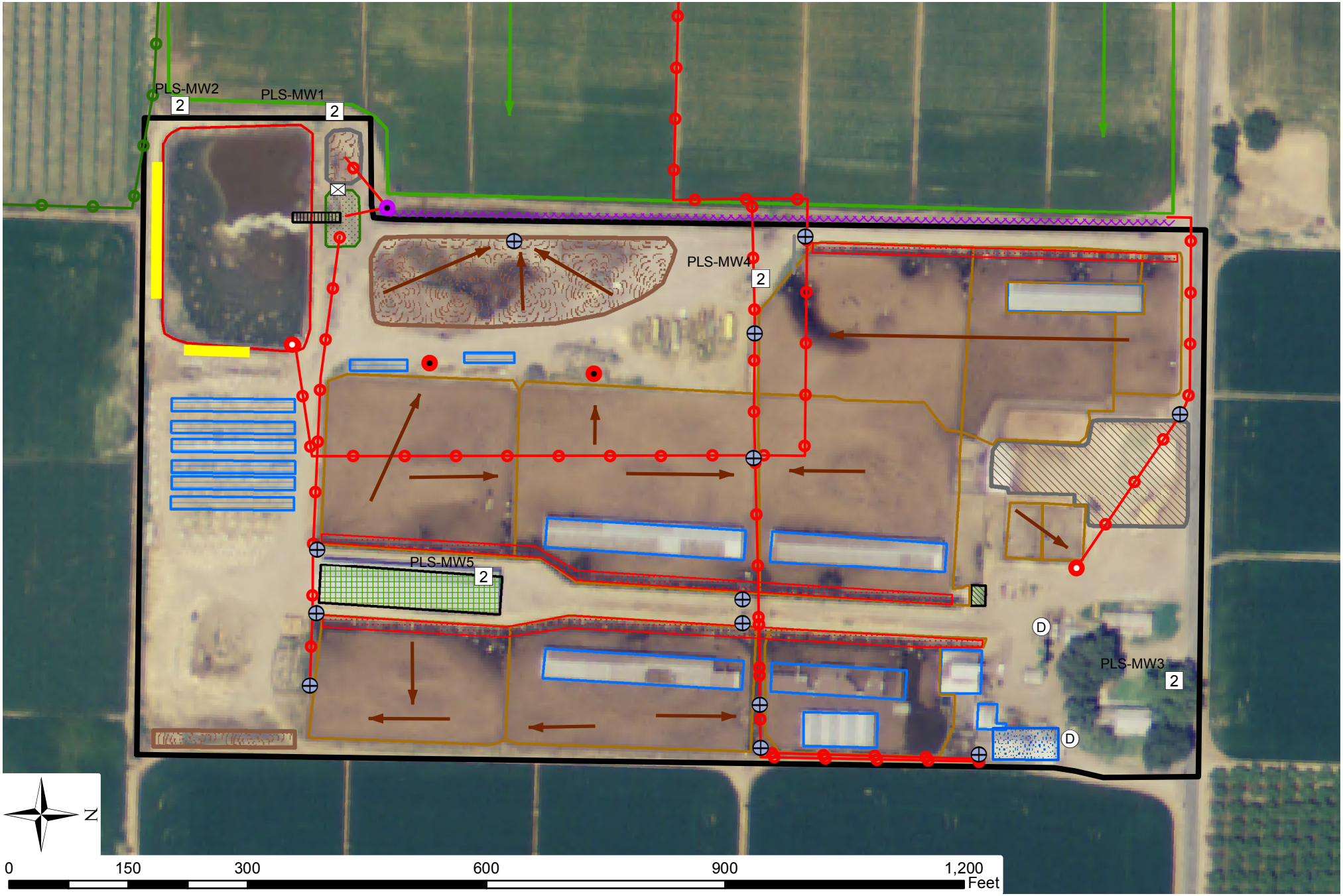
Central Valley Dairy Representative Monitoring Program



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Target Areas for Soil Boring
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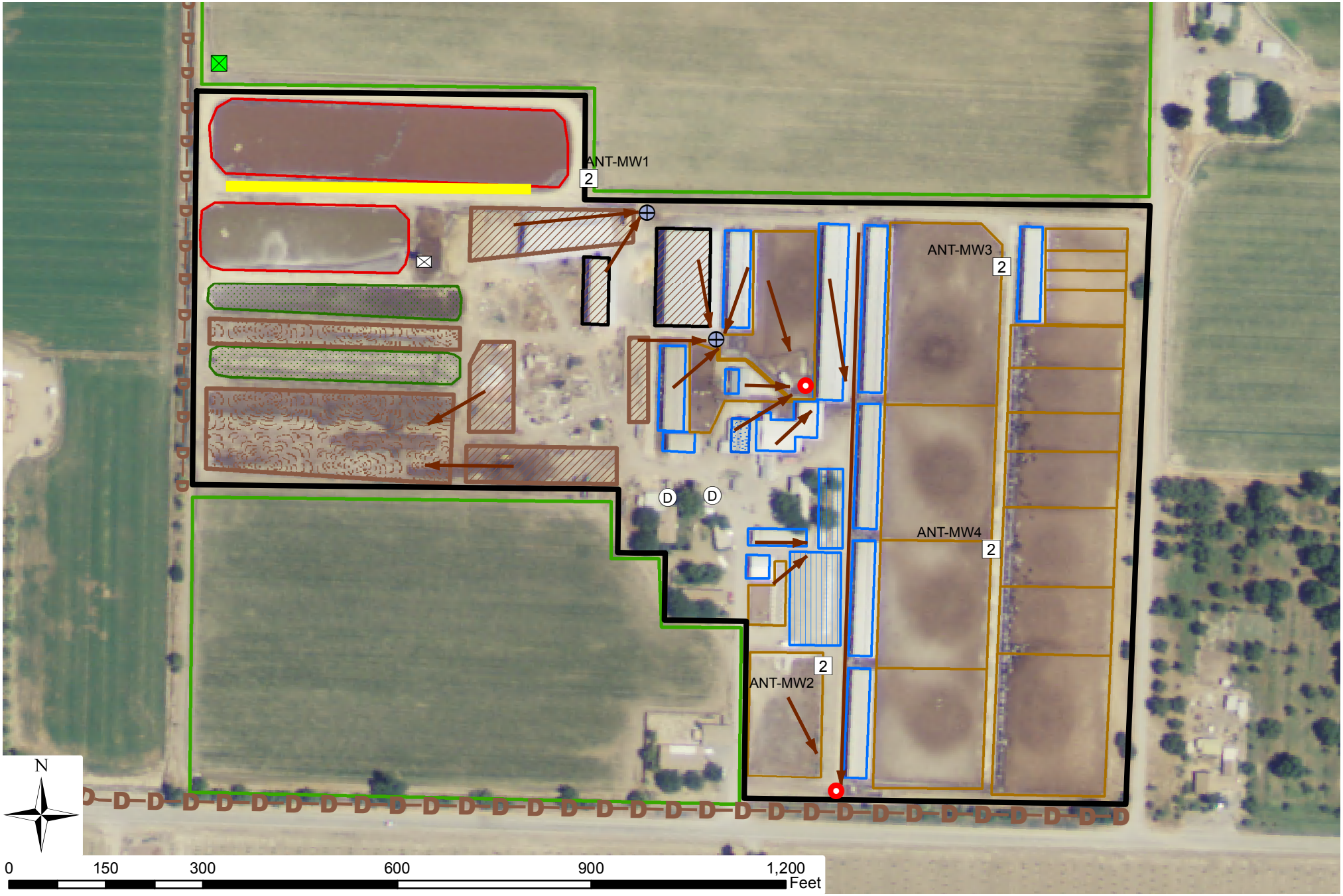

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Target Areas for Soil Boring
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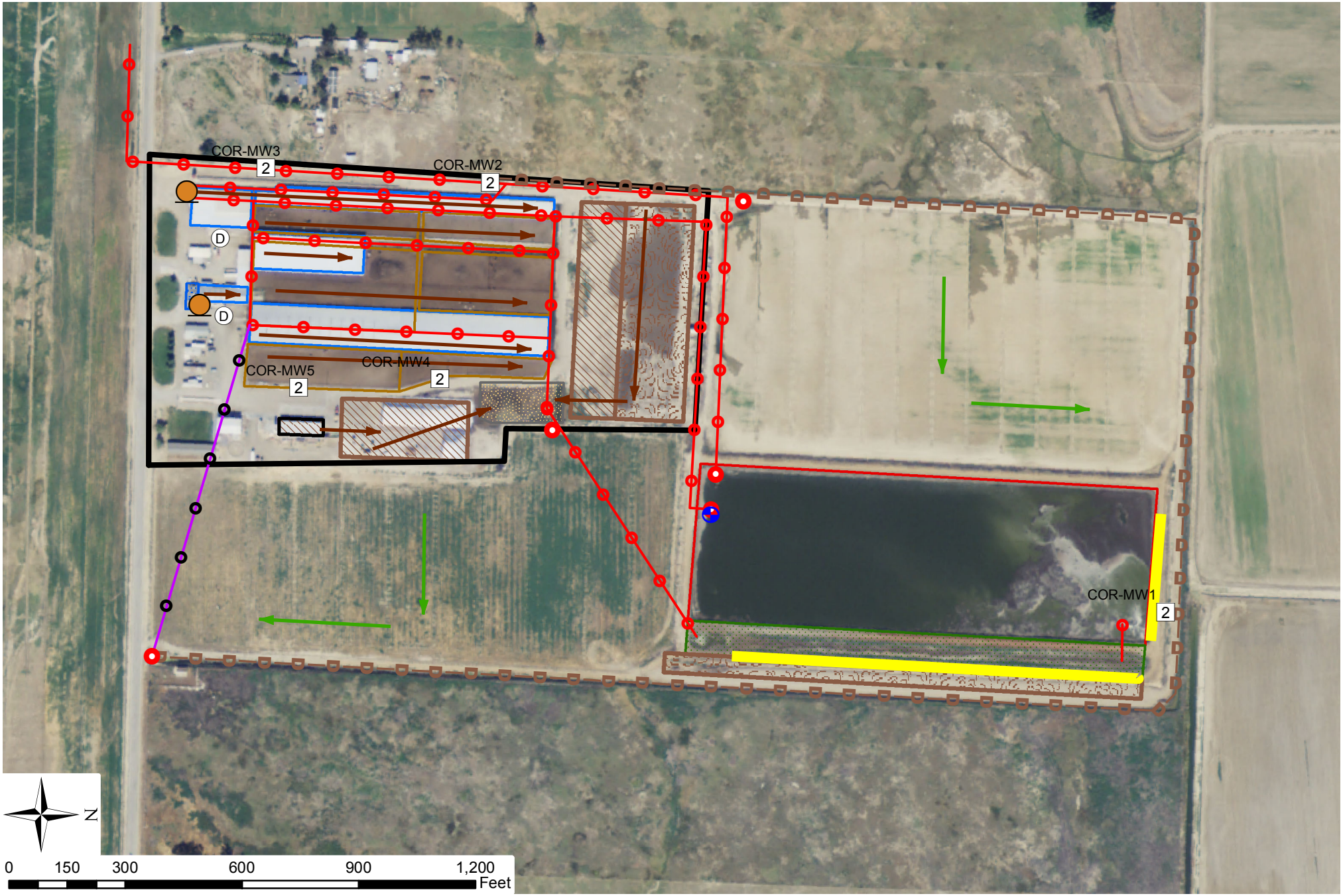

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Target Areas for Soil Boring
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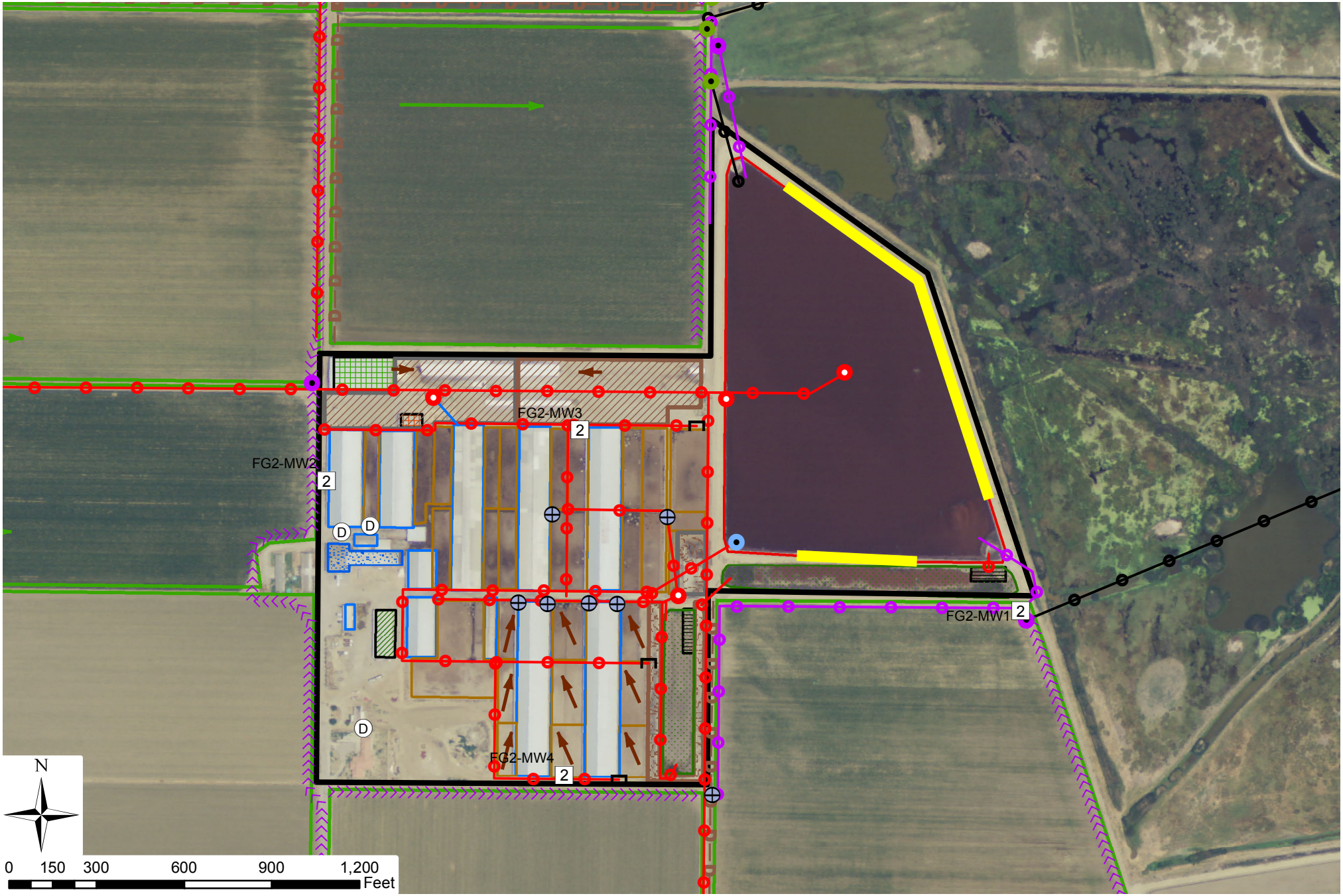

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Target Areas for Soil Boring
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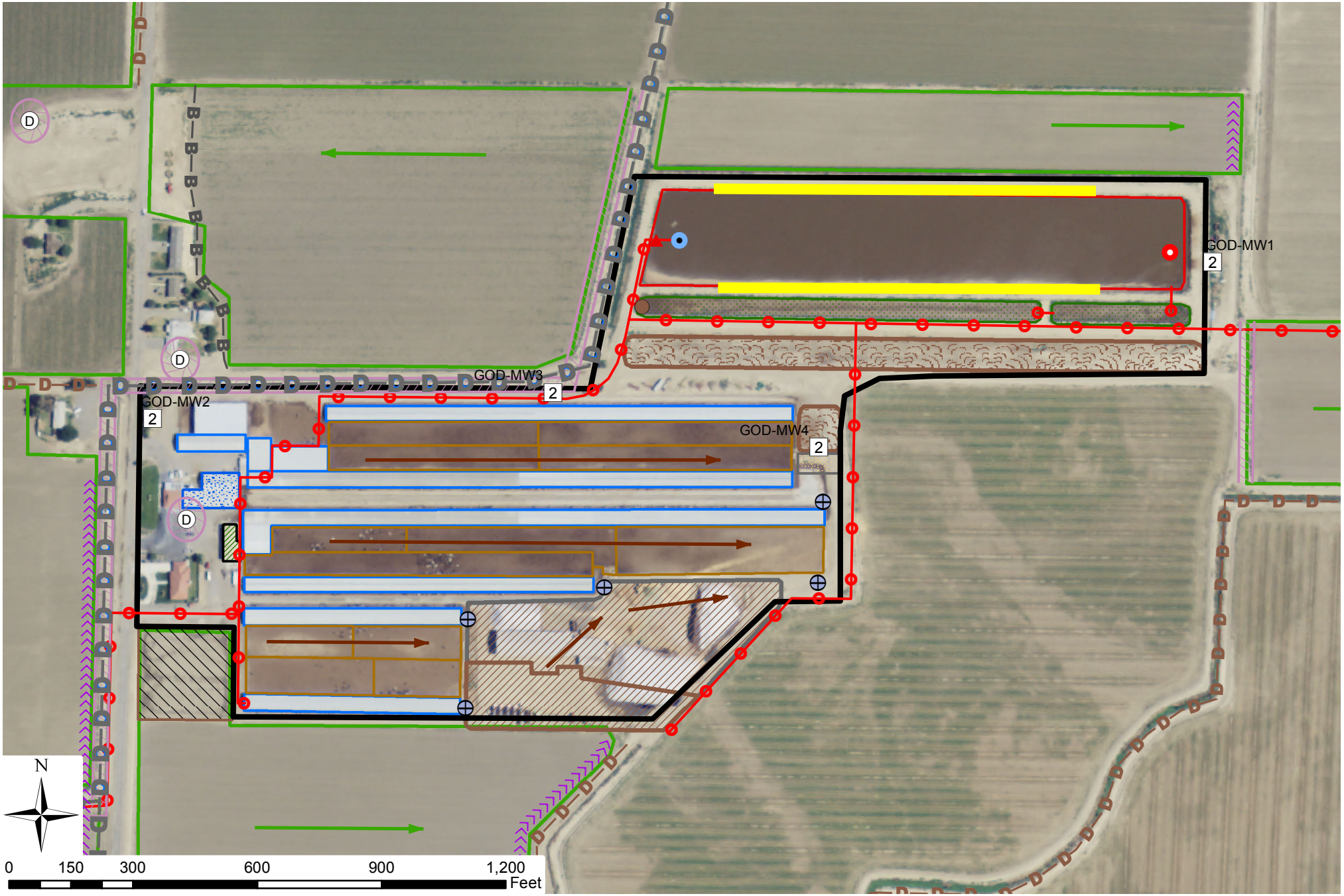
Central Valley Dairy Representative Monitoring Program



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Target Areas for Soil Boring
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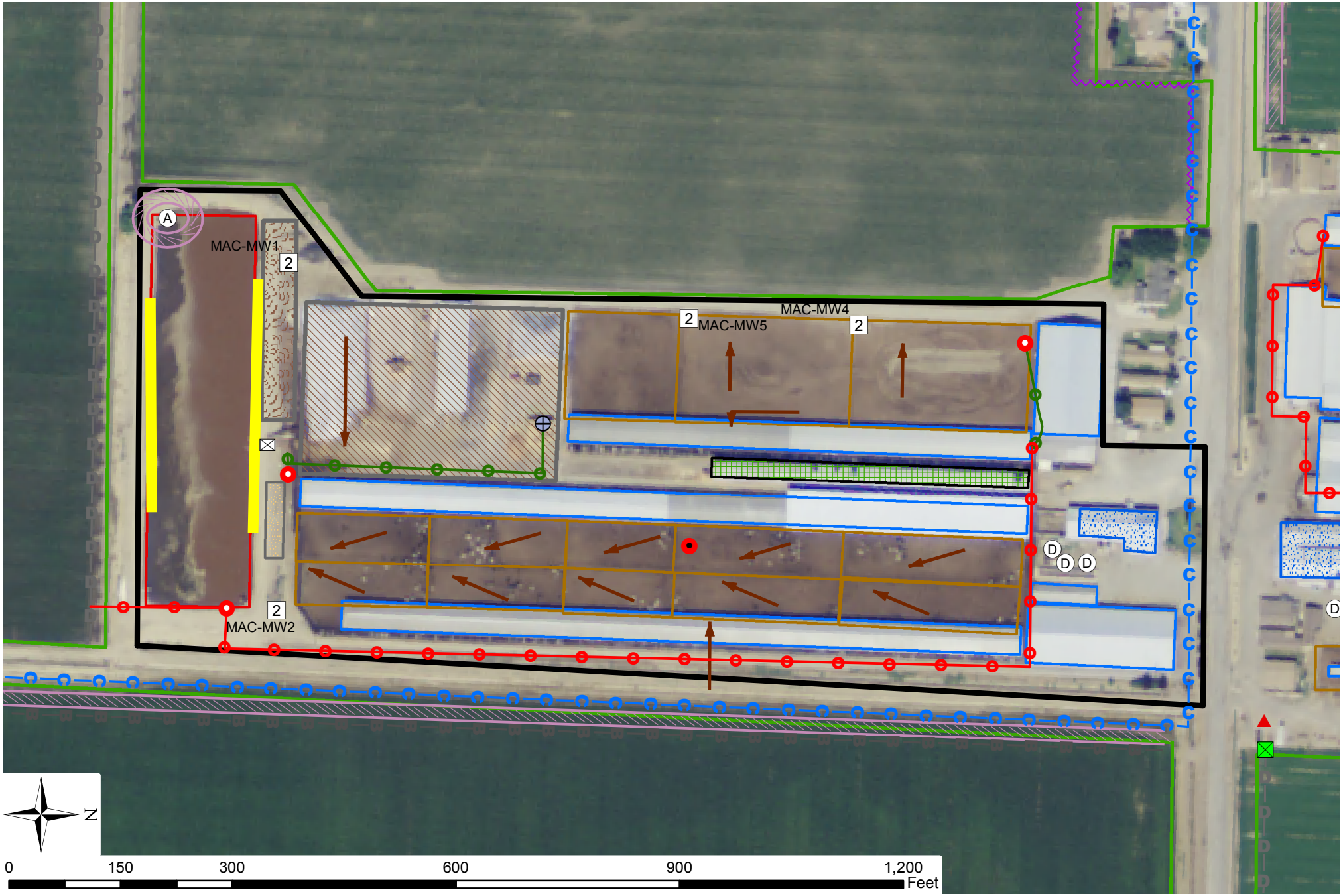
Central Valley Dairy Representative Monitoring Program



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Target Areas for Soil Boring
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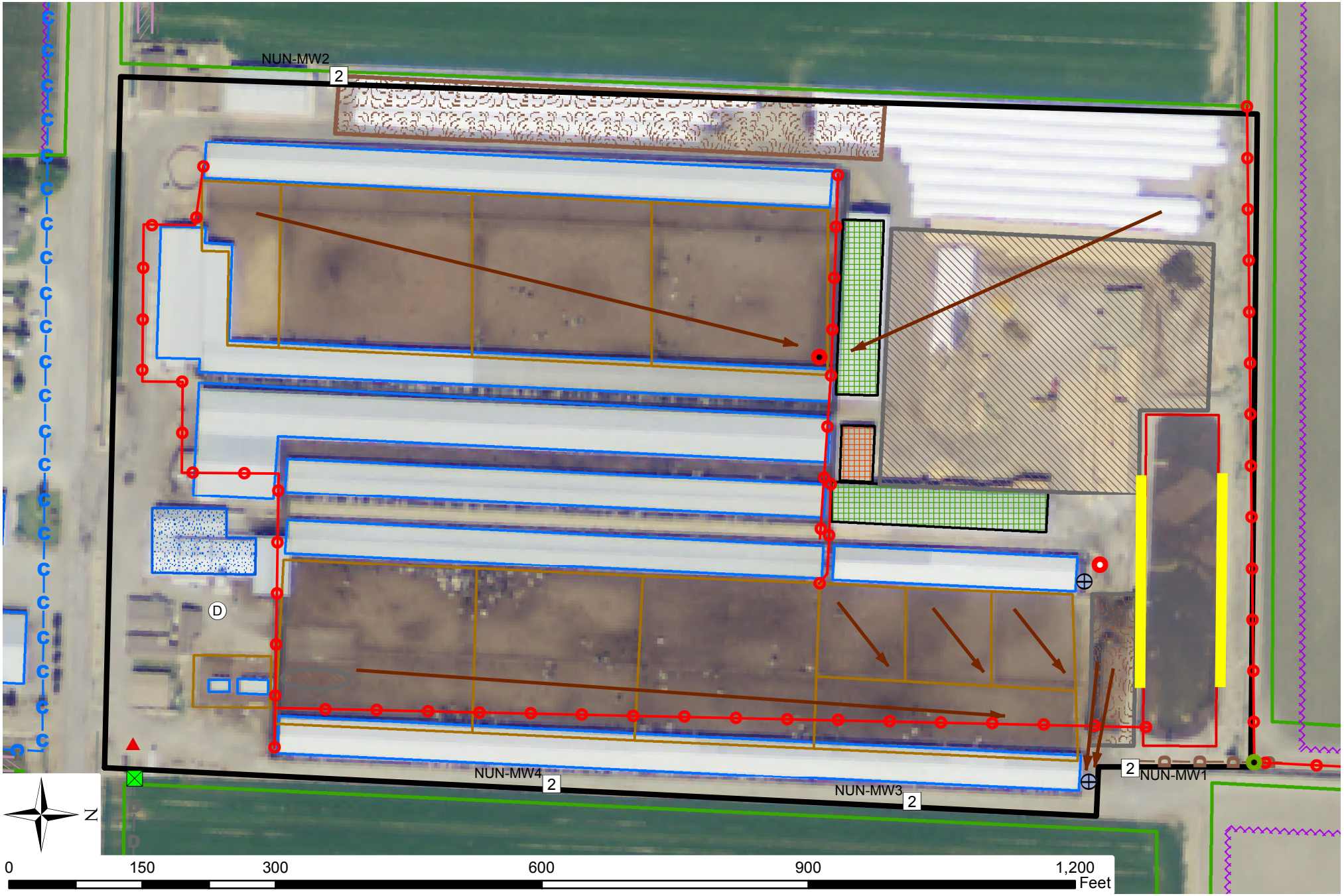

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Target Areas for Soil Boring
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Central Valley Dairy Representative Monitoring Program