

Albert Frei and Sons, Inc Stagecoach Pit - M-1983-067
MONITOR WELL DATA FROM SEPTEMBER 2008 THROUGH FEBRUARY 2018
GROUNDWATER ELEVATIONS

UPDATED: 2/28/18 12:54 PM

MONITOR WELL NO.	MW 01	MW 02	MW 03	MW 04	MW 05	MW 06	MW 07	MW 08	NOTES
NORTHING, FT	75892330%	75830640%	75768370%	75697840%	75653931%	75706710%	75740700%	75934160%	
EASTING, FT	20349790%	20312320%	20275590%	20232960%	20179993%	20184830%	20278200%	20340570%	
ELEVATION (TOG), FT	5020.10	5021.60	5023.90	5020.30	5020.62	5015.10	5023.10	5011.30	
CASING HEIGHT, FT	2.80	3.00	1.30	2.40	0.00	1.60	1.70	3.00	
ELEVATION (TOC), FT	5022.90	5024.60	5025.20	5022.70	5020.62	5016.70	5024.80	5014.30	
9/16/2008	5007.99	5011.25	5012.56	Not Sampled	Not Sampled	Not Sampled	5015.13	Not Sampled	
No Sampled collected by LaFarge from 10-08 TO 8-09									
8/20/2009	5011.80	5014.12	5013.72	5014.25	5008.82	5009.61	5016.58	5006.53	Permit transferred to Frei
9/14/2009	5011.40	5013.69	5013.32	5014.00	5008.52	5009.05	5016.72	5006.20	
10/14/2009	5011.23	5013.56	5013.20	5013.92	5008.52	5008.95	5016.27	5006.14	
11/12/2009	5011.04	5013.26	5011.88	5013.56	5008.07	5008.80	5016.18	5005.93	
12/10/2009	5011.10	5013.30	5012.95	5013.60	5008.12	5008.84	5016.25	5006.00	
1/14/2010	5010.15	5012.37	5012.07	5013.00	5007.62	5008.46	5015.42	5005.62	
2/8/2010	5010.23	5012.47	5012.14	5013.09	5007.70	5008.55	5015.49	5005.71	
3/15/2010	5009.32	5011.47	5011.20	5012.25	5006.95	5008.20	5014.71	5005.11	
4/14/2010	5009.52	5011.66	5011.40	5010.38	5007.17	5008.30	5015.30	5005.18	Pipeline from Zigan lake to river completed
5/14/2010	5009.52	5011.70	5011.45	5011.99	5007.22	5008.34	5015.35	5005.23	
6/8/2010	5009.81	5012.00	5011.72	5012.81	5007.58	5008.48	5015.62	5005.50	
7/19/2010	5007.21	5011.45	5012.10	5013.98	5008.92	5008.20	5016.46	4998.83	Dewatering begins 6/2010
8/16/2010	5006.21	5010.73	5011.65	5013.69	5008.62	5008.80	5016.34	4997.88	
9/7/2010	5006.30	5010.80	5011.71	5013.75	5008.62	5008.84	5016.40	4997.92	
10/8/2010	5006.24	5010.72	5011.60	5013.67	5008.58	5008.76	5016.34	4997.86	
11/12/2010	5004.27	5008.04	5009.48	5013.25	5008.62	5008.50	5016.54	dry	
12/8/2010	5004.35	5008.10	5009.55	5013.30	5008.51	5008.40	5016.56	dry	
1/11/2011	5004.31	5008.10	5009.40	5013.22	5008.52	5008.45	5016.59	dry	
2/8/2011	5007.28	5009.66	5010.40	5012.80	5007.97	5008.23	5015.67	4997.19	
3/8/2011	5008.30	5010.78	5011.30	5012.90	5008.52	5008.28	5015.83	4997.96	
4/14/2011	5002.82	5006.02	5008.08	5011.93	5007.22	5008.20	5013.58	dry	
5/9/2011	5002.85	5006.06	5008.15	5011.95	5007.32	5008.25	5013.63	dry	
6/15/2011	5003.86	5006.64	5009.10	5012.41	5008.22	5008.35	5014.26	4992.58	
7/11/2011	5005.25	5009.45	5011.14	5013.77	5008.62	5009.50	5016.50	dry	Quarterly monitoring begins
10/10/2011	5004.70	5009.09	5010.12	5012.36	5008.62	5008.65	5016.11	dry	
1/13/2012	5002.67	5005.78	5006.68	5010.25	5008.37	5008.50	5014.37	dry	
4/4/2012	5003.70	5006.70	5007.35	5010.85	5008.78	5007.85	5012.90	4994.67	Dewatering ends March 2012
7/20/2012	5006.83	5010.74	5010.97	5013.05	5009.12	5009.09	5016.15	4997.76	
10/3/2012	5011.67	5014.04	5013.05	5014.03	5009.47	5009.20	5016.41	5008.19	
12/14/2012								5010.60	Data collected by DRMS
North trench installed and and slough area cleaned to improve drainage. 1/3/13									
1/9/2013	5010.20							5009.47	Data collected by AFS
1/24/2013	5010.20	5014.59	5013.49	5014.32	5009.68	5009.50	5015.60	5008.64	
1/25/2013	5010.20							5009.47	Data collected by AFS
3/1/2013	5009.90							5009.25	Data collected by AFS
3/29/2013	5012.69	5014.80	5013.69	5014.45	5010.02	5009.60	5015.73	5008.83	
5/23/2013	5010.50							5009.65	Data collected by AFS
7/2/2013	5013.00	5014.69	5014.16	5014.83	5009.88	5009.55	5015.90	5008.99	Backfilling ends June 2013
8/26/2013	5010.30							5009.45	Data collected by AFS
10/1/2013	5011.20	5012.87	5013.98	5013.43	5011.76	5008.80	5015.32	5007.42	
1/8/2014	5010.07	5011.55	5012.78	5012.58	5010.52	5007.65	5014.42	5006.27	1ST QUARTER
3/30/2014	5009.16	5010.64	5011.69	5011.26	5009.58	5007.50	5013.00	5004.66	2ND QUARTER
8/11/2014	5010.38	5011.87	5013.05	5012.64	5010.02	5008.05	5014.40	5006.24	3RD QUARTER
9/16/2014	5011.05	5012.77	5013.90	5012.95			5015.43	5007.27	Zigan lake drain to river complete 9/6/14
10/7/2014	5010.90	5012.10	5013.70	5012.90			5015.20	5007.22	Data collected by Environment inc
11/4/2014	5010.55	5012.10	5013.25	5012.55			5014.95	5007.00	Data collected by Environment inc
12/2/2014	5010.35	5011.65	5012.80	5012.25			5014.70	5006.80	Data collected by Environment inc
12/19/2014	5009.93	5011.40	5012.57	5012.09	5009.47	5007.80	5014.54	5006.70	4TH QUARTER

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CASING HEIGHT, FT	2.80	3.00	1.30	2.40	0.00	1.60	1.70	3.00	
ELEVATION (TOC), FT	5022.90	5024.60	5025.20	5022.70	5020.62	5016.70	5024.80	5014.30	
1/15/2015	5009.60	5011.10	5012.25	5011.90			5014.20	5006.40	North trench installed and slough area cleaned to improve drainage 1/3/15
1/30/2015	5009.40	5010.87	5012.10	5011.86			5014.10	5006.20	Data collected by Environment inc
2/6/2015	5009.38	5010.80	5012.05	5011.85			5014.06	5006.14	Data collected by Environment inc
3/10/2015	5009.01	5010.44	5011.73	5011.57			5013.91	5005.90	
3/13/2015	5008.98	5010.45	5011.70	5011.50			5013.90	5005.90	Data collected by Environment inc
3/19/2015	5008.94	5010.42	5011.67	5011.48	5008.90	5007.55	5013.92	5005.86	1ST QUARTER
4/15/2015	5009.20	5010.65	5011.92	5011.80			5014.15	5005.90	Data collected by Environment inc
5/29/2015	5010.65	5012.32	5013.30	5013.40			5014.85	5007.00	Data collected by Environment inc
6/18/2015	5010.78	5012.52	5013.75	5013.50	5011.16	5009.66	5015.33	5007.02	2ND QUARTER
6/25/2015	5010.80	5012.55	5013.78	5013.43			5015.22	5007.02	Data collected by Environment inc
7/27/2015	5011.04	5012.84	5014.05	5013.28			5015.35	5006.95	Data collected by Environment inc
8/20/2015	5010.84	5012.68	5013.85	5013.06	5010.42	5008.12	5015.19	5006.83	3RD QUARTER
9/10/2015	5010.69	5012.48	5013.66	5012.88			5014.98	5006.73	Data collected by Environment inc
10/13/2015	5010.52	5012.34	5013.50	5012.73			5015.10	5006.65	Data collected by Environment inc
11/6/2015	5010.56	5012.29	5013.47	5012.83	5010.18	5008.18	5014.98	5006.74	4th QUARTER
11/16/2015	5010.48	5012.29	5013.51	5012.82			5015.17	5006.65	Data collected by Environment inc
12/22/2015	5009.44	5011.20	5012.63	5012.44			5014.92	5006.02	Data collected by Environment inc
1/14/2016	5009.39	5011.05	5012.45	5012.34			5014.83	5006.02	Brannan French drain opened.
1/28/2016	5009.35	5011.03	5012.33	5012.28			5014.78	5006.02	Data collected by Environment inc
2/3/2016	5009.25	5010.99	5012.33	5012.22	5009.67	5007.90	5014.61	5005.93	1st QUARTER
2/19/2016	5009.26	5010.98	5012.35	5012.25			5014.80	5005.98	Data collected by Environment inc
3/22/2016	5009.23	5010.90	5012.24	5011.80			5014.66	5005.96	Data collected by Environment inc
4/28/2016	5009.66	5011.57	5012.94	5012.86			5015.37	5006.15	Data collected by Environment inc
5/6/2016	5009.68	5011.62	5013.13	5013.02	5010.41	5008.70	5015.60	5006.24	2nd QUARTER
5/26/2016	5009.74	5011.73	5012.40	5012.90			5015.29	5006.17	Data collected by Environment inc
6/28/2016	5009.80	5011.90	5013.28	5013.02			5014.98	5006.10	Data collected by Environment inc
7/18/2016	5009.20	5011.98	5013.40	5013.00			5014.98	5006.05	Data collected by Environment inc
8/12/2016	5009.81	5011.94	5013.32	5012.96	5010.57	5008.10	5015.03	5006.03	3rd QUARTER
8/15/2016	5009.82	5011.96	5013.35	5012.97			5014.95	5006.04	Data collected by Environment inc
9/30/2016	5009.61	5011.63	5013.02	5012.20			5014.80	5005.97	Data collected by Environment inc
11/8/2016	5009.45	5011.34	5012.70	5012.46			5014.50	5005.90	Data collected by Environment inc
11/16/2016	5009.46	5011.33	5012.65	5012.44	5010.02	5007.99	5015.07	5005.97	Fourth Quarter
11/29/2016	5009.40	5011.25	5012.56	5012.38			5014.80	5005.93	Data collected by Environment inc
12/27/2016	5009.25	5011.00	5012.30	5012.38			5014.33	5005.89	Data collected by Environment inc
1/25/2017	5009.10	5010.75	5012.09	5012.02			5014.24	5005.84	Data collected by Environment inc
2/20/2017	5009.01	5010.60	5011.91	5011.90			5014.05	5005.78	Data collected by Environment inc
3/20/2017	5008.94	5010.51	5011.79	5011.81			5013.88	5005.85	Data collected by Environment inc
6/5/2017	5009.98	5012.18	5013.62	5013.33			5015.52	5006.16	Data collected by Environment inc
7/20/2017	5010.02	5012.25	5013.70	5013.29		5008.76	5015.25	5006.14	Data collected by Environment inc
8/31/2017	5009.94	5012.15	5013.55	5013.10			5015.25	5006.10	Data collected by Environment inc
10/4/2017	5009.83	5012.00	5013.37	5012.97			5015.18	5006.09	Data collected by Environment inc
11/9/2017	5009.64	5011.63	5013.01	5012.5			5014.99	5006.01	Data collected by Environment inc
12/14/2017	5009.29	5011.08	5012.42	5012.21			5014.69	5005.92	Data collected by Environment inc
1/23/2018	5009.01	5010.61	5011.92	5011.88			5014.16	5005.78	Data collected by Environment inc
2/16/2018	5009.00	5010.49	5011.80	5011.74			5014.00	5005.72	Data collected by Environment inc