

Site:	Groveland WTP
Drilled:	Mud Rotary/Core
Developed:	Submersible Pump
Rate:	100 gpm
Pumping GWL:	11.3 ft bls
Specific Capacity:	62 gpm/ft
Lat/Long:	283838/814809 NAD 83
UTM:	17 421566E/3168798N
Driller:	Huss Drilling, Inc.
Well Completed:	March 28, 2015

Field Water Quality	
Date Sampled:	March 28, 2015
Specific Conductivity:	292.7 us/cm
Temperature:	24.1 °C
Chlorides:	8.17
pH:	Not Recorded
SJR WMD	
Figure. Monitor Well L-1062	

Field Groundwater Quality/Drilling and Packer Testing

Site: Groveland Water Plant

Well ID: L-1062

Lab	Date	Sampler	Packer Depth	Bore Depth	Specific Conductivity	Temp	pH	Chlorides	Sulfates	Comments
√	(mm/dd/yyyy hh:mm)	Name	(ft bls)	(ft bls)	(us/cm)	(Deg C)		(mg/L)	(ppm)	
√	12/05/2014 09:08	Huss	120	150	283.0	23.2	8.06	9.5		Sulfates below measurable limits: < 20 mg/L
√	12/05/2014 13:00	Huss	150	180	298.0	24.2	7.91	10.2	27.0	
√	12/08/2014 08:30	Huss	180	210	293.3	24.1	7.81	9.0	27.0	
√	12/08/2014 00:00	Huss	210	240	291.6	24.1	7.84	9.9	27.0	
√	12/08/2014 15:20	Huss	240	270	291.4	24.1	7.79	9.0	27.0	
√	12/09/2014 08:36	Huss	270	300	294.7	24.1	7.80	9.5	26.0	
√	12/09/2014 12:38	Huss	300	330	296.3	24.1	7.82	9.8	24.0	
√	12/10/2014 14:32	Huss	330	360	292.4	24.1	7.95	9.5	25.0	
√	12/11/2014 10:15	Huss	360	390	306.5	24.2	7.82	11.0	25.0	
√	12/12/2014 09:10	Huss	390	420	310.0	24.2	7.88	6.5	26.0	
√	12/12/2014 15:06	Huss	420	450	314.5	24.2	7.99	4.3	24.0	
√	12/16/2014 10:40	Huss	450	480	221.5	24.6	8.05	6.5		Sulfates below measurable limits: < 20 mg/L
√	12/16/2014 16:15	Huss	480	510	223.8	24.7	7.97	3.7		Sulfates below measurable limits: < 20 mg/L
√	12/17/2014 13:00	Huss	510	540	225.8	25.9	8.00	4.4		Sulfates below measurable limits: < 20 mg/L
√	01/05/2015 08:55	Huss	540	570	319.3	24.3	8.02	8.6		Sulfates below measurable limits: < 20 mg/L
√	01/05/2015 14:15	Huss	570	600	264.2	24.9	7.98	6.3		Sulfates below measurable limits: < 20 mg/L
√	01/06/2015 11:55	Huss	600	630	290.5	24.7	7.84	6.4		Sulfates below measurable limits: < 20 mg/L
√	01/06/2015 17:00	Huss	630	660	293.3	24.9	7.79	5.4		Sulfates below measurable limits: < 20 mg/L
√	01/07/2015 12:45	Huss	660	690	280.3	24.9	7.85	5.5		Sulfates below measurable limits: < 20 mg/L
√	01/08/2015 09:32	Huss	690	720	292.8	24.0	7.98	5.6		Sulfates below measurable limits: < 20 mg/L
√	01/09/2015 12:35	Huss	720	750	288.9	24.8	7.83	6.7		Sulfates below measurable limits: < 20 mg/L
√	01/12/2015 10:30	Huss	750	780	299.5	24.6	7.96	8.5		Sulfates below measurable limits: < 20 mg/L
√	01/12/2015 16:00	Huss	780	810	286.5	25.1	7.91	5.1		Sulfates below measurable limits: < 20 mg/L
√	01/14/2015 12:55	Huss	810	840	280.1	25.0	7.98	3.5		Sulfates below measurable limits: < 20 mg/L
√	01/15/2015 08:05	Huss	840	870	288.5	25.0	7.92	4.0		Sulfates below measurable limits: < 20 mg/L
√	01/15/2015 14:00	Huss	870	900	291.0	25.0	7.93	5.0		Sulfates below measurable limits: < 20 mg/L
√	01/16/2015 11:10	Huss	900	930	279.1	25.1	7.94	6.3		Sulfates below measurable limits: < 20 mg/L
√	01/19/2015 11:15	Huss	930	960	280.4	25.1	7.91	5.0		Sulfates below measurable limits: < 20 mg/L
√	01/20/2015 11:15	Huss	960	990	280.2	25.1	7.92	5.3		Sulfates below measurable limits: < 20 mg/L

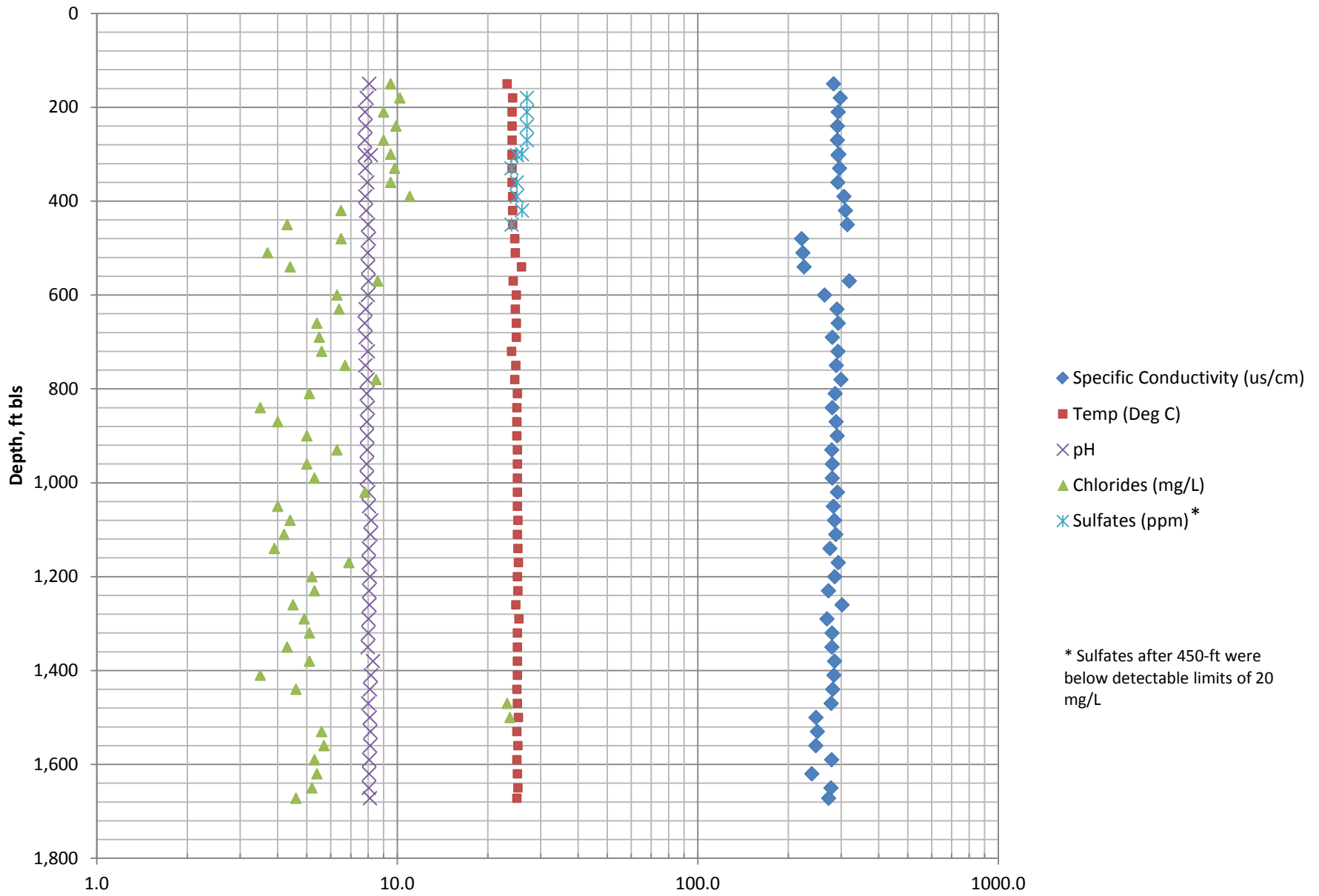
Field Groundwater Quality/Drilling and Packer Testing

Site: Groveland Water Plant

Well ID: L-1062

Lab	Date	Sampler	Packer Depth	Bore Depth	Specific Conductivity	Temp	pH	Chlorides	Sulfates	Comments
√	(mm/dd/yyyy hh:mm)	Name	(ft bls)	(ft bls)	(us/cm)	(Deg C)		(mg/L)	(ppm)	
√	01/22/2015 13:10	Huss	990	1020	291.5	25.1	8.01	7.8		Sulfates below measurable limits: < 20 mg/L
√	01/23/2015 08:30	Huss	1020	1050	282.6	25.1	8.05	4.0		Sulfates below measurable limits: < 20 mg/L
√	01/23/2015 17:30	Huss	1050	1080	284.9	25.2	8.19	4.4		Sulfates below measurable limits: < 20 mg/L
√	01/26/2015 12:45	Huss	1080	1110	287.8	25.1	8.14	4.2		Sulfates below measurable limits: < 20 mg/L
√	01/27/2015 11:15	Huss	1110	1140	275.2	25.2	8.04	3.9		Sulfates below measurable limits: < 20 mg/L
√	01/30/2015 15:15	Huss	1140	1170	293.3	25.3	8.03	6.9		Sulfates below measurable limits: < 20 mg/L
√	02/02/2015 17:35	Huss	1170	1200	285.5	25.1	8.11	5.2		Sulfates below measurable limits: < 20 mg/L
√	02/03/2015 15:35	Huss	1200	1230	272.2	25.2	8.05	5.3		Sulfates below measurable limits: < 20 mg/L
√	02/06/2015 09:14	Huss	1230	1260	302.0	24.8	8.08	4.5		Sulfates Not Recorded
√	02/09/2015 15:30	Huss	1260	1290	269.1	25.4	8.02	4.9		Sulfates below measurable limits: < 20 mg/L
√	02/11/2015 12:50	Huss	1290	1320	279.7	25.1	8.01	5.1		Sulfates below measurable limits: < 20 mg/L
√	02/13/2015 11:10	Huss	1320	1350	279.4	25.1	7.97	4.3		Sulfates below measurable limits: < 20 mg/L
√	02/16/2015 14:05	Huss	1350	1380	285.2	25.1	8.30	5.1		Sulfates below measurable limits: < 20 mg/L
√	02/17/2015 15:05	Huss	1380	1410	283.8	25.1	8.17	3.5		Sulfates below measurable limits: < 20 mg/L
√	02/18/2015 18:50	Huss	1410	1440	281.2	25.0	8.11	4.6		Sulfates below measurable limits: < 20 mg/L
√	02/20/2015 13:50	Huss	1440	1470	277.8	25.1	8.00	23.2		Sulfates below measurable limits: < 20 mg/L
√	02/23/2015 11:20	Huss	1470	1500	247.3	25.3	8.10	23.7		Sulfates below measurable limits: < 20 mg/L
√	02/24/2015 12:20	Huss	1500	1530	250.0	25.0	8.14	5.6		Sulfates below measurable limits: < 20 mg/L
√	02/25/2015 14:30	Huss	1530	1560	247.0	25.2	8.12	5.7		Sulfates below measurable limits: < 20 mg/L
	02/27/2015 11:20	Huss	1560	1590	278.9	25.0	8.06	5.3		Sulfates below measurable limits: < 20 mg/L
	03/02/2015 15:05	Huss	1590	1620	239.5	25.1	8.06	5.4		Sulfates below measurable limits: < 20 mg/L
	03/04/2015 11:45	Huss	1620	1650	277.5	25.2	8.04	5.2		Sulfates below measurable limits: < 20 mg/L
	03/06/2015 09:45	Huss	1650	1672	272.5	25.0	8.11	4.6		Sulfates below measurable limits: < 20 mg/L
	03/28/2015 13:40	Huss	NA	302	292.7	24.1	8.17	9.8	25.0	Final Well Devopment Open Hole 116'-302'

L-1062 Packer Test Water Quality VS Depth



- ◆ Specific Conductivity (us/cm)
- Temp (Deg C)
- × pH
- ▲ Chlorides (mg/L)
- ✱ Sulfates (ppm)*

* Sulfates after 450-ft were below detectable limits of 20 mg/L

Groveland Water Plant

Well ID: L-1062

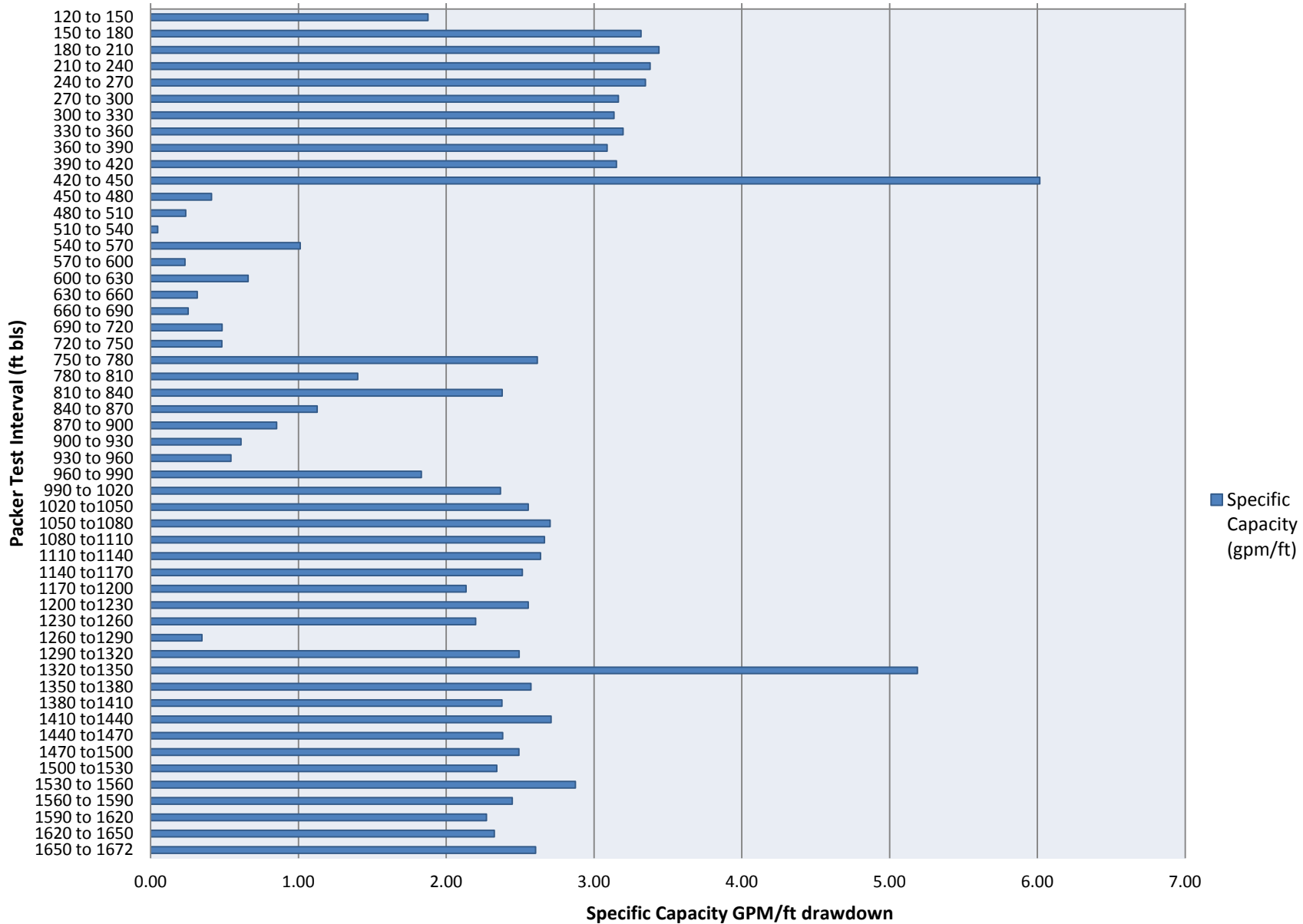
Date	Casing Depth	Packer Depth	Bore Depth	Packer Test Interval	GWL at Pump Start	Stick-up	GWL at Pump Start	Pumping GWL	Pumping GWL	Drawdown	Rate	Specific Capacity	Comments
(mm/dd/yyyy hh:mm)	(ft bls)	(ft bls)	(ft bls)	(ft bls)	(ft TOC)	(ft)	(ft bls)	(ft TOC)	(ft bls)	(ft)	(GPM)	(gpm/ft)	
12/05/2014 09:08	90	120	150	120 to 150	14.20	4.15	10.05	29.65	25.50	15.45	29.0	1.88	
12/05/2014 13:00	90	150	180	150 to 180	14.32	4.15	10.17	23.36	19.21	9.04	30.0	3.32	
12/08/2014 08:30	90	180	210	180 to 210	14.32	4.09	10.23	22.75	18.66	8.43	29.0	3.44	
12/08/2014 00:00	90	210	240	210 to 240	14.45	4.20	10.25	23.03	18.83	8.58	29.0	3.38	
12/08/2014 15:20	90	240	270	240 to 270	14.10	4.09	10.01	22.76	18.67	8.66	29.0	3.35	
12/09/2014 08:36	90	270	300	270 to 300	14.11	4.18	9.93	23.27	19.09	9.16	29.0	3.17	
12/09/2014 12:38	90	300	330	300 to 330	14.10	4.16	9.94	23.35	19.19	9.25	29.0	3.14	
12/10/2014 14:32	330	330	360	330 to 360	14.06	4.20	9.86	23.13	18.93	9.07	29.0	3.20	
12/11/2014 10:15	330	360	390	360 to 390	14.10	4.00	10.10	23.49	19.49	9.39	29.0	3.09	
12/12/2014 09:10	330	390	420	390 to 420	14.25	4.09	10.16	23.45	19.36	9.20	29.0	3.15	
12/12/2014 15:06	330	420	450	420 to 450	14.16	4.25	9.91	18.98	14.73	4.82	29.0	6.02	
12/16/2014 10:40	330	450	480	450 to 480	14.35	4.31	10.04	53.20	48.89	38.85	16.0	0.41	
12/16/2014 16:15	330	480	510	480 to 510	16.80	4.04	12.76	73.67	69.63	56.87	13.5	0.24	
12/17/2014 13:00	330	510	540	510 to 540	15.80	4.28	11.52	76.50	72.22	60.70	2.9	0.05	pump rate 2.9 GPM
01/05/2015 08:55	330	540	570	540 to 570	14.28	4.43	9.85	42.94	38.51	28.66	29.0	1.01	
01/05/2015 14:15	330	570	600	570 to 600	17.14	4.40	12.74	75.28	70.88	58.14	13.5	0.23	
01/06/2015 11:55	330	600	630	600 to 630	15.30	4.48	10.82	59.27	54.79	43.97	29.0	0.66	
01/06/2015 17:00	330	630	660	630 to 660	16.65	4.30	12.35	73.55	69.25	56.90	18.0	0.32	
01/07/2015 12:45	330	660	690	660 to 690	16.75	4.29	12.46	71.68	67.39	54.93	14.0	0.25	
01/08/2015 09:32	330	690	720	690 to 720	17.80	4.41	13.39	71.60	67.19	53.80	26.0	0.48	
01/09/2015 12:35	330	720	750	720 to 750	16.96	4.40	12.56	73.05	68.65	56.09	27.0	0.48	
01/12/2015 10:30	330	750	780	750 to 780	17.02	4.63	12.39	28.10	23.47	11.08	29.0	2.62	
01/12/2015 16:00	330	780	810	780 to 810	18.80	4.35	14.45	39.50	35.15	20.70	29.0	1.40	
01/14/2015 12:55	330	810	840	810 to 840	17.36	5.02	12.34	29.55	24.53	12.19	29.0	2.38	
01/15/2015 08:05	330	840	870	840 to 870	17.54	5.05	12.49	43.27	38.22	25.73	29.0	1.13	
01/15/2015 14:00	330	870	900	870 to 900	17.54	5.20	12.34	51.54	46.34	34.00	29.0	0.85	
01/16/2015 11:10	330	900	930	900 to 930	17.67	5.23	12.44	65.09	59.86	47.42	29.0	0.61	
01/19/2015 11:15	330	930	960	930 to 960	17.80	5.27	12.53	71.20	65.93	53.40	29.0	0.54	

Groveland Water Plant

Well ID: L-1062

Date	Casing Depth	Packer Depth	Bore Depth	Packer Test Interval	GWL at Pump Start	Stick-up	GWL at Pump Start	Pumping GWL	Pumping GWL	Drawdown	Rate	Specific Capacity	Comments
(mm/dd/yyyy hh:mm)	(ft bls)	(ft bls)	(ft bls)	(ft bls)	(ft TOC)	(ft)	(ft bls)	(ft TOC)	(ft bls)	(ft)	(GPM)	(gpm/ft)	
01/20/2015 11:15	330	960	990	960 to 990	17.40	5.15	12.25	33.23	28.08	15.83	29.0	1.83	
01/22/2015 13:10	330	990	1,020	990 to 1020	17.60	5.17	12.43	29.85	24.68	12.25	29.0	2.37	
01/23/2015 08:30	330	1020	1,050	1020 to1050	17.67	5.23	12.44	29.02	23.79	11.35	29.0	2.56	
01/23/2015 17:30	330	1050	1,080	1050 to1080	17.55	5.29	12.26	28.28	22.99	10.73	29.0	2.70	
01/26/2015 12:45	330	1080	1,110	1080 to1110	17.22	5.29	11.93	28.10	22.81	10.88	29.0	2.67	
01/27/2015 11:15	330	1110	1,140	1110 to1140	17.43	5.35	12.08	28.42	23.07	10.99	29.0	2.64	
01/30/2015 15:15	330	1140	1,170	1140 to1170	17.23	5.15	12.08	28.76	23.61	11.53	29.0	2.52	

Groveland Water Plant L-1062 Packer Test Specific Capacity



Groundwater Levels

Site: Groveland Water Plant

Well ID: L-1062

		Borehole	Prior to Coring Start Up Each Day	Stick-up	Prior to Coring Start Up Each Day	Packer Depth	Packer Test Interval	Before Packer Inflation	After Packer Inflation	Stick-up	Before Packer Inflation	After Packer Inflation	Comments
(mm/dd/yyyy hh:mm)	Casing Depth (ft, bls)	Total Depth (ft bls)	Water Level (ft, TOC)	(ft)	Water Level (ft, bls)	(ft bls)	(ft bls)	(ft TOC)	(ft TOC)	(ft)	Water Level (ft, bls)	Water Level (ft, bls)	
12/05/2014 07:20	90	150	14.40	4.33	10.07						#N/A	#N/A	Morning Water Level
12/05/2014 08:25	90	150			#N/A	120	120 to 150	14.20		4.15	10.05	#N/A	Pre-Packer Inflation
12/05/2014 08:42	90	150			#N/A	120	120 to 150		14.20	4.15	#N/A	10.05	Post-Packer Inflation
12/05/2014 12:30	90	180			#N/A	150	150 to 180	14.40		4.15	10.25	#N/A	Pre-Packer Inflation
12/05/2014 12:40	90	180			#N/A	150	150 to 180		14.32	4.15	#N/A	10.17	Post-Packer Inflation
12/08/2014 07:30	90	210	14.04	4.12	9.92						#N/A	#N/A	Morning Water Level
12/08/2014 07:45	90	210			#N/A	180	180 to 210	14.10		4.09	10.01	#N/A	Pre-Packer Inflation
12/08/2014 07:55	90	210			#N/A	180	180 to 210		14.32	4.09	#N/A	10.23	Post-Packer Inflation
12/08/2014 11:35	90	240			#N/A	210	210 to 240	14.45		4.20	10.25	#N/A	Pre-Packer Inflation
12/08/2014 11:40	90	240			#N/A	210	210 to 240		14.45	4.20	#N/A	10.25	Post-Packer Inflation
12/08/2014 14:40	90	270			#N/A	240	240 to 270	14.14		4.09	10.05	#N/A	Pre-Packer Inflation
12/08/2014 14:49	90	270			#N/A	240	240 to 270		14.10	4.09	#N/A	10.01	Post-Packer Inflation
12/09/2014 07:30	90	300	14.20	4.26	9.94						#N/A	#N/A	Morning Water Level
12/09/2014 08:00	90	300			#N/A	270	270 to 300	14.14		4.18	9.96	#N/A	Pre-Packer Inflation
12/09/2014 08:05	90	300			#N/A	270	270 to 300		14.11	4.18	#N/A	9.93	Post-Packer Inflation
12/09/2014 11:25	90	330			#N/A	300	300 to 330	14.30		4.16	10.14	#N/A	Pre-Packer Inflation
12/09/2014 12:07	90	330			#N/A	300	300 to 330		14.10	4.16	#N/A	9.94	Post-Packer Inflation
12/10/2014 08:00	90	330	14.15	4.24	9.91						#N/A	#N/A	Morning Water Level
12/10/2014 13:37	330	360			#N/A	330	330 to 360	14.06		4.20	9.86	#N/A	Pre-Packer Inflation
12/10/2014 13:45	330	360			#N/A	330	330 to 360		14.06	4.20	#N/A	9.86	Post-Packer Inflation
12/11/2014 07:10	330	380	14.03	4.08	9.95						#N/A	#N/A	Morning Water Level
12/11/2014 09:25	330	390			#N/A	360	360 to 390	14.14		4.00	10.14	#N/A	Pre-Packer Inflation
12/11/2014 09:30	330	390			#N/A	360	360 to 390		14.10	4.00	#N/A	10.10	Post-Packer Inflation
12/12/2014 08:00	330		14.12	4.19	9.93						#N/A	#N/A	Morning Water Level
12/12/2014 08:02	330	420			#N/A	390	390 to 420	14.02		4.09	9.93	#N/A	Pre-Packer Inflation
12/12/2014 08:23	330	420			#N/A	390	390 to 420		14.25	4.09	#N/A	10.16	Post-Packer Inflation
12/12/2014 14:10	330	450			#N/A	420	420 to 450	14.15		4.25	9.90	#N/A	Pre-Packer Inflation

Groundwater Levels

Site: Groveland Water Plant

Well ID: L-1062

		Borehole	Prior to Coring Start Up Each Day	Stick-up	Prior to Coring Start Up Each Day	Packer Depth	Packer Test Interval	Before Packer Inflation	After Packer Inflation	Stick-up	Before Packer Inflation	After Packer Inflation	Comments
(mm/dd/yyyy hh:mm)	Casing Depth (ft, bls)	Total Depth (ft bls)	Water Level (ft, TOC)	(ft)	Water Level (ft, bls)	(ft bls)	(ft bls)	(ft TOC)	(ft TOC)	(ft)	Water Level (ft, bls)	Water Level (ft, bls)	
12/12/2014 14:20	330	450			#N/A	420	420 to 450		14.16	4.25	#N/A	9.91	Post-Packer Inflation
12/15/2014 07:30	330	450	14.22	4.20	10.02						#N/A	#N/A	Morning Water Level
12/16/2014 07:30	330	480	14.27	4.31	9.96						#N/A	#N/A	Morning Water Level
12/16/2014 09:30	330	480			#N/A	450	450 to 480	14.25		4.31	9.94	#N/A	Pre-Packer Inflation
12/16/2014 09:37	330	480			#N/A	450	450 to 480		14.35	4.31	#N/A	10.04	Post-Packer Inflation
12/16/2014 15:00	330	510			#N/A	480	480 to 510	16.80		4.04	12.76	#N/A	Pre-Packer Inflation
12/16/2014 15:13	330	510			#N/A	480	480 to 510		16.24	4.04	#N/A	12.20	Post-Packer Inflation
12/17/2014 07:30	330	510	14.30	4.04	10.26						#N/A	#N/A	Morning Water Level
12/17/2014 10:42	330	540			#N/A	510	510 to 540	14.22		4.28	9.94	#N/A	Pre-Packer Inflation
12/17/2014 10:56	330	540			#N/A	510	510 to 540		15.80	4.28	#N/A	11.52	Post-Packer Inflation
01/05/2015 07:30	330	570	14.05	4.24	9.81						#N/A	#N/A	Morning Water Level
01/05/2015 07:54	330	570			#N/A	540	540 to 570	14.31		4.43	9.88	#N/A	Pre-Packer Inflation
01/05/2015 08:05	330	570			#N/A	540	540 to 570		14.28	4.43	#N/A	9.85	Post-Packer Inflation
01/05/2015 12:18	330	600			#N/A	570	570 to 600	14.20		4.40	9.80	#N/A	Pre-Packer Inflation
01/05/2015 12:43	330	600			#N/A	570	570 to 600		17.14	4.40	#N/A	12.74	Post-Packer Inflation
01/06/2015 07:30	330	620	14.59	4.43	10.16						#N/A	#N/A	Morning Water Level
01/06/2015 10:35	330	630			#N/A	600	600 to 630	15.45		4.48	10.97	#N/A	Pre-Packer Inflation
01/06/2015 10:50	330	630			#N/A	600	600 to 630		15.30	4.48	#N/A	10.82	Post-Packer Inflation
01/06/2015 15:28	330	660			#N/A	630	630 to 660	15.00		4.30	10.70	#N/A	Pre-Packer Inflation
01/06/2015 15:42	330	660			#N/A	630	630 to 660		16.65	4.30	#N/A	12.35	Post-Packer Inflation
01/07/2015 07:30	330	660	16.70	4.30	12.40						#N/A	#N/A	Morning Water Level
01/07/2015 10:48	330	690			#N/A	660	660 to 690	15.32		4.29	11.03	#N/A	Pre-Packer Inflation
01/07/2015 11:00	330	690			#N/A	660	660 to 690		16.75	4.29	#N/A	12.46	Post-Packer Inflation
01/08/2015 07:30	330	720	15.37	4.41	10.96						#N/A	#N/A	Morning Water Level
01/08/2015 08:07	330	720			#N/A	690	690 to 720	15.53		4.41	11.12	#N/A	Pre-Packer Inflation
01/08/2015 08:25	330	720			#N/A	690	690 to 720		17.80	4.41	#N/A	13.39	Post-Packer Inflation
01/09/2015 08:00	330	720	15.27	4.41	10.86						#N/A	#N/A	Morning Water Level

Groundwater Levels

Site: Groveland Water Plant

Well ID: L-1062

		Borehole	Prior to Coring Start Up Each Day	Stick-up	Prior to Coring Start Up Each Day	Packer Depth	Packer Test Interval	Before Packer Inflation	After Packer Inflation	Stick-up	Before Packer Inflation	After Packer Inflation	Comments
(mm/dd/yyyy hh:mm)	Casing Depth (ft, bls)	Total Depth (ft bls)	Water Level (ft, TOC)	(ft)	Water Level (ft, bls)	(ft bls)	(ft bls)	(ft TOC)	(ft TOC)	(ft)	Water Level (ft, bls)	Water Level (ft, bls)	
01/09/2015 11:10	330	750			#N/A	720	720 to 750	16.00		4.40	11.60	#N/A	Pre-Packer Inflation
01/09/2015 11:25	330	750			#N/A	720	720 to 750		16.96	4.40	#N/A	12.56	Post-Packer Inflation
01/12/2015 07:30	330	770	16.94	4.45	12.49						#N/A	#N/A	Morning Water Level
01/12/2015 09:13	330	780			#N/A	750	750 to 780	16.94		4.63	12.31	#N/A	Pre-Packer Inflation
01/12/2015 09:30	330	780			#N/A	750	750 to 780		17.02	4.63	#N/A	12.39	Post-Packer Inflation
01/12/2015 14:50	330	810			#N/A	780	780 to 810	16.70		4.35	12.35	#N/A	Pre-Packer Inflation
01/12/2015 15:00	330	810			#N/A	780	780 to 810		16.80	4.35	#N/A	12.45	Post-Packer Inflation
01/14/2015 07:10	330	820	18.13	5.33	12.80						#N/A	#N/A	Morning Water Level
01/14/2015 11:41	330	840			#N/A	810	810 to 840	17.43		5.02	12.41	#N/A	Pre-Packer Inflation
01/14/2015 11:55	330	840			#N/A	810	810 to 840		17.36	5.02	#N/A	12.34	Post-Packer Inflation
01/15/2015 06:20	330	870	17.52	5.05	12.47						#N/A	#N/A	Morning Water Level
01/15/2015 06:30	330	870			#N/A	840	840 to 870	17.56		5.05	12.51	#N/A	Pre-Packer Inflation
01/15/2015 07:05	330	870			#N/A	840	840 to 870		17.54	5.05	#N/A	12.49	Post-Packer Inflation
01/15/2015 12:40	330	900			#N/A	870	870 to 900	17.50		5.20	12.30	#N/A	Pre-Packer Inflation
01/15/2015 12:55	330	900			#N/A	870	870 to 900		17.54	5.20	#N/A	12.34	Post-Packer Inflation
01/16/2015 06:20	330	920	19.95	5.25	14.70						#N/A	#N/A	Morning Water Level
01/16/2015 09:52	330	930			#N/A	900	900 to 930	17.63		5.23	12.40	#N/A	Pre-Packer Inflation
01/16/2015 10:02	330	930			#N/A	900	900 to 930		17.67	5.23	#N/A	12.44	Post-Packer Inflation
01/19/2015 09:00	330	960	17.75	5.27	12.48						#N/A	#N/A	Morning Water Level
01/19/2015 09:44	330	960			#N/A	930	930 to 960	17.78		5.27	12.51	#N/A	Pre-Packer Inflation
01/19/2015 10:00	330	960			#N/A	930	930 to 960		17.80	5.27	#N/A	12.53	Post-Packer Inflation
01/20/2015 07:15	330	989	20.55	5.33	15.22						#N/A	#N/A	Morning Water Level
01/20/2015 09:45	330	990			#N/A	960	960 to 990	17.40		5.15	12.25	#N/A	Pre-Packer Inflation
01/20/2015 10:00	330	990			#N/A	960	960 to 990		17.48	5.15	#N/A	12.33	Post-Packer Inflation
01/21/2015 08:00	330		Not	Recorded	#VALUE!						#N/A	#N/A	Morning Water Level
01/22/2015 07:30	330	1010	18.10	5.39	12.71						#N/A	#N/A	Morning Water Level
01/22/2015 11:40	330	1020			#N/A	990	990 to 1020	17.60		5.17	12.43	#N/A	Pre-Packer Inflation

Groundwater Levels

Site: Groveland Water Plant

Well ID: L-1062

		Borehole	Prior to Coring Start Up Each Day	Stick-up	Prior to Coring Start Up Each Day	Packer Depth	Packer Test Interval	Before Packer Inflation	After Packer Inflation	Stick-up	Before Packer Inflation	After Packer Inflation	Comments
(mm/dd/yyyy hh:mm)	Casing Depth (ft, bls)	Total Depth (ft bls)	Water Level (ft, TOC)	(ft)	Water Level (ft, bls)	(ft bls)	(ft bls)	(ft TOC)	(ft TOC)	(ft)	Water Level (ft, bls)	Water Level (ft, bls)	
01/22/2015 11:55	330	1020			#N/A	990	990 to 1020		17.60	5.17	#N/A	12.43	Post-Packer Inflation
01/23/2015 06:30	330	1050	17.50	5.23	12.27						#N/A	#N/A	Morning Water Level
01/23/2015 07:05	330	1050			#N/A	1020	1020 to 1050	17.68		5.23	12.45	#N/A	Pre-Packer Inflation
01/23/2015 07:15	330	1050			#N/A	1020	1020 to 1050		17.67	5.23	#N/A	12.44	Post-Packer Inflation
01/23/2015 16:00	330	1080			#N/A	1050	1050 to 1080	17.59		5.29	12.30	#N/A	Pre-Packer Inflation
01/23/2015 16:15	330	1080			#N/A	1050	1050 to 1080		17.55	5.29	#N/A	12.26	Post-Packer Inflation
01/24/2015 08:00	330	1080	17.60	5.37	12.23						#N/A	#N/A	Morning Water Level
01/26/2015 07:30	330	1105	17.64	5.39	12.25						#N/A	#N/A	Morning Water Level
01/26/2015 11:20	330	1110			#N/A	1080	1080 to 1110	17.20		5.29	11.91	#N/A	Pre-Packer Inflation
01/26/2015 11:31	330	1110			#N/A	1080	1080 to 1110		17.22	5.29	#N/A	11.93	Post-Packer Inflation
01/27/2015 06:45	330	1137	17.67	5.13	12.54						#N/A	#N/A	Morning Water Level
01/27/2015 09:30	330	1140			#N/A	1110	1110 to 1140	17.40		5.35	12.05	#N/A	Pre-Packer Inflation
01/27/2015 09:45	330	1140			#N/A	1110	1110 to 1140		17.43	5.35	#N/A	12.08	Post-Packer Inflation
01/30/2015 07:30	330	1143	18.55	5.67	12.88						#N/A	#N/A	Morning Water Level
01/30/2015 13:45	330	1170			#N/A	1140	1140 to 1170	17.23		5.15	12.08	#N/A	Pre-Packer Inflation
01/30/2015 14:00	330	1170			#N/A	1140	1140 to 1170		12.43	5.15	#N/A	7.28	Post-Packer Inflation
02/02/2015 07:30	330	1170	17.85	5.45	12.40						#N/A	#N/A	Morning Water Level
02/02/2015 15:50	330	1200			#N/A	1170	1170 to 1200	17.44		5.46	11.98	#N/A	Pre-Packer Inflation
02/02/2015 16:10	330	1200			#N/A	1170	1170 to 1200		17.47	5.46	#N/A	12.01	Post-Packer Inflation
02/03/2015 07:30	330	1230	17.50	5.35	12.15						#N/A	#N/A	Morning Water Level
02/03/2015 13:42	330	1230			#N/A	1200	1200 to 1230	17.73		5.35	12.38	#N/A	Pre-Packer Inflation
02/03/2015 14:00	330	1230			#N/A	1200	1200 to 1230		17.77	5.35	#N/A	12.42	Post-Packer Inflation
02/04/2015 07:20	330	1230	18.00	5.25	12.75						#N/A	#N/A	Morning Water Level
02/06/2015 07:30	330	1260	17.73	5.11	12.62						#N/A	#N/A	Morning Water Level
02/06/2015 07:25	330	1260			#N/A	1230	1230 to 1260	17.73		5.11	12.62	#N/A	Pre-Packer Inflation
02/06/2015 07:40	330	1260			#N/A	1230	1230 to 1260		17.75	5.11	#N/A	12.64	Post-Packer Inflation
02/09/2015 07:30	330	1285	17.57	5.72	11.85						#N/A	#N/A	Morning Water Level

Groundwater Levels

Site: Groveland Water Plant

Well ID: L-1062

		Borehole	Prior to Coring Start Up Each Day	Stick-up	Prior to Coring Start Up Each Day	Packer Depth	Packer Test Interval	Before Packer Inflation	After Packer Inflation	Stick-up	Before Packer Inflation	After Packer Inflation	Comments
(mm/dd/yyyy hh:mm)	Casing Depth (ft, bls)	Total Depth (ft bls)	Water Level (ft, TOC)	(ft)	Water Level (ft, bls)	(ft bls)	(ft bls)	(ft TOC)	(ft TOC)	(ft)	Water Level (ft, bls)	Water Level (ft, bls)	
02/09/2015 12:55	330	1290			#N/A	1260	1260 to 1290	17.40		5.28	12.12	#N/A	Pre-Packer Inflation
02/09/2015 13:15	330	1290			#N/A	1260	1260 to 1290		17.45	5.28	#N/A	12.17	Post-Packer Inflation
02/10/2015 10:00	330	1290	17.44	5.25	12.19						#N/A	#N/A	Morning Water Level
02/11/2015 07:30	330	1310	17.78	5.36	12.42						#N/A	#N/A	Morning Water Level
02/11/2015 11:10	330	1320			#N/A	1290	1290 to 1320	17.50		5.25	12.25	#N/A	Pre-Packer Inflation
02/11/2015 11:20	330	1320			#N/A	1290	1290 to 1320		17.51	5.25	#N/A	12.26	Post-Packer Inflation
02/13/2015 07:30	330	1350	17.77	5.23	12.54						#N/A	#N/A	Morning Water Level
02/13/2015 09:25	330	1350			#N/A	1320	1320 to 1350	17.70		5.23	12.47	#N/A	Pre-Packer Inflation
02/13/2015 09:40	330	1350			#N/A	1320	1320 to 1350		17.73	5.23	#N/A	12.50	Post-Packer Inflation
02/16/2015 07:30	330	1370	18.13	5.12	13.01						#N/A	#N/A	Morning Water Level
02/16/2015 12:25	330	1380			#N/A	1350	1350 to 1380	17.43		5.12	12.31	#N/A	Pre-Packer Inflation
02/16/2015 12:35	330	1380			#N/A	1350	1350 to 1380		17.45	5.12	#N/A	12.33	Post-Packer Inflation
02/17/2015 07:45	330	1395	17.73	5.20	12.53						#N/A	#N/A	Morning Water Level
02/17/2015 13:25	330	1410			#N/A	1380	1380 to 1410	17.25		5.20	12.05	#N/A	Pre-Packer Inflation
02/17/2015 15:35	330	1410			#N/A	1380	1380 to 1410		17.27	5.20	#N/A	12.07	Post-Packer Inflation
02/18/2015 07:30	330	1410	17.55	5.25	12.30						#N/A	#N/A	Morning Water Level
02/18/2015 17:10	330	1440			#N/A	1410	1410 to 1440	17.28		5.25	12.03	#N/A	Pre-Packer Inflation
02/18/2015 17:19	330	1440			#N/A	1410	1410 to 1440		17.30	5.25	#N/A	12.05	Post-Packer Inflation
02/20/2015 07:20	330	1466	18.00	5.38	12.62						#N/A	#N/A	Morning Water Level
02/20/2015 11:54	330	1470			#N/A	1440	1440 to 1470	17.89		5.29	12.60	#N/A	Pre-Packer Inflation
02/20/2015 12.10	330	1470			#N/A	1440	1440 to 1470		18.00	5.29	#N/A	12.71	Post-Packer Inflation
02/22/2015 08.00	330	1500	18.03	5.42	12.61						#N/A	#N/A	Morning Water Level
02/23/2015 08:14	330	1500			#N/A	1470	1470 to 1500	17.75		5.25	12.50	#N/A	Pre-Packer Inflation
02/23/2015 08:19	330	1500			#N/A	1470	1470 to 1500		17.22	5.25	#N/A	11.97	Post-Packer Inflation
02/24/2015 07:05	330	1527	17.62	5.15	12.47						#N/A	#N/A	Morning Water Level
02/24/2015 09:40	330	1530			#N/A	1500	1500 to 1530	20.93		5.26	15.67	#N/A	Pre-Packer Inflation, Very silty discharge water

Groundwater Levels

Site: Groveland Water Plant

Well ID: L-1062

		Borehole	Prior to Coring Start Up Each Day	Stick-up	Prior to Coring Start Up Each Day	Packer Depth	Packer Test Interval	Before Packer Inflation	After Packer Inflation	Stick-up	Before Packer Inflation	After Packer Inflation	Comments
(mm/dd/yyyy hh:mm)	Casing Depth (ft, bls)	Total Depth (ft bls)	Water Level (ft, TOC)	(ft)	Water Level (ft, bls)	(ft bls)	(ft bls)	(ft TOC)	(ft TOC)	(ft)	Water Level (ft, bls)	Water Level (ft, bls)	
02/24/2015 09:50	330	1530			#N/A	1500	1500 to 1530		20.87	5.26	#N/A	15.61	Post-Packer Inflation Very silty discharge water
02/25/2015 07:30	330	1560	17.71	5.45	12.26						#N/A	#N/A	Morning Water Level
02/25/2015 12:35	330	1560			#N/A	1530	1530 to 1560	17.50		5.25	12.25	#N/A	Pre-Packer Inflation
02/25/2015 12:44	330	1560			#N/A	1530	1530 to 1560		17.50	5.25	#N/A	12.25	Post-Packer Inflation
02/27/2015 07:30	330	1590	17.89	5.38	12.51						#N/A	#N/A	Morning Water Level
02/27/2015 08:15	330	1590			#N/A	1560	1560 to 1590	17.83		5.38	12.45	#N/A	Pre-Packer Inflation
02/27/2015 08:00	330	1590			#N/A	1560	1560 to 1590		17.80	5.38	#N/A	12.42	Post-Packer Inflation
03/02/2015 07:00	330	1620	17.73	5.24	12.49						#N/A	#N/A	Morning Water Level
03/02/2015 11:00	330	1620			#N/A	1590	1590 to 1620	17.75		5.3	12.45	#N/A	Pre-Packer Inflation
03/02/2015 12:00	330	1620			#N/A				17.00	5.3	#N/A	11.70	Post Packer Inflation
03/03/2015 07:45	330	1633	17.99	5.73	12.26						#N/A	#N/A	Morning Water Level
03/04/2015 07:45	330	1650	18.20	5.14	13.06						#N/A	#N/A	Morning Water Level
03/04/2015/ 09:20	330	1650			#N/A	1620	1620 to 1650	17.41		5.14	12.27	#N/A	Pre-Packer Inflation
03/04/2015 09:30	330	1650			#N/A	1620	1620 to 1650		17.44	5.14	#N/A	12.30	Post Packer Inflation
03/05/2015 07:30	330	1660	17.61	5.30	12.31						#N/A	#N/A	Morning Water Level
03/06/2015 07:15	330	1672	17.65	5.35	12.30						#N/A	#N/A	Morning Water Level
03/06/2015 07:25	330	1672			#N/A	1650	1650 to 1672	17.65		5.3	12.35	#N/A	Pre-Packer Inflation
03/06/2015 07:40	330	1672			#N/A	1650	1650 to 1672		17.63	5.3	#N/A	12.33	Post packer Inflation
03/28/2015 13:40	116	302	10.65	0.67	9.98	NA	NA	NA	NA		#VALUE!	#VALUE!	Final Well Development

Draft: Groveland Water Plant L-1062 Water Levels ft bls

