

Estimated June Background Trend  
2001-2009

June Rate of Decline Per Day - Positive Values indicate an increase in water level

Year	Date Range	Days	SW-1-DP (ft/day)	SW-2-DP (ft/day)	Seep-6 (ft/day)	DP-5 (ft/day)	SW-3-DP (ft/day)	DP-6 (ft/day)	DP-7 (ft/day)	DP-8 (ft/day)	Vent-1r (ft/day)	Seep-1 (ft/day)	Seep-2 (ft/day)	Seep-3 (ft/day)	Seep-4 (ft/day)	SW-8-DP (ft/day)	Seep-5 (ft/day)	DP-1 (ft/day)	DP-2 (ft/day)	DP-3 (ft/day)
2001	6/5 - 7/18	43			-0.003	-0.010		-0.007	-0.006		0.000	-0.001	0.000	-0.004	0.002		-0.004	-0.026	-0.021	-0.023
2002	6/6 - 6/27	21	-0.004	-0.001	0.003	-0.005	0.005	-0.001	-0.002	0.001	0.000	-0.004	0.001	-0.001	-0.002	0.002	-0.002	-0.007	-0.005	-0.013
2003	6/10 - 7/1	21	-0.006	-0.004	-0.008	-0.005		-0.015	-0.006	0.000	-0.002	-0.005	0.001	-0.003	0.000	0.001	-0.005	-0.009	-0.007	-0.010
2007	5/21 - 6/27	37	-0.029			-0.006		-0.006					0.000	-0.003	0.001	0.001				-0.012
2008	5/22 - 6/25	34	0.000			-0.003		-0.001					0.000	0.000	0.000	0.001				-0.002
2009	5/19 - 6/19	31	-0.003			-0.003							0.001	-0.001	0.002	0.002				-0.005
2001					-0.003	-0.010		-0.007	-0.006		0.000	-0.001	0.000	-0.004	0.002		-0.004	-0.026	-0.021	-0.023
Mean			-0.008	-0.003			0.005			0.000						0.001				
Days			29	21			21			21						29				

Used 2001 unless 2001 data were not sufficient to estimate trend, in which case average of all available years was used.  
Insufficient data to estimate a background trend for SW-4-DP

Wetland Background Trends

Monitoring Well	Initial Pump Test DTW (ft)	Before Test DTW (ft)	Delta Before Test	After Test DTW (ft)	Delta After Test	Delta After-Before (ft)	Background Water Level Trend	Background Expected Change During Test (ft)	Water Level Change During Test (ft)	Water Level Trend During Test	Estimated Change Versus Expected Background (ft)
Vent1	4.48	4.50	0.02	4.50	0.02	0.00	No Change	0.000	-0.008	Increasing	-0.01
Seep1	2.44	2.43	-0.01	2.47	0.03	0.04	Decreasing	0.007	0.030	Decreasing	0.02
Seep2	4.39	4.42	0.03	4.40	0.01	-0.02	Increasing	-0.004	-0.028	Increasing	-0.02
Seep3	4.77	4.75	-0.02	4.92	0.15	0.17	Decreasing	0.032	0.046	Decreasing	0.01
Seep4	4.89	4.88	-0.01	4.81	-0.08	-0.07	Increasing	-0.013	-0.060	Increasing	-0.05
Seep5	5.45	5.49	0.04	5.65	0.20	0.16	Decreasing	0.030	0.059	Decreasing	0.03
Seep6	1.18	1.23	0.05	1.34	0.16	0.11	Decreasing	0.020	0.068	Decreasing	0.05
DP5	4.31	4.55	0.24	4.96	0.65	0.41	Decreasing	0.076	0.013	Decreasing	-0.06
DP6	3.15	3.14	-0.01	3.45	0.30	0.31	Decreasing	0.058	0.032	Decreasing	-0.03
DP7	2.03	1.99	-0.04	2.26	0.23	0.27	Decreasing	0.050	0.045	Decreasing	-0.01
DP1	3.85	3.81	-0.04	4.91	1.06	1.10	Decreasing	0.205	0.079	Decreasing	-0.13
DP2	4.44	4.34	-0.10	5.26	0.82	0.92	Decreasing	0.171	0.153	Decreasing	-0.02
DP3	3.85	3.79	-0.06	4.78	0.93	0.99	Decreasing	0.184	0.171	Decreasing	-0.01

DTW = Distance to Water from top of well casing

Water level change during the pump test is estimated from linear regression on the manual water level data collected during pumping.

A decrease in distance to water (DTW) indicates a rise in water level, so a negative delta indicates an increasing trend.

Depth to Water (feet)  
Wetland Monitoring Points  
June 2001 Pump Test

Date & Time	ET	SW-1DP	SEEP 6	Date & Time	ET	DP-1	DP-2	DP-3	Date & Time	ET	SEEP 4	SEEP2	SEEP 1
6/12/01 9:02	0	1.123	0.481	6/12/01 9:00	0	3.868	4.7	3.789	6/12/01 9:00	0	4.872	4.363	2.459
6/12/01 9:02	0.027	1.117	0.482	6/12/01 9:00	0.0428	3.869	4.702	3.789	6/12/01 9:00	0.0375	4.872	4.363	2.459
6/12/01 9:02	0.054	1.116	0.482	6/12/01 9:00	0.0857	3.869	4.702	3.789	6/12/01 9:00	0.075	4.872	4.363	2.461
6/12/01 9:02	0.081	1.116	0.481	6/12/01 9:00	0.1285	3.869	4.702	3.789	6/12/01 9:00	0.1125	4.874	4.363	2.459
6/12/01 9:02	0.108	1.115	0.481	6/12/01 9:00	0.1713	3.871	4.702	3.789	6/12/01 9:00	0.15	4.874	4.363	2.459
6/12/01 9:02	0.135	1.115	0.481	6/12/01 9:00	0.2142	3.871	4.702	3.789	6/12/01 9:00	0.1875	4.874	4.363	2.461
6/12/01 9:02	0.162	1.115	0.481	6/12/01 9:00	0.257	3.871	4.702	3.79	6/12/01 9:00	0.225	4.874	4.363	2.459
6/12/01 9:02	0.189	1.114	0.481	6/12/01 9:00	0.2998	3.871	4.702	3.79	6/12/01 9:00	0.2625	4.872	4.363	2.461
6/12/01 9:02	0.216	1.114	0.481	6/12/01 9:00	0.3427	3.871	4.702	3.789	6/12/01 9:00	0.3	4.874	4.364	2.461
6/12/01 9:02	0.243	1.114	0.481	6/12/01 9:00	0.3855	3.871	4.702	3.79	6/12/01 9:00	0.3375	4.872	4.363	2.461
6/12/01 9:02	0.27	1.114	0.482	6/12/01 9:00	0.4283	3.869	4.702	3.789	6/12/01 9:00	0.375	4.874	4.364	2.461
6/12/01 9:02	0.297	1.114	0.481	6/12/01 9:00	0.4712	3.871	4.702	3.79	6/12/01 9:00	0.4125	4.874	4.363	2.461
6/12/01 9:02	0.324	1.114	0.481	6/12/01 9:00	0.514	3.872	4.703	3.79	6/12/01 9:00	0.45	4.874	4.363	2.461
6/12/01 9:02	0.351	1.114	0.481	6/12/01 9:00	0.5568	3.871	4.702	3.789	6/12/01 9:00	0.4875	4.874	4.364	2.461
6/12/01 9:02	0.378	1.113	0.481	6/12/01 9:00	0.5997	3.869	4.702	3.79	6/12/01 9:00	0.525	4.874	4.363	2.461
6/12/01 9:02	0.405	1.113	0.481	6/12/01 9:00	0.6425	3.871	4.702	3.79	6/12/01 9:00	0.5625	4.874	4.364	2.461
6/12/01 9:02	0.432	1.113	0.482	6/12/01 9:00	0.6853	3.871	4.702	3.789	6/12/01 9:00	0.6	4.874	4.363	2.461
6/12/01 9:02	0.459	1.113	0.481	6/12/01 9:00	0.7282	3.869	4.702	3.79	6/12/01 9:00	0.6375	4.874	4.364	2.461
6/12/01 9:02	0.486	1.113	0.481	6/12/01 9:00	0.771	3.871	4.702	3.79	6/12/01 9:00	0.675	4.874	4.364	2.461
6/12/01 9:02	0.513	1.113	0.481	6/12/01 9:00	0.8138	3.871	4.702	3.79	6/12/01 9:00	0.7125	4.874	4.364	2.461
6/12/01 9:02	0.54	1.113	0.481	6/12/01 9:00	0.8567	3.871	4.702	3.79	6/12/01 9:00	0.75	4.874	4.363	2.461
6/12/01 9:02	0.568	1.113	0.481	6/12/01 9:00	0.901	3.871	4.702	3.79	6/12/01 9:00	0.7895	4.874	4.364	2.461
6/12/01 9:02	0.5977	1.113	0.481	6/12/01 9:00	0.948	3.871	4.702	3.79	6/12/01 9:00	0.8313	4.874	4.364	2.461
6/12/01 9:02	0.629	1.113	0.481	6/12/01 9:00	0.9978	3.871	4.702	3.79	6/12/01 9:00	0.8757	4.874	4.364	2.461
6/12/01 9:02	0.6622	1.113	0.481	6/12/01 9:01	1.0505	3.871	4.702	3.79	6/12/01 9:00	0.9227	4.874	4.364	2.461
6/12/01 9:02	0.6973	1.113	0.481	6/12/01 9:01	1.1063	3.871	4.703	3.79	6/12/01 9:00	0.9725	4.874	4.364	2.461
6/12/01 9:02	0.7347	1.113	0.481	6/12/01 9:01	1.1655	3.869	4.702	3.789	6/12/01 9:01	1.0252	4.874	4.364	2.461
6/12/01 9:02	0.7742	1.112	0.481	6/12/01 9:01	1.2282	3.871	4.702	3.79	6/12/01 9:01	1.081	4.874	4.364	2.461
6/12/01 9:03	0.816	1.111	0.481	6/12/01 9:01	1.2945	3.869	4.702	3.79	6/12/01 9:01	1.1402	4.874	4.364	2.461
6/12/01 9:03	0.8603	1.112	0.481	6/12/01 9:01	1.3648	3.871	4.702	3.79	6/12/01 9:01	1.2028	4.874	4.364	2.461
6/12/01 9:03	0.9073	1.115	0.482	6/12/01 9:01	1.4393	3.869	4.702	3.79	6/12/01 9:01	1.2692	4.874	4.364	2.461
6/12/01 9:03	0.9572	1.115	0.481	6/12/01 9:01	1.5183	3.869	4.702	3.79	6/12/01 9:01	1.3395	4.874	4.364	2.461
6/12/01 9:03	1.0098	1.114	0.481	6/12/01 9:01	1.602	3.869	4.702	3.79	6/12/01 9:01	1.414	4.874	4.364	2.461
6/12/01 9:03	1.0657	1.114	0.481	6/12/01 9:01	1.6905	3.869	4.702	3.79	6/12/01 9:01	1.493	4.874	4.364	2.461
6/12/01 9:03	1.1248	1.114	0.481	6/12/01 9:01	1.7843	3.869	4.702	3.79	6/12/01 9:01	1.5767	4.874	4.364	2.461
6/12/01 9:03	1.1875	1.115	0.481	6/12/01 9:01	1.8837	3.871	4.702	3.789	6/12/01 9:01	1.6652	4.874	4.366	2.461
6/12/01 9:03	1.2538	1.115	0.481	6/12/01 9:01	1.989	3.871	4.702	3.79	6/12/01 9:01	1.759	4.874	4.364	2.461
6/12/01 9:03	1.3242	1.115	0.481	6/12/01 9:02	2.1005	3.869	4.702	3.79	6/12/01 9:01	1.8583	4.874	4.364	2.461
6/12/01 9:03	1.3987	1.115	0.482	6/12/01 9:02	2.2187	3.869	4.702	3.79	6/12/01 9:01	1.9637	4.874	4.364	2.461
6/12/01 9:03	1.4777	1.115	0.481	6/12/01 9:02	2.3438	3.871	4.702	3.79	6/12/01 9:02	2.0752	4.874	4.364	2.461
6/12/01 9:03	1.5613	1.115	0.482	6/12/01 9:02	2.4763	3.869	4.702	3.79	6/12/01 9:02	2.1933	4.874	4.364	2.461
6/12/01 9:03	1.6498	1.115	0.481	6/12/01 9:02	2.6168	3.869	4.7	3.789	6/12/01 9:02	2.3185	4.874	4.364	2.461
6/12/01 9:03	1.7437	1.116	0.481	6/12/01 9:02	2.7657	3.871	4.7	3.79	6/12/01 9:02	2.451	4.872	4.364	2.461
6/12/01 9:04	1.843	1.116	0.482	6/12/01 9:02	2.9232	3.869	4.7	3.79	6/12/01 9:02	2.5915	4.872	4.366	2.461
6/12/01 9:04	1.9483	1.116	0.482	6/12/01 9:03	3.09	3.869	4.7	3.79	6/12/01 9:02	2.7403	4.872	4.366	2.461
6/12/01 9:04	2.0598	1.116	0.48	6/12/01 9:03	3.2668	3.869	4.7	3.79	6/12/01 9:02	2.8978	4.872	4.364	2.461
6/12/01 9:04	2.178	1.116	0.482	6/12/01 9:03	3.4542	3.869	4.7	3.79	6/12/01 9:03	3.0647	4.872	4.364	2.461
6/12/01 9:04	2.3032	1.116	0.482	6/12/01 9:03	3.6525	3.869	4.7	3.79	6/12/01 9:03	3.2415	4.872	4.364	2.461
6/12/01 9:04	2.4357	1.116	0.482	6/12/01 9:03	3.8627	3.869	4.702	3.79	6/12/01 9:03	3.4288	4.872	4.366	2.461
6/12/01 9:04	2.5762	1.116	0.48	6/12/01 9:04	4.0853	3.869	4.702	3.79	6/12/01 9:03	3.6272	4.872	4.364	2.461
6/12/01 9:04	2.725	1.116	0.48	6/12/01 9:04	4.3212	3.869	4.702	3.79	6/12/01 9:03	3.8373	4.872	4.363	2.461
6/12/01 9:05	2.8825	1.117	0.48	6/12/01 9:04	4.571	3.869	4.702	3.789	6/12/01 9:04	4.06	4.872	4.363	2.461
6/12/01 9:05	3.0493	1.117	0.48	6/12/01 9:04	4.8357	3.869	4.702	3.79	6/12/01 9:04	4.2958	4.872	4.363	2.461
6/12/01 9:05	3.2262	1.117	0.48	6/12/01 9:05	5.116	3.869	4.703	3.79	6/12/01 9:04	4.5457	4.872	4.363	2.461
6/12/01 9:05	3.4135	1.117	0.481	6/12/01 9:05	5.4128	3.869	4.702	3.79	6/12/01 9:04	4.8103	4.871	4.363	2.461
6/12/01 9:05	3.6118	1.117	0.48	6/12/01 9:05	5.7273	3.869	4.703	3.789	6/12/01 9:05	5.0907	4.872	4.364	2.461
6/12/01 9:06	3.822	1.117	0.48	6/12/01 9:06	6.0605	3.871	4.703	3.79	6/12/01 9:05	5.3875	4.871	4.363	2.461
6/12/01 9:06	4.0447	1.117	0.48	6/12/01 9:06	6.4133	3.869	4.703	3.79	6/12/01 9:05	5.702	4.871	4.364	2.461
6/12/01 9:06	4.2805	1.117	0.48	6/12/01 9:06	6.7872	3.871	4.703	3.79	6/12/01 9:06	6.0352	4.872	4.363	2.462
6/12/01 9:06	4.5303	1.117	0.48	6/12/01 9:07	7.1832	3.871	4.703	3.79	6/12/01 9:06	6.388	4.872	4.364	2.461
6/12/01 9:07	4.795	1.117	0.48	6/12/01 9:07	7.6025	3.871	4.702	3.79	6/12/01 9:06	6.7618	4.872	4.364	2.462
6/12/01 9:07	5.0753	1.117	0.481	6/12/01 9:08	8.0468	3.869	4.702	3.79	6/12/01 9:07	7.1578	4.872	4.364	2.462
6/12/01 9:07	5.3722	1.117	0.481	6/12/01 9:08	8.5175	3.869	4.7	3.79	6/12/01 9:07	7.5772	4.872	4.363	2.462
6/12/01 9:07	5.6867	1.117	0.481	6/12/01 9:09	9.016	3.869	4.7	3.79	6/12/01 9:08	8.0215	4.871	4.363	2.462
6/12/01 9:08	6.0198	1.117	0.481	6/12/01 9:09	9.544	3.869	4.7	3.79	6/12/01 9:08	8.4922	4.871	4.364	2.461
6/12/01 9:08	6.3727	1.117	0.482	6/12/01 9:10	10.1033	3.869	4.702	3.79	6/12/01 9:08	8.9907	4.871	4.363	2.461
6/12/01 9:08	6.7465	1.118	0.481	6/12/01 9:10	10.6958	3.869	4.702	3.79	6/12/01 9:09	9.5187	4.871	4.363	2.461
6/12/01 9:09	7.1425	1.118	0.482	6/12/01 9:11	11.3233	3.869	4.702	3.79	6/12/01 9:10	10.078	4.871	4.363	2.461
6/12/01 9:09	7.5618	1.119	0.482	6/12/01 9:11	11.9882	3.869	4.703	3.79	6/12/01 9:10	10.6705	4.869	4.363	2.461
6/12/01 9:10	8.0062	1.119	0.482	6/12/01 9:12	12.6923	3.871	4.703	3.79	6/12/01 9:11	11.298	4.869	4.363	2.461
6/12/01 9:10	8.4768	1.119	0.481	6/12/01 9:13	13.4382	3.871	4.702	3.79	6/12/01 9:11	11.9628	4.869	4.363	2.461
6/12/01 9:11	8.9753	1.119	0.481	6/12/01 9:14	14.2282	3.871	4.7	3.79	6/12/01 9:12	12.667	4.871	4.363	2.461
6/12/01 9:11	9.5033	1.118	0.481	6/12/01 9:15	15.065	3.869	4.7	3.79	6/12/01 9:13	13.4128	4		

Depth to Water (feet)  
Wetland Monitoring Points  
June 2001 Pump Test

Date & Time	ET	SW-1DP	SEEP 6	Date & Time	ET	DP-1	DP-2	DP-3	Date & Time	ET	SEEP 4	SEEP2	SEEP 1
6/12/01 9:28	26.6683	1.118	0.48	6/12/01 9:42	42.2705	3.871	4.702	3.79	6/12/01 9:37	37.6595	4.871	4.358	2.461
6/12/01 9:30	28.2448	1.118	0.479	6/12/01 9:44	44.7692	3.872	4.703	3.79	6/12/01 9:39	39.8863	4.871	4.361	2.464
6/12/01 9:32	29.9147	1.119	0.48	6/12/01 9:47	47.4158	3.872	4.702	3.79	6/12/01 9:42	42.2452	4.871	4.361	2.464
6/12/01 9:33	31.6835	1.119	0.48	6/12/01 9:50	50.2193	3.874	4.705	3.792	6/12/01 9:44	44.7438	4.872	4.361	2.465
6/12/01 9:35	33.5572	1.119	0.48	6/12/01 9:53	53.189	3.872	4.705	3.79	6/12/01 9:47	47.3905	4.874	4.361	2.465
6/12/01 9:37	35.5418	1.118	0.48	6/12/01 9:56	56.3347	3.871	4.7	3.79	6/12/01 9:50	50.194	4.872	4.36	2.465
6/12/01 9:39	37.6442	1.118	0.48	6/12/01 9:59	59.6667	3.871	4.7	3.79	6/12/01 9:53	53.1637	4.871	4.358	2.464
6/12/01 9:42	39.871	1.119	0.482	6/12/01 10:03	63.1962	3.869	4.7	3.789	6/12/01 9:56	56.3093	4.869	4.358	2.462
6/12/01 9:44	42.2298	1.119	0.482	6/12/01 10:06	66.9347	3.869	4.702	3.79	6/12/01 9:59	59.6413	4.868	4.357	2.462
6/12/01 9:46	44.7285	1.12	0.483	6/12/01 10:10	70.8948	3.871	4.7	3.789	6/12/01 10:03	63.1708	4.871	4.34	2.469
6/12/01 9:49	47.3752	1.121	0.485	6/12/01 10:15	75.0897	3.869	4.7	3.789	6/12/01 10:06	66.9093	4.869	4.338	2.481
6/12/01 9:52	50.1787	1.122	0.485	6/12/01 10:19	79.533	3.871	4.7	3.79	6/12/01 10:10	70.8695	4.872	4.34	2.474
6/12/01 9:55	53.1483	1.123	0.484	6/12/01 10:24	84.2397	3.869	4.7	3.79	6/12/01 10:15	75.0643	4.874	4.34	2.462
6/12/01 9:58	56.294	1.123	0.483	6/12/01 10:29	89.2252	3.871	4.703	3.79	6/12/01 10:19	79.5077	4.872	4.341	2.462
6/12/01 10:01	59.626	1.119	0.481	6/12/01 10:34	94.506	3.872	4.703	3.792	6/12/01 10:24	84.2143	4.872	4.341	2.464
6/12/01 10:05	63.1555	1.12	0.482	6/12/01 10:40	100.0998	3.878	4.703	3.793	6/12/01 10:29	89.1998	4.871	4.343	2.462
6/12/01 10:09	66.894	1.12	0.483	6/12/01 10:46	106.0252	3.875	4.703	3.792	6/12/01 10:34	94.4807	4.871	4.343	2.462
6/12/01 10:13	70.8542	1.12	0.482	6/12/01 10:52	112.3015	3.875	4.708	3.792	6/12/01 10:40	100.0745	4.871	4.343	2.467
6/12/01 10:17	75.049	1.12	0.482	6/12/01 10:58	118.9498	3.878	4.706	3.793	6/12/01 10:45	105.9998	4.871	4.343	2.465
6/12/01 10:21	79.4923	1.119	0.482	6/12/01 11:05	125.992	3.875	4.689	3.793	6/12/01 10:52	112.2762	4.871	4.341	2.467
6/12/01 10:26	84.199	1.119	0.482	6/12/01 11:13	133.4515	3.875	4.699	3.792	6/12/01 10:58	118.9245	4.871	4.344	2.467
6/12/01 10:31	89.1845	1.118	0.482	6/12/01 11:21	141.353	3.871	4.705	3.79	6/12/01 11:05	125.9667	4.871	4.343	2.467
6/12/01 10:36	94.4653	1.118	0.482	6/12/01 11:29	149.7227	3.871	4.702	3.79	6/12/01 11:13	133.4262	4.875	4.341	2.465
6/12/01 10:42	100.0592	1.12	0.484	6/12/01 11:38	158.5883	3.872	4.699	3.792	6/12/01 11:21	141.3277	4.874	4.348	2.469
6/12/01 10:48	105.9845	1.12	0.484	6/12/01 11:47	167.9793	3.867	4.697	3.792	6/12/01 11:29	149.6973	4.875	4.348	2.467
6/12/01 10:54	112.2608	1.122	0.483	6/12/01 11:57	177.9268	3.878	4.69	3.794	6/12/01 11:38	158.563	4.872	4.346	2.471
6/12/01 11:01	118.9092	1.118	0.487	6/12/01 12:08	188.4637	3.871	4.684	3.792	6/12/01 11:47	167.954	4.872	4.341	2.465
6/12/01 11:08	125.9513	1.12	0.487	6/12/01 12:19	199.6248	3.878	4.679	3.796	6/12/01 11:57	177.9015	4.875	4.348	2.469
6/12/01 11:15	133.4108	1.12	0.486	6/12/01 12:31	211.4475	3.872	4.67	3.796	6/12/01 12:08	188.4383	4.875	4.347	2.472
6/12/01 11:23	141.3123	1.12	0.486	6/12/01 12:43	223.9707	3.871	4.666	3.794	6/12/01 12:19	199.5995	4.878	4.354	2.475
6/12/01 11:31	149.682	1.117	0.484	6/12/01 12:57	237.2358	3.882	4.638	3.8	6/12/01 12:31	211.4222	4.88	4.35	2.469
6/12/01 11:40	158.5477	1.114	0.485	6/12/01 13:11	251.287	3.874	4.661	3.797	6/12/01 12:43	223.9453	4.877	4.346	2.465
6/12/01 11:50	167.9387	1.11	0.483	6/12/01 13:26	266.1708	3.884	4.673	3.802	6/12/01 12:57	237.2105	4.878	4.353	2.475
6/12/01 12:00	177.8862	1.111	0.488	6/12/01 13:41	281.9365	3.877	4.679	3.799	6/12/01 13:11	251.2617	4.881	4.343	2.471
6/12/01 12:10	188.423	1.112	0.487	6/12/01 13:58	298.6363	3.878	4.682	3.8	6/12/01 13:26	266.1455	4.881	4.344	2.48
6/12/01 12:21	199.5842	1.114	0.49	6/12/01 14:16	316.3258	3.881	4.683	3.805	6/12/01 13:41	281.9112	4.881	4.344	2.471
6/12/01 12:33	211.4068	1.108	0.484	6/12/01 14:35	335.0635	3.879	4.684	3.806	6/12/01 13:58	298.611	4.881	4.344	2.474
6/12/01 12:46	223.93	1.109	0.488	6/12/01 14:54	354.9113	3.882	4.683	3.807	6/12/01 14:16	316.3005	4.88	4.347	2.475
6/12/01 12:59	237.1952	1.113	0.493	6/12/01 15:15	375.9353	3.882	4.679	3.809	6/12/01 14:35	335.0382	4.878	4.344	2.477
6/12/01 13:13	251.2463	1.109	0.491	6/12/01 15:38	398.205	3.881	4.684	3.816	6/12/01 14:54	354.886	4.88	4.347	2.477
6/12/01 13:28	266.1302	1.112	0.494	6/12/01 16:01	421.7943	3.881	4.69	3.819	6/12/01 15:15	375.91	4.877	4.348	2.477
6/12/01 13:44	281.8958	1.109	0.493	6/12/01 16:26	446.7813	3.884	4.697	3.825	6/12/01 15:38	398.1797	4.89	4.344	2.475
6/12/01 14:00	298.5957	1.109	0.492	6/12/01 16:53	473.249	3.889	4.706	3.826	6/12/01 16:01	421.769	4.887	4.344	2.477
6/12/01 14:18	316.2852	1.111	0.494	6/12/01 17:21	501.2848	3.885	4.7	3.832	6/12/01 16:26	446.756	4.885	4.347	2.48
6/12/01 14:37	335.0228	1.107	0.491	6/12/01 17:50	530.982	3.889	4.709	3.838	6/12/01 16:53	473.2237	4.887	4.353	2.48
6/12/01 14:57	354.8707	1.114	0.5	6/12/01 18:22	562.4388	3.885	4.712	3.838	6/12/01 17:21	501.2595	4.882	4.348	2.475
6/12/01 15:18	375.8947	1.113	0.499	6/12/01 18:55	595.7595	3.882	4.715	3.842	6/12/01 17:50	530.9567	4.89	4.347	2.481
6/12/01 15:40	398.1643	1.109	0.5	6/12/01 19:31	631.0547	3.884	4.718	3.844	6/12/01 18:22	562.4135	4.882	4.341	2.469
6/12/01 16:03	421.7537	1.109	0.501	6/12/01 20:08	668.4412	3.882	4.722	3.844	6/12/01 18:55	595.7342	4.88	4.343	2.468
6/12/01 16:28	446.7407	1.109	0.502	6/12/01 20:48	708.043	3.885	4.726	3.849	6/12/01 19:31	631.0293	4.875	4.343	2.468
6/12/01 16:55	473.2083	1.114	0.508	6/12/01 21:29	749.9913	3.882	4.724	3.848	6/12/01 20:08	668.4158	4.872	4.344	2.467
6/12/01 17:23	501.2442	1.113	0.505	6/12/01 22:14	794.4253	3.882	4.716	3.845	6/12/01 20:48	708.0177	4.875	4.346	2.469
6/12/01 17:53	530.9413	1.115	0.508	6/12/01 23:01	841.4922	3.884	4.716	3.845	6/12/01 21:29	749.966	4.875	4.346	2.468
6/12/01 18:24	562.3982	1.111	0.503	6/12/01 23:51	891.3478	3.885	4.718	3.842	6/12/01 22:14	794.4	4.871	4.348	2.467
6/12/01 18:57	595.7188	1.109	0.502	6/13/01 0:44	944.1577	3.884	4.721	3.841	6/12/01 23:01	841.4668	4.874	4.351	2.469
6/12/01 19:33	631.014	1.111	0.502	6/13/01 1:40	1000.097	3.884	4.719	3.842	6/12/01 23:51	891.3225	4.872	4.353	2.471
6/12/01 20:10	668.4005	1.11	0.5	6/13/01 2:39	1059.35	3.885	4.716	3.841	6/13/01 0:44	944.1323	4.878	4.35	2.468
6/12/01 20:50	708.0023	1.113	0.5	6/13/01 3:39	1119.35	3.885	4.71	3.839	6/13/01 1:40	1000.071	4.888	4.357	2.471
6/12/01 21:32	749.9507	1.116	0.5	6/13/01 4:39	1179.35	3.884	4.713	3.836	6/13/01 2:39	1059.325	4.885	4.36	2.472
6/12/01 22:16	794.3847	1.134	0.499	6/13/01 5:39	1239.35	3.886	4.713	3.835	6/13/01 3:39	1119.325	4.881	4.36	2.471
6/12/01 23:03	841.4515	1.145	0.5	6/13/01 6:39	1299.35	3.889	4.715	3.841	6/13/01 4:39	1179.325	4.878	4.356	2.471
6/12/01 23:53	891.3072	1.131	0.5	6/13/01 7:39	1359.35	3.889	4.712	3.841	6/13/01 5:39	1239.325	4.882	4.356	2.471
6/13/01 0:46	944.117	1.124	0.498	6/13/01 8:39	1419.35	3.885	4.709	3.835	6/13/01 6:39	1299.325	4.881	4.357	2.474
6/13/01 1:42	1000.056	1.121	0.498	6/13/01 9:39	1479.35	3.892	4.709	3.835	6/13/01 7:39	1359.325	4.881	4.353	2.472
6/13/01 2:41	1059.31	1.121	0.499	6/13/01 10:39	1539.35	3.892	4.715	3.833	6/13/01 8:39	1419.325	4.881	4.35	2.469
6/13/01 3:41	1119.31	1.117	0.497	6/13/01 11:39	1599.35	3.898	4.713	3.838	6/13/01 9:39	1479.325	4.881	4.35	2.474
6/13/01 4:41	1179.31	1.117	0.498	6/13/01 12:39	1659.35	3.899	4.697	3.848	6/13/01 10:39	1539.325	4.877	4.351	2.477
6/13/01 5:41	1239.31	1.118	0.496	6/13/01 13:39	1719.35	3.901	4.686	3.854	6/13/01 11:39	1599.325	4.878	4.353	2.48
6/13/01 6:41	1299.31	1.122	0.497	6/13/01 14:39	1779.35	3.902	4.684	3.86	6/13/01 12:39	1659.325	4.881	4.357	2.484
6/13/01 7:41	1359.31	1.116	0.496	6/13/01 15:39	1839.35	3.904	4.7	3.861					

Depth to Water (feet)  
Wetland Monitoring Points  
June 2001 Pump Test

Date & Time	ET	SW-1DP	SEEP 6	Date & Time	ET	DP-1	DP-2	DP-3	Date & Time	ET	SEEP 4	SEEP2	SEEP 1
6/14/01 4:41	2619.31	2.352	0.502	6/14/01 12:39	3099.35	3.922	4.739	3.884	6/14/01 10:39	2979.325	4.871	4.357	2.475
6/14/01 5:41	2679.31	1.123	0.501	6/14/01 13:39	3159.35	3.926	4.737	3.894	6/14/01 11:39	3039.325	4.867	4.354	2.481
6/14/01 6:41	2739.31	1.124	0.501	6/14/01 14:39	3219.35	3.926	4.709	3.897	6/14/01 12:39	3099.325	4.872	4.357	2.488
6/14/01 7:41	2799.31	1.122	0.5	6/14/01 15:39	3279.35	3.925	4.679	3.897	6/14/01 13:39	3159.325	4.878	4.361	2.494
6/14/01 8:41	2859.31	1.118	0.499	6/14/01 16:39	3339.35	3.925	4.668	3.897	6/14/01 14:39	3219.325	4.875	4.358	2.487
6/14/01 9:41	2919.31	1.117	0.499	6/14/01 17:39	3399.35	3.926	4.712	3.903	6/14/01 15:39	3279.325	4.868	4.357	2.483
6/14/01 10:41	2979.31	1.102	0.501	6/14/01 18:39	3459.35	3.928	4.737	3.913	6/14/01 16:39	3339.325	4.858	4.357	2.478
6/14/01 11:41	3039.31	2.351	0.51	6/14/01 19:39	3519.35	3.925	4.747	3.915	6/14/01 17:39	3399.325	4.868	4.357	2.48
6/14/01 12:41	3099.31	2.351	0.516	6/14/01 20:39	3579.35	3.922	4.766	3.917	6/14/01 18:39	3459.325	4.865	4.356	2.48
6/14/01 13:41	3159.31	2.351	0.53	6/14/01 21:39	3639.35	3.924	4.777	3.917	6/14/01 19:39	3519.325	4.861	4.357	2.475
6/14/01 14:41	3219.31	2.351	0.528	6/14/01 22:39	3699.35	3.924	4.783	3.922	6/14/01 20:39	3579.325	4.849	4.358	2.469
6/14/01 15:41	3279.31	2.351	0.534	6/14/01 23:39	3759.35	3.922	4.786	3.919	6/14/01 21:39	3639.325	4.849	4.361	2.474
6/14/01 16:41	3339.31	2.351	0.531	6/15/01 0:39	3819.35	3.921	4.784	3.915	6/14/01 22:39	3699.325	4.852	4.363	2.478
6/14/01 17:41	3399.31	2.351	0.533	6/15/01 1:39	3879.35	3.919	4.78	3.91	6/14/01 23:39	3759.325	4.853	4.361	2.477
6/14/01 18:41	3459.31	2.351	0.532	6/15/01 2:39	3939.35	3.919	4.779	3.906	6/15/01 0:39	3819.325	4.858	4.36	2.474
6/14/01 19:41	3519.31	2.351	0.529	6/15/01 3:39	3999.35	3.922	4.776	3.904	6/15/01 1:39	3879.325	4.842	4.366	2.471
6/14/01 20:41	3579.31	2.351	0.526	6/15/01 4:39	4059.35	3.919	4.761	3.904	6/15/01 2:39	3939.325	4.842	4.363	2.469
6/14/01 21:41	3639.31	2.351	0.523	6/15/01 5:39	4119.35	3.918	4.748	3.904	6/15/01 3:39	3999.325	4.849	4.363	2.474
6/14/01 22:41	3699.31	2.351	0.521	6/15/01 6:39	4179.35	3.921	4.745	3.906	6/15/01 4:39	4059.325	4.846	4.361	2.469
6/14/01 23:41	3759.31	2.352	0.518	6/15/01 7:39	4239.35	3.921	4.741	3.906	6/15/01 5:39	4119.325	4.842	4.36	2.469
6/15/01 0:41	3819.31	2.352	0.515	6/15/01 8:39	4299.35	3.924	4.735	3.904	6/15/01 6:39	4179.325	4.842	4.358	2.471
6/15/01 1:41	3879.31	2.352	0.512	6/15/01 9:39	4359.35	3.928	4.732	3.906	6/15/01 7:39	4239.325	4.842	4.354	2.471
6/15/01 2:41	3939.31	2.352	0.512	6/15/01 10:39	4419.35	3.935	4.755	3.907	6/15/01 8:39	4299.325	4.842	4.36	2.472
6/15/01 3:41	3999.31	2.352	0.511	6/15/01 11:39	4479.35	3.904	4.753	3.896	6/15/01 9:39	4359.325	4.864	4.357	2.475
6/15/01 4:41	4059.31	2.352	0.509	6/15/01 12:39	4539.35	3.901	4.739	3.9	6/15/01 10:39	4419.325	4.852	4.356	2.477
6/15/01 5:41	4119.31	2.352	0.508	6/15/01 13:39	4599.35	3.798	4.712	3.877	6/15/01 11:39	4479.325	4.846	4.34	2.465
6/15/01 6:41	4179.31	2.352	0.508	6/15/01 14:39	4659.35	3.849	4.716	3.849	6/15/01 12:39	4539.325	4.842	4.347	2.475
6/15/01 7:41	4239.31	2.351	0.507	6/15/01 15:39	4719.35	3.811	4.716	3.819	6/15/01 13:39	4599.325	4.814	4.341	2.456
6/15/01 8:41	4299.31	2.351	0.506	6/15/01 16:39	4779.35	3.831	4.718	3.8	6/15/01 14:39	4659.325	4.843	4.34	2.467
6/15/01 9:41	4359.31	1.12	0.505	6/15/01 17:39	4839.35	3.841	4.715	3.799	6/15/01 15:39	4719.325	4.827	4.34	2.459
6/15/01 10:41	4419.31	1.118	0.513	6/15/01 18:39	4899.35	3.842	4.713	3.792	6/15/01 16:39	4779.325	4.833	4.344	2.465
6/15/01 11:41	4479.31	1.103	0.505	6/15/01 19:39	4959.35	3.848	4.719	3.794	6/15/01 17:39	4839.325	4.838	4.344	2.471
6/15/01 12:41	4539.31	1.104	0.484	6/15/01 20:39	5019.35	3.851	4.724	3.796	6/15/01 18:39	4899.325	4.84	4.34	2.471
6/15/01 13:41	4599.31	1.088	0.477	6/15/01 21:39	5079.35	3.852	4.726	3.796	6/15/01 19:39	4959.325	4.838	4.344	2.474
6/15/01 14:41	4659.31	1.095	0.47	6/15/01 22:39	5139.35	3.854	4.728	3.799	6/15/01 20:39	5019.325	4.836	4.341	2.477
6/15/01 15:41	4719.31	1.091	0.464	6/15/01 23:39	5199.35	3.857	4.729	3.799	6/15/01 21:39	5079.325	4.833	4.341	2.48
6/15/01 16:41	4779.31	1.087	0.467	6/16/01 0:39	5259.35	3.859	4.731	3.802	6/15/01 22:39	5139.325	4.839	4.344	2.48
6/15/01 17:41	4839.31	1.088	0.471	6/16/01 1:39	5319.35	3.859	4.731	3.803	6/15/01 23:39	5199.325	4.84	4.348	2.48
6/15/01 18:41	4899.31	1.089	0.473	6/16/01 2:39	5379.35	3.861	4.734	3.807	6/16/01 0:39	5259.325	4.838	4.351	2.481
6/15/01 19:41	4959.31	1.095	0.477	6/16/01 3:39	5439.35	3.862	4.737	3.809	6/16/01 1:39	5319.325	4.839	4.353	2.48
6/15/01 20:41	5019.31	1.097	0.479	6/16/01 4:39	5499.35	3.862	4.735	3.807	6/16/01 2:39	5379.325	4.845	4.351	2.481
6/15/01 21:41	5079.31	2.352	0.48	6/16/01 5:39	5559.35	3.864	4.738	3.81	6/16/01 3:39	5439.325	4.842	4.356	2.483
6/15/01 22:41	5139.31	2.352	0.481	6/16/01 6:39	5619.35	3.868	4.741	3.816	6/16/01 4:39	5499.325	4.851	4.348	2.483
6/15/01 23:41	5199.31	2.352	0.484	6/16/01 7:39	5679.35	3.869	4.744	3.822	6/16/01 5:39	5559.325	4.849	4.351	2.483
6/16/01 0:41	5259.31	2.352	0.485	6/16/01 8:39	5739.35	3.874	4.748	3.828	6/16/01 6:39	5619.325	4.852	4.348	2.485
6/16/01 1:41	5319.31	2.353	0.486	6/16/01 9:39	5799.35	3.875	4.748	3.829	6/16/01 7:39	5679.325	4.845	4.348	2.485
6/16/01 2:41	5379.31	2.353	0.486	6/16/01 10:39	5859.35	3.867	4.737	3.829	6/16/01 8:39	5739.325	4.851	4.348	2.485
6/16/01 3:41	5439.31	2.353	0.487	6/16/01 11:39	5919.35	3.874	4.739	3.835	6/16/01 9:39	5799.325	4.856	4.348	2.484
6/16/01 4:41	5499.31	2.353	0.486	6/16/01 12:39	5979.35	3.859	4.735	3.835	6/16/01 10:39	5859.325	4.864	4.338	2.487
6/16/01 5:41	5559.31	2.353	0.49	6/16/01 13:39	6039.35	3.881	4.741	3.845	6/16/01 11:39	5919.325	4.868	4.343	2.491
6/16/01 6:41	5619.31	2.353	0.49	6/16/01 14:39	6099.35	3.891	4.741	3.849	6/16/01 12:39	5979.325	4.865	4.335	2.485
6/16/01 7:41	5679.31	2.353	0.49	6/16/01 15:39	6159.35	3.875	4.732	3.848	6/16/01 13:39	6039.325	4.867	4.337	2.488
6/16/01 8:41	5739.31	1.104	0.49	6/16/01 16:39	6219.35	3.889	4.735	3.864	6/16/01 14:39	6099.325	4.865	4.347	2.497
6/16/01 9:41	5799.31	1.105	0.49	6/16/01 17:39	6279.35	3.889	4.734	3.865	6/16/01 15:39	6159.325	4.856	4.338	2.488
6/16/01 10:41	5859.31	1.102	0.488	6/16/01 18:39	6339.35	3.884	4.731	3.864	6/16/01 16:39	6219.325	4.868	4.347	2.497
6/16/01 11:41	5919.31	1.091	0.486	6/16/01 19:39	6399.35	3.885	4.729	3.87	6/16/01 17:39	6279.325	4.858	4.346	2.493
6/16/01 12:41	5979.31	1.081	0.486	6/16/01 20:39	6459.35	3.884	4.731	3.87	6/16/01 18:39	6339.325	4.843	4.337	2.484
6/16/01 13:41	6039.31	1.095	0.504	6/16/01 21:39	6519.35	3.882	4.732	3.874	6/16/01 19:39	6399.325	4.838	4.325	2.484
6/16/01 14:41	6099.31	1.097	0.509	6/16/01 22:39	6579.35	3.884	4.734	3.874	6/16/01 20:39	6459.325	4.836	4.325	2.484
6/16/01 15:41	6159.31	1.098	0.504	6/16/01 23:39	6639.35	3.886	4.75	3.874	6/16/01 21:39	6519.325	4.836	4.325	2.483
6/16/01 16:41	6219.31	1.098	0.496	6/17/01 0:39	6699.35	3.878	4.734	3.865	6/16/01 22:39	6579.325	4.83	4.331	2.484
6/16/01 17:41	6279.31	1.089	0.501	6/17/01 1:39	6759.35	3.878	4.734	3.862	6/16/01 23:39	6639.325	4.832	4.34	2.488
6/16/01 18:41	6339.31	1.09	0.503	6/17/01 2:39	6819.35	3.879	4.734	3.862	6/17/01 0:39	6699.325	4.836	4.334	2.483
6/16/01 19:41	6399.31	2.351	0.505	6/17/01 3:39	6879.35	3.884	4.738	3.864	6/17/01 1:39	6759.325	4.836	4.335	2.483
6/16/01 20:41	6459.31	2.351	0.504	6/17/01 4:39	6939.35	3.884	4.742	3.865	6/17/01 2:39	6819.325	4.838	4.334	2.484
6/16/01 21:41	6519.31	2.352	0.503	6/17/01 5:39	6999.35	3.885	4.745	3.868	6/17/01 3:39	6879.325	4.846	4.334	2.485
6/16/01 22:41	6579.31	2.352	0.501	6/17/01 6:39	7059.35	3.888	4.747	3.868	6/17/01 4:39	6939.325	4.848	4.338	2.487
6/16/01 23:41	6639.31	2.352	0.506	6/17/01 7:39	7119.35	3.888	4.748	3.868	6/17/01 5:39	6999.325	4.848	4.331	2.487
6/17/01 0:41	6699.31	1.109	0.491	6/17/01 8:39	7179.35	3.889	4.75	3.868	6/17/01 6:39	7059.325	4.845	4.331	2.49
6/17/01 1:41	6759.31	2.353	0.492	6/17/01 9:39	7239.35	3.889	4.753	3.867	6/17/0				



Water Level Drawdown  
June 2001 Pump Test

Date & Time	ET	Days	SW-1DP	SEEP 6	Date & Time	ET	Days	DP-1	DP-2	DP-3	Date & Time	ET	Days	SEEP 4	SEEP 2	SEEP 1
6/12/01 9:02	0	0.0000	0	0	6/12/01 9:00	0	0.0000	0	0	0	6/12/01 9:00	0	0.0000000	0	0	0
6/12/01 9:02	0.027	0.0000	-0.006	0.001	6/12/01 9:00	0.0428	0.0000	0.001	0.002	0	6/12/01 9:00	0.0375	0.0000260	0	0	0
6/12/01 9:02	0.054	0.0000	-0.007	0.001	6/12/01 9:00	0.0857	0.0001	0.001	0.002	0	6/12/01 9:00	0.075	0.0000521	0	0	0.002
6/12/01 9:02	0.081	0.0001	-0.007	0	6/12/01 9:00	0.1285	0.0001	0.001	0.002	0	6/12/01 9:00	0.1125	0.0000781	0.002	0	0
6/12/01 9:02	0.108	0.0001	-0.008	0	6/12/01 9:00	0.1713	0.0001	0.003	0.002	0	6/12/01 9:00	0.15	0.0001042	0.002	0	0
6/12/01 9:02	0.135	0.0001	-0.008	0	6/12/01 9:00	0.2142	0.0001	0.003	0.002	0	6/12/01 9:00	0.1875	0.0001302	0.002	0	0.002
6/12/01 9:02	0.162	0.0001	-0.008	0	6/12/01 9:00	0.257	0.0002	0.003	0.002	0.001	6/12/01 9:00	0.225	0.0001563	0.002	0	0
6/12/01 9:02	0.189	0.0001	-0.009	0	6/12/01 9:00	0.2998	0.0002	0.003	0.002	0.001	6/12/01 9:00	0.2625	0.0001823	0	0	0.002
6/12/01 9:02	0.216	0.0002	-0.009	0	6/12/01 9:00	0.3427	0.0002	0.003	0.002	0	6/12/01 9:00	0.3	0.0002083	0.002	0.001	0.002
6/12/01 9:02	0.243	0.0002	-0.009	0	6/12/01 9:00	0.3855	0.0003	0.003	0.002	0.001	6/12/01 9:00	0.3375	0.0002344	0	0	0.002
6/12/01 9:02	0.27	0.0002	-0.009	0.001	6/12/01 9:00	0.4283	0.0003	0.001	0.002	0	6/12/01 9:00	0.375	0.0002604	0.002	0.001	0.002
6/12/01 9:02	0.297	0.0002	-0.009	0	6/12/01 9:00	0.4712	0.0003	0.003	0.002	0.001	6/12/01 9:00	0.4125	0.0002865	0.002	0	0.002
6/12/01 9:02	0.324	0.0002	-0.009	0	6/12/01 9:00	0.514	0.0004	0.004	0.003	0.001	6/12/01 9:00	0.45	0.0003125	0.002	0	0.002
6/12/01 9:02	0.351	0.0002	-0.009	0	6/12/01 9:00	0.5568	0.0004	0.003	0.002	0	6/12/01 9:00	0.4875	0.0003385	0.002	0.001	0.002
6/12/01 9:02	0.378	0.0003	-0.01	0	6/12/01 9:00	0.5997	0.0004	0.001	0.002	0.001	6/12/01 9:00	0.525	0.0003646	0.002	0	0.002
6/12/01 9:02	0.405	0.0003	-0.01	0	6/12/01 9:00	0.6425	0.0004	0.003	0.002	0.001	6/12/01 9:00	0.5625	0.0003906	0.002	0.001	0.002
6/12/01 9:02	0.432	0.0003	-0.01	0.001	6/12/01 9:00	0.6853	0.0005	0.003	0.002	0	6/12/01 9:00	0.6	0.0004167	0.002	0	0.002
6/12/01 9:02	0.459	0.0003	-0.01	0	6/12/01 9:00	0.7282	0.0005	0.001	0.002	0.001	6/12/01 9:00	0.6375	0.0004427	0.002	0.001	0.002
6/12/01 9:02	0.486	0.0003	-0.01	0	6/12/01 9:00	0.771	0.0005	0.003	0.002	0.001	6/12/01 9:00	0.675	0.0004688	0.002	0.001	0.002
6/12/01 9:02	0.513	0.0004	-0.01	0	6/12/01 9:00	0.8138	0.0006	0.003	0.002	0.001	6/12/01 9:00	0.7125	0.0004948	0.002	0.001	0.002
6/12/01 9:02	0.54	0.0004	-0.01	0	6/12/01 9:00	0.8567	0.0006	0.003	0.002	0.001	6/12/01 9:00	0.75	0.0005208	0.002	0	0.002
6/12/01 9:02	0.568	0.0004	-0.01	0	6/12/01 9:00	0.901	0.0006	0.003	0.002	0.001	6/12/01 9:00	0.7895	0.0005483	0.002	0.001	0.002
6/12/01 9:02	0.5977	0.0004	-0.01	0	6/12/01 9:00	0.948	0.0007	0.003	0.002	0.001	6/12/01 9:00	0.8313	0.0005773	0.002	0.001	0.002
6/12/01 9:02	0.629	0.0004	-0.01	0	6/12/01 9:00	0.9978	0.0007	0.003	0.002	0.001	6/12/01 9:00	0.8757	0.0006081	0.002	0.001	0.002
6/12/01 9:02	0.6622	0.0005	-0.01	0	6/12/01 9:01	1.0505	0.0007	0.003	0.002	0.001	6/12/01 9:00	0.9227	0.0006408	0.002	0.001	0.002
6/12/01 9:02	0.6973	0.0005	-0.01	0	6/12/01 9:01	1.1063	0.0008	0.003	0.003	0.001	6/12/01 9:00	0.9725	0.0006753	0.002	0.001	0.002
6/12/01 9:02	0.7347	0.0005	-0.01	0	6/12/01 9:01	1.1655	0.0008	0.001	0.002	0	6/12/01 9:01	1.0252	0.0007119	0.002	0.001	0.002
6/12/01 9:02	0.7742	0.0005	-0.011	0	6/12/01 9:01	1.2282	0.0009	0.003	0.002	0.001	6/12/01 9:01	1.081	0.0007507	0.002	0.001	0.002
6/12/01 9:03	0.816	0.0006	-0.012	0	6/12/01 9:01	1.2945	0.0009	0.001	0.002	0.001	6/12/01 9:01	1.1402	0.0007918	0.002	0.001	0.002
6/12/01 9:03	0.8603	0.0006	-0.011	0	6/12/01 9:01	1.3648	0.0009	0.003	0.002	0.001	6/12/01 9:01	1.2028	0.0008353	0.002	0.001	0.002
6/12/01 9:03	0.9073	0.0006	-0.008	0.001	6/12/01 9:01	1.4393	0.0010	0.001	0.002	0.001	6/12/01 9:01	1.2692	0.0008814	0.002	0.001	0.002
6/12/01 9:03	0.9572	0.0007	-0.008	0	6/12/01 9:01	1.5183	0.0011	0.001	0.002	0.001	6/12/01 9:01	1.3395	0.0009302	0.002	0.001	0.002
6/12/01 9:03	1.0098	0.0007	-0.009	0	6/12/01 9:01	1.602	0.0011	0.001	0.002	0.001	6/12/01 9:01	1.414	0.0009819	0.002	0.001	0.002
6/12/01 9:03	1.0657	0.0007	-0.009	0	6/12/01 9:01	1.6905	0.0012	0.001	0.002	0.001	6/12/01 9:01	1.493	0.0010368	0.002	0.001	0.002
6/12/01 9:03	1.1248	0.0008	-0.009	0	6/12/01 9:01	1.7843	0.0012	0.001	0.002	0.001	6/12/01 9:01	1.5767	0.0010949	0.002	0.001	0.002
6/12/01 9:03	1.1875	0.0008	-0.008	0	6/12/01 9:01	1.8837	0.0013	0.003	0.002	0	6/12/01 9:01	1.6652	0.0011564	0.002	0.003	0.002
6/12/01 9:03	1.2538	0.0009	-0.008	0	6/12/01 9:01	1.989	0.0014	0.003	0.002	0.001	6/12/01 9:01	1.759	0.0012215	0.002	0.001	0.002
6/12/01 9:03	1.3242	0.0009	-0.008	0	6/12/01 9:02	2.1005	0.0015	0.001	0.002	0.001	6/12/01 9:01	1.8583	0.0012905	0.002	0.001	0.002
6/12/01 9:03	1.3987	0.0010	-0.008	0.001	6/12/01 9:02	2.2187	0.0015	0.001	0.002	0.001	6/12/01 9:01	1.9637	0.0013637	0.002	0.001	0.002
6/12/01 9:03	1.4777	0.0010	-0.008	0	6/12/01 9:02	2.3438	0.0016	0.003	0.002	0.001	6/12/01 9:02	2.0752	0.0014411	0.002	0.001	0.002
6/12/01 9:03	1.5613	0.0011	-0.008	0.001	6/12/01 9:02	2.4763	0.0017	0.001	0.002	0.001	6/12/01 9:02	2.1933	0.0015231	0.002	0.001	0.002
6/12/01 9:03	1.6498	0.0011	-0.008	0	6/12/01 9:02	2.6168	0.0018	0.001	0	0	6/12/01 9:02	2.3185	0.0016101	0.002	0.001	0.002
6/12/01 9:03	1.7437	0.0012	-0.007	0	6/12/01 9:02	2.7657	0.0019	0.003	0	0.001	6/12/01 9:02	2.451	0.0017021	0	0.001	0.002
6/12/01 9:04	1.843	0.0013	-0.007	0.001	6/12/01 9:02	2.9232	0.0020	0.001	0	0.001	6/12/01 9:02	2.5915	0.0017997	0	0.003	0.002
6/12/01 9:04	1.9483	0.0014	-0.007	0.001	6/12/01 9:03	3.09	0.0021	0.001	0	0.001	6/12/01 9:02	2.7403	0.0019030	0	0.003	0.002
6/12/01 9:04	2.0598	0.0014	-0.007	-0.001	6/12/01 9:03	3.2668	0.0023	0.001	0	0.001	6/12/01 9:02	2.8978	0.0020124	0	0.001	0.002
6/12/01 9:04	2.178	0.0015	-0.007	0.001	6/12/01 9:03	3.4542	0.0024	0.001	0	0.001	6/12/01 9:03	3.0647	0.0021283	0	0.001	0.002
6/12/01 9:04	2.3032	0.0016	-0.007	0.001	6/12/01 9:03	3.6525	0.0025	0.001	0	0.001	6/12/01 9:03	3.2415	0.0022510	0	0.001	0.002
6/12/01 9:04	2.4357	0.0017	-0.007	0.001	6/12/01 9:03	3.8627	0.0027	0.001	0.002	0.001	6/12/01 9:03	3.4288	0.0023811	0	0.003	0.002
6/12/01 9:04	2.5762	0.0018	-0.007	-0.001	6/12/01 9:04	4.0853	0.0028	0.001	0.002	0.001	6/12/01 9:03	3.6272	0.0025189	0	0.001	0.002
6/12/01 9:04	2.725	0.0019	-0.007	-0.001	6/12/01 9:04	4.3212	0.0030	0.001	0.002	0.001	6/12/01 9:03	3.8373	0.0026648	0	0	0.002
6/12/01 9:05	2.8825	0.0020	-0.006	-0.001	6/12/01 9:04	4.571	0.0032	0.001	0.002	0	6/12/01 9:04	4.06	0.0028194	0	0	0.002
6/12/01 9:05	3.0493	0.0021	-0.006	-0.001	6/12/01 9:04	4.8357	0.0034	0.001	0.002	0.001	6/12/01 9:04	4.2958	0.0029832	0	0	0.002
6/12/01 9:05	3.2262	0.0022	-0.006	-0.001	6/12/01 9:05	5.116	0.0036	0.001	0.003	0.001	6/12/01 9:04	4.5457	0.0031567	0	0	0.002
6/12/01 9:05	3.4135	0.0024	-0.006	0	6/12/01 9:05	5.4128	0.0038	0.001	0.002	0.001	6/12/01 9:04	4.8103	0.0033405	-0.001	0	0.002
6/12/01 9:05	3.6118	0.0025	-0.006	-0.001	6/12/01 9:05	5.7273	0.0040	0.001	0.003	0	6/12/01 9:05	5.0907	0.0035352	0	0.001	0.002
6/12/01 9:06	3.822	0.0027	-0.006	-0.001	6/12/01 9:06	6.0605	0.0042	0.003	0.003	0.001	6/12/01 9:05	5.3875	0.0037413	-0.001	0	0.002
6/12/01 9:06	4.0447	0.0028	-0.006	-0.001	6/12/01 9:06	6.4133	0.0045	0.001	0.003	0.001	6/12/01 9:05	5.702	0.0039597	-0.001	0.001	0.002
6/12/01 9:06	4.2805	0.0030	-0.006	-0.001	6/12/01 9:06	6.7872	0.0047	0.003	0.003	0.001	6/12/01 9:06	6.0352	0.0041911	0	0	0.003
6/12/01 9:06	4.5303	0.0031	-0.006	-0.001	6/12/01 9:07	7.1832	0.0050	0.003	0.003	0.001	6/12/01 9:06	6.388	0.0044361	0	0.001	0.002
6/12/01 9:07	4.795	0.0033	-0.006	-0.001	6/12/01 9:07	7.6025	0.0053	0.003	0.002	0.001	6/12/01 9:06	6.7618	0.0046957	0	0.001	0.003
6/12/01 9:07	5.0753	0.0035	-0.006	0	6/12/01 9:08	8.0468	0.0056	0.001	0.002	0.001	6/12/01 9:07	7.1578	0.			

Water Level Drawdown  
June 2001 Pump Test

Date & Time	ET	Days	SW-1DP	SEEP 6	Date & Time	ET	Days	DP-1	DP-2	DP-3	Date & Time	ET	Days	SEEP 4	SEEP 2	SEEP 1
6/12/01 9:39	37.6442	0.0261	-0.005	-0.001	6/12/01 9:59	59.6667	0.0414	0.003	0	0.001	6/12/01 9:53	53.1637	0.0369192	-0.001	-0.005	0.005
6/12/01 9:42	39.871	0.0277	-0.004	0.001	6/12/01 10:03	63.1962	0.0439	0.001	0	0	6/12/01 9:56	56.3093	0.0391037	-0.003	-0.005	0.003
6/12/01 9:44	42.2298	0.0293	-0.004	0.001	6/12/01 10:06	66.9347	0.0465	0.001	0.002	0.001	6/12/01 9:59	59.6413	0.0414176	-0.004	-0.006	0.003
6/12/01 9:46	44.7285	0.0311	-0.003	0.002	6/12/01 10:10	70.8948	0.0492	0.003	0	0	6/12/01 10:03	63.1708	0.0438686	-0.001	-0.023	0.01
6/12/01 9:49	47.3752	0.0329	-0.002	0.004	6/12/01 10:15	75.0897	0.0521	0.001	0	0	6/12/01 10:06	66.9093	0.0464648	-0.003	-0.025	0.022
6/12/01 9:52	50.1787	0.0348	-0.001	0.004	6/12/01 10:20	79.533	0.0552	0.003	0	0.001	6/12/01 10:10	70.8695	0.0492149	0	-0.023	0.015
6/12/01 9:55	53.1483	0.0369	0	0.003	6/12/01 10:24	84.2397	0.0585	0.001	0	0.001	6/12/01 10:15	75.0643	0.0521280	0.002	-0.023	0.003
6/12/01 9:58	56.294	0.0391	0	0.002	6/12/01 10:29	89.2252	0.0620	0.003	0.003	0.001	6/12/01 10:19	79.5077	0.0552137	0	-0.022	0.003
6/12/01 10:01	59.626	0.0414	-0.004	0	6/12/01 10:34	94.506	0.0656	0.004	0.003	0.003	6/12/01 10:24	84.2143	0.0584822	0	-0.022	0.005
6/12/01 10:05	63.1555	0.0439	-0.003	0.001	6/12/01 10:40	100.0998	0.0695	0.01	0.003	0.004	6/12/01 10:29	89.1998	0.0619443	-0.001	-0.02	0.003
6/12/01 10:09	66.894	0.0465	-0.003	0.002	6/12/01 10:46	106.0252	0.0736	0.007	0.003	0.003	6/12/01 10:34	94.4807	0.0656116	-0.001	-0.02	0.003
6/12/01 10:13	70.8542	0.0492	-0.003	0.001	6/12/01 10:52	112.3015	0.0780	0.007	0.008	0.003	6/12/01 10:40	100.0745	0.0694962	-0.001	-0.02	0.008
6/12/01 10:17	75.049	0.0521	-0.003	0.001	6/12/01 10:58	118.9498	0.0826	0.01	0.006	0.004	6/12/01 10:45	105.9998	0.0736110	-0.001	-0.02	0.006
6/12/01 10:21	79.4923	0.0552	-0.004	0.001	6/12/01 11:05	125.992	0.0875	0.007	-0.011	0.004	6/12/01 10:52	112.2762	0.0779696	-0.001	-0.022	0.008
6/12/01 10:26	84.199	0.0585	-0.004	0.001	6/12/01 11:13	133.4515	0.0927	0.007	-0.001	0.003	6/12/01 10:58	118.9245	0.0825865	-0.001	-0.019	0.008
6/12/01 10:31	89.1845	0.0619	-0.005	0.001	6/12/01 11:21	141.353	0.0982	0.003	0.005	0.001	6/12/01 11:05	125.9667	0.0874769	-0.001	-0.02	0.008
6/12/01 10:36	94.4653	0.0656	-0.005	0.001	6/12/01 11:29	149.7227	0.1040	0.003	0.002	0.001	6/12/01 11:13	133.4262	0.0926571	0.003	-0.022	0.006
6/12/01 10:42	100.0592	0.0695	-0.003	0.003	6/12/01 11:38	158.5883	0.1101	0.004	-0.001	0.003	6/12/01 11:21	141.3277	0.0981442	0.002	-0.015	0.01
6/12/01 10:48	105.9845	0.0736	-0.003	0.003	6/12/01 11:47	167.9793	0.1167	-0.001	-0.003	0.003	6/12/01 11:29	149.6973	0.1039565	0.003	-0.015	0.008
6/12/01 10:54	112.2608	0.0780	-0.001	0.002	6/12/01 11:57	177.9268	0.1236	0.01	-0.01	0.005	6/12/01 11:38	158.563	0.1101132	0	-0.017	0.012
6/12/01 11:01	118.9092	0.0826	-0.005	0.006	6/12/01 12:08	188.4637	0.1309	0.003	-0.016	0.003	6/12/01 11:47	167.954	0.1166347	0	-0.022	0.006
6/12/01 11:08	125.9513	0.0875	-0.003	0.006	6/12/01 12:19	199.6248	0.1386	0.01	-0.021	0.007	6/12/01 11:57	177.9015	0.1235427	0.003	-0.015	0.01
6/12/01 11:15	133.4108	0.0926	-0.003	0.005	6/12/01 12:31	211.4475	0.1468	0.004	-0.03	0.007	6/12/01 12:08	188.4383	0.1308599	0.003	-0.016	0.013
6/12/01 11:23	141.3123	0.0981	-0.003	0.005	6/12/01 12:43	223.9707	0.1555	0.003	-0.034	0.005	6/12/01 12:19	199.5995	0.1386108	0.006	-0.009	0.016
6/12/01 11:31	149.862	0.1039	-0.006	0.003	6/12/01 12:57	237.2358	0.1647	0.014	-0.062	0.011	6/12/01 12:31	211.4222	0.1468210	0.008	-0.013	0.01
6/12/01 11:40	158.5477	0.1101	-0.009	0.004	6/12/01 13:11	251.287	0.1745	0.006	-0.039	0.008	6/12/01 12:43	223.9453	0.1555176	0.005	-0.017	0.006
6/12/01 11:50	167.9387	0.1166	-0.013	0.002	6/12/01 13:26	266.1708	0.1848	0.016	-0.027	0.013	6/12/01 12:57	237.2105	0.1647295	0.006	-0.01	0.016
6/12/01 12:00	177.8862	0.1235	-0.012	0.007	6/12/01 13:41	281.9365	0.1958	0.009	-0.021	0.01	6/12/01 13:11	251.2617	0.1744873	0.009	-0.02	0.012
6/12/01 12:10	188.423	0.1308	-0.011	0.006	6/12/01 13:58	298.6363	0.2074	0.01	-0.018	0.011	6/12/01 13:26	266.1455	0.1848233	0.009	-0.019	0.021
6/12/01 12:21	199.5842	0.1386	-0.009	0.009	6/12/01 14:16	316.3258	0.2197	0.013	-0.017	0.016	6/12/01 13:41	281.9112	0.1957717	0.009	-0.019	0.012
6/12/01 12:33	211.4068	0.1468	-0.015	0.003	6/12/01 14:35	335.0635	0.2327	0.011	-0.016	0.017	6/12/01 13:58	298.611	0.2073688	0.009	-0.019	0.015
6/12/01 12:46	223.93	0.1555	-0.014	0.007	6/12/01 14:54	354.9113	0.2465	0.014	-0.017	0.018	6/12/01 14:16	316.3005	0.2196531	0.008	-0.016	0.016
6/12/01 12:59	237.1952	0.1647	-0.01	0.012	6/12/01 15:15	375.9353	0.2611	0.014	-0.021	0.02	6/12/01 14:35	335.0382	0.2326654	0.006	-0.019	0.018
6/12/01 13:13	251.2463	0.1745	-0.014	0.01	6/12/01 15:38	398.205	0.2765	0.013	-0.016	0.027	6/12/01 14:54	354.886	0.2464486	0.008	-0.016	0.018
6/12/01 13:28	266.1302	0.1848	-0.011	0.013	6/12/01 16:01	421.7943	0.2929	0.013	-0.01	0.03	6/12/01 15:15	375.91	0.2610486	0.005	-0.015	0.018
6/12/01 13:44	281.8958	0.1958	-0.014	0.012	6/12/01 16:26	446.7813	0.3103	0.016	-0.003	0.036	6/12/01 15:38	398.1797	0.2765137	0.018	-0.019	0.016
6/12/01 14:00	298.5957	0.2074	-0.014	0.011	6/12/01 16:53	473.249	0.3286	0.021	0.006	0.037	6/12/01 16:01	421.769	0.2928951	0.015	-0.019	0.018
6/12/01 14:18	316.2852	0.2196	-0.012	0.013	6/12/01 17:21	501.2848	0.3481	0.017	0	0.043	6/12/01 16:26	446.756	0.3102472	0.013	-0.016	0.021
6/12/01 14:37	335.0228	0.2327	-0.016	0.01	6/12/01 17:50	530.982	0.3687	0.021	0.009	0.049	6/12/01 16:53	473.2237	0.3286276	0.015	-0.01	0.021
6/12/01 14:57	354.8707	0.2464	-0.009	0.019	6/12/01 18:22	562.4388	0.3906	0.017	0.012	0.049	6/12/01 17:21	501.2595	0.3480969	0.01	-0.015	0.016
6/12/01 15:18	375.8947	0.2610	-0.01	0.018	6/12/01 18:55	595.7595	0.4137	0.014	0.015	0.053	6/12/01 17:50	530.9567	0.3687199	0.018	-0.016	0.022
6/12/01 15:40	398.1643	0.2765	-0.014	0.019	6/12/01 19:31	631.0547	0.4382	0.016	0.018	0.055	6/12/01 18:22	562.4135	0.3905649	0.01	-0.022	0.01
6/12/01 16:03	421.7537	0.2929	-0.014	0.02	6/12/01 20:08	668.4412	0.4642	0.014	0.022	0.055	6/12/01 18:55	595.7342	0.4137043	0.008	-0.02	0.009
6/12/01 16:28	446.7407	0.3102	-0.014	0.021	6/12/01 20:48	708.043	0.4917	0.017	0.026	0.06	6/12/01 19:31	631.0293	0.4382148	0.003	-0.02	0.009
6/12/01 16:55	473.2083	0.3286	-0.009	0.027	6/12/01 21:29	749.9913	0.5208	0.014	0.024	0.059	6/12/01 20:08	668.4158	0.4641776	0	-0.019	0.008
6/12/01 17:23	501.2442	0.3481	-0.01	0.024	6/12/01 22:14	794.4253	0.5517	0.014	0.016	0.056	6/12/01 20:48	708.0177	0.4916790	0.003	-0.017	0.01
6/12/01 17:53	530.9413	0.3687	-0.008	0.027	6/12/01 23:01	841.4922	0.5844	0.016	0.016	0.056	6/12/01 21:29	749.966	0.5208097	0.003	-0.017	0.009
6/12/01 18:24	562.3982	0.3906	-0.012	0.022	6/12/01 23:51	891.3478	0.6190	0.017	0.018	0.053	6/12/01 22:14	794.4	0.5516667	-0.001	-0.015	0.008
6/12/01 18:57	595.7188	0.4137	-0.014	0.021	6/13/01 0:44	944.1577	0.6557	0.016	0.021	0.052	6/12/01 23:01	841.4668	0.5843519	0.002	-0.012	0.01
6/12/01 19:33	631.014	0.4382	-0.012	0.021	6/13/01 1:40	1000.097	0.6945	0.016	0.019	0.053	6/12/01 23:51	891.3225	0.6189740	0	-0.01	0.012
6/12/01 20:10	668.4005	0.4642	-0.013	0.019	6/13/01 2:39	1059.35	0.7357	0.017	0.016	0.052	6/13/01 0:44	944.1323	0.6556474	0.006	-0.013	0.009
6/12/01 20:50	708.0023	0.4917	-0.01	0.019	6/13/01 3:39	1119.35	0.7773	0.017	0.01	0.05	6/13/01 1:40	1000.071	0.6944940	0.016	-0.006	0.012
6/12/01 21:32	749.9507	0.5208	-0.007	0.019	6/13/01 4:39	1179.35	0.8190	0.016	0.013	0.047	6/13/01 2:39	1059.325	0.7356424	0.013	-0.003	0.013
6/12/01 22:16	794.3847	0.5517	0.011	0.018	6/13/01 5:39	1239.35	0.8607	0.018	0.013	0.046	6/13/01 3:39	1119.325	0.7773090	0.009	-0.003	0.012
6/12/01 23:03	841.4515	0.5843	0.022	0.019	6/13/01 6:39	1299.35	0.9023	0.021	0.015	0.052	6/13/01 4:39	1179.325	0.8189757	0.006	-0.007	0.012
6/12/01 23:53	891.3072	0.6190	0.008	0.019	6/13/01 7:39	1359.35	0.9440	0.021	0.012	0.052	6/13/01 5:39	1239.325	0.8606424	0.01	-0.007	0.012
6/13/01 0:46	944.117	0.6556	0.001	0.017	6/13/01 8:39	1419.35	0.9857	0.017	0.009	0.046	6/13/01 6:39	1299.325	0.9023090	0.009	-0.006	0.015
6/13/01 1:42	1000.056	0.6945	-0.002	0.017	6/13/01 9:39	1479.35	1.0273	0.024	0.009	0.046	6/13/01 7:39	1359				



Water Level Drawdown  
June 2001 Pump Test

Date & Time	ET	Days	SW-1DP	SEEP 6	Date & Time	ET	Days	DP-1	DP-2	DP-3	Date & Time	ET	Days	SEEP 4	SEEP 2	SEEP 1
6/14/01 17:41	3399.31	2.3606		0.052	6/15/01 1:39	3879.35	2.6940	0.051	0.08	0.121	6/14/01 23:39	3759.325	2.6106424	-0.019	-0.002	0.018
6/14/01 18:41	3459.31	2.4023		0.051	6/15/01 2:39	3939.35	2.7357	0.051	0.079	0.117	6/15/01 0:39	3819.325	2.6523090	-0.014	-0.003	0.015
6/14/01 19:41	3519.31	2.4440		0.048	6/15/01 3:39	3999.35	2.7773	0.054	0.076	0.115	6/15/01 1:39	3879.325	2.6939757	-0.03	0.003	0.012
6/14/01 20:41	3579.31	2.4856		0.045	6/15/01 4:39	4059.35	2.8190	0.051	0.061	0.115	6/15/01 2:39	3939.325	2.7356424	-0.03	0	0.01
6/14/01 21:41	3639.31	2.5273		0.042	6/15/01 5:39	4119.35	2.8607	0.05	0.048	0.115	6/15/01 3:39	3999.325	2.7773090	-0.023	0	0.015
6/14/01 22:41	3699.31	2.5690		0.04	6/15/01 6:39	4179.35	2.9023	0.053	0.045	0.117	6/15/01 4:39	4059.325	2.8189757	-0.026	-0.002	0.01
6/14/01 23:41	3759.31	2.6106		0.037	6/15/01 7:39	4239.35	2.9440	0.053	0.041	0.117	6/15/01 5:39	4119.325	2.8606424	-0.03	-0.003	0.01
6/15/01 0:41	3819.31	2.6523		0.034	6/15/01 8:39	4299.35	2.9857	0.056	0.035	0.115	6/15/01 6:39	4179.325	2.9023090	-0.03	-0.005	0.012
6/15/01 1:41	3879.31	2.6940		0.031	6/15/01 9:39	4359.35	3.0273	0.06	0.032	0.117	6/15/01 7:39	4239.325	2.9439757	-0.03	-0.009	0.012
6/15/01 2:41	3939.31	2.7356		0.031	6/15/01 10:39	4419.35	3.0690	0.067	0.055	0.118	6/15/01 8:39	4299.325	2.9856424	-0.03	-0.003	0.013
6/15/01 3:41	3999.31	2.7773		0.03	6/15/01 11:39	4479.35	3.1107	0.036	0.053	0.107	6/15/01 9:39	4359.325	3.0273090	-0.008	-0.006	0.016
6/15/01 4:41	4059.31	2.8190		0.028	6/15/01 12:39	4539.35	3.1523	0.033	0.039	0.111	6/15/01 10:39	4419.325	3.0689757	-0.02	-0.007	0.018
6/15/01 5:41	4119.31	2.8606		0.027	6/15/01 13:39	4599.35	3.1940	-0.07	0.012	0.088	6/15/01 11:39	4479.325	3.1106424	-0.026	-0.023	0.006
6/15/01 6:41	4179.31	2.9023		0.027	6/15/01 14:39	4659.35	3.2357	-0.019	0.016	0.06	6/15/01 12:39	4539.325	3.1523090	-0.03	-0.016	0.016
6/15/01 7:41	4239.31	2.9440		0.026	6/15/01 15:39	4719.35	3.2773	-0.057	0.016	0.03	6/15/01 13:39	4599.325	3.1939757	-0.058	-0.022	-0.003
6/15/01 8:41	4299.31	2.9856		0.025	6/15/01 16:39	4779.35	3.3190	-0.037	0.018	0.011	6/15/01 14:39	4659.325	3.2356424	-0.029	-0.023	0.008
6/15/01 9:41	4359.31	3.0273	-0.003	0.024	6/15/01 17:39	4839.35	3.3607	-0.027	0.015	0.01	6/15/01 15:39	4719.325	3.2773090	-0.045	-0.023	0
6/15/01 10:41	4419.31	3.0690	-0.005	0.032	6/15/01 18:39	4899.35	3.4023	-0.026	0.013	0.003	6/15/01 16:39	4779.325	3.3189757	-0.039	-0.019	0.006
6/15/01 11:41	4479.31	3.1106	-0.02	0.024	6/15/01 19:39	4959.35	3.4440	-0.02	0.019	0.005	6/15/01 17:39	4839.325	3.3606424	-0.034	-0.019	0.012
6/15/01 12:41	4539.31	3.1523	-0.019	0.003	6/15/01 20:39	5019.35	3.4857	-0.017	0.024	0.007	6/15/01 18:39	4899.325	3.4023090	-0.032	-0.023	0.012
6/15/01 13:41	4599.31	3.1940	-0.035	-0.004	6/15/01 21:39	5079.35	3.5273	-0.016	0.026	0.007	6/15/01 19:39	4959.325	3.4439757	-0.034	-0.019	0.015
6/15/01 14:41	4659.31	3.2356	-0.028	-0.011	6/15/01 22:39	5139.35	3.5690	-0.014	0.028	0.01	6/15/01 20:39	5019.325	3.4856424	-0.036	-0.022	0.018
6/15/01 15:41	4719.31	3.2773	-0.032	-0.017	6/15/01 23:39	5199.35	3.6107	-0.011	0.029	0.01	6/15/01 21:39	5079.325	3.5273090	-0.039	-0.022	0.021
6/15/01 16:41	4779.31	3.3190	-0.036	-0.014	6/16/01 0:39	5259.35	3.6523	-0.009	0.031	0.013	6/15/01 22:39	5139.325	3.5689757	-0.033	-0.019	0.021
6/15/01 17:41	4839.31	3.3606	-0.035	-0.01	6/16/01 1:39	5319.35	3.6940	-0.009	0.031	0.014	6/15/01 23:39	5199.325	3.6106424	-0.032	-0.015	0.021
6/15/01 18:41	4899.31	3.4023	-0.034	-0.008	6/16/01 2:39	5379.35	3.7357	-0.007	0.034	0.018	6/16/01 0:39	5259.325	3.6523090	-0.034	-0.012	0.022
6/15/01 19:41	4959.31	3.4440	-0.028	-0.004	6/16/01 3:39	5439.35	3.7773	-0.006	0.037	0.02	6/16/01 1:39	5319.325	3.6939757	-0.033	-0.01	0.021
6/15/01 20:41	5019.31	3.4856	-0.026	-0.002	6/16/01 4:39	5499.35	3.8190	-0.006	0.035	0.018	6/16/01 2:39	5379.325	3.7356424	-0.027	-0.012	0.022
6/15/01 21:41	5079.31	3.5273	-0.001	-0.001	6/16/01 5:39	5559.35	3.8607	-0.004	0.038	0.021	6/16/01 3:39	5439.325	3.7773090	-0.03	-0.007	0.024
6/15/01 22:41	5139.31	3.5690	0	0	6/16/01 6:39	5619.35	3.9023	0	0.041	0.027	6/16/01 4:39	5499.325	3.8189757	-0.021	-0.015	0.024
6/15/01 23:41	5199.31	3.6106	0.003	0.003	6/16/01 7:39	5679.35	3.9440	0.001	0.044	0.033	6/16/01 5:39	5559.325	3.8606424	-0.023	-0.012	0.024
6/16/01 0:41	5259.31	3.6523	0.004	0.004	6/16/01 8:39	5739.35	3.9857	0.006	0.048	0.039	6/16/01 6:39	5619.325	3.9023090	-0.02	-0.015	0.026
6/16/01 1:41	5319.31	3.6940	0.005	0.005	6/16/01 9:39	5799.35	4.0273	0.007	0.048	0.04	6/16/01 7:39	5679.325	3.9439757	-0.027	-0.015	0.026
6/16/01 2:41	5379.31	3.7356	0.005	0.005	6/16/01 10:39	5859.35	4.0690	-0.001	0.037	0.04	6/16/01 8:39	5739.325	3.9856424	-0.021	-0.015	0.026
6/16/01 3:41	5439.31	3.7773	0.006	0.006	6/16/01 11:39	5919.35	4.1107	0.006	0.039	0.046	6/16/01 9:39	5799.325	4.0273090	-0.016	-0.015	0.025
6/16/01 4:41	5499.31	3.8190	0.005	0.005	6/16/01 12:39	5979.35	4.1523	-0.009	0.035	0.046	6/16/01 10:39	5859.325	4.0689757	-0.008	-0.025	0.028
6/16/01 5:41	5559.31	3.8606	0.009	0.009	6/16/01 13:39	6039.35	4.1940	0.013	0.041	0.056	6/16/01 11:39	5919.325	4.1106424	-0.004	-0.02	0.032
6/16/01 6:41	5619.31	3.9023	0.009	0.009	6/16/01 14:39	6099.35	4.2357	0.023	0.041	0.06	6/16/01 12:39	5979.325	4.1523090	-0.007	-0.028	0.026
6/16/01 7:41	5679.31	3.9440	0.009	0.009	6/16/01 15:39	6159.35	4.2773	0.007	0.032	0.059	6/16/01 13:39	6039.325	4.1939757	-0.005	-0.026	0.029
6/16/01 8:41	5739.31	3.9856	-0.019	0.009	6/16/01 16:39	6219.35	4.3190	0.021	0.035	0.075	6/16/01 14:39	6099.325	4.2356424	-0.007	-0.016	0.038
6/16/01 9:41	5799.31	4.0273	-0.018	0.009	6/16/01 17:39	6279.35	4.3607	0.021	0.034	0.076	6/16/01 15:39	6159.325	4.2773090	-0.016	-0.025	0.029
6/16/01 10:41	5859.31	4.0690	-0.021	0.007	6/16/01 18:39	6339.35	4.4023	0.016	0.031	0.075	6/16/01 16:39	6219.325	4.3189757	-0.004	-0.016	0.038
6/16/01 11:41	5919.31	4.1106	-0.032	0.005	6/16/01 19:39	6399.35	4.4440	0.017	0.029	0.081	6/16/01 17:39	6279.325	4.3606424	-0.014	-0.017	0.034
6/16/01 12:41	5979.31	4.1523	-0.042	0.005	6/16/01 20:39	6459.35	4.4857	0.016	0.031	0.081	6/16/01 18:39	6339.325	4.4023090	-0.029	-0.026	0.025
6/16/01 13:41	6039.31	4.1940	-0.028	0.023	6/16/01 21:39	6519.35	4.5273	0.014	0.032	0.085	6/16/01 19:39	6399.325	4.4439757	-0.034	-0.038	0.025
6/16/01 14:41	6099.31	4.2356	-0.026	0.028	6/16/01 22:39	6579.35	4.5690	0.016	0.034	0.085	6/16/01 20:39	6459.325	4.4856424	-0.036	-0.038	0.025
6/16/01 15:41	6159.31	4.2773	-0.025	0.023	6/16/01 23:39	6639.35	4.6107	0.018	0.05	0.085	6/16/01 21:39	6519.325	4.5273090	-0.036	-0.038	0.024
6/16/01 16:41	6219.31	4.3190	-0.025	0.015	6/17/01 0:39	6699.35	4.6523	0.01	0.034	0.076	6/16/01 22:39	6579.325	4.5689757	-0.042	-0.032	0.025
6/16/01 17:41	6279.31	4.3606	-0.034	0.02	6/17/01 1:39	6759.35	4.6940	0.01	0.034	0.073	6/16/01 23:39	6639.325	4.6106424	-0.04	-0.023	0.029
6/16/01 18:41	6339.31	4.4023	-0.033	0.022	6/17/01 2:39	6819.35	4.7357	0.011	0.034	0.073	6/17/01 0:39	6699.325	4.6523090	-0.036	-0.029	0.024
6/16/01 19:41	6399.31	4.4440	0.024	0.024	6/17/01 3:39	6879.35	4.7773	0.016	0.038	0.075	6/17/01 1:39	6759.325	4.6939757	-0.036	-0.028	0.024
6/16/01 20:41	6459.31	4.4856	0.023	0.023	6/17/01 4:39	6939.35	4.8190	0.016	0.042	0.076	6/17/01 2:39	6819.325	4.7356424	-0.034	-0.029	0.025
6/16/01 21:41	6519.31	4.5273	0.022	0.022	6/17/01 5:39	6999.35	4.8607	0.017	0.045	0.079	6/17/01 3:39	6879.325	4.7773090	-0.026	-0.029	0.026
6/16/01 22:41	6579.31	4.5690	0.02	0.02	6/17/01 6:39	7059.35	4.9023	0.02	0.047	0.079	6/17/01 4:39	6939.325	4.8189757	-0.024	-0.025	0.028
6/16/01 23:41	6639.31	4.6106	0.025	0.025	6/17/01 7:39	7119.35	4.9440	0.02	0.048	0.079	6/17/01 5:39	6999.325	4.8606424	-0.024	-0.032	0.028
6/17/01 0:41	6699.31	4.6523	-0.014	0.01	6/17/01 8:39	7179.35	4.9857	0.021	0.05	0.079	6/17/01 6:39	7059.325	4.9023090	-0.027	-0.032	0.031
6/17/01 1:41	6759.31	4.6940	0.011	0.011	6/17/01 9:39	7239.35	5.0273	0.021	0.053	0.078	6/17/01 7:39	7119.325	4.9439757	-0.023	-0.029	0.031
6/17/01 2:41	6819.31	4.7356	0.018	0.018	6/17/01 10:39	7299.35	5.0690	0.027	0.057	0.078	6/17/01 8:39	7179.325	4.9856424	-0.027	-0.026	0.034
6/17/01 3:41	6879.31	4.7773	0.013	0.013	6/17/01 11:39											



**GSWA - Spring Hill Seven Day Pumping Test**

**4065-005-AT1**

Well No.: Vent 1  
 Pumping Well: PW-101  
 Start Date: 6/12/2001 Start time: 9:00  
 Initial Depth to Water: 4.48  
 Pumping Rate: 400 gpm

Page 1 of 2  
 Test No. : 7-Day Test

Date	Time	D Time (days)	DTW	Ds	Remarks
6/12/2001	9:00:00	0	4.48	0.00	
6/13/2001	15:19:00	1.26	4.48	0.00	
6/13/2001	17:59:00	1.37	4.48	0.00	
6/14/2001	11:05:00	2.09	4.48	0.00	
6/14/2001	14:14:00	2.22	4.48	0.00	
6/14/2001	17:04:00	2.34	4.48	0.00	
6/14/2001	20:25:00	2.48	4.48	0.00	
6/15/2001	10:12:00	3.05	4.48	0.00	
6/15/2001	15:21:00	3.26	4.46	-0.02	
6/15/2001	17:19:00	3.35	4.48	0.00	
6/16/2001	10:31:00	4.06	4.48	0.00	
6/16/2001	15:13:00	4.26	4.48	0.00	
6/16/2001	16:35:00	4.32	4.48	0.00	
6/17/2001	10:03:00	5.04	4.48	0.00	
6/17/2001	13:42:00	5.20	4.47	-0.01	
6/17/2001	15:29:00	5.27	4.48	0.00	
6/17/2001	18:02:00	5.38	4.47	-0.01	
6/18/2001	10:56:00	6.08	4.50	0.02	
6/18/2001	15:02:00	6.25	4.47	-0.01	
6/18/2001	17:07:00	6.34	4.47	-0.01	
6/18/2001	19:34:00	6.44	4.47	-0.01	
6/19/2001	8:44:00	6.99	4.47	-0.01	
6/19/2001	12:06:00	7.13	4.47	-0.01	
6/19/2001	14:25:00	7.23	4.47	-0.01	
6/19/2001	19:03:00	7.42	4.49	0.01	
6/20/2001	11:06:00	8.09	4.48	0.00	9:00 increase to 700 gpm
6/20/2001	13:35:00	8.19	4.47	-0.01	
6/20/2001	15:26:00	8.27	4.47	-0.01	
6/20/2001	19:17:00	8.43	4.47	-0.01	
6/21/2001	11:59:00	9.12	4.48	0.00	9:00 recovery begins
6/21/2001	14:32:00	9.23	4.46	-0.02	
6/21/2001	18:55:00	9.41	4.48	0.00	
6/22/2001	14:15:00	10.22	4.48	0.00	
6/22/2001	16:32:00	10.31	4.48	0.00	
6/22/2001	10:59:00	10.08	4.48	0.00	
6/23/2001	9:56:00	11.04	4.47	-0.01	
6/23/2001	12:45:00	11.16	4.47	-0.01	
6/23/2001	15:10:00	11.26	4.47	-0.01	
6/24/2001	11:44:00	12.11	4.48	0.00	
6/24/2001	14:10:00	12.22	4.48	0.00	
6/24/2001	16:41:00	12.32	4.48	0.00	
6/25/2001	10:35:00	13.07	4.45	-0.03	
6/25/2001	13:39:00	13.19	4.44	-0.04	
6/25/2001	17:46:00	13.37	4.44	-0.04	
6/26/2001	13:04:00	14.17	4.45	-0.03	
6/26/2001	16:36:00	14.32	4.47	-0.01	

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**Well No: Vent 1**

**Page 2 of 2**

<b>Date</b>	<b>Time</b>	<b>D Time</b>	<b>DTW</b>	<b>Ds</b>	<b>Remarks</b>
6/26/2001	21:06:00	14.50	4.47	-0.01	
6/27/2001	9:43:00	15.03	4.48	0.00	
6/27/2001	15:49:00	15.28	4.47	-0.01	
6/28/2001	13:14:00	16.18	4.48	0.00	
6/28/2001	17:13:00	16.34	4.48	0.00	
6/29/2001	12:23:00	17.14	4.49	0.01	

**GSWA - Spring Hill Seven Day Pumping Test**

**4065-005-AT1**

Well No.: Seep 1  
 Pumping Well: PW-101  
 Start Date: 6/12/2001 Start time: 9:00  
 Initial Depth to Water: 2.44  
 Pumping Rate: 400 gpm

Page 1 of 2  
 Test No. : 7-Day Test

Date	Time	D Time (days)	DTW	Ds	Remarks
6/12/2001	10:00:00	0.04	2.45	0.00	
6/12/2001	15:04:00	0.25	2.44	0.00	
6/12/2001	13:03:00	0.17	2.44	0.00	
6/12/2001	15:28:00	0.27	2.44	0.00	
6/12/2001	17:29:00	0.35	2.44	0.00	
6/13/2001	9:36:00	1.03	2.45	0.01	
6/13/2001	15:04:00	1.25	2.45	0.01	
6/13/2001	17:39:00	1.36	2.45	0.01	
6/14/2001	10:43:00	2.07	2.45	0.01	
6/14/2001	13:45:00	2.20	2.46	0.02	
6/14/2001	16:45:00	2.32	2.45	0.01	
6/14/2001	19:10:00	2.42	2.46	0.02	
6/15/2001	9:36:00	3.03	2.47	0.03	
6/15/2001	14:35:00	3.23	2.46	0.02	
6/15/2001	16:55:00	3.33	2.46	0.02	
6/16/2001	10:10:00	4.05	2.45	0.01	
6/16/2001	14:08:00	4.21	2.46	0.02	
6/16/2001	16:18:00	4.30	2.44	0.00	
6/17/2001	9:34:00	5.02	2.47	0.03	
6/17/2001	13:10:00	5.17	2.47	0.03	
6/17/2001	15:03:00	5.25	2.48	0.04	
6/17/2001	17:24:00	5.35	2.47	0.03	
6/18/2001	10:34:00	6.07	2.46	0.02	
6/18/2001	13:55:00	6.20	2.46	0.02	
6/18/2001	16:43:00	6.32	2.44	0.00	
6/18/2001	18:43:00	6.40	2.45	0.01	
6/19/2001	8:29:00	6.98	2.46	0.02	
6/19/2001	11:46:00	7.12	2.47	0.03	
6/19/2001	14:10:00	7.22	2.48	0.04	
6/19/2001	18:51:00	7.41	2.47	0.03	
6/20/2001	8:07:00	7.96	2.44	0.00	
6/20/2001	9:26:00	8.02	2.46	0.02	9:00 increase to 700 gpm
6/20/2001	9:57:00	8.04	2.47	0.03	
6/20/2001	10:27:00	8.06	2.47	0.03	
6/20/2001	11:10:00	8.09	2.47	0.03	
6/20/2001	11:47:00	8.12	2.48	0.04	
6/20/2001	13:07:00	8.17	2.48	0.04	
6/20/2001	14:28:00	8.23	2.48	0.04	
6/20/2001	15:07:00	8.25	2.48	0.04	
6/20/2001	16:35:00	8.32	2.48	0.04	
6/20/2001	18:48:00	8.41	2.47	0.03	
6/21/2001	7:57:00	8.96	2.47	0.03	
6/21/2001	9:26:00	9.02	2.48	0.04	9:00 recovery begins
6/21/2001	9:59:00	9.04	2.48	0.04	
6/21/2001	10:33:00	9.06	2.47	0.03	
6/21/2001	11:26:00	9.10	2.47	0.03	
7/18/2001	12:00:00	36.13	2.47	0.03	

Date	Time	D Time	DTW	Ds	Remarks
6/21/2001	14:02:00	9.21	2.44	0.00	
6/21/2001	16:46:00	9.32	2.47	0.03	
6/21/2001	18:26:00	9.39	2.47	0.03	
6/22/2001	10:34:00	10.07	2.47	0.03	
6/22/2001	13:54:00	10.20	2.48	0.04	
6/22/2001	16:14:00	10.30	2.47	0.03	
6/23/2001	9:33:00	11.02	2.47	0.03	
6/23/2001	12:19:00	11.14	2.48	0.04	
6/23/2001	14:53:00	11.25	2.47	0.03	
6/24/2001	11:21:00	12.10	2.48	0.04	
6/24/2001	13:54:00	12.20	2.48	0.04	
6/24/2001	16:26:00	12.31	2.47	0.03	
6/25/2001	10:04:00	13.04	2.47	0.03	
6/25/2001	13:19:00	13.18	2.48	0.04	
6/25/2001	17:03:00	13.34	2.46	0.02	
6/26/2001	12:39:00	14.15	2.47	0.03	
6/26/2001	16:20:00	14.31	2.47	0.03	
6/26/2001	19:28:00	14.44	2.46	0.02	
6/27/2001	11:20:00	15.10	2.46	0.02	
6/27/2001	14:55:00	15.25	2.47	0.03	
6/27/2001	18:14:00	15.38	2.47	0.03	
6/28/2001	10:34:00	16.07	2.46	0.02	
6/28/2001	16:22:00	16.31	2.46	0.02	
6/29/2001	10:52:00	17.08	2.47	0.03	

**GSWA - Spring Hill Seven Day Pumping Test**

**4065-005-AT1**

Well No.: Seep 2  
 Pumping Well: PW-101  
 Start Date: 6/12/2001 Start time: 9:00  
 Initial Depth to Water: 4.39  
 Pumping Rate: 400 gpm

Page 1 of 2  
 Test No. : 7-Day Test

Date	Time	D Time (days)	DTW	Ds	Remarks
6/12/2001	9:00:00	0.00	4.39	0.00	
6/12/2001	10:05:00	0.05	4.34	-0.05	
6/12/2001	11:12:00	0.09	4.37	-0.02	
6/12/2001	12:59:00	0.17	4.37	-0.02	
6/12/2001	15:25:00	0.27	4.37	-0.02	
6/12/2001	17:26:00	0.35	4.38	-0.01	
6/13/2001	9:31:00	1.02	4.38	-0.01	
6/13/2001	14:59:00	1.25	4.37	-0.02	
6/13/2001	17:36:00	1.36	4.39	0.00	
6/14/2001	10:41:00	2.07	4.38	-0.01	
6/14/2001	13:45:00	2.20	4.38	-0.01	
6/14/2001	16:43:00	2.32	4.39	0.00	
6/14/2001	19:08:00	2.42	4.39	0.00	
6/15/2001	9:32:00	3.02	4.41	0.02	
6/15/2001	14:32:00	3.23	4.38	-0.01	
6/15/2001	16:51:00	3.33	4.38	-0.01	
6/16/2001	10:08:00	4.05	4.34	-0.05	
6/16/2001	14:05:00	4.21	4.37	-0.02	
6/16/2001	16:15:00	4.30	4.36	-0.03	
6/17/2001	9:31:00	5.02	4.38	-0.01	
6/17/2001	13:08:00	5.17	4.36	-0.03	
6/17/2001	15:01:00	5.25	4.36	-0.03	
6/17/2001	17:20:00	5.35	4.35	-0.04	
6/18/2001	10:31:00	6.06	4.36	-0.03	
6/18/2001	13:52:00	6.20	4.36	-0.03	
6/18/2001	16:41:00	6.32	4.34	-0.05	
6/18/2001	18:40:00	6.40	4.34	-0.05	
6/19/2001	8:27:00	6.98	4.37	-0.02	
6/19/2001	11:44:00	7.11	4.37	-0.02	
6/19/2001	14:08:00	7.21	4.37	-0.02	
6/19/2001	18:46:00	7.41	4.36	-0.03	
6/20/2001	8:05:00	7.96	4.33	-0.06	
6/20/2001	9:24:00	8.02	4.35	-0.04	9:00 increase to 700 gpm
6/20/2001	9:54:00	8.04	4.35	-0.04	
6/20/2001	10:25:00	8.06	4.36	-0.03	
6/20/2001	11:06:00	8.09	4.38	-0.01	
6/20/2001	11:45:00	8.11	4.36	-0.03	
6/20/2001	13:05:00	8.17	4.36	-0.03	
6/20/2001	14:24:00	8.23	4.35	-0.04	
6/20/2001	15:04:00	8.25	4.36	-0.03	
6/20/2001	16:33:00	8.31	4.33	-0.06	
6/20/2001	18:46:00	8.41	4.35	-0.04	
6/21/2001	7:54:00	8.95	4.36	-0.03	

Date	Time	D Time	DTW	Ds	Remarks
6/21/2001	9:23:00	9.02	4.36	-0.03	9:00 recovery begins
6/21/2001	9:57:00	9.04	4.37	-0.02	
6/21/2001	10:30:00	9.06	4.37	-0.02	
6/21/2001	11:24:00	9.10	4.38	-0.01	
6/21/2001	13:58:00	9.21	4.37	-0.02	
6/21/2001	16:43:00	9.32	4.31	-0.08	
6/21/2001	18:23:00	9.39	4.35	-0.04	
6/22/2001	10:31:00	10.06	4.35	-0.04	
6/22/2001	13:51:00	10.20	4.36	-0.03	
6/22/2001	16:11:00	10.30	4.36	-0.03	
6/23/2001	9:30:00	11.02	4.35	-0.04	
6/23/2001	12:15:00	11.14	4.33	-0.06	
6/23/2001	14:51:00	11.24	4.35	-0.04	
6/24/2001	11:19:00	12.10	4.33	-0.06	
6/24/2001	13:51:00	12.20	4.36	-0.03	
6/24/2001	16:24:00	12.31	4.32	-0.07	
6/25/2001	10:02:00	13.04	4.30	-0.09	
6/25/2001	13:12:00	13.18	4.34	-0.05	
6/25/2001	17:00:00	13.33	4.37	-0.02	
6/26/2001	12:36:00	14.15	4.35	-0.04	
6/26/2001	16:17:00	14.30	4.34	-0.05	
6/26/2001	19:36:00	14.44	4.35	-0.04	
6/27/2001	11:16:00	15.09	4.35	-0.04	
6/27/2001	14:53:00	15.25	4.36	-0.03	
6/27/2001	18:12:00	15.38	4.35	-0.04	
6/28/2001	10:30:00	16.06	4.34	-0.05	
6/28/2001	16:24:00	16.31	4.34	-0.05	
6/29/2001	10:47:00	17.07	4.33	-0.06	



**GSWA - Spring Hill Seven Day Pumping Test**

**4065-005-AT1**

Well No.: Seep 3  
 Pumping Well: PW-101  
 Start Date: 6/12/2001 Start time: 9:00  
 Initial Depth to Water: 4.77  
 Pumping Rate: 400 gpm

Page 1 of 2  
 Test No. : 7-Day Test

Date	Time	D Time (days)	DTW	Ds	Remarks
6/12/2001	10:06:00	0.05	4.79	0.02	
6/12/2001	11:10:00	0.09	4.76	-0.01	
6/12/2001	12:58:00	0.17	4.78	0.01	
6/12/2001	15:23:00	0.27	4.78	0.01	
6/12/2001	17:25:00	0.35	4.78	0.01	
6/13/2001	9:30:00	1.02	4.79	0.02	
6/13/2001	14:58:00	1.25	4.80	0.03	
6/13/2001	17:35:00	1.36	4.80	0.03	
6/14/2001	10:40:00	2.07	4.80	0.03	
6/14/2001	13:44:00	2.20	4.81	0.04	
6/14/2001	16:42:00	2.32	4.81	0.04	
6/14/2001	19:06:00	2.42	4.82	0.05	
6/15/2001	9:31:00	3.02	4.80	0.03	
6/15/2001	14:31:00	3.23	4.78	0.01	
6/15/2001	16:47:00	3.32	4.77	0.00	
6/16/2001	10:07:00	4.05	4.80	0.03	
6/16/2001	14:03:00	4.21	4.80	0.03	
6/16/2001	16:14:00	4.30	4.80	0.03	
6/17/2001	9:29:00	5.02	4.80	0.03	
6/17/2001	13:06:00	5.17	4.81	0.04	
6/17/2001	14:59:00	5.25	4.82	0.05	
6/17/2001	17:18:00	5.35	4.83	0.06	
6/18/2001	10:30:00	6.06	4.79	0.02	
6/18/2001	13:52:00	6.20	4.81	0.04	
6/18/2001	16:40:00	6.32	4.80	0.03	
6/18/2001	18:39:00	6.40	4.80	0.03	
6/19/2001	8:26:00	6.98	4.82	0.05	
6/19/2001	11:43:00	7.11	4.82	0.05	
6/19/2001	14:07:00	7.21	4.83	0.06	
6/19/2001	18:45:00	7.41	4.83	0.06	
6/20/2001	8:05:00	7.96	4.81	0.04	
6/20/2001	9:23:00	8.02	4.82	0.05	9:00 increase to 700 gpm
6/20/2001	9:54:00	8.04	4.82	0.05	
6/20/2001	10:25:00	8.06	4.82	0.05	
6/20/2001	11:05:00	8.09	4.83	0.06	
6/20/2001	11:44:00	8.11	4.83	0.06	
6/20/2001	13:04:00	8.17	4.83	0.06	
6/20/2001	14:23:00	8.22	4.83	0.06	
6/20/2001	15:02:00	8.25	4.83	0.06	
6/20/2001	16:32:00	8.31	4.84	0.07	
6/20/2001	18:45:00	8.41	4.83	0.06	
6/21/2001	7:54:00	8.95	4.82	0.05	

Date	Time	D Time	DTW	Ds	Remarks
6/21/2001	9:22:00	12982	4.83	0.06	9:00 recovery begins
6/21/2001	9:56:00	13016	4.83	0.06	
6/21/2001	10:28:00	13048	4.82	0.06	
6/21/2001	11:22:00	13102	4.82	0.05	
6/21/2001	13:57:00	13257	4.74	0.05	
6/21/2001	16:42:00	13422	4.79	-0.03	
6/21/2001	18:27:00	13527	4.80	0.02	
6/22/2001	10:30:00	14490	4.80	0.03	
6/22/2001	13:49:00	14689	4.82	0.05	
6/22/2001	16:10:00	14830	4.81	0.04	
6/23/2001	9:29:00	15869	4.81	0.04	
6/23/2001	12:13:00	16033	4.82	0.05	
6/23/2001	14:50:00	16190	4.82	0.05	
6/24/2001	11:17:00	17417	4.83	0.06	
6/24/2001	13:50:00	17570	4.83	0.06	
6/24/2001	16:23:00	17723	4.83	0.06	
6/25/2001	10:01:00	18781	4.82	0.05	
6/25/2001	13:11:00	18971	4.84	0.07	
6/25/2001	16:58:00	19198	4.84	0.07	
6/26/2001	12:35:00	20375	4.84	0.07	
6/26/2001	16:12:00	20592	4.85	0.08	
6/26/2001	20:00:00	20820	4.84	0.07	
6/27/2001	11:15:00	21735	4.85	0.08	
6/27/2001	14:51:00	21951	4.85	0.08	
6/27/2001	18:11:00	22151	4.85	0.08	
6/28/2001	10:29:00	23129	4.83	0.06	
6/28/2001	16:25:00	23485	4.85	0.08	
6/29/2001	10:44:00	24584	4.85	0.08	

**GSWA - Spring Hill Seven Day Pumping Test**

**4065-005-AT1**

Well No.: Seep 4  
 Pumping Well: PW-101  
 Start Date: 6/12/2001 Start time: 9:00  
 Initial Depth to Water: 4.89  
 Pumping Rate: 400 gpm

Page 1 of 2  
 Test No. : 7-Day Test

Date	Time	D Time (days)	DTW	Ds	Remarks
6/12/2001	9:07:12	0.00	4.90	0.01	
6/12/2001	11:13:00	0.09	4.88	-0.01	
6/12/2001	13:00:00	0.17	4.90	0.01	
6/12/2001	15:27:00	0.27	4.89	0.00	
6/12/2001	17:27:00	0.35	4.90	0.01	
6/13/2001	9:32:00	1.02	4.88	-0.01	
6/13/2001	15:00:00	1.25	4.88	-0.01	
6/13/2001	17:37:00	1.36	4.90	0.01	
6/14/2001	10:42:00	2.07	4.89	0.00	
6/14/2001	13:46:00	2.20	4.89	0.00	
6/14/2001	16:44:00	2.32	4.88	-0.01	
6/14/2001	19:09:00	2.42	4.90	0.01	
6/15/2001	9:34:00	3.02	4.88	-0.01	
6/15/2001	14:34:00	3.23	4.86	-0.03	
6/15/2001	16:53:00	3.33	4.87	-0.02	
6/16/2001	10:09:00	4.05	4.88	-0.01	
6/16/2001	14:06:00	4.21	4.89	0.00	
6/16/2001	16:16:00	4.30	4.87	-0.02	
6/17/2001	9:32:00	5.02	4.85	-0.04	
6/17/2001	13:09:00	5.17	4.86	-0.03	
6/17/2001	15:01:00	5.25	4.87	-0.02	
6/17/2001	17:22:00	5.35	4.87	-0.02	
6/18/2001	10:33:00	6.06	4.86	-0.03	
6/18/2001	13:53:00	6.20	4.84	-0.05	
6/18/2001	16:42:00	6.32	4.85	-0.04	
6/18/2001	18:42:00	6.40	4.84	-0.05	
6/19/2001	8:28:00	6.98	4.86	-0.03	
6/19/2001	11:45:00	7.11	4.85	-0.04	
6/19/2001	14:09:00	7.21	4.88	-0.01	
6/19/2001	18:47:00	7.41	4.85	-0.04	
6/20/2001	8:07:00	7.96	4.82	-0.07	
6/20/2001	9:25:00	8.02	4.83	-0.06	9:00 increase to 700 gpm
6/20/2001	9:56:00	8.04	4.84	-0.05	
6/20/2001	10:26:00	8.06	4.84	-0.05	
6/20/2001	11:08:00	8.09	4.85	-0.04	
6/20/2001	11:46:00	8.12	4.84	-0.05	
6/20/2001	13:06:00	8.17	4.85	-0.04	
6/20/2001	14:27:00	8.23	4.85	-0.04	
6/20/2001	15:06:00	8.25	4.85	-0.04	
6/20/2001	16:34:00	8.32	4.84	-0.05	
6/20/2001	18:48:00	8.41	4.84	-0.05	
6/21/2001	7:56:00	8.96	4.83	-0.06	

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Well No: Seep 4

Page 2 of 2

Date	Time	D Time	DTW	Ds	Remarks
6/21/2001	7:56:00	12896	4.83	-0.06	
6/21/2001	9:25:00	12985	4.84	-0.05	9:00 recovery begins
6/21/2001	9:58:00	13018	4.85	-0.04	
6/21/2001	10:31:00	13051	4.83	-0.06	
6/21/2001	11:25:00	13105	4.83	-0.06	
6/21/2001	14:00:00	13260	4.79	-0.10	
6/21/2001	16:44:00	13424	4.84	-0.05	
6/21/2001	18:24:00	13524	4.86	-0.03	
6/22/2001	10:33:00	14493	4.89	0.00	
6/22/2001	13:53:00	14693	4.84	-0.05	
6/22/2001	16:13:00	14833	4.82	-0.07	
6/23/2001	9:32:00	15872	4.82	-0.07	
6/23/2001	12:17:00	16037	4.83	-0.06	
6/23/2001	14:52:00	16192	4.84	-0.05	
6/24/2001	11:20:00	17420	4.85	-0.04	
6/24/2001	13:52:00	17572	4.85	-0.04	
6/24/2001	16:25:00	17725	4.84	-0.05	
6/25/2001	10:03:00	18783	4.82	-0.07	
6/25/2001	13:14:00	18974	4.84	-0.05	
6/25/2001	17:01:00	19201	4.84	-0.05	
6/26/2001	12:38:00	20378	4.86	-0.03	
6/26/2001	16:18:00	20598	4.86	-0.03	
6/26/2001	19:30:00	20790	4.85	-0.04	
6/27/2001	11:19:00	21739	4.85	-0.04	
6/27/2001	14:54:00	21954	4.85	-0.04	
6/27/2001	18:13:00	22153	4.84	-0.05	
6/28/2001	10:32:00	23132	4.82	-0.07	
6/28/2001	16:23:00	23483	4.84	-0.05	
6/29/2001	10:50:00	24590	4.84	-0.05	

**GSWA - Spring Hill Seven Day Pumping Test**

**4065-005-AT1**

Well No.: Seep 5  
 Pumping Well: PW-101  
 Start Date: 6/12/2001  
 Initial Depth to Water: 5.45  
 Pumping Rate: 400 gpm

Start time: 9:00

Page 1 of 2  
 Test No. : 7-Day Test

Date	Time	D Time (days)	DTW	Ds	Remarks
6/12/2001	12:13:00	0.13	5.45	0.00	
6/12/2001	17:50:00	0.37	5.48	0.03	
6/13/2001	10:36:00	1.07	5.48	0.03	
6/13/2001	15:37:00	1.28	5.45	0.00	ECT edited number from 4.55 to 5.
6/13/2001	16:19:00	1.30	5.51	0.06	
6/13/2001	18:49:00	1.41	5.50	0.05	
6/14/2001	11:25:00	2.10	5.50	0.05	
6/14/2001	14:40:00	2.24	5.51	0.06	
6/14/2001	17:23:00	2.35	5.51	0.06	
6/15/2001	10:39:00	3.07	5.51	0.06	
6/15/2001	15:56:00	3.29	5.45	0.00	
6/15/2001	17:38:00	3.36	5.45	0.00	
6/16/2001	10:48:00	4.08	5.50	0.05	
6/16/2001	14:34:00	4.23	5.51	0.06	
6/16/2001	16:51:00	4.33	5.51	0.06	
6/17/2001	10:24:00	5.06	5.50	0.05	
6/17/2001	18:23:00	5.39	5.53	0.08	
6/17/2001	19:50:00	5.45	5.50	0.05	
6/18/2001	11:45:00	6.11	5.51	0.06	
6/18/2001	15:20:00	6.26	5.51	0.06	
6/18/2001	17:31:00	6.35	5.50	0.05	
6/19/2001	9:02:00	7.00	5.50	0.05	
6/19/2001	12:49:00	7.16	5.51	0.06	
6/19/2001	14:41:00	7.24	5.53	0.08	
6/19/2001	19:22:00	7.43	5.53	0.08	
6/20/2001	11:26:00	8.10	5.52	0.07	9:00 increase to 700 gpm
6/20/2001	14:33:00	8.23	5.54	0.09	
6/20/2001	18:31:00	8.40	5.54	0.09	
6/21/2001	7:44:00	8.95	5.53	0.08	
6/21/2001	10:38:00	9.07	5.51	0.06	9:00 recovery begins
6/21/2001	13:56:00	9.21	5.46	0.01	
6/22/2001	11:20:00	10.10	5.48	0.03	
6/22/2001	16:51:00	10.33	5.49	0.04	
6/23/2001	10:16:00	11.05	5.46	0.01	
6/23/2001	13:04:00	11.17	5.49	0.04	
6/23/2001	15:35:00	11.27	5.47	0.02	
6/24/2001	12:12:00	12.13	5.49	0.04	
6/24/2001	14:22:00	12.22	5.49	0.04	
6/24/2001	13:02:00	12.17	5.50	0.05	
6/25/2001	10:54:00	13.08	5.48	0.03	
6/25/2001	13:57:00	13.21	5.49	0.04	

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Well No:            Seep 5

Page 2 of 2

Date	Time	D Time	DTW	Ds	Remarks
6/25/2001	18:11:00	13.38	5.50	0.05	
6/26/2001	13:45:00	14.20	5.50	0.05	
6/26/2001	17:46:00	14.37	5.52	0.07	
6/26/2001	20:20:00	14.47	5.52	0.07	
6/27/2001	8:50:00	14.99	5.49	0.04	
6/27/2001	11:34:00	15.11	5.50	0.05	
6/27/2001	15:05:00	15.25	5.51	0.06	
6/28/2001	12:30:00	16.15	5.51	0.06	
6/28/2001	17:58:00	16.37	5.53	0.08	

**GSWA - Spring Hill Seven Day Pumping Test**

**4065-005-AT1**

Well No.: Seep 6  
 Pumping Well: PW-101  
 Start Date: 6/12/2001 Start time: 9:00  
 Initial Depth to Water: 1.18  
 Pumping Rate: 400 gpm

Page 1 of 1  
 Test No. : 7-Day Test

Date	Time	D Time (days)	DTW	Ds	Remarks
6/12/2001	12:30:00	0.15	1.18	0.00	
6/12/2001	18:24:00	0.39	1.22	0.04	
6/13/2001	16:08:00	1.30	1.28	0.10	
6/14/2001	11:47:00	2.12	1.15	-0.03	
6/14/2001	14:48:00	2.24	1.30	0.12	
6/15/2001	11:04:00	3.09	1.25	0.07	
6/15/2001	18:52:00	3.41	1.12	-0.06	
6/16/2001	11:15:00	4.09	1.19	0.01	
6/16/2001	15:32:00	4.27	1.20	0.02	
6/16/2001	17:30:00	4.35	1.21	0.03	
6/17/2001	11:12:00	5.09	1.20	0.02	
6/17/2001	19:36:00	5.44	1.26	0.08	
6/18/2001	17:46:00	6.37	1.22	0.04	
6/19/2001	13:08:00	7.17	1.26	0.08	
6/20/2001	12:41:00	8.15	1.30	0.12	9:00 increase to 700 gpm
6/20/2001	14:59:00	8.25	1.35	0.17	
6/21/2001	8:13:00	8.97	1.20	0.02	
6/21/2001	11:35:00	9.11	1.20	0.02	9:00 recovery begins
6/21/2001	13:15:00	9.18	1.19	0.01	
6/22/2001	17:17:00	10.35	1.17	-0.01	
6/23/2001	10:35:00	11.07	1.17	-0.01	
6/25/2001	14:47:00	13.24	1.34	0.16	
6/26/2001	15:42:00	14.28	1.26	0.08	
6/26/2001	19:10:00	14.42	1.35	0.17	
6/27/2001	9:18:00	15.01	1.24	0.06	
6/27/2001	16:32:00	15.31	1.38	0.20	
6/28/2001	9:55:00	16.04	1.25	0.07	
6/28/2001	16:04:00	16.29	1.40	0.22	
6/29/2001	10:06:00	17.05	1.27	0.09	

**GSWA - Spring Hill Seven Day Pumping Test**

**4065-005-AT1**

Well No.: DP-1  
 Pumping Well: PW-101  
 Start Date: 6/12/2001  
 Initial Depth to Water: 3.85  
 Pumping Rate: 400 gpm

Start time: 9:00

Page 1 of 2  
 Test No. : 7-Day Test

Date	Time	D Time (days)	DTW	Ds	Remarks
6/12/2001	9:00:00	0	3.85	0	
6/12/2001	11:04:00	0.086	3.84	-0.01	
6/12/2001	12:55:00	0.163	3.85	0.00	
6/12/2001	15:21:00	0.265	3.86	0.01	
6/12/2001	17:19:00	0.347	3.86	0.01	
6/13/2001	9:28:00	1.019	3.86	0.01	
6/13/2001	11:38:00	1.110	3.85	0.00	
6/13/2001	14:57:00	1.248	3.88	0.03	
6/13/2001	17:33:00	1.356	3.88	0.03	
6/14/2001	10:38:00	2.068	3.89	0.04	
6/14/2001	13:42:00	2.196	3.90	0.05	
6/14/2001	16:40:00	2.319	3.91	0.06	
6/14/2001	19:03:00	2.419	3.91	0.06	
6/15/2001	9:28:00	3.019	3.92	0.07	
6/15/2001	9:52:00	3.036	3.92	0.07	
6/15/2001	14:27:00	3.227	3.88	0.03	
6/15/2001	16:44:00	3.322	3.82	-0.03	
6/16/2001	10:05:00	4.045	3.85	0.00	
6/16/2001	10:23:00	4.058	3.92	0.07	
6/16/2001	11:04:00	4.086	3.92	0.07	
6/16/2001	11:42:00	4.113	3.93	0.08	
6/16/2001	13:02:00	4.168	3.93	0.08	
6/16/2001	14:01:00	4.209	3.87	0.02	
6/16/2001	16:12:00	4.300	3.86	0.01	
6/16/2001	19:13:00	4.426	3.87	0.02	
6/17/2001	9:27:00	5.019	3.87	0.02	
6/17/2001	13:04:00	5.169	3.87	0.02	
6/17/2001	14:21:00	5.223	3.93	0.08	
6/17/2001	14:57:00	5.248	3.89	0.04	
6/17/2001	15:00:00	5.250	3.94	0.09	
6/17/2001	17:17:00	5.345	3.89	0.04	
6/18/2001	10:29:00	6.062	3.88	0.03	
6/18/2001	13:50:00	6.201	3.89	0.04	
6/18/2001	16:38:00	6.318	3.88	0.03	
6/18/2001	18:37:00	6.401	3.88	0.03	
6/19/2001	8:23:00	6.974	3.89	0.04	
6/19/2001	11:42:00	7.113	3.89	0.04	
6/19/2001	14:05:00	7.212	3.91	0.06	
6/20/2001	8:04:00	7.961	3.91	0.06	
6/20/2001	9:22:00	8.015	3.92	0.07	9:00 increase to 700 gpm
6/20/2001	16:30:00	8.313	3.94	0.09	
6/21/2001	7:50:00	8.951	4.07	0.22	
6/21/2001	9:19:00	9.013	4.09	0.24	9:00 recovery begins
6/21/2001	9:52:00	9.036	4.08	0.23	
6/21/2001	10:21:00	9.056	4.08	0.23	
6/21/2001	11:18:00	9.096	4.07	0.22	
6/21/2001	13:52:00	9.203	4.02	0.17	
6/21/2001	16:40:00	9.319	3.82	-0.03	
6/21/2001	18:19:00	9.388	3.82	-0.03	
6/22/2001	10:27:00	10.060	3.84	-0.01	
6/22/2001	13:47:00	10.199	3.85	0.00	





**GSWA - Spring Hill Seven Day Pumping Test**

**4065-005-AT1**

Well No.: DP-2  
 Pumping Well: PW-101  
 Start Date: 6/12/2001 Start time: 9:00  
 Initial Depth to Water: 4.44  
 Pumping Rate: 400 gpm

Page 1 of 2  
 Test No. : 7-Day Test

Date	Time	D Time (days)	DTW	Ds	Remarks
6/12/2001	9:00:00	0	4.44	0.00	
6/12/2001	11:02:00	0.08	4.43	-0.01	
6/12/2001	12:54:00	0.16	4.39	-0.05	
6/12/2001	15:20:00	0.26	4.40	-0.04	
6/12/2001	17:18:00	0.35	4.43	-0.01	
6/13/2001	9:27:00	1.02	4.43	-0.01	
6/13/2001	11:36:00	1.11	4.44	0.00	
6/13/2001	14:55:00	1.25	4.40	-0.04	
6/13/2001	17:32:00	1.36	4.45	0.01	
6/14/2001	10:37:00	2.07	4.47	0.03	
6/14/2001	13:45:00	2.20	4.46	0.02	
6/14/2001	16:40:00	2.32	4.39	-0.05	
6/14/2001	19:02:00	2.42	4.46	0.02	
6/15/2001	9:26:00	3.02	4.48	0.04	
6/15/2001	14:25:00	3.23	4.47	0.03	
6/15/2001	16:42:00	3.32	4.46	0.02	
6/16/2001	10:04:00	4.04	4.47	0.03	
6/16/2001	14:00:00	4.21	4.47	0.03	
6/16/2001	16:11:00	4.30	4.46	0.02	
6/16/2001	19:12:00	4.43	4.19	-0.25	
6/17/2001	9:25:00	5.02	4.48	0.04	
6/17/2001	13:03:00	5.17	4.48	0.04	
6/17/2001	14:56:00	5.25	4.48	0.04	
6/17/2001	17:15:00	5.34	4.50	0.06	
6/18/2001	10:28:00	6.06	4.49	0.05	
6/18/2001	13:49:00	6.20	4.52	0.08	
6/18/2001	16:37:00	6.32	4.50	0.06	
6/18/2001	18:36:00	6.40	4.51	0.07	
6/19/2001	8:22:00	6.97	4.53	0.09	
6/19/2001	11:41:00	7.11	4.50	0.06	
6/19/2001	14:04:00	7.21	4.54	0.10	
6/19/2001	18:42:00	7.40	4.46	0.02	
6/20/2001	8:03:00	7.96	4.55	0.11	
6/20/2001	9:21:00	8.01	4.56	0.12	9:00 increase to 700 gpm
6/20/2001	9:51:00	8.04	4.56	0.12	
6/20/2001	10:22:00	8.06	4.56	0.12	
6/20/2001	11:03:00	8.09	4.56	0.12	
6/20/2001	11:40:00	8.11	4.56	0.12	
6/20/2001	13:01:00	8.17	4.55	0.11	
6/20/2001	14:20:00	8.22	4.54	0.10	
6/20/2001	14:59:00	8.25	4.56	0.12	
6/20/2001	16:28:00	8.31	4.55	0.11	
6/20/2001	18:43:00	8.40	4.55	0.11	
6/21/2001	7:51:00	8.95	4.57	0.13	
6/21/2001	9:20:00	9.01	4.59	0.15	9:00 recovery begins
6/21/2001	9:53:00	9.04	4.57	0.13	
6/21/2001	10:23:00	9.06	4.58	0.14	
6/21/2001	11:20:00	9.10	4.57	0.13	
6/21/2001	13:53:00	9.20	4.50	0.06	



**GSWA - Spring Hill Seven Day Pumping Test**

**4065-005-AT1**

Well No.: DP-3  
 Pumping Well: PW-101  
 Start Date: 6/12/2001 Start time: 9:00  
 Initial Depth to Water: 3.85  
 Pumping Rate: 400 gpm

Page 1 of 2  
 Test No. : 7-Day Test

Date	Time	D Time (days)	DTW	Ds	Remarks
6/12/2001	9:00:00	0	3.85	0.00	
6/12/2001	11:01:00	0.08	3.85	0.00	
6/12/2001	12:53:00	0.16	3.86	0.01	
6/12/2001	15:17:00	0.26	3.86	0.01	
6/12/2001	17:17:00	0.35	3.88	0.03	
6/13/2001	9:26:00	1.02	3.89	0.04	DTW was 4.89' but was changed to 3.89' (PO)
6/13/2001	11:35:00	1.11	3.85	0.00	
6/13/2001	14:55:00	1.25	3.91	0.06	
6/13/2001	17:31:00	1.35	3.92	0.07	
6/14/2001	10:35:00	2.07	3.96	0.11	
6/14/2001	13:40:00	2.19	3.95	0.10	
6/14/2001	15:00:00	2.25	3.97	0.12	
6/14/2001	16:39:00	2.32	3.96	0.11	
6/15/2001	9:24:00	3.02	3.97	0.12	
6/15/2001	14:13:00	3.22	3.93	0.08	
6/15/2001	16:40:00	3.32	3.86	0.01	
6/16/2001	10:04:00	4.04	3.89	0.04	
6/16/2001	13:59:00	4.21	3.90	0.05	
6/16/2001	16:10:00	4.30	3.92	0.07	
6/16/2001	19:11:00	4.42	3.92	0.07	
6/17/2001	9:24:00	5.02	3.94	0.09	
6/17/2001	13:02:00	5.17	3.94	0.09	
6/17/2001	14:55:00	5.25	3.94	0.09	
6/17/2001	17:14:00	5.34	3.96	0.11	
6/18/2001	10:27:00	6.06	3.95	0.10	
6/18/2001	13:52:00	6.20	3.95	0.10	
6/18/2001	16:36:00	6.32	3.94	0.09	
6/18/2001	18:35:00	6.40	3.96	0.11	
6/19/2001	8:21:00	6.97	3.97	0.12	
6/19/2001	11:40:00	7.11	3.99	0.14	
6/19/2001	14:05:00	7.21	4.01	0.16	
6/19/2001	18:42:00	7.40	4.04	0.19	
6/20/2001	8:02:00	7.96	4.04	0.19	
6/20/2001	9:20:00	8.01	4.03	0.18	9:00 increase to 700 gpm
6/20/2001	9:50:00	8.03	4.03	0.18	
6/20/2001	10:21:00	8.06	4.04	0.19	
6/20/2001	11:03:00	8.09	4.04	0.19	
6/20/2001	11:40:00	8.11	4.04	0.19	
6/20/2001	13:00:00	8.17	4.05	0.20	
6/20/2001	14:19:00	8.22	4.05	0.20	
6/20/2001	14:58:00	8.25	4.05	0.20	
6/20/2001	16:27:00	8.31	4.07	0.22	
6/20/2001	18:34:00	8.40	4.07	0.22	
6/21/2001	7:52:00	8.95	3.94	0.09	
6/21/2001	9:21:00	9.01	3.95	0.10	9:00 recovery begins
6/21/2001	9:54:00	9.04	3.94	0.09	
6/21/2001	10:26:00	9.06	3.94	0.09	
6/21/2001	11:21:00	9.10	3.94	0.09	
6/21/2001	13:54:00	9.20	3.77	-0.08	













**GSWA - Spring Hill Seven Day Pumping Test**

**4065-005-AT1**

Well No.: SW-1 DP Page 1 of 1  
 Pumping Well: PW-101 Test No. : 7-Day Test  
 Start Date: 6/12/2001 Start time: 9:00  
 Initial Depth to Water: 2.63  
 Pumping Rate: 400 gpm

Date	Time	D Time (days)	DTW	Ds	Remarks
6/12/2001	11:30:00	0.10	2.62	-0.01	
6/12/2001	13:21:00	0.18	2.62	-0.01	
6/13/2001	8:00:00	0.96	2.59	-0.04	
6/13/2001	11:15:00	1.09	2.60	-0.03	
6/14/2001	7:50:00	1.95	2.63	0.00	
6/15/2001	9:30:00	3.02	2.64	0.01	
6/16/2001	9:20:00	4.01	2.57	-0.06	
6/16/2001	17:20:00	4.35	2.60	-0.03	
6/17/2001	11:37:00	5.11	2.60	-0.03	
6/17/2001	18:59:00	5.42	2.64	0.01	
6/18/2001	17:30:00	6.35	2.64	0.01	
6/19/2001	10:45:00	7.07	2.64	0.01	
6/20/2001	12:15:00	8.14	2.66	0.03	9:00 increase to 700 gpm
6/21/2001	13:08:00	9.17	2.64	0.01	9:00 recovery begins
6/22/2001	9:58:00	10.04	2.58	-0.05	

**GSWA - Spring Hill Seven Day Pumping Test**

**4065-005-AT1**

Well No.: SW-2 DP  
 Pumping Well: PW-101  
 Start Date: 6/12/2001 Start time: 9:00  
 Initial Depth to Water: 4.03  
 Pumping Rate: 400 gpm

Page 1 of 1  
 Test No. : 7-Day Test

Date	Time	D Time (days)	DTW	Ds	Remarks
6/12/2001	12:20:00	0.14	4.04	0.01	
6/12/2001	14:36:00	0.23	4.04	0.01	
6/13/2001	9:09:00	1.01	4.03	0.00	
6/13/2001	11:50:00	1.12	4.03	0.00	
6/14/2001	11:48:00	2.12	4.03	0.00	
6/15/2001	14:30:00	3.23	3.97	-0.06	
6/16/2001	14:40:00	4.24	4.03	0.00	
6/17/2001	12:07:00	5.13	4.04	0.01	
6/18/2001	13:00:00	6.17	4.05	0.02	
6/18/2001	19:40:00	6.44	4.03	0.00	
6/19/2001	11:15:00	7.09	4.06	0.03	
6/20/2001	12:52:00	8.16	4.08	0.05	9:00 increase to 700 gpm
6/21/2001	13:55:00	9.20	3.86	-0.17	9:00 recovery begins
6/22/2001	10:26:00	10.06	4.02	-0.01	

**GSWA - Spring Hill Seven Day Pumping Test**

**4065-005-AT1**

Well No.: SW-3 DP  
 Pumping Well: PW-101  
 Start Date: 6/12/2001 Start time: 9:00  
 Initial Depth to Water: 2.42  
 Pumping Rate: 400 gpm

Page 1 of 1  
 Test No. : 7-Day Test

Date	Time	D Time (days)	DTW	Ds	Remarks
6/12/2001	13:00:00	0.17	2.42	0.00	
6/12/2001	15:45:00	0.28	2.39	-0.03	
6/13/2001	9:50:00	1.03	2.38	-0.04	
6/13/2001	17:15:00	1.34	2.40	-0.02	
6/14/2001	14:42:00	2.24	2.41	-0.01	
6/15/2001	15:25:00	3.27	2.28	-0.14	
6/16/2001	10:25:00	4.06	2.31	-0.11	
6/16/2001	17:50:00	4.37	2.35	-0.07	
6/17/2001	13:56:00	5.21	1.99	-0.43	
6/18/2001	13:50:00	6.20	1.87	-0.55	
6/19/2001	12:00:00	7.13	1.84	-0.58	
6/20/2001	13:24:00	8.18	1.85	-0.57	9:00 increase to 700 gpm
6/21/2001	14:55:00	9.25	1.63	-0.79	9:00 recovery begins
6/22/2001	11:03:00	10.09	1.73	-0.69	

**GSWA - Spring Hill Seven Day Pumping Test**

**4065-005-AT1**

Well No.: SW-4 DP  
 Pumping Well: PW-101  
 Start Date: 6/12/2001  
 Initial Depth to Water: 1.39  
 Pumping Rate: 400 gpm

Page 1 of 1  
 Test No. : 7-Day Test

Start time: 9:00

Date	Time	D Time (days)	DTW	Ds	Remarks
6/12/2001	15:30:00	0.27	1.36	-0.03	
6/12/2001	18:57:00	0.41	1.35	-0.04	
6/13/2001	12:20:00	1.14	1.35	-0.04	
6/13/2001	14:45:00	1.24	1.38	-0.01	
6/14/2001	14:10:00	2.22	1.40	0.01	
6/15/2001	12:00:00	3.13	1.38	-0.01	
6/16/2001	12:30:00	4.15	1.36	-0.03	
6/17/2001	15:45:00	5.28	1.44	0.05	
6/18/2001	15:55:00	6.29	1.40	0.01	
6/19/2001	13:55:00	7.20	1.39	0.00	
6/20/2001	15:14:00	8.26	1.39	0.00	9:00 increase to 700 gpm
6/21/2001	16:52:00	9.33	0.96	-0.43	9:00 recovery begins
6/22/2001	12:45:00	10.16	1.32	-0.07	

**GSWA - Spring Hill Seven Day Pumping Test**

**4065-005-AT1**

Well No.: SW-5 DP  
 Pumping Well: PW-101  
 Start Date: 6/12/2001 Start time: 9:00  
 Initial Depth to Water: 0.9  
 Pumping Rate: 400 gpm

Page 1 of 1  
 Test No. : 7-Day Test

Date	Time	D Time (days)	DTW	Ds	Remarks
6/12/2001	13:28:00	0.19	0.89	0.00	
6/12/2001	17:00:00	0.33	0.89	-0.01	
6/13/2001	10:20:00	1.06	0.89	-0.01	
6/13/2001	12:45:00	1.16	0.90	0.00	
6/14/2001	10:10:00	2.05	0.91	0.01	
6/15/2001	10:30:00	3.06	0.91	0.01	
6/16/2001	10:55:00	4.08	0.86	-0.04	
6/17/2001	14:32:00	5.23	0.88	-0.02	
6/18/2001	14:30:00	6.23	0.89	-0.01	
6/19/2001	12:30:00	7.15	0.89	-0.01	
6/20/2001	13:52:00	8.20	0.89	-0.01	9:00 increase to 700 gpm
6/21/2001	15:39:00	9.28	0.81	-0.09	9:00 recovery begins
6/22/2001	11:33:00	10.11	0.83	-0.07	

**GSWA - Spring Hill Seven Day Pumping Test**

**4065-005-AT1**

Well No.: SW-6 DP  
 Pumping Well: PW-101  
 Start Date: 6/12/2001  
 Initial Depth to Water: 0.83  
 Pumping Rate: 400 gpm

Page 1 of 1  
 Test No. : 7-Day Test

Start time: 9:00

Date	Time	D Time (days)	DTW	Ds	Remarks
6/12/2001	14:20:00	0.22	0.81	-0.02	
6/12/2001	17:40:00	0.36	0.81	-0.02	
6/13/2001	11:05:00	1.09	0.81	-0.02	
6/13/2001	13:30:00	1.19	0.82	-0.01	
6/14/2001	11:40:00	2.11	0.84	0.01	
6/15/2001	13:30:00	3.19	0.81	-0.02	
6/16/2001	11:30:00	4.10	0.79	-0.04	
6/17/2001	15:02:00	5.25	0.81	-0.02	
6/18/2001	15:02:00	6.25	0.82	-0.01	
6/19/2001	13:08:00	7.17	0.81	-0.02	
6/20/2001	14:32:00	8.23	0.82	-0.01	9:00 increase to 700 gpm
6/21/2001	16:09:00	9.30	0.69	-0.14	9:00 recovery begins
6/22/2001	12:06:00	10.13	0.79	-0.04	

**GSWA - Spring Hill Seven Day Pumping Test**

**4065-005-AT1**

Well No.: SW-7 DP  
 Pumping Well: PW-101  
 Start Date: 6/12/2001  
 Initial Depth to Water: 2.85  
 Pumping Rate: 400 gpm

Page 1 of 1  
 Test No. : 7-Day Test

Start time: 9:00

Date	Time	D Time (days)	DTW	Ds	Remarks
6/12/2001	14:45:00	0.24	2.85	0.00	
6/12/2001	18:13:00	0.38	2.83	-0.02	
6/13/2001	11:45:00	1.11	2.80	-0.05	
6/13/2001	14:05:00	1.21	2.77	-0.08	
6/14/2001	12:55:00	2.16	2.91	0.06	
6/15/2001	11:30:00	3.10	2.89	0.04	
6/16/2001	12:00:00	4.13	2.88	0.03	
6/17/2001	15:25:00	5.27	2.89	0.04	
6/18/2001	15:33:00	6.27	2.92	0.07	
6/19/2001	13:30:00	7.19	2.98	0.13	
6/20/2001	14:54:00	8.25	2.95	0.10	9:00 increase to 700 gpm
6/21/2001	16:35:00	9.32	2.72	-0.13	9:00 recovery begins
6/22/2001	12:25:00	10.14	2.92	0.07	



**GSWA - Spring Hill Seven Day Pumping Test**

**4065-005-AT1**

Well No.: SW-8 DP  
 Pumping Well: PW-101  
 Start Date: 6/12/2001  
 Initial Depth to Water: 3.38  
 Pumping Rate: 400 gpm

Page 1 of 1  
 Test No. : 7-Day Test

Start time: 9:00

Date	Time	D Time (days)	DTW	Ds	Remarks
6/12/2001	17:00:00	0.33	3.41	0.00	
6/12/2001	21:18:00	0.51	3.35	-0.03	
6/13/2001	17:00:00	1.33	3.39	0.01	
6/13/2001	17:55:00	1.37	3.40	0.02	
6/14/2001	12:56:00	2.16	3.38	0.00	
6/15/2001	16:07:00	3.30	3.27	-0.11	
6/16/2001	16:35:00	4.32	3.34	-0.04	
6/17/2001	16:57:00	5.33	3.36	-0.02	
6/18/2001	19:10:00	6.42	3.35	-0.03	
6/19/2001	15:15:00	7.26	3.37	-0.01	
6/20/2001	16:23:00	8.31	3.38	0.00	9:00 increase to 700 gpm
6/21/2001	18:15:00	9.39	3.38	0.00	9:00 recovery begins
6/22/2001	15:11:00	10.26	3.32	-0.06	

**GSWA - Spring Hill Seven Day Pumping Test**

**4065-005-AT1**

Well No.: SW-14 DP Page 1 of 1  
 Pumping Well: PW-101 Test No. : 7-Day Test  
 Start Date: 6/12/2001 Start time: 9:00  
 Initial Depth to Water: 0.06 initial is from 6/12/01 at 11:45  
 Pumping Rate: 400 gpm

Date	Time	D Time (days)	DTW	Ds	Remarks
6/12/2001	11:45:00	0.11	0.06	0.00	
6/12/2001	13:06:00	0.17	0.06	0.00	
6/12/2001	15:32:00	0.27	0.07	0.01	
6/13/2001	9:32:00	1.02	0.06	0.00	
6/13/2001	15:08:00	1.26	0.08	0.02	
6/13/2001	17:47:00	1.37	0.09	0.03	
6/16/2001	10:19:00	4.05	0.07	0.01	
6/16/2001	14:59:00	4.25	0.08	0.02	
6/16/2001	16:26:00	4.31	0.08	0.02	
6/16/2001	19:30:00	4.44	0.09	0.03	
6/17/2001	9:47:00	5.03	0.07	0.01	
6/17/2001	13:24:00	5.18	0.08	0.02	
6/17/2001	15:15:00	5.26	0.08	0.02	
6/17/2001	17:47:00	5.37	0.09	0.03	
6/18/2001	10:42:00	6.07	0.06	0.00	
6/18/2001	14:05:00	6.21	0.07	0.01	
6/18/2001	16:53:00	6.33	0.06	0.00	
6/18/2001	19:21:00	6.43	0.07	0.01	
6/19/2001	8:36:00	6.98	0.07	0.01	
6/19/2001	11:53:00	7.12	0.06	0.00	
6/19/2001	14:17:00	7.22	0.07	0.01	
6/19/2001	18:57:00	7.41	0.08	0.02	
6/20/2001	13:24:00	8.18	0.07	0.01	9:00 increase to 700 gpm
6/20/2001	15:15:00	8.26	0.07	0.01	
6/20/2001	19:04:00	8.42	0.08	0.02	
6/21/2001	11:46:00	9.12	0.06	-0.01	9:00 recovery begins
6/21/2001	14:18:00	9.22	0.02	-0.04	
6/22/2001	10:40:00	10.07	0.05	-0.02	
6/22/2001	14:04:00	10.21	0.05	-0.01	
6/22/2001	16:22:00	10.31	0.05	-0.02	
6/23/2001	9:43:00	11.03	0.06	0.00	
6/23/2001	12:35:00	11.15	0.06	0.00	
6/23/2001	15:00:00	11.25	0.06	0.00	
6/24/2001	11:30:00	12.10	0.06	-0.01	
6/24/2001	14:08:00	12.21	0.06	0.00	
6/24/2001	16:30:00	12.31	0.06	0.00	
6/25/2001	10:26:00	13.06	0.06	0.00	
6/25/2001	13:28:00	13.19	0.06	0.00	
6/25/2001	17:28:00	13.35	0.06	0.00	
6/26/2001	13:24:00	14.18	0.06	0.00	
6/26/2001	16:51:00	14.33	0.06	0.00	
6/26/2001	21:16:00	14.51	0.07	0.01	
6/27/2001	10:02:00	15.04	0.05	-0.01	
6/27/2001	16:09:00	15.30	0.07	0.01	
6/28/2001	13:37:00	16.19	0.06	0.00	
6/28/2001	17:36:00	16.36	0.08	0.02	
6/29/2001	12:05:00	17.13	0.06	0.00	

**GSWA - Spring Hill Seven Day Pumping Test**

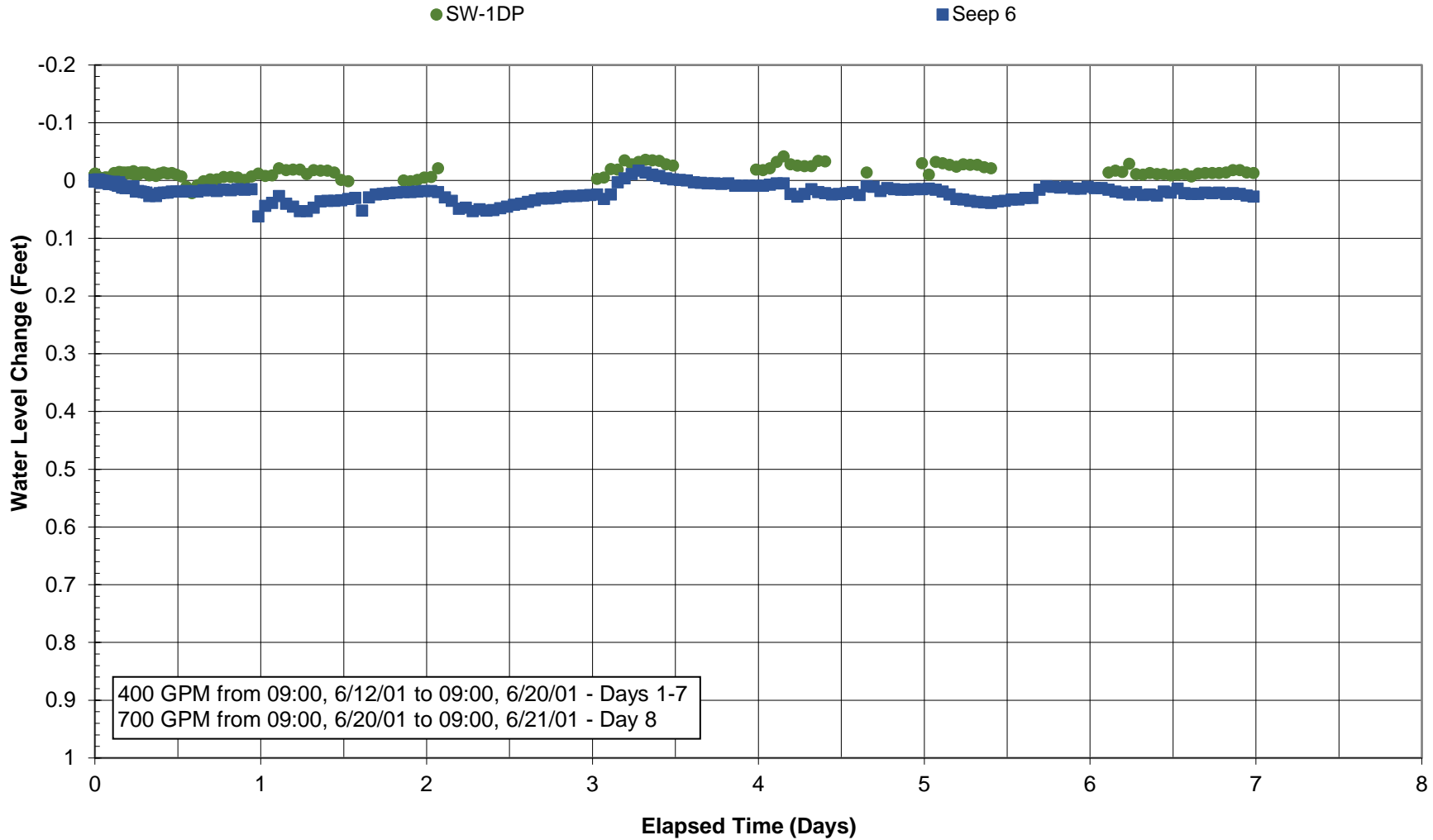
**4065-005-AT1**

Well No.: SW-15  
 Pumping Well: PW-101  
 Start Date: 6/12/2001 Start time: 9:00  
 Initial Depth to Water: 0.92 initial is from 6/12/01 at 13:08  
 Pumping Rate: 400 gpm

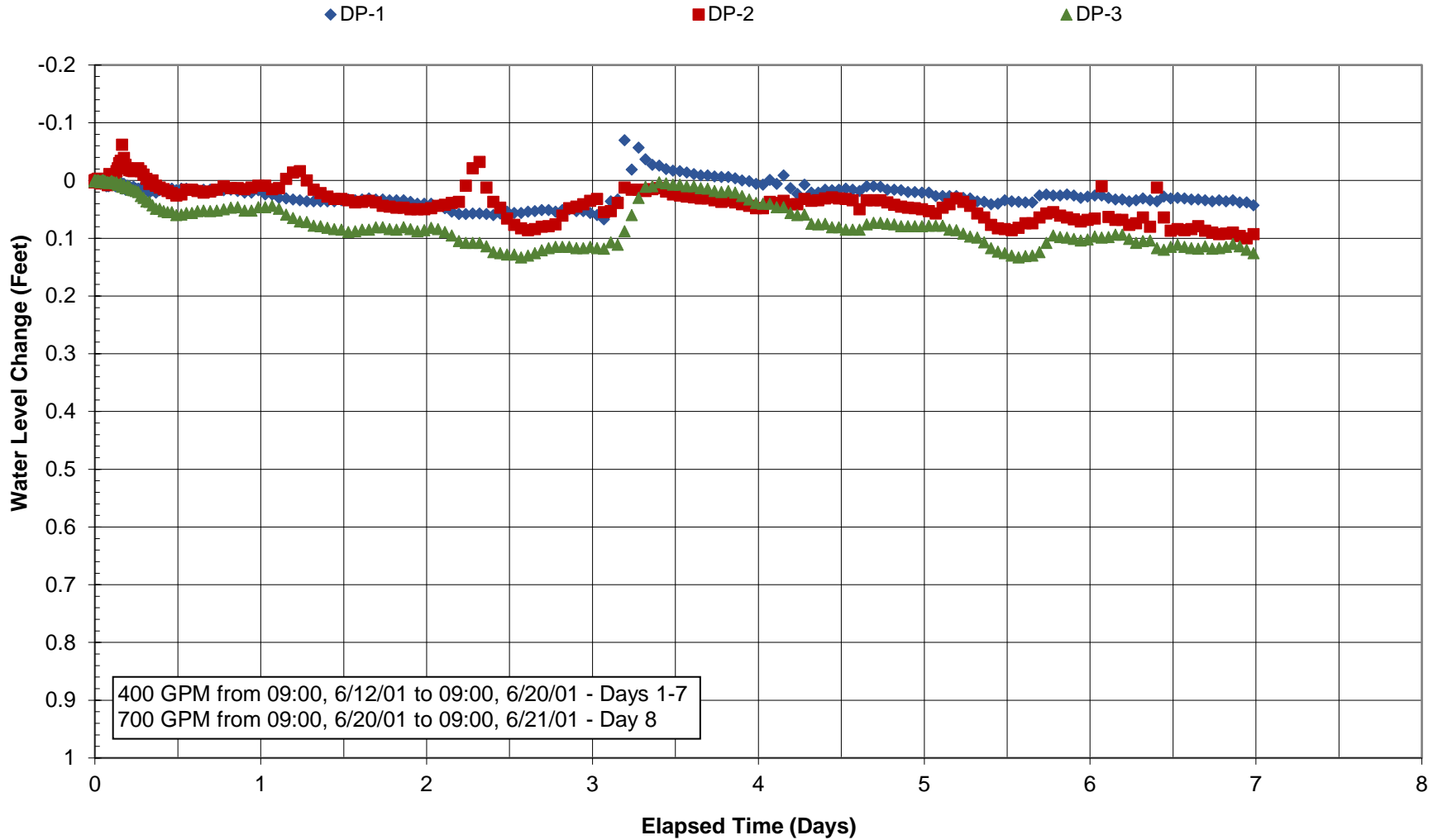
Page 1 of 1  
 Test No. : 7-Day Test

Date	Time	D Time (days)	DTW	Ds	Remarks
6/12/2001	13:08:00	0.17	0.92	0.00	
6/12/2001	15:34:00	0.27	0.93	0.01	
6/13/2001	9:43:00	1.03	0.92	0.00	
6/13/2001	15:10:00	1.26	0.93	0.01	
6/13/2001	17:50:00	1.37	0.93	0.01	
6/16/2001	10:22:00	4.06	0.92	0.00	
6/16/2001	15:02:00	4.25	0.93	0.01	
6/16/2001	16:29:00	4.31	0.92	0.00	
6/16/2001	19:32:00	4.44	0.93	0.01	
6/17/2001	9:51:00	5.04	0.92	0.00	
6/17/2001	13:27:00	5.19	0.93	0.01	
6/17/2001	15:17:00	5.26	0.93	0.01	
6/17/2001	17:50:00	5.37	0.94	0.02	
6/18/2001	10:44:00	6.07	0.92	0.00	
6/18/2001	14:47:00	6.24	0.92	0.00	
6/18/2001	16:57:00	6.33	0.92	0.00	
6/18/2001	19:23:00	6.43	0.92	0.00	
6/19/2001	8:37:00	6.98	0.93	0.01	
6/19/2001	10:50:00	7.08	0.94	0.02	
6/19/2001	11:37:00	7.11	0.94	0.02	
6/19/2001	14:17:00	7.22	0.99	0.07	
6/19/2001	18:59:00	7.42	0.94	0.02	
6/20/2001	13:27:00	8.19	0.93	0.01	9:00 increase to 700 gpm
6/20/2001	15:17:00	8.26	0.95	0.03	
6/20/2001	19:06:00	8.42	0.94	0.02	
6/21/2001	11:51:00	9.12	0.92	0.00	9:00 recovery begins
6/21/2001	14:20:00	9.22	0.78	-0.14	
6/22/2001	14:05:00	10.21	0.89	-0.03	
6/22/2001	16:24:00	10.31	0.89	-0.03	
6/23/2001	9:45:00	11.03	0.91	-0.01	
6/23/2001	12:37:00	11.15	0.91	-0.01	
6/23/2001	15:02:00	11.25	0.92	0.00	
6/24/2001	11:31:00	12.10	0.92	0.00	
6/24/2001	14:02:00	12.21	0.92	0.00	
6/25/2001	10:28:00	13.06	0.92	0.00	
6/25/2001	13:30:00	13.19	0.93	0.01	
6/25/2001	16:35:00	13.32	0.92	0.00	
6/25/2001	17:31:00	13.35	0.94	0.02	
6/26/2001	13:20:00	14.18	0.91	-0.01	
6/26/2001	16:47:00	14.32	0.95	0.03	
6/26/2001	21:14:00	14.51	0.93	0.01	
6/27/2001	9:57:00	15.04	0.92	0.00	
6/27/2001	16:06:00	15.30	0.94	0.02	
6/28/2001	13:34:00	16.19	0.94	0.02	
6/28/2001	17:33:00	16.36	0.95	0.03	
6/29/2001	12:05:00	17.13	0.93	0.01	

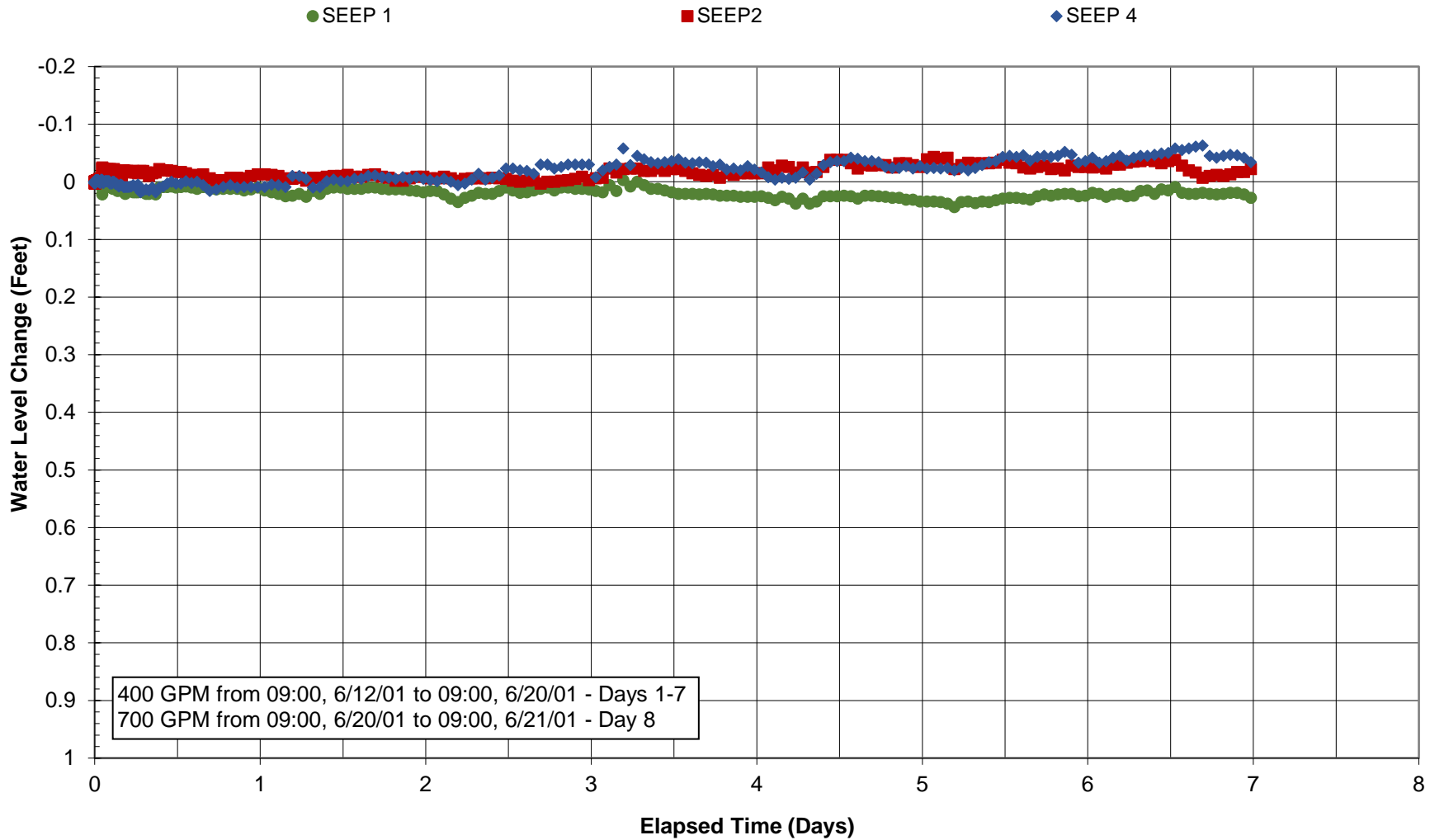
**WHITE PINE SPRINGS, PW-101 2001 PUMPING TEST  
WETLAND R MONITORING WELLS  
SEEP6 AND SW-1-DP WATER LEVEL CHANGE**



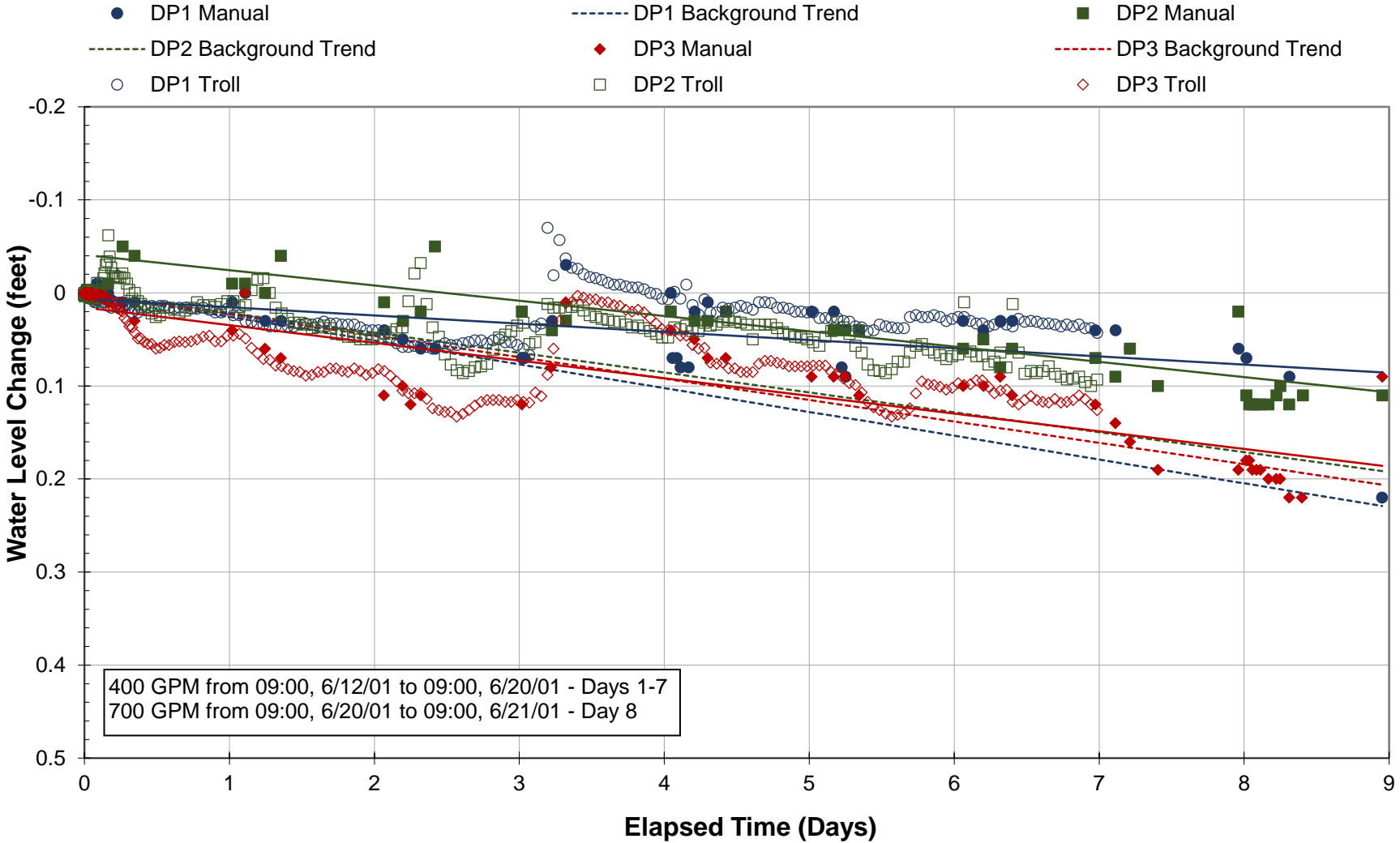
WHITE PINE SPRINGS, PW-101 2001 PUMPING TEST  
WETLAND G MONITORING WELLS  
DP-1, DP-2, and DP-3 WATER LEVEL CHANGE



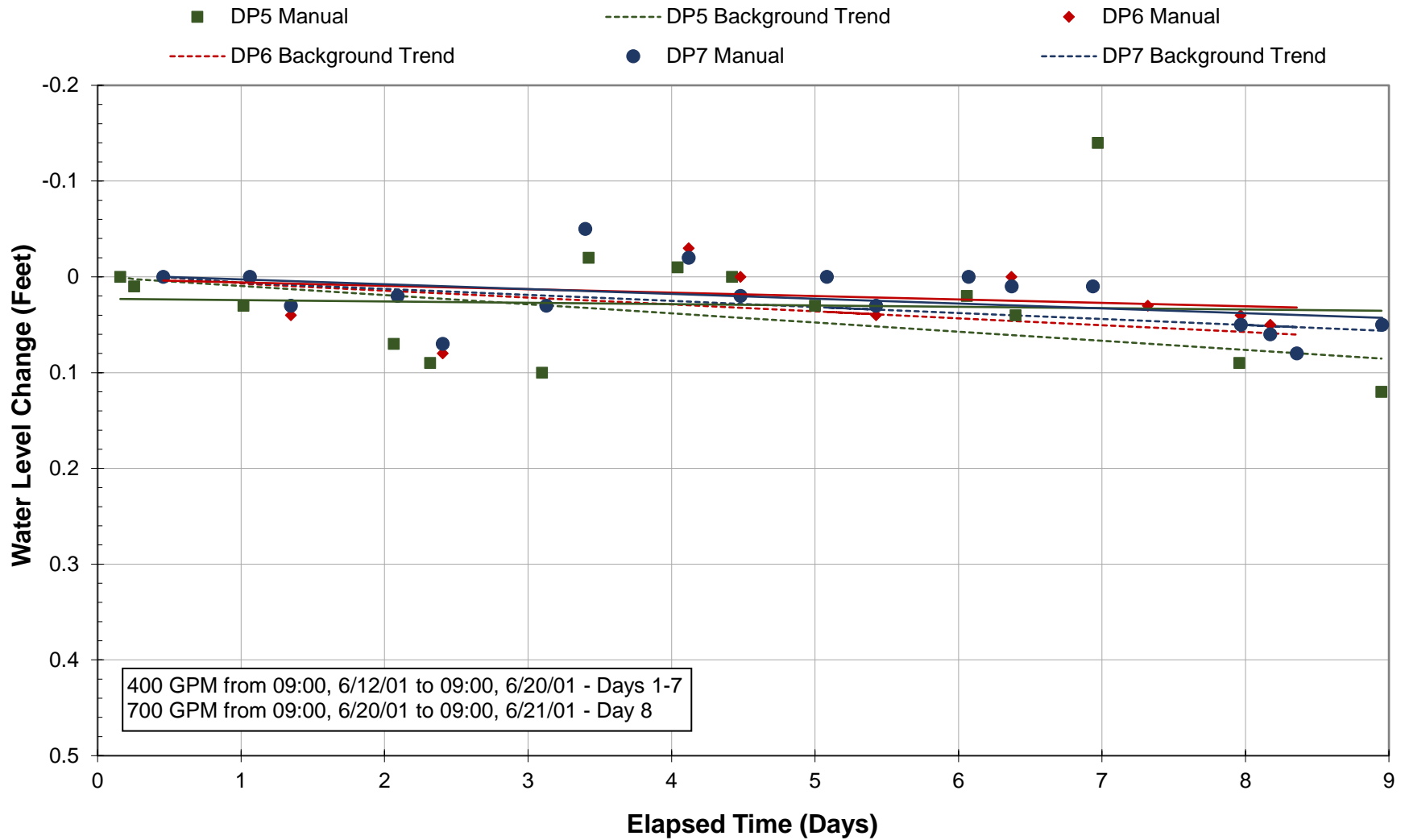
WHITE PINE SPRINGS, PW-101 2001 PUMPING TEST  
WETLAND R MONITORING WELLS  
SEEP1, SEEP2, AND SEEP4 WATER LEVEL CHANGE



**Figure 3-55. Wetland G monitoring well level data and trends during the 2001 PW-101 pump test, White Pine Springs, Evert, Michigan.**

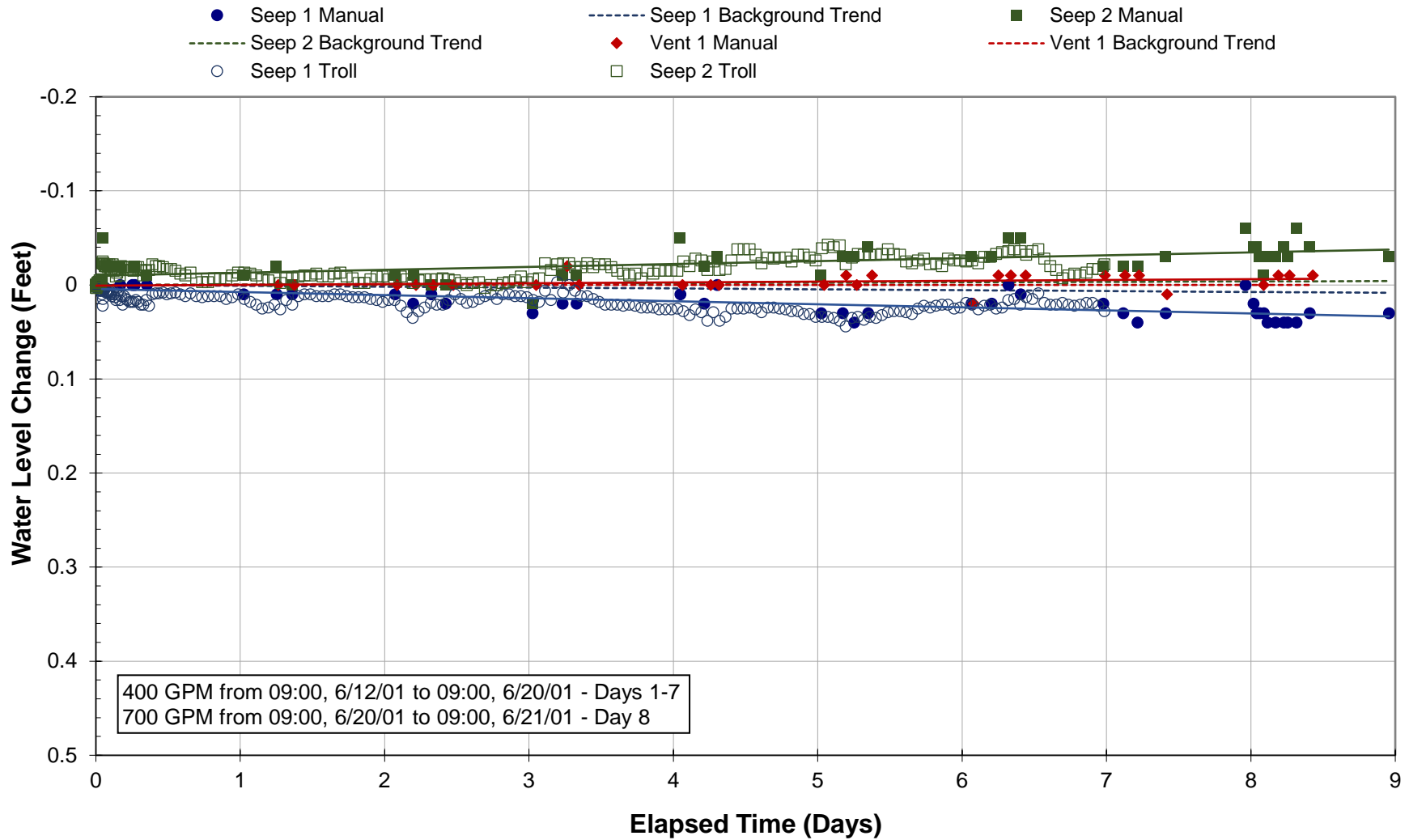


**Figure 3-56. Wetland R monitoring well level data and trends during the 2001 PW-101 pump test, White Pine Springs, Ewart, Michigan.**





**Figure 3-57. Wetland R monitoring well level data and trends during the 2001 PW-101 pump test, White Pine Springs, Evert, Michigan.**



**Figure 3-58. Wetland R monitoring well level data and trends during the 2001 PW-101 pump test, White Pine Springs, Evert, Michigan.**

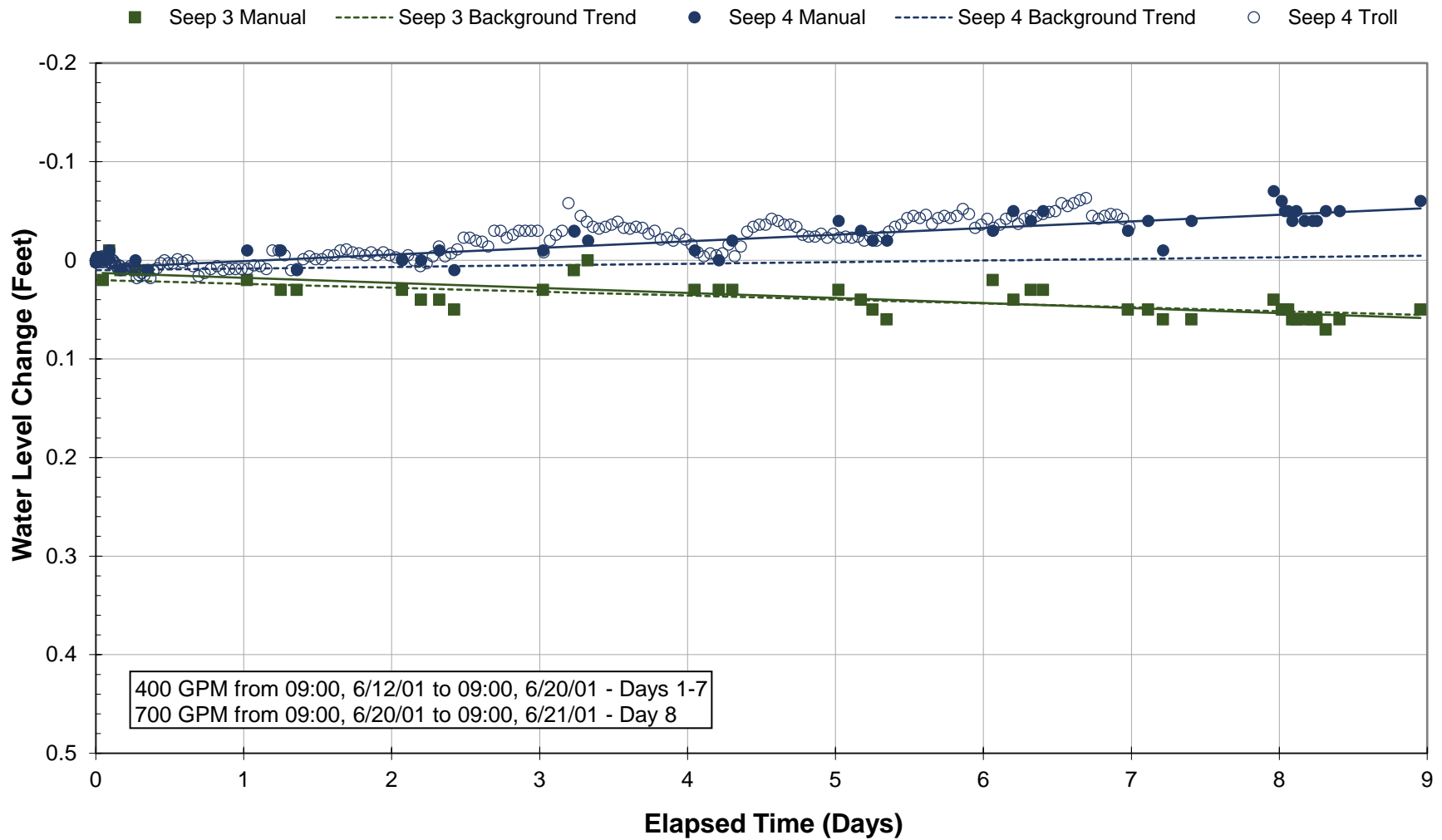
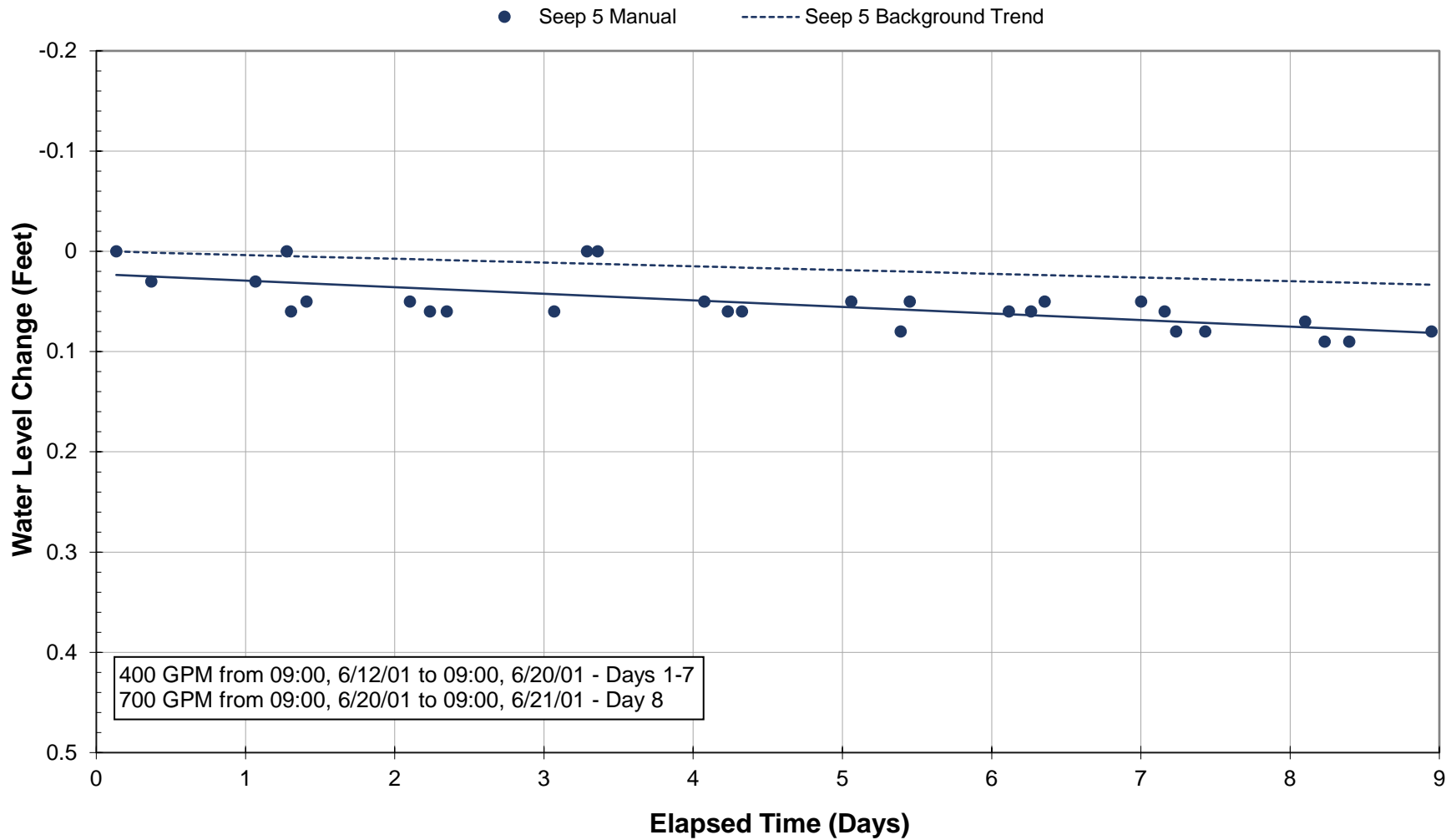
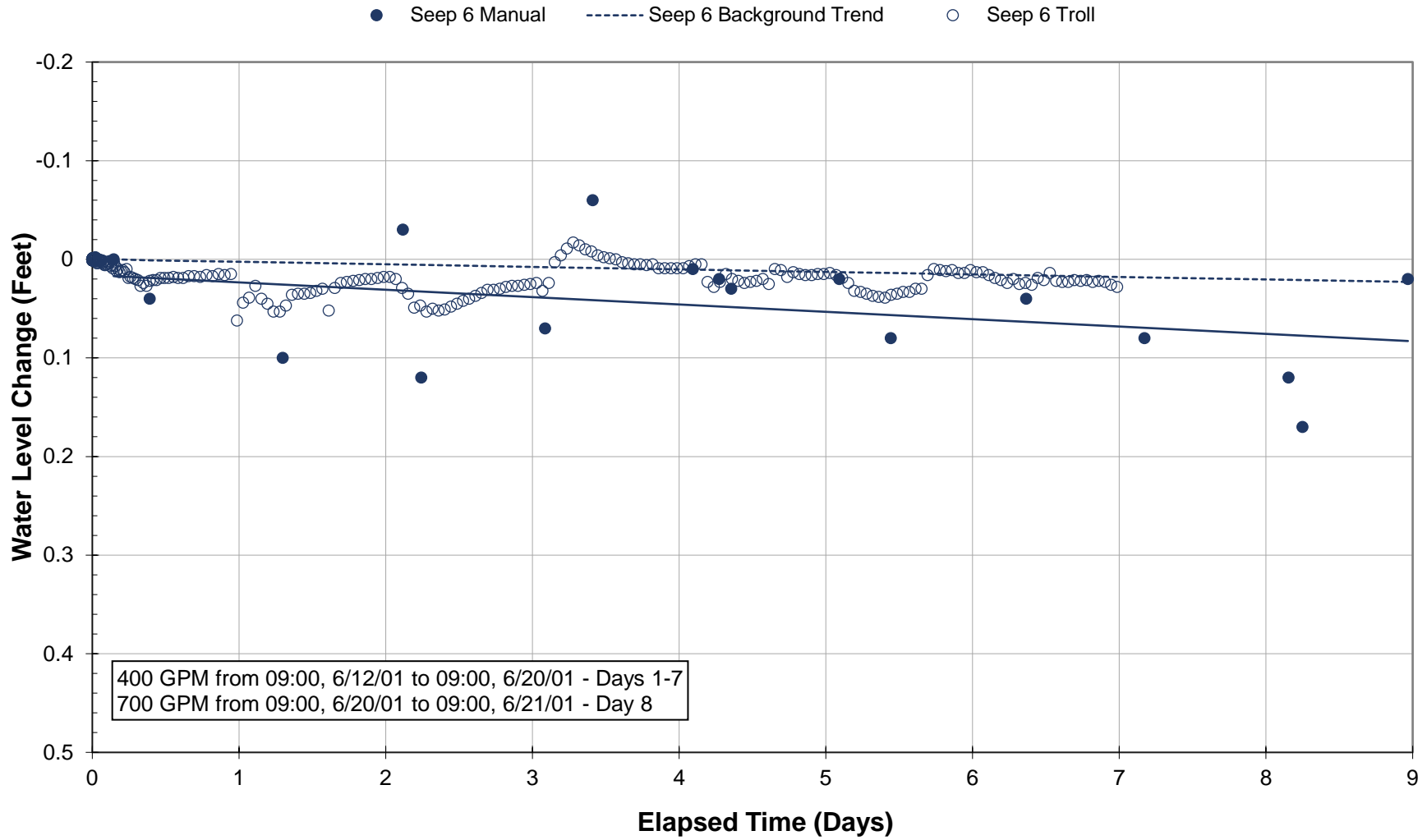


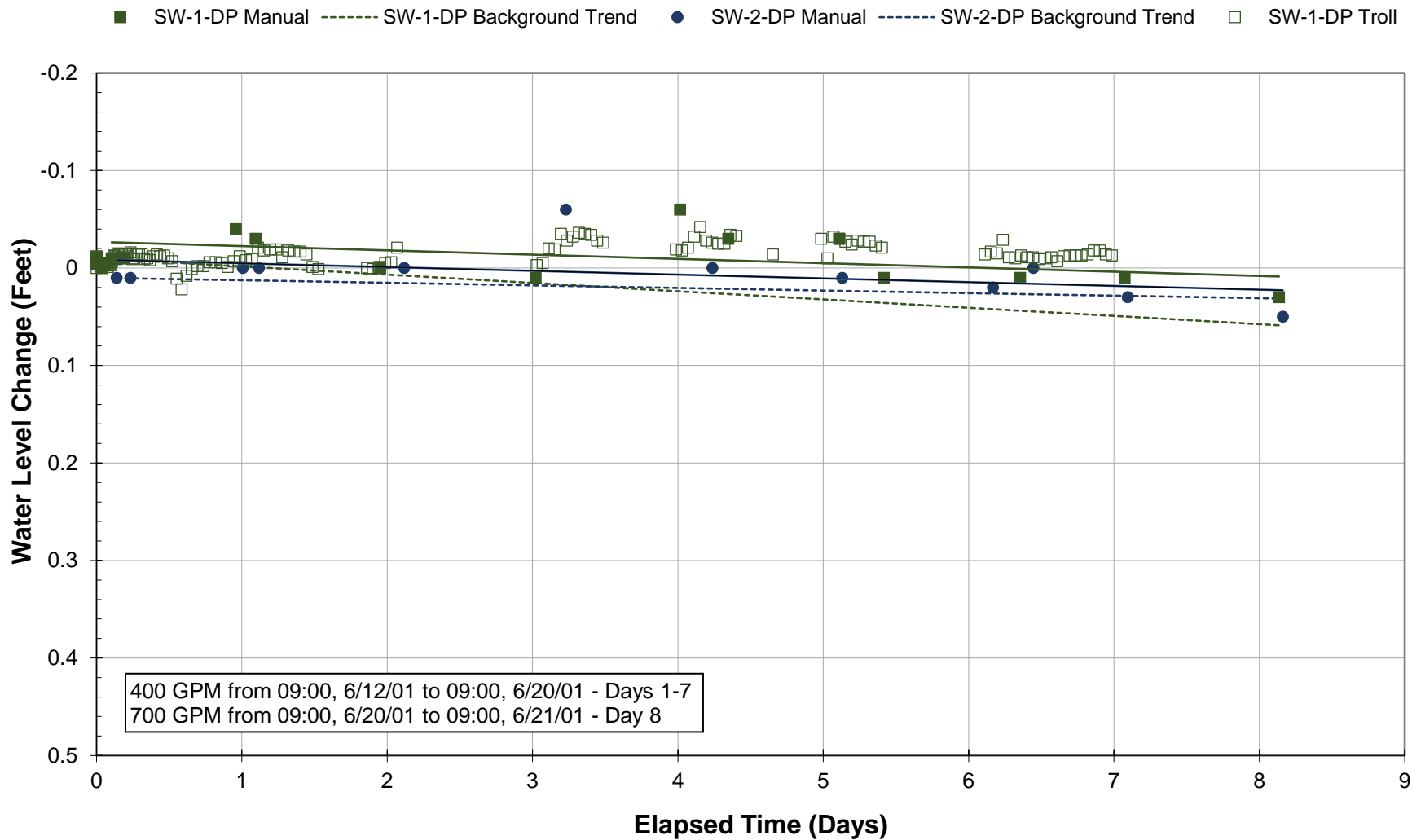
Figure 3-59. Wetland A monitoring well level data and trends during the 2001 PW-101 pump test, White Pine Springs, Evert, Michigan.



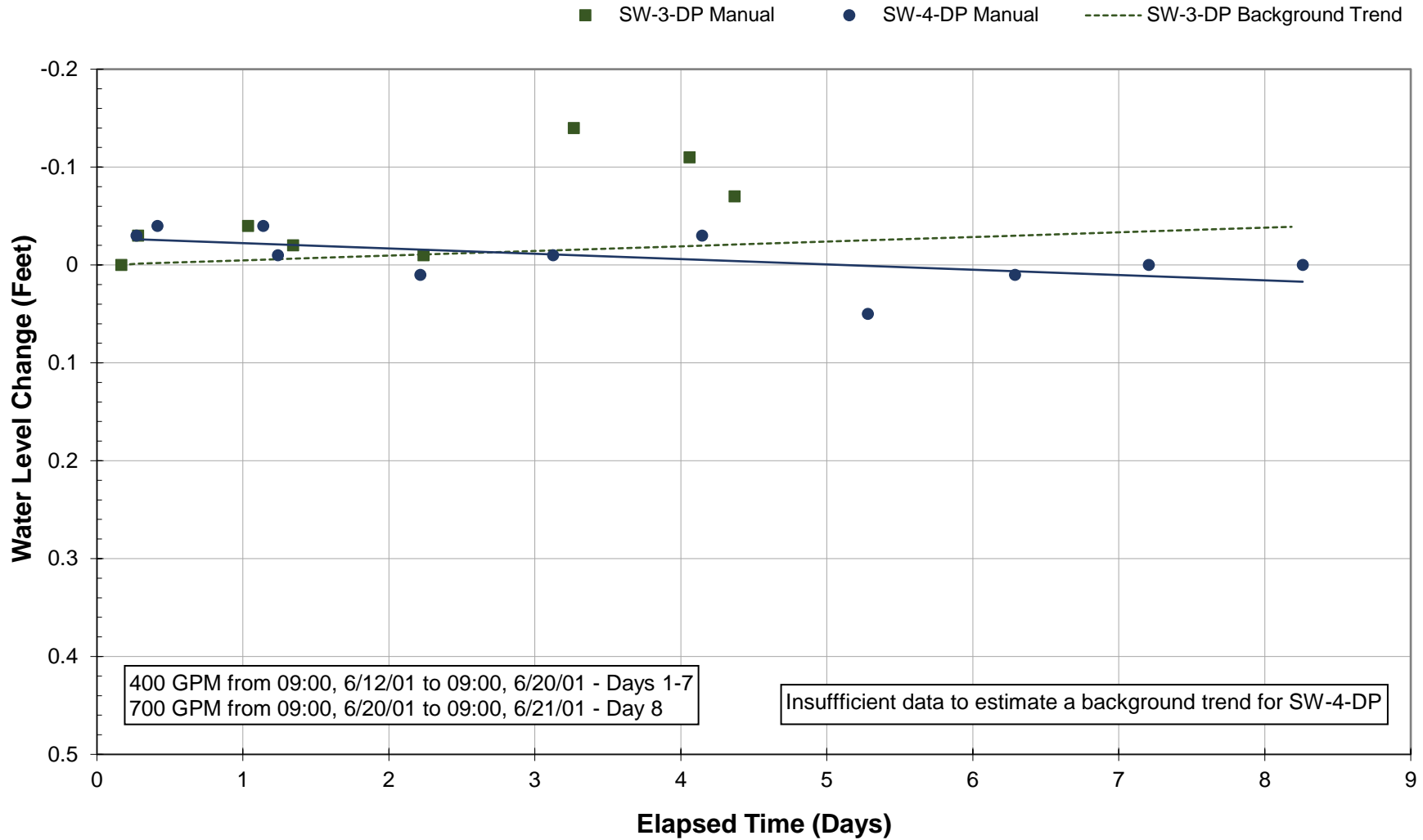
**Figure 3-60. Wetland R monitoring well level data and trends during the 2001 PW-101 pump test, White Pine Springs, Evert, Michigan.**



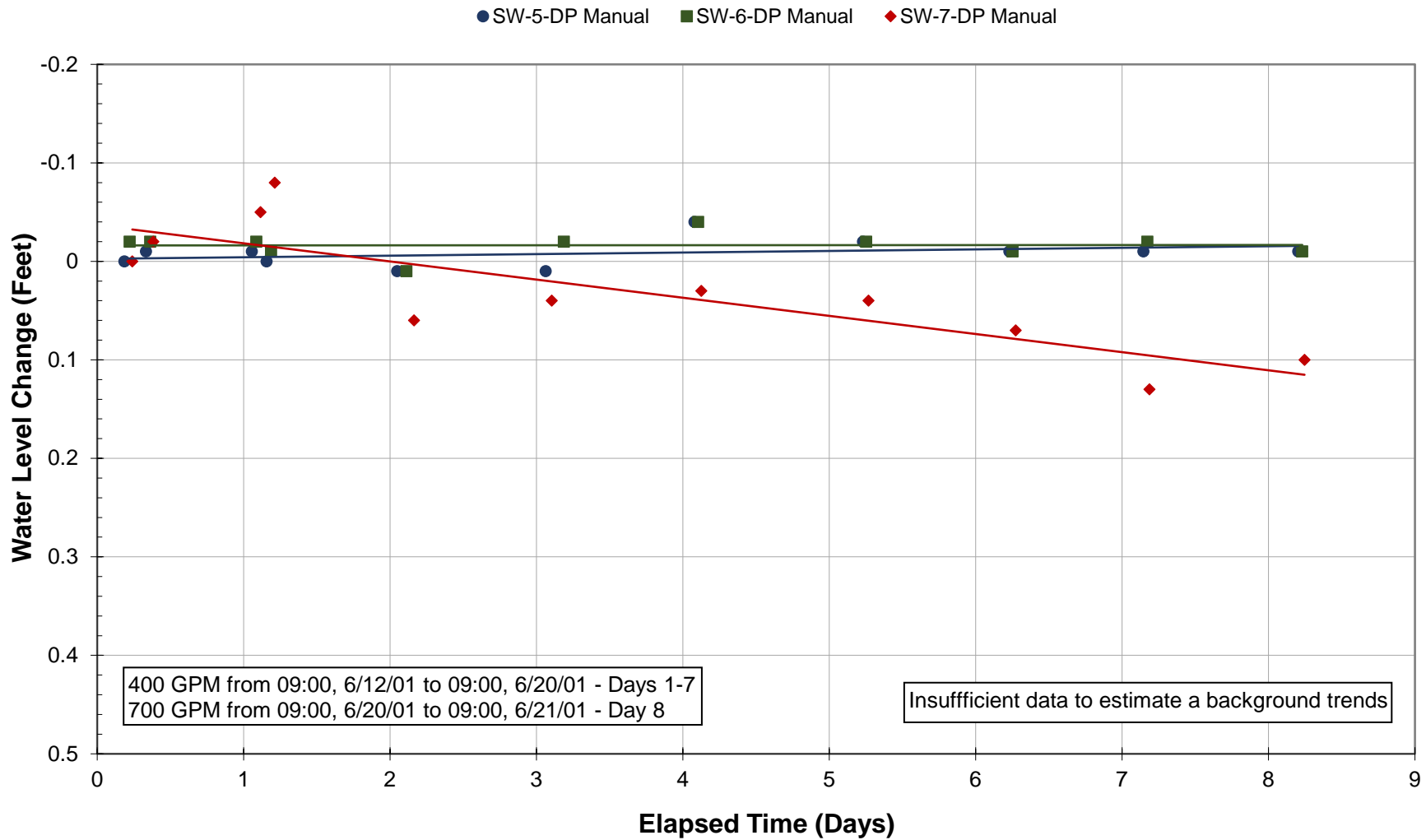
**Figure 3-61. Wetland R monitoring well level data and trends during the 2001 PW-101 pump test, White Pine Springs, Evart, Michigan.**



**Figure 3-62. Wetland R monitoring well level data and trends during the 2001 PW-101 pump test, White Pine Springs, Evert, Michigan.**



**Figure 3-63. Wetland R monitoring well level data and trends during the 2001 PW-101 pump test, White Pine Springs, Evert, Michigan.**



**Figure 3-64. Wetland A monitoring well level data and trends during the 2001 PW-101 pump test, White Pine Springs, Evert, Michigan.**

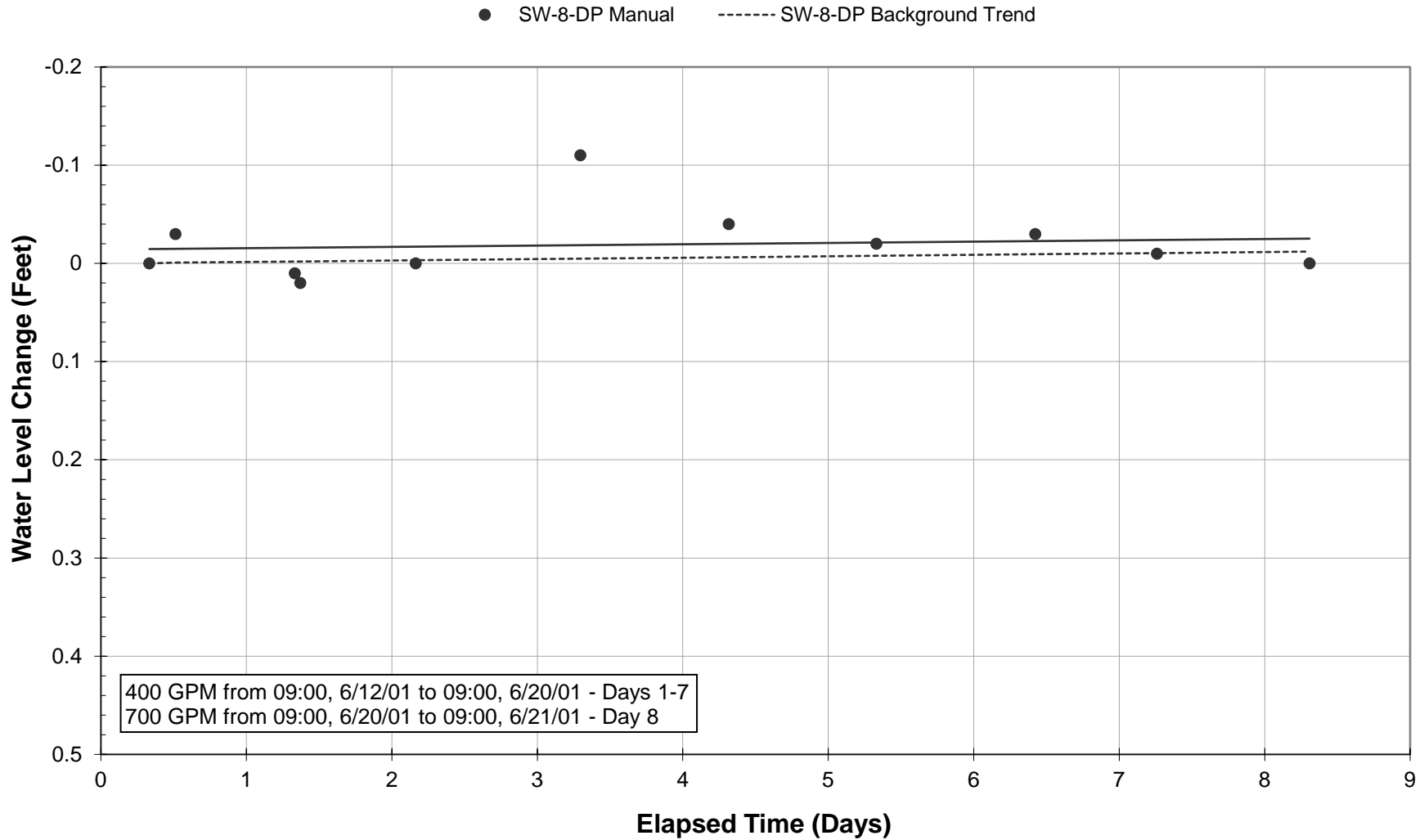




Figure 3-65. Wetland R monitoring well level data and trends during the 2001 PW-101 pump test, White Pine Springs, Evert, Michigan.

