

**APPENDIX B:**  
**LISTING OF WELLS, COORDINATES, AND ELEVATIONS**

## **MPTP MONITORING LOCATIONS**

Table B-1. Montana Pole Treatment Plant Well Information

Well Name	Alias Names	Northing NAD83 FT	Easting NAD83 FT	Top of PVC Elevation NAVD88 FT	Top of Casing Elevation NAVD88 FT	Ground Elevation NAVD88 FT	Top of PVC Elevation NGVD29 FT	Top of Casing Elevation NGVD29 FT	Ground Elevation NGVD29 FT	Casing Diameter IN	Top of Screen NGVD29 FT	Bottom of Screen NGVD29 FT	Top of Screen FT BGS	Bottom of Screen FT BGS	Comments
10-01		651096	1193398	5436.78	5438.84	5435.55	5432.56	5434.62	5431.33	4	5416.3	5406.3	15.0	25.0	
10-02		651098	1193392	5436.12	5436.18	5433.43	5431.90	5431.96	5429.21	4	5426.2	5421.2	3.0	8.0	
10-03		651092	1193147	5435.62	5435.76	5432.77	5431.40	5431.54	5428.55	4	5417.0	5412.0	11.6	16.6	
10-04		651089	1193143	5435.16	5435.26	5432.85	5430.94	5431.04	5428.63	4	5423.4	5420.4	5.2	8.2	
10-05		650978	1192985	5436.37	5436.46	5433.24	5432.15	5432.24	5429.02	4	5421.6	5416.6	7.4	12.4	
10-06		651162	1192907	5435.25	5435.41	5432.35	5431.03	5431.19	5428.13	4	5419.1	5409.1	9.0	19.0	
10-07		651164	1192911	5435.09	5435.20	5432.07	5430.87	5430.98	5427.85	4	5424.9	5419.9	3.0	8.0	
10-08		651208	1193216	5435.48	5435.64	5432.81	5431.26	5431.42	5428.59	4	5416.1	5406.1	12.5	22.5	
10-09		651208	1193219	5435.51	5435.67	5432.76	5431.29	5431.45	5428.54	4	5419.2	5414.2	9.3	14.3	
10-10		651154	1194015	5438.75	5436.88	5433.54	5434.53	5432.66	5429.32	4	5414.8	5409.8	14.5	19.5	
10-11		651152	1194011	5437.58	5437.68	5435.46	5433.36	5433.46	5431.24	4	5426.2	5421.2	5.0	10.0	
10-12		651018	1192741	5434.89			5430.67		5428.67	4	5428.7	5419.0	0.0	9.7	
10-13		651207	1193662	5436.84	5436.95	5434.15	5432.62	5432.73	5429.93	4	5415.4	5405.4	14.5	24.5	
10-14		651202	1193658	5437.26	5437.42	5434.05	5433.04	5433.20	5429.83	4	5422.6	5417.6	7.2	12.2	
10-15		651091	1193401	5436.70	5436.78	5433.43	5432.48	5432.56	5429.21	4	5419.7	5414.7	9.5	14.5	
10-16		651710	1193671	5441.82	5442.50	5439.40	5437.60	5438.28	5435.18	6					
10-17		651705	1193667	5441.98	5442.77	5439.59	5437.76	5438.55	5435.37	6					
10-18		651699	1193664	5442.05	5442.42	5439.52	5437.83	5438.20	5435.30	6					
10-19		651358	1193213	5438.09	5438.56	5435.82	5433.87	5434.34	5431.60	6	5399.1	5394.1	32.5	37.5	
10-20		651358	1193205	5438.04	5438.64	5435.46	5433.82	5434.42	5431.24	6					
10-21		651358	1193197	5437.82	5438.54	5435.43	5433.60	5434.32	5431.21	6					
AW-02	AW2	650377	1194057	5452.27	5452.55	5449.91	5448.05	5448.33	5445.69	6	5435.0	5425.8	10.6	19.9	abandoned
BMW-9A		651144	1193535	5437.51	5436.55	5433.92	5433.29	5432.33	5429.70	8	5415.0	5405.0	14.7	24.7	
BMW-9B		651137	1193537	5436.28	5436.53	5433.97	5432.06	5432.31	5429.75	8	5386.0	5376.0	43.8	53.8	
Discharge Pipe		650908	1193355	5432.64			5428.42								
GS-18R		651009	1193549	5436.59	5436.56	5434.11	5432.37	5432.34	5429.89	8	5424.5	5414.5	5.4	15.4	
GS-22		650753	1192837	5440.24	5440.28	5437.69	5436.02	5436.06	5433.47	6	5428.9	5418.9	4.6	14.6	
GW-05	GW05	649752	1193969	5458.90	5458.76	5456.44	5454.68	5454.54	5452.22	6	5432.1	5422.1	20.2	30.2	
GW-08	GW8	649384	1194261	5465.12	5465.28	5463.49	5460.90	5461.06	5459.27	6	5437.0	5426.5	22.3	32.8	
GW-09	GW09	650271	1193340	5454.26	5454.69	5452.18	5450.04	5450.47	5447.96	6	5430.4	5420.4	17.5	27.5	
GW-10	GW10	650241	1194360	5451.15	5451.51	5448.17	5446.93	5447.29	5443.95	6	5425.0	5414.5	19.0	29.5	
GW-12	GW12	650726	1193254	5442.28	5442.54	5439.54	5438.06	5438.32	5435.32	6	5415.5	5405.0	19.8	30.3	
GW-13	GW13	650811	1194373	5444.89	5445.47	5442.95	5440.67	5441.25	5438.73	6	5417.9	5407.9	20.9	30.9	
GW-14R-98	GW14R	651011	1193182	5434.96	5435.85	5433.93	5430.74	5431.63	5429.71	8	5427.3	5417.3	2.4	12.4	
GW-17	GW17	651006	1194544	5444.89	5444.95	5442.13	5440.67	5440.73	5437.91	6	5430.9	5420.9	7.0	17.0	
GW-21	GW21	649818	1194432	5456.40	5456.38	5453.34	5452.18	5452.16	5449.12	6	5436.4	5425.9	12.7	23.2	
GW-22R-98	GW224	649359	1194428	5465.03	5465.16	5462.43	5460.81	5460.94	5458.21	8	5440.4	5430.4	17.8	27.8	
HCA-21		650971	1193394	5435.74	5435.85	5434.56	5431.52	5431.63	5430.34	8	5427.0	5423.3	3.4	7.0	
INF-01		650682	1194073	5444.46	5445.30	5443.06	5440.24	5441.08	5438.84	6	5427.4	5422.4	11.5	16.5	
INF-02		650683	1194067	5444.28	5445.13	5443.12	5440.06	5440.91	5438.90	6	5429.6	5424.6	9.3	14.3	
INF-03		650683	1194062	5444.32	5445.28	5443.31	5440.10	5441.06	5439.09	6	5421.5	5416.5	17.6	22.6	
INF-04		650774	1193852	5444.97	5445.51	5443.23	5440.75	5441.29	5439.01	6	5430.0	5425.0	9.0	14.0	
INF-05		650774	1193847	5445.07	5445.68	5443.29	5440.85	5441.46	5439.07	6	5425.1	5420.1	14.0	19.0	
INF-06		650774	1193842	5445.30	5445.64	5443.51	5441.08	5441.42	5439.29	6	5420.8	5415.8	18.5	23.5	
INF-07		650829	1193650	5443.78	5444.63	5442.10	5439.56	5440.41	5437.88	6	5421.8	5416.8	16.1	21.1	
INF-08		650828	1193643	5443.81	5444.61	5442.29	5439.59	5440.39	5438.07	6	5426.7	5421.7	11.4	16.4	
INF-09		650828	1193636	5443.81	5444.67	5442.33	5439.59	5440.45	5438.11	6	5431.3	5427.3	6.8	10.8	

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Well Name	Alias Names	Northing NAD83 FT	Easting NAD83 FT	Top of PVC Elevation NAVD88 FT	Top of Casing Elevation NAVD88 FT	Ground Elevation NAVD88 FT	Top of PVC Elevation NGVD29 FT	Top of Casing Elevation NGVD29 FT	Ground Elevation NGVD29 FT	Casing Diameter IN	Top of Screen NGVD29 FT	Bottom of Screen NGVD29 FT	Top of Screen FT BGS	Bottom of Screen FT BGS	Comments
INF-10		650233	1194044	5448.70	5450.19	5449.00	5444.48	5445.97	5444.78	8	5433.8	5428.8	11.0	16.0	
INF-11		650236	1194047	5449.44	5450.34	5449.01	5445.22	5446.12	5444.79	8	5428.5	5423.5	16.3	21.3	
INF-12		650239	1194050	5449.89	5450.51	5449.10	5445.67	5446.29	5444.88	8	5420.0	5415.0	24.9	29.9	
INF-13		650035	1194182	5455.35	5455.61	5453.70	5451.13	5451.39	5449.48	8	5435.4	5430.4	14.0	19.0	
INF-14		650036	1194185	5455.16	5455.48	5453.56	5450.94	5451.26	5449.34	8	5427.4	5422.4	21.9	26.9	
INF-15		650036	1194189	5453.41	5454.46	5453.44	5449.19	5450.24	5449.22	8	5418.5	5413.5	30.7	35.7	
INF-16		649842	1194281	5459.82	5459.97	5454.94	5455.60	5455.75	5450.72	6	5436.7	5431.7	14.0	19.0	
INF-17		649837	1194284	5459.35	5459.59	5454.75	5455.13	5455.37	5450.53	6	5428.4	5423.4	22.1	27.1	
INF-18		649833	1194287	5458.92	5459.15	5454.30	5454.70	5454.93	5450.08	6	5420.3	5415.3	29.8	34.8	
MANHOLE #2	NHRT MH#2	650574	1193955	5448.07	5448.10	5445.66	5443.85	5443.88	5441.44	10					
MP-04	MF-14	650785	1193447	5442.68	5442.78	5440.48	5438.46	5438.56	5436.26	8	5427.2	5417.2	9.0	19.0	
MW-01		650806	1193383	5442.61	5443.09	5440.76	5438.39	5438.87	5436.54	8	5431.4	5414.4	5.1	22.1	
MW-03		650886	1194185	5444.97	5445.41	5442.99	5440.75	5441.19	5438.77	8	5433.2	5417.2	5.5	21.5	
MW-09		650167	1193617	5454.76	5455.18	5453.88	5450.54	5450.96	5449.66	8	5437.2	5424.1	12.5	25.6	
MW-14		649904	1193917	5455.45	5455.55	5454.75	5451.23	5451.33	5450.53	8	5436.2	5424.2	14.3	26.3	
MW-87-3	MW-87-03; M-03-87	650908	1193442	5441.70	5441.84	5440.61	5437.48	5437.62	5436.39	8	5430.3	5420.3	6.1	16.1	
MW-A-01		650587	1193403	5444.06	5445.16	5443.77	5439.84	5440.94	5439.55	8	5434.2	5424.2	5.4	15.4	
MW-A-04	B4	650393	1193658	5485.04	5485.02	5485.83	5480.82	5480.80	5481.61	12					abandoned
MW-A-95	A95	650225	1193767	5451.25	5451.55	5449.17	5447.03	5447.33	5444.95	6	5439.2	5423.4	5.8	21.6	
MW-A-96	MW-A	649255	1196201	5468.25	5468.70	5467.45	5464.03	5464.48	5463.23	8	5445.1	5435.1	18.1	28.1	
MW-A-98	A98	650810	1193163	5439.70	5440.09	5437.78	5435.48	5435.87	5433.56	8	5427.8	5417.8	5.8	15.8	
MW-A-99	A99	650582	1193505	5445.39	5445.96	5443.77	5441.17	5441.74	5439.55	5	5430.8	5420.8	8.7	18.7	
MW-B-01		650635	1193500	5442.19	5443.17	5441.60	5437.97	5438.95	5437.38	8	5432.2	5422.2	5.2	15.2	
MW-B-04	B3	650492	1193850	5471.26	5471.30	5468.26	5467.04	5467.08	5464.04	6					abandoned
MW-B-95		650295	1194063	5450.90	5451.18	5449.51	5446.68	5446.96	5445.29	8	5436.6	5421.1	8.7	24.2	abandoned
MW-B-96	B	649297	1195273	5464.91	5465.01	5463.93	5460.69	5460.79	5459.71	8	5440.7	5430.7	19.1	29.1	
MW-B-98		650867	1194306	5443.77	5444.00	5441.63	5439.55	5439.78	5437.41	8	5433.6	5423.6	3.8	13.8	
MW-B-99	MW-99-B	650678	1193387	5442.71	5442.89	5440.56	5438.49	5438.67	5436.34	6	5432.7	5422.7	3.7	13.7	
MW-C-01		650713	1193413	5442.50	5443.09	5440.71	5438.28	5438.87	5436.49	8	5432.5	5422.5	4.0	14.0	
MW-C-04	B8	650273	1193986	5472.67	5472.76	5469.37	5468.45	5468.54	5465.15	6					abandoned
MW-C-96	MW-96-C	649584	1195451	5463.44	5463.90	5462.28	5459.22	5459.68	5458.06	8	5439.8	5429.8	18.3	28.3	
MW-CT-01	CT1	650620	1193295	5445.19	5445.12	5442.04	5440.97	5440.90	5437.82	8	5411.1	5411.1	26.7	26.7	
MW-CT-02	CT2	650616	1193291	5445.14	5445.46	5442.29	5440.92	5441.24	5438.07	8	5420.8	5420.8	17.2	17.2	
MW-D-01		650742	1193380	5442.04	5442.60	5439.90	5437.82	5438.38	5435.68	8	5432.1	5422.1	3.5	13.5	
MW-D-95		650394	1193769	5489.69	5489.57	5489.95	5485.47	5485.35	5485.73	12	5439.1	5421.1	46.7	64.7	abandoned
MW-D-96	D	649328	1194519	5464.29	5464.92	5464.55	5460.07	5460.70	5460.33	8	5440.0	5430.0	20.4	30.4	
MW-E-01		650819	1193286	5440.59	5440.74	5438.18	5436.37	5436.52	5433.96	8	5430.6	5420.6	3.4	13.4	
MW-E-96	96-E	649843	1194633	5458.66	5459.18	5457.33	5454.44	5454.96	5453.11	8	5434.4	5424.4	18.7	28.7	
MW-F-01		650826	1193399	5442.43	5443.38	5441.71	5438.21	5439.16	5437.49	8	5432.5	5422.5	5.0	15.0	
MW-F-95		650444	1194021	5452.19	5452.44	5451.24	5447.97	5448.22	5447.02	8	5436.6	5421.1	10.5	26.0	abandoned
MW-F-96	96-F	649366	1193672	5469.86	5470.47	5470.39	5465.64	5466.25	5466.17	12	5441.5	5431.5	24.7	34.7	
MW-G-01		650808	1193540	5443.26	5443.72	5441.57	5439.04	5439.50	5437.35	8	5433.4	5423.4	4.0	14.0	
MW-G-96	96-G	649618	1193255	5480.15	5480.54	5479.24	5475.93	5476.32	5475.02	8	5455.6	5445.6	19.4	29.4	
MW-H-01		650891	1193376	5440.65	5441.79	5439.36	5436.43	5437.57	5435.14	8	5430.7	5420.7	4.4	14.4	
MW-H-95		650571	1193665	5448.15	5448.53	5446.35	5443.93	5444.31	5442.13	8	5435.7	5420.2	6.4	21.9	
MW-H-96	96-H	650026	1193198	5462.80	5463.35	5461.13	5458.58	5459.13	5456.91	8	5440.6	5430.6	16.3	26.3	

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MW-I-01		650925	1193598	5437.86	5438.00	5436.15	5433.64	5433.78	5431.93	8	5431.8	5421.8	0.1	10.1	
MW-I-96	MW-1-96	650914	1194211	5443.94	5444.49	5442.97	5439.72	5440.27	5438.75	8	5425.1	5419.7	13.6	19.1	
MW-J-01		650946	1193866	5439.37	5439.64	5437.97	5435.15	5435.42	5433.75	8	5433.1	5423.1	0.6	10.6	
MW-J-96	J	650709	1193489	5442.13	5442.70	5440.54	5437.91	5438.48	5436.32	8	5428.8	5410.0	7.5	26.3	
MW-K-01		650956	1194059	5439.63	5440.05	5438.11	5435.41	5435.83	5433.89	8	5433.5	5423.5	0.4	10.4	
MW-K-96	96-K	650890	1193257	5439.72	5440.36	5437.65	5435.50	5436.14	5433.43	8	5424.3	5410.3	9.2	23.2	
MW-L-01		650800	1194181	5444.36	5445.26	5444.29	5440.14	5441.04	5440.07	8	5434.5	5424.5	5.6	15.6	
MW-L-96	MW-96-L	650930	1193750	5438.26	5438.84	5436.09	5434.04	5434.62	5431.87	8	5420.2	5410.2	11.7	21.7	
MW-M-01		650796	1194261	5443.15	5444.18	5443.12	5438.93	5439.96	5438.90	8	5433.3	5423.3	5.6	15.6	
MW-M-96	MW-96-M	650949	1193980	5438.40	5438.86	5436.37	5434.18	5434.64	5432.15	8	5421.3	5411.3	10.8	20.8	
MW-N-01		650676	1194173	5445.51	5445.98	5444.45	5441.29	5441.76	5440.23	8	5435.6	5425.6	4.6	14.6	
MW-O-01		650620	1194174	5445.77	5446.43	5445.57	5441.55	5442.21	5441.35	8	5435.9	5425.9	5.4	15.4	
MW-P-01		650660	1194254	5446.59	5447.23	5445.34	5442.37	5443.01	5441.12	8	5436.7	5426.7	4.4	14.4	
MW-Q-01		650467	1194196	5454.18	5455.08	5453.41	5449.96	5450.86	5449.19	8	5434.3	5424.3	14.9	24.9	abandoned
MW-R-01		650379	1194247	5460.43	5460.59	5457.81	5456.21	5456.37	5453.59	8	5440.6	5425.6	13.0	28.0	abandoned
MW-S-01	MW-5-01	650243	1194314	5452.56	5453.43	5452.12	5448.34	5449.21	5447.90	8	5437.7	5427.7	10.2	20.2	
MW-S1	S1	650645	1193309	5443.17	5443.63	5440.94	5438.95	5439.41	5436.72	8	5422.1	5417.1	14.6	19.6	
MW-T-01		650138	1194369	5453.57	5454.79	5453.05	5449.35	5450.57	5448.83	8	5438.7	5428.7	10.1	20.1	
MW-U-01		649627	1194420	5457.41	5458.49	5456.97	5453.19	5454.27	5452.75	8	5437.5	5427.5	15.3	25.3	
MW-V-01		649621	1194123	5460.54	5461.14	5459.93	5456.32	5456.92	5455.71	6	5440.6	5425.6	15.1	30.1	
MW-W-01		650004	1193741	5452.49	5454.04	5452.24	5448.27	5449.82	5448.02	8	5432.6	5422.6	15.4	25.4	
MW-X-01		650210	1193977	5450.20	5450.67	5448.97	5445.98	5446.45	5444.75	8	5435.3	5425.3	9.5	19.5	
MW-Y-01		650205	1193968	5449.78	5450.26	5449.09	5445.56	5446.04	5444.87	8	5439.9	5429.9	5.0	15.0	
N-8-CO		650599	1194005	5445.69	5446.52	5444.11	5441.47	5442.30	5439.89	6					
NA-06-D	N-A-06-1D	650817	1193407	5444.03	5444.29	5441.40	5439.81	5440.07	5437.18	4			21.0	21.5	
NA-06-I	N-A-06-1I	650817	1193409	5444.00	5444.28	5441.32	5439.78	5440.06	5437.10	4	5421.0	5420.0	16.1	17.1	
NA-06-S	N-A-06-1S	650817	1193411	5444.05	5444.33	5441.32	5439.83	5440.11	5437.10	4	5426.0	5425.0	11.1	12.1	
NB-06-D	N-B-06-1D	650830	1193401	5443.96	5444.19	5441.27	5439.74	5439.97	5437.05	4	5416.0	5415.0	21.1	22.1	
NB-06-I	N-B-06-1I	650830	1193403	5443.93	5444.12	5441.06	5439.71	5439.90	5436.84	4	5421.0	5420.0	15.8	16.8	
NB-06-S	N-B-06-1S	650830	1193405	5443.97	5444.25	5441.25	5439.75	5440.03	5437.03	4	5426.0	5425.0	11.0	12.0	
NC-06-D	N-C-06-1D	650882	1193316	5441.00	5441.20	5438.43	5436.78	5436.98	5434.21	4	5415.0	5414.0	19.2	20.2	
NC-06-I	N-C-06-1I	650882	1193319	5441.19	5441.40	5438.40	5436.97	5437.18	5434.18	4	5420.0	5419.0	14.2	15.2	
NC-06-S	N-C-06-1S	650883	1193321	5441.27	5441.60	5438.53	5437.05	5437.38	5434.31	4	5425.0	5424.0	9.3	10.3	
NCRTPZ-01	NCRT PZ-01	650900	1194188	5442.34	5441.59	5442.69	5438.12	5437.37	5438.47	12	5421.7	5417.7	16.8	20.8	
NCRTPZ-02	NCRT PZ-02	650876	1193923	5442.03	5442.00	5441.72	5437.81	5437.78	5437.50	12					
NCRTPZ-03	NCRT PZ-03	650856	1193724	5442.46	5442.18	5442.51	5438.24	5437.96	5438.29	12					
NCRTPZ-04	NCRT PZ-04	650828	1193434	5441.19	5441.21	5440.67	5436.97	5436.99	5436.45	12	5422.7	5417.7	13.8	18.8	
NCTR-1-1-D		650843	1193529	5443.89	5444.13	5441.50	5439.67	5439.91	5437.28	4	5415.0	5414.0	22.3	23.3	
NCTR-1-1-I		650843	1193531	5444.12	5444.33	5441.62	5439.90	5440.11	5437.40	4	5420.0	5419.0	17.4	18.4	
NCTR-1-1-S		650843	1193533	5444.10	5444.26	5441.59	5439.88	5440.04	5437.37	4	5425.0	5424.0	12.4	13.4	
NCTR-1-2-D		650830	1193529	5444.34	5444.52	5441.66	5440.12	5440.30	5437.44	4	5415.0	5414.0	22.4	23.4	
NCTR-1-2-I		650830	1193532	5444.15	5444.23	5441.65	5439.93	5440.01	5437.43	4	5420.0	5419.0	17.4	18.4	
NCTR-1-2-S		650830	1193533	5444.38	5444.37	5441.65	5440.16	5440.15	5437.43	4	5425.0	5424.0	12.4	13.4	
NCTR-2-1-D		650856	1193610	5444.54	5444.82	5441.92	5440.32	5440.60	5437.70	4	5416.0	5415.0	21.7	22.7	
NCTR-2-1-I		650856	1193612	5444.51	5444.82	5442.00	5440.29	5440.60	5437.78	4	5420.0	5419.0	17.8	18.8	
NCTR-2-1-S		650856	1193614	5444.41	5444.83	5441.94	5440.19	5440.61	5437.72	4	5425.0	5424.0	12.7	13.7	

Table B-1. Montana Pole Treatment Plant Well Information

Well Name	Alias Names	Northing NAD83 FT	Easting NAD83 FT	Top of PVC Elevation NAVD88 FT	Top of Casing Elevation NAVD88 FT	Ground Elevation NAVD88 FT	Top of PVC Elevation NGVD29 FT	Top of Casing Elevation NGVD29 FT	Ground Elevation NGVD29 FT	Casing Diameter IN	Top of Screen NGVD29 FT	Bottom of Screen NGVD29 FT	Top of Screen FT BGS	Bottom of Screen FT BGS	Comments
NCTR-2-2-D		650839	1193611	5444.57	5444.70	5441.86	5440.35	5440.48	5437.64	4	5418.0	5417.0	19.6	20.6	
NCTR-2-2-I		650839	1193613	5444.51	5444.75	5441.90	5440.29	5440.53	5437.68	4	5422.0	5421.0	15.7	16.7	
NCTR-2-2-S		650840	1193615	5444.52	5444.71	5441.95	5440.30	5440.49	5437.73	4	5426.0	5425.0	11.7	12.7	
NCTR-3-1-D		650876	1193823	5444.58	5444.91	5441.81	5440.36	5440.69	5437.59	4	5416.0	5415.0	21.6	22.6	
NCTR-3-1-I		650877	1193825	5444.59	5444.93	5441.93	5440.37	5440.71	5437.71	4	5421.0	5420.0	16.7	17.7	
NCTR-3-1-S		650877	1193827	5444.57	5444.87	5441.92	5440.35	5440.65	5437.70	4	5426.0	5425.0	11.7	12.7	
NCTR-3-2-D		650858	1193821	5444.50	5444.84	5441.86	5440.28	5440.62	5437.64	4	5416.0	5415.0	21.6	22.6	
NCTR-3-2-I		650858	1193823	5444.67	5444.90	5441.90	5440.45	5440.68	5437.68	4	5421.0	5420.0	16.7	17.7	
NCTR-3-2-S		650858	1193827	5444.52	5444.89	5441.97	5440.30	5440.67	5437.75	4	5427.0	5426.0	10.8	11.8	
ND-06-D	N-D-06-1D	650903	1193514	5441.19	5441.44	5438.46	5436.97	5437.22	5434.24	4	5413.0	5412.0	21.2	22.2	
ND-06-I	N-D-06-1I	650903	1193517	5441.25	5441.49	5438.53	5437.03	5437.27	5434.31	4	5419.0	5418.0	15.3	16.3	
ND-06-S	N-D-06-1S	650903	1193520	5441.26	5441.52	5438.53	5437.04	5437.30	5434.31	4	5424.0	5423.0	10.3	11.3	
NE-06-D	N-E-06-1D	650908	1193600	5439.79	5439.97	5436.88	5435.57	5435.75	5432.66	4	5415.0	5414.0	17.7	18.7	
NE-06-I	N-E-06-1I	650909	1193602	5439.72	5439.93	5436.85	5435.50	5435.71	5432.63	4	5417.0	5416.0	15.6	16.6	
NE-06-S	N-E-06-1S	650909	1193604	5439.75	5440.02	5436.89	5435.53	5435.80	5432.67	4			8.1	8.3	
NF-06-D	N-F-06-1D	650929	1193814	5439.87	5440.06	5437.08	5435.65	5435.84	5432.86	4	5413.0	5412.0	19.9	20.9	
NF-06-I	N-F-06-1I	650930	1193816	5439.90	5440.11	5437.07	5435.68	5435.89	5432.85	4	5419.0	5418.0	13.8	14.8	
NF-06-S	N-F-06-1S	650930	1193818	5439.91	5440.13	5437.03	5435.69	5435.91	5432.81	4	5425.0	5424.0	7.8	8.8	
NHRTTZ-04	NHRT PZ-04	650582	1193528	5444.48	5444.82	5444.85	5440.26	5440.60	5440.63	12					
PZ-1-CO		650811	1193720	5444.02	5444.99	5442.72	5439.80	5440.77	5438.50	6					
PZ-3-CO		650823	1193787	5444.03	5444.77	5442.69	5439.81	5440.55	5438.47	6					
PZ-5-CO		650617	1193929	5446.75	5447.59	5445.76	5442.53	5443.37	5441.54	6					
PZ-6-CO		650792	1194018	5444.34	5445.02	5442.77	5440.12	5440.80	5438.55	6					
PZ-7-CO		650737	1194011	5444.55	5445.29	5443.27	5440.33	5441.07	5439.05	6					
PZ-9-CO		650503	1194074	5449.06	5449.05	5445.51	5444.84	5444.83	5441.29	6					
PZ-N1-1	PZ-N1-01	650793	1193632	5443.46	5444.15	5442.82	5439.24	5439.93	5438.60	6					
PZ-N1-2	PZ-N1-02	650780	1193718	5444.81	5445.74	5443.55	5440.59	5441.52	5439.33	6					
PZ-N2-1	PZ-N2-01	650717	1193568	5444.31	5444.60	5441.95	5440.09	5440.38	5437.73	6					
PZ-N2-2	PZ-N2-02	650728	1193723	5446.08	5446.77	5444.94	5441.86	5442.55	5440.72	6					
PZ-N3-1	PZ-N3-01	650804	1193907	5444.58	5445.43	5443.41	5440.36	5441.21	5439.19	6					
PZ-N3-2	PZ-N3-02	650787	1193789	5444.77	5445.46	5443.46	5440.55	5441.24	5439.24	6					
PZ-N4-1	PZ-N4-01	650713	1193909	5446.41	5447.05	5445.29	5442.19	5442.83	5441.07	6					
PZ-N4-2	PZ-N4-02	650733	1193790	5446.26	5447.19	5445.40	5442.04	5442.97	5441.18	6					
PZ-N4-CO		650736	1193901	5445.70	5446.60	5444.96	5441.48	5442.38	5440.74	6					
PZ-N5-1	PZ-N5-01	650648	1193930	5446.95	5447.65	5445.61	5442.73	5443.43	5441.39	6					
PZ-N5-2	PZ-N5-02	650640	1193846	5447.03	5447.76	5446.00	5442.81	5443.54	5441.78	6					
PZ-N5-3	PZ-N5-03; N5-PZ03	650589	1193958	5446.45	5447.30	5444.54	5442.23	5443.08	5440.32	6	5431.1	5421.1	9.3	19.3	
PZ-N6-1	PZ-N6-01	650810	1194003	5444.14	5444.86	5442.68	5439.92	5440.64	5438.46	6					
PZ-N6-2	PZ-N6-02	650798	1194078	5443.16	5444.03	5442.52	5438.94	5439.81	5438.30	6					
PZ-N7-1	PZ-N7-01	650722	1194124	5444.80	5445.57	5443.09	5440.58	5441.35	5438.87	6					
PZ-N7-2	PZ-N7-02	650703	1193988	5445.25	5446.01	5444.36	5441.03	5441.79	5440.14	6					
PZ-N8-1	PZ-N8-01	650638	1193990	5445.54	5446.51	5444.38	5441.32	5442.29	5440.16	6					
PZ-N8-2	PZ-N8-02	650622	1194122	5445.32	5446.04	5443.76	5441.10	5441.82	5439.54	6					
PZ-N9-1	PZ-N9-01	650521	1194056	5445.91	5447.56	5444.77	5441.69	5443.34	5440.55	6					
PZ-N9-2	PZ-N9-02	650510	1194130	5447.35	5447.49	5444.62	5443.13	5443.27	5440.40	6					
PZ-N9-3	PZ-N9-03; N9-PZ03	650522	1194027	5448.66	5448.97	5445.83	5444.44	5444.75	5441.61	6	5427.6	5417.6	14.0	24.0	

**Table B-1. Montana Pole Treatment Plant Well Information**

Well Name	Alias Names	Northing NAD83 FT	Easting NAD83 FT	Top of PVC Elevation NAVD88 FT	Top of Casing Elevation NAVD88 FT	Ground Elevation NAVD88 FT	Top of PVC Elevation NGVD29 FT	Top of Casing Elevation NGVD29 FT	Ground Elevation NGVD29 FT	Casing Diameter IN	Top of Screen NGVD29 FT	Bottom of Screen NGVD29 FT	Top of Screen FT BGS	Bottom of Screen FT BGS	Comments
PZ-S1-01	S101	650168	1193796	5454.60	5454.66	5451.54	5450.38	5450.44	5447.32	6					
PZ-S1-02	S102	650142	1193916	5453.89	5453.76	5450.42	5449.67	5449.54	5446.20	6					
PZ-S1-03	S103	649988	1193926	5455.00	5455.11	5452.18	5450.78	5450.89	5447.96	6					
PZ-S1-04	S104	650107	1193781	5455.50	5455.42	5451.96	5451.28	5451.20	5447.74	6					
PZ-S2-01	S201	650232	1194088	5450.82	5451.02	5449.32	5446.60	5446.80	5445.10	6					
PZ-S2-02	S202	650133	1193968	5451.46	5451.56	5447.82	5447.24	5447.34	5443.60	6					
PZ-S2-03	S203	650071	1194125	5454.91	5455.03	5452.29	5450.69	5450.81	5448.07	6					
PZ-S3-01	S301	650265	1194171	5451.87	5452.09	5449.80	5447.65	5447.87	5445.58	6					abandoned
PZ-S3-02	S302	650136	1194166	5455.55	5455.69	5452.32	5451.33	5451.47	5448.10	6					
PZ-S3-03	S303	650075	1194319	5455.04	5455.03	5452.40	5450.82	5450.81	5448.18	6					
PZ-S3-04	S304	650248	1194219	5454.45		5448.88	5450.23		5444.66	4					
PZ-S3-05	S305	650267	1194166	5453.03		5449.77	5448.81		5445.55	4					
PZ-S4-01	S401	650014	1193998	5453.28	5453.36	5450.01	5449.06	5449.14	5445.79	6					
PZ-S4-02	S402	649964	1194148	5455.69	5456.63	5453.55	5451.47	5452.41	5449.33	6					
PZ-S4-03	S403	649841	1194075	5459.00	5458.82	5455.31	5454.78	5454.60	5451.09	6					
PZ-S5-01	S501	650024	1194238	5456.08	5456.19	5453.56	5451.86	5451.97	5449.34	6					
PZ-S5-02	S502	649928	1194194	5456.67	5456.71	5453.26	5452.45	5452.49	5449.04	6					
PZ-S5-03	S503	649866	1194246	5460.62	5460.69	5456.38	5456.40	5456.47	5452.16	6					
PZ-S6-01	S601	650028	1194284	5455.90	5456.25	5453.79	5451.68	5452.03	5449.57	6					
PZ-S6-02	S602	649940	1194279	5456.15	5456.73	5453.90	5451.93	5452.51	5449.68	6					
PZ-S6-03	S603	649860	1194394	5458.48	5458.75	5454.69	5454.26	5454.53	5450.47	6					
PZ-S7-01	S701	649827	1194070	5459.19	5459.21	5455.75	5454.97	5454.99	5451.53	6					
PZ-S7-02	S702	649811	1194250	5459.76	5459.94	5455.38	5455.54	5455.72	5451.16	6					
PZ-S7-03	S703	649710	1194246	5460.66	5460.82	5457.32	5456.44	5456.60	5453.10	6					
PZ-S8-01	S801	649819	1194393	5458.24	5458.29	5454.86	5454.02	5454.07	5450.64	6					
PZ-S8-02	S802	649716	1194301	5458.61	5458.80	5456.31	5454.39	5454.58	5452.09	6					
PZ-S8-03	S803	649631	1194346	5459.74	5459.99	5457.64	5455.52	5455.77	5453.42	6					

## **OFF-SITE MONITORING LOCATIONS**

**Table B-2. Off-Site Well Information**

Well Name	Northing NAD83 FT	Easting NAD83 FT	Measuring Point Elevation NGVD29 FT	Screened Interval FT	Top of Screen FT BGS	Bottom of Screen FT BGS	Elevation Top of Screen NGVD29 FT	Elevation Bottom of Screen NGVD29 FT	Aquifer Screened
AMC-06	654385	1205161	5489.60	53-63	53	63	5434.60	5424.60	Alluvium
AMC-12	653444	1203350	5479.65	35-45	35	45	5442.65	5432.65	Alluvium
AMC-13	652053	1203027	5475.45	47-55	47	55	5426.45	5418.45	Alluvium
AMC-23	651533	1198901	5448.25	19-29	19	29	5427.25	5417.25	Alluvium
AMC-24	650908	1198982	5452.01	13-23	13	23	5437.01	5427.01	Alluvium
AMC-24B	650909	1198990	5451.77	40.5-50.5	40.5	50.5	5409.27	5399.27	Alluvium
AMW-01	653284	1201807	5465.40	3-13	3	13	5460.40	5450.40	Alluvium
AMW-01B	653300	1201822	5465.38	33-43	33	43	5430.38	5420.38	Alluvium
AMW-01C	653292	1201814	5465.38	87-97	87	97	5376.38	5366.38	Alluvium
AMW-02	651598	1196998	5448.35	10-20	10	20	5436.35	5426.35	Alluvium
AMW-08	654315	1203321	5496.05	30-45	30	45	5464.05	5449.05	Alluvium
AMW-11	650816	1197600	5445.60	4-14	4	14	5439.60	5429.60	Alluvium
AMW-12	651119	1200739	5460.50	7-22	7	22	5451.50	5436.50	Alluvium
AMW-13	650633	1198110	5450.76	5-15	5	15	5443.76	5433.76	Alluvium
AMW-13B	650646	1198100	5450.79	27-28.5	27	28.5	5421.79	5420.29	Alluvium
BMW-01A	650960	1192703	5430.14	22-32	22	32	5406.14	5396.14	
BMW-02A	651941	1191155	5423.31	13-19	13	19	5408.31	5402.31	Alluvium
BMW-02B	651937	1191140	5423.14	45-55	45	55	5376.14	5366.14	Bedrock
BMW-02D	651910	1191149	5423.01	186-196	186	196	5235.01	5225.01	Bedrock
BMW-03A	651982	1190741	5419.06	14-19	14	19	5403.06	5398.06	Weathered Bedrock
BMW-03B	651997	1190737	5419.02	36-50	36	50	5381.02	5367.02	Bedrock
BMW-04B	652115	1190812	5419.34	27-37	27	37	5390.34	5380.34	Bedrock
BMW-05A	651117	1191758	5434.95	5-8	5	8	5427.95	5424.95	Alluvium
BMW-05B	651127	1191742	5436.09	37-57	37	57	5397.09	5377.09	Bedrock
BMW-06B	652469	1190858	5426.20	59-79	59	79	5365.20	5345.20	Bedrock
BMW-08A	652059	1194702	5445.48	5-11	5	11	5438.48	5432.48	Alluvium
BMW-13B	651413	1192895	5428.84	45-65	45	65	5381.84	5361.84	Bedrock
BPS07-01A	651664	1203626	5475.07	12-22	12	22	5461.07	5451.07	Alluvium
BPS07-01B	651677	1203626	5474.96	29-39	29	39	5443.96	5433.96	Alluvium
BPS07-03A	651151	1198229	5448.57	9-19	9	19	5437.57	5427.57	Alluvium
BPS07-05A	649883	1201801	5459.00	9-19	9	19	5448.00	5438.00	Alluvium
BPS07-05B	649884	1201790	5458.41	68-78	68	78	5388.41	5378.41	Alluvium
BPS07-07	651173	1197527	5444.33	7-17	7	17	5435.33	5425.33	Alluvium

**Table B-2. Off-Site Well Information**

Well Name	Northing NAD83 FT	Easting NAD83 FT	Measuring Point Elevation NGVD29 FT	Screened Interval FT	Top of Screen FT BGS	Bottom of Screen FT BGS	Elevation Top of Screen NGVD29 FT	Elevation Bottom of Screen NGVD29 FT	Aquifer Screened
BPS07-08A	651927	1196284	5446.31	9-19	9	19	5435.31	5425.31	Alluvium
BPS07-09A	651947	1195666	5444.70	10.4-20.4	10.4	20.4	5432.30	5422.30	Alluvium
BPS07-11A	652881	1202376	5468.83	14-24	14	24	5452.83	5442.83	Alluvium
BPS07-11B	652882	1202365	5468.62	35-45, 39-49	35	45	5431.62	5421.62	Alluvium
BPS07-13A	651642	1196255	5459.41	23-33	23	33	5434.41	5424.41	Alluvium
BPS07-14A	651799	1195643	5456.94	15-25	15	25	5439.94	5429.94	Waste/Slag
BPS07-15A	651689	1195951	5455.22	15-35	15	35	5438.22	5418.22	Waste/Slag
BPS07-16A	650001	1200086	5452.17	9-19	9	19	5441.17	5431.17	Alluvium
BPS07-16B	650016	1200086	5452.36	30-40	30	40	5420.36	5410.36	Alluvium
BPS07-17A	652093	1190547	5425.48	9-19	9	19	5414.48	5404.48	Alluvium
BPS07-18A	652111	1190443	5425.97	9-19	9	19	5414.97	5404.97	Alluvium
BPS07-18B	652114	1190427	5426.22	32-42	32	42	5392.22	5382.22	Bedrock
BPS07-21	651089	1197902	5453.16	13-23	13	23	5438.16	5428.16	Alluvium
BPS07-22	651262	1197908	5447.04	7-17	7	17	5438.04	5428.04	Alluvium
BPS07-23	651324	1197538	5446.69	7-17	7	17	5437.69	5427.69	Alluvium
BT-98-02	650476	1200255	5456.74	14-19	14	19	5440.74	5435.74	Alluvium
BT-98-02B	650481	1200136	5455.00	32-42	32	42	5421.00	5411.00	Alluvium
CT-84-1	651693	1193697	5440.61	11-16	11	16	5427.61	5422.61	Alluvium
CT-94-1	651128	1192376	5427.94	11-24	11	24	5414.94	5401.94	Alluvium
FP98-1	651472	1195210	5438.10	4-6	4	6	5432.10	5430.10	Alluvium
FP98-2	651574	1195030	5438.03	3-18	3	18	5433.03	5418.03	Alluvium
FP98-3	651121	1195161	5441.15	3-5	3	5	5436.15	5434.15	Alluvium
FP98-4	651063	1194512	5437.08	5-15	5	15	5430.08	5420.08	Alluvium
FP98-5	651312	1194489	5435.18	5-15	5	15	5428.18	5418.18	Alluvium
FP98-6	651619	1191607	5425.64	5-15	5	15	5418.64	5408.64	Alluvium
FP98-7	651417	1191590	5427.29	5-15	5	15	5420.29	5410.29	Alluvium
FP98-8	651662	1191044	5426.35	2.25-4.25	2.25	4.25	5422.10	5420.10	Alluvium
FP98-9	651846	1191122	5422.76	5-15	5	15	5415.76	5405.76	Alluvium
GS-08	651618	1200372	5457.18	127-145	127	145	5328.18	5310.18	Alluvium
GS-09	651614	1200379	5457.67	60-75	60	75	5395.67	5380.67	Alluvium
GS-11	651610	1200373	5457.38	8-18	8	18	5447.38	5437.38	Alluvium
GS-12	651901	1194639	5442.71	19-29	19	29	5421.71	5411.71	Alluvium
GS-13A	651972	1195558	5439.65	8-18	8	18	5429.65	5419.65	Alluvium

**Table B-2. Off-Site Well Information**

Well Name	Northing NAD83 FT	Easting NAD83 FT	Measuring Point Elevation NGVD29 FT	Screened Interval FT	Top of Screen FT BGS	Bottom of Screen FT BGS	Elevation Top of Screen NGVD29 FT	Elevation Bottom of Screen NGVD29 FT	Aquifer Screened
GS-13B	651976	1195540	5437.70	24-28,31-32	24	32	5411.70	5403.70	Alluvium
GS-16	651697	1194070	5437.11	11-16	11	16	5424.11	5419.11	Alluvium
GS-17DR	651315	1194113	5440.00	18-28	18	28	5420.00	5410.00	Alluvium
GS-19	651481	1194387	5441.72	13-18	13	18	5426.72	5421.72	Alluvium
GS-20	652209	1194568	5450.69	18-23	18	23	5430.69	5425.69	Alluvium
GS-23	651199	1191651	5437.14	14-19	14	19	5421.14	5416.14	Alluvium
GS-24D	651674	1193368	5433.57	9-14	9	14	5422.57	5417.57	Alluvium
GS-25	651656	1192704	5427.87	4-9	4	9	5421.87	5416.87	Alluvium
GS-25C	651648	1192721	5429.59	84-94	84	94	5343.59	5333.59	Weathered Bedrock
GS-25D	651669	1192710	5428.74	166-176	166	176	5260.74	5250.74	Bedrock
GS-26	652248	1190765	5418.55	9-14	9	14	5407.55	5402.55	Alluvium
GS-28	650317	1198608	5446.28	6-11	6	11	5438.28	5433.28	Alluvium
GS-29SR	651277	1196900	5444.57	8-13	8	13	5434.57	5429.57	Alluvium
GS-30D	651783	1200332	5456.22	28.5-38.5	28.5	38.5	5425.72	5415.72	Alluvium
GS-30S	651778	1200333	5456.55	14-20	14	20	5440.55	5434.55	Alluvium
GS-31D	651284	1200401	5451.75	29-39	29	39	5420.75	5410.75	Alluvium
GS-31S	651287	1200397	5451.72	15-20	15	20	5434.72	5429.72	Alluvium
GS-32D	651937	1200209	5450.71	27-37	27	37	5421.71	5411.71	Alluvium
GS-32S	651939	1200205	5449.94	27-37	27	37	5420.94	5410.94	Alluvium
GS-34D	651340	1193373							
GS-34S	651340	1193373	5433.43	12-17	12	17	5419.43	5414.43	Alluvium
GS-40R	654152	1203901	5481.38	52-62	52	62	5427.38	5417.38	Alluvium
GS-41D	654000	1202636	5491.52	51-61	51	61	5438.52	5428.52	Alluvium
GS-41S	653995	1202622	5492.04	34-39	34	39	5456.04	5451.04	Alluvium
GS-42D	653584	1202217	5471.32	47-57	47	57	5422.32	5412.32	Alluvium
GS-42S	653593	1202213	5471.46	13-18	13	18	5456.46	5451.46	Alluvium
GS-44D	652518	1203257	5478.41	47.3-57.3	47.3	57.3	5429.11	5419.11	Alluvium
GS-44DR	652518	1203257	5478.41	50-60	50	60	5426.41	5416.41	Alluvium
GS-44S	652515	1203244	5478.24	20-25	20	25	5456.24	5451.24	Alluvium
GS-46D	652828	1204595	5486.03	51-61	51	61	5433.03	5423.03	Alluvium
GS-46S	652819	1204594	5486.18	25-30	25	30	5459.18	5454.18	Alluvium
GW-06R	651248	1192710	5430.34	10-20	10	20	5418.34	5408.34	Alluvium
HCA-B1	652241	1190738	5423.31	40-50	40	50	5381.31	5371.31	Bedrock

**Table B-2. Off-Site Well Information**

Well Name	Northing NAD83 FT	Easting NAD83 FT	Measuring Point Elevation NGVD29 FT	Screened Interval FT	Top of Screen FT BGS	Bottom of Screen FT BGS	Elevation Top of Screen NGVD29 FT	Elevation Bottom of Screen NGVD29 FT	Aquifer Screened
HCA-B2	652103	1190550	5425.83	25-35	25	35	5398.83	5388.83	Bedrock
HCA-MG1	652215	1194628	5456.75	17-27	17	27	5437.75	5427.75	Alluvium
M-01	651946	1192744	5429.34	5-8	5	8	5422.34	5419.34	Alluvium
MF-01	651209	1196922	5443.67						Alluvium
MF-02									Alluvium
MF-03	651631	1198487	5447.91	13-18	13	18	5432.91	5427.91	Alluvium
MF-05	653019	1200866	5467.24	12-17	12	17	5453.24	5448.24	Alluvium
MF-07	652461	1200840	5458.84	13-18	13	18	5443.84	5438.84	Alluvium
MF-08	651492	1199559	5449.61	9-14	9	14	5438.61	5433.61	Alluvium
MF-09	651542	1200555	5457.25	11-16	11	16	5444.25	5439.25	Alluvium
MF-10	651174	1199602	5452.32	12-17	12	17	5438.32	5433.32	Alluvium
MF-11	651754	1201144	5459.31	10-15	10	15	5447.31	5442.31	Alluvium
MSD-01A	652751	1201704	5463.15	6-16	6	16	5455.15	5445.15	Alluvium
MSD-01B	652771	1201714	5462.90	40-45	40	45	5420.90	5415.90	Alluvium
MSD-01C	652766	1201712	5463.07	110-115	110	115	5351.07	5346.07	Alluvium
MSD-02A	652538	1201168	5458.25	Shallow					Alluvium
MSD-02B	652542	1201168	5461.19	35-45	35	45	5424.19	5414.19	Alluvium
MSD-03	651963	1200703	5456.94	40-50	40	45	5414.94	5409.94	Alluvium
MSD-04	651764	1201144	5459.35	45-55	45	55	5412.35	5402.35	Alluvium
MSD-05	651778	1200321	5457.09	50-55	50	55	5405.09	5400.09	Alluvium
MSD-HCC									Drain Rock
MW-03-MPC				3-13	3	13			Alluvium
MW2-CGSB3	652300	1197966	5463.64	17-27	17	27	5444.64	5434.64	Alluvium
NE-2	652290	1192175	5432.39	15-20	15	20	5415.39	5410.39	Weathered Bedrock
NW-3	652413	1190869	5425.62	9-14	9	14	5414.62	5409.62	Alluvium
NW-4	652296	1190918	5422.20	10-20	10	20	5410.20	5400.20	Alluvium
Pump 1	651680	1193041							
Pump 2	651527	1193071							
Pump 3	651707	1192910							
S-2	651028	1192058	5435.91	25-28	25	28	5408.91	5405.91	Alluvium
S-5	651409	1191248	5437.25	16-23	16	23	5419.25	5412.25	Weathered Bedrock

## **SURFACE WATER LOCATIONS**

**Table B-3. Surface Water Monitoring Locations**

Name	GWIC ID	Northing NAD83 FT	Easting NAD83 FT
A1	249066	651835	1192171
A2	249067	651931	1191682
A3	249068	652055	1191177
B3	249072	651730	1192122
BRW-00		651765	1195013
BRW-01E		651527	1194383
BRW-01W		651447	1193703
C3	249097	651537	1192046
D2	249254	651761	1191567
D3	249114	651965	1191126
D4	249086	652105	1190838
HCC-01	249136	651324	1193745
HCC-01A	249137	651325	1193018
HCC-01B	249138	651330	1192930
HCC-02	249139	651784	1192636
HCC-02A	249140	651363	1192776
HCC-03	249141	651893	1192241
HCC-03A	249142	651937	1192151
HCC-04	249143	652070	1191787
HCC-04A	249144	652092	1191737
HCC-05	249145	652278	1191249
HCC-05A	249146	652299	1191204
HCC-06	249147	652340	1191045
HCC-06A	249148	652349	1191006
HCC-07	249149	652186	1190717
MSDCL-02A		652973	1201551
MSDCL-03A		652756	1201294
MSDCL-04A		652455	1200955
MSDCL-05A		652095	1200542
MSDCL-06A		651768	1200170
MSDCL-07A		651490	1199818
MSDCL-09A		651359	1199234
MSDCL-10A		651192	1198299
MSDSG-02		650307	1198679
MSDSG-03		649943	1199309
MSDSG-04		649220	1198374
MSDSG-05		650054	1199016
SS-01	123163	647349	1204428
SS-04	127593	651041	1197356
SS-05	127536	651484	1196594
SS-05.6		651870	1195719
SS-05.7	249185	651872	1195679
SS-05.9	249186	651835	1195582
SS-05A	249187	651693	1195315

**Table B-3. Surface Water Monitoring Locations**

Name	GWIC ID	Northing NAD83 FT	Easting NAD83 FT
SS-05B	249188	651532	1195128
SS-06A	217884	651140	1193381
SS-06G	249189	651955	1190610
SS-06GR	249190	651989	1190519
SS-06GR2	250012	651967	1190586
SS-07	4930	652039	1190390

**DATA REGARDING MEASURING POINTS FOR WATER LEVELS**

**Table B-4. Measuring Point Elevation Information**

Well	2009 Survey Top of PVC Elevation NGVD29 FT	Measuring Point Elevation Provided by Tom Bowler NGVD29 FT									Difference (PVC - Most Recent Measuring Point)
		1993	1998	1999	2000	2001	2001A	2004	2006	2007	
AW-02	5448.05				5447.87						0.18
<b>BMW-9A</b>	<b>5433.29</b>							<b>5432.38</b>			<b>0.91</b>
BMW-9B	5432.06							5431.86			0.20
Discharge Pipe	5428.42							5428.23			0.19
<b>GS-18R</b>	<b>5432.37</b>				<b>5431.85</b>						<b>0.52</b>
GS-22	5436.02				5435.81						0.21
GW-05	5454.68				5454.45						0.23
GW-08	5460.90				5460.68						0.22
GW-09	5450.04					5449.83					0.21
GW-10	5446.93				5446.65						0.28
GW-12	5438.06				5437.84						0.22
GW-13	5440.67				5440.48						0.19
GW-14R-98	5430.74				5430.51						0.23
GW-17	5440.67				5440.41						0.26
GW-21	5452.18				5452.02						0.16
GW-22R-98	5460.81				5460.60						0.21
HCA-21	5431.52				5431.31						0.21
INF-01	5440.24		5437.79	5440.80	5440.05						0.19
INF-02	5440.06		5437.40	5440.40	5439.86						0.20
INF-03	5440.10		5437.72	5440.70	5439.91						0.19
INF-04	5440.75		5435.66	5438.70	5440.57						0.18
INF-05	5440.85		5435.89	5438.90	5440.67						0.18
INF-06	5441.08		5436.22	5439.20	5440.90						0.18
INF-07	5439.56				5439.38						0.18
INF-08	5439.59				5439.41						0.18
INF-09	5439.59				5439.41						0.18
INF-10	5444.48					5444.3					0.21
INF-11	5445.22					5445.0					0.20
INF-12	5445.67					5445.5					0.21
INF-13	5451.13					5450.9					0.19

**Table B-4. Measuring Point Elevation Information**

Well	2009 Survey Top of PVC Elevation NGVD29 FT	Measuring Point Elevation Provided by Tom Bowler NGVD29 FT									Difference (PVC - Most Recent Measuring Point)
		1993	1998	1999	2000	2001	2001A	2004	2006	2007	
INF-14	5450.94					5450.8					0.19
INF-15	5449.19					5449.0					0.19
INF-16	5455.60					5451.2				5455.4	0.21
INF-17	5455.13					5451.0				5454.9	0.19
INF-18	5454.70					5450.9				5454.5	0.19
MANHOLE #2	5443.85				5443.65						0.20
MP-04	5438.46	5436.21			5438.26						0.20
MW-01	5438.39	5435.20			5438.17						0.22
MW-03	5440.75		5438.19		5438.57	5440.59					0.15
MW-09	5450.54					5450.33					0.21
MW-14	5451.23				5451.03						0.20
MW-87-3	5437.48				5437.27						0.21
MW-A-01	5439.84					5439.66					0.18
MW-A-04	5480.82							5480.7			0.16
MW-A-95	5447.03				5446.83						0.19
MW-A-96	5464.03				5463.82						0.21
MW-A-98	5435.48				5435.26						0.22
MW-A-99	5441.17				5440.95						0.22
MW-B-01	5437.97					5437.72					0.25
MW-B-04	5467.04							5466.8			0.21
MW-B-95	5446.68				5446.47						0.21
MW-B-96	5460.69				5460.48						0.21
MW-B-98	5439.55				5439.32						0.23
MW-B-99	5438.49		5439.96			5438.31					0.18
MW-C-01	5438.28					5438.03					0.25
MW-C-04	5468.45							5468.3			0.15
MW-C-96	5459.22				5459.01						0.21
MW-CT-01	5440.97				5440.80						0.17
MW-CT-02	5440.92				5440.77						0.15
MW-D-01	5437.82					5437.63					0.19

**Table B-4. Measuring Point Elevation Information**

Well	2009 Survey Top of PVC Elevation NGVD29 FT	Measuring Point Elevation Provided by Tom Bowler NGVD29 FT									Difference (PVC - Most Recent Measuring Point)
		1993	1998	1999	2000	2001	2001A	2004	2006	2007	
<b>MW-D-95</b>	<b>5485.47</b>				<b>5485.57</b>						<b>-0.10</b>
MW-D-96	5460.07				5459.86						0.21
MW-E-01	5436.37					5436.10					0.27
MW-E-96	5454.44				5454.23						0.21
MW-F-01	5438.21					5438.02					0.19
MW-F-95	5447.97				5447.79						0.18
MW-F-96	5465.64				5465.49						0.15
MW-G-01	5439.04					5438.87					0.17
MW-G-96	5475.93				5475.71						0.22
MW-H-01	5436.43					5436.22					0.21
MW-H-95	5443.93				5443.72						0.21
MW-H-96	5458.58				5458.36						0.22
<b>MW-I-01</b>	<b>5433.64</b>					<b>5433.27</b>					<b>0.37</b>
MW-I-96	5439.72				5439.51						0.21
MW-J-01	5435.15					5434.91					0.24
MW-J-96	5437.91				5437.70						0.21
MW-K-01	5435.41					5435.20					0.21
MW-K-96	5435.50				5435.28						0.22
MW-L-01	5440.14					5440.0					0.14
<b>MW-L-96</b>	<b>5434.04</b>				<b>5433.02</b>						<b>1.02</b>
MW-M-01	5438.93					5438.8					0.17
<b>MW-M-96</b>	<b>5434.18</b>				<b>5433.79</b>						<b>0.39</b>
MW-N-01	5441.29					5441.1					0.15
MW-O-01	5441.55					5441.4					0.15
MW-P-01	5442.37					5442.2					0.15
MW-Q-01	5449.96					5449.8					0.13
MW-R-01	5456.21					5456.08					0.13
MW-S-01	5448.34					5448.19					0.15
MW-S1	5438.95					5438.87					0.08
MW-T-01	5449.35					5449.18					0.17

**Table B-4. Measuring Point Elevation Information**

Well	2009 Survey Top of PVC Elevation NGVD29 FT	Measuring Point Elevation Provided by Tom Bowler NGVD29 FT									Difference (PVC - Most Recent Measuring Point)
		1993	1998	1999	2000	2001	2001A	2004	2006	2007	
MW-U-01	5453.19					5453					0.19
MW-V-01	5456.32					5456.14					0.18
MW-W-01	5448.27					5448.1					0.17
MW-X-01	5445.98					5445.78					0.20
MW-Y-01	5445.56					5445.38					0.18
NA-06-D	5439.81								5439.61		0.20
NA-06-I	5439.78								5439.58		0.20
NA-06-S	5439.83								5439.63		0.20
NB-06-D	5439.74								5439.54		0.20
NB-06-I	5439.71								5439.51		0.20
NB-06-S	5439.75								5439.54		0.20
NC-06-D	5436.78								5436.59		0.19
NC-06-I	5436.97								5436.77		0.20
NC-06-S	5437.05								5436.84		0.21
NCRTPZ-01	5438.12				5437.91						0.21
NCRTPZ-02	5437.81				5437.60						0.21
<b>NCRTPZ-03</b>	<b>5438.24</b>				<b>5437.75</b>						<b>0.49</b>
NCRTPZ-04	5436.97				5436.80						0.17
NCTR-1-1-D	5439.67								5439.48		0.19
NCTR-1-1-I	5439.90								5439.71		0.19
NCTR-1-1-S	5439.88								5439.69		0.19
NCTR-1-2-D	5440.12								5439.92		0.20
NCTR-1-2-I	5439.93								5439.74		0.19
NCTR-1-2-S	5440.16								5439.96		0.20
NCTR-2-1-D	5440.32								5440.12		0.20
NCTR-2-1-I	5440.29								5440.09		0.20
NCTR-2-1-S	5440.19								5439.98		0.21
NCTR-2-2-D	5440.35								5440.15		0.20
NCTR-2-2-I	5440.29								5440.08		0.20
NCTR-2-2-S	5440.30								5440.09		0.20

**Table B-4. Measuring Point Elevation Information**

Well	2009 Survey Top of PVC Elevation NGVD29 FT	Measuring Point Elevation Provided by Tom Bowler NGVD29 FT									Difference (PVC - Most Recent Measuring Point)
		1993	1998	1999	2000	2001	2001A	2004	2006	2007	
NCTR-3-1-D	5440.36								5440.13		0.23
NCTR-3-1-I	5440.37								5440.15		0.22
NCTR-3-1-S	5440.35								5440.13		0.22
NCTR-3-2-D	5440.28								5440.05		0.23
NCTR-3-2-I	5440.45								5440.22		0.23
NCTR-3-2-S	5440.30								5440.07		0.23
ND-06-D	5436.97								5436.78		0.20
ND-06-I	5437.03								5436.84		0.19
ND-06-S	5437.04								5436.84		0.20
NE-06-D	5435.57								5435.39		0.19
NE-06-I	5435.50								5435.30		0.20
NE-06-S	5435.53								5435.34		0.19
NF-06-D	5435.65								5435.41		0.25
NF-06-I	5435.68								5435.42		0.26
NF-06-S	5435.69								5435.43		0.26
NHRTPZ-04	5440.26				5440.09						0.17
PZ-N1-1	5439.24				5439.05						0.19
PZ-N1-2	5440.59				5440.39						0.20
PZ-N2-1	5440.09				5439.91						0.18
PZ-N2-2	5441.86				5441.67						0.19
PZ-N3-1	5440.36				5440.16						0.20
PZ-N3-2	5440.55				5440.36						0.19
PZ-N4-1	5442.19				5442.00						0.19
PZ-N4-2	5442.04				5441.86						0.18
PZ-N5-1	5442.73				5442.54						0.19
PZ-N5-2	5442.81				5442.63						0.18
PZ-N5-3	5442.23				5442.02						0.21
PZ-N6-1	5439.92				5439.72						0.20
PZ-N6-2	5438.94				5438.75						0.18
PZ-N7-1	5440.58				5440.34						0.24

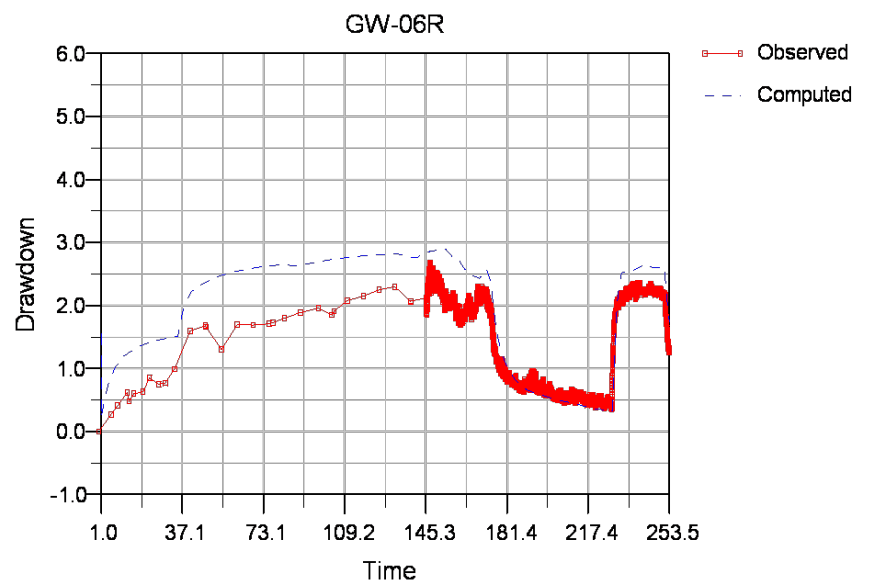
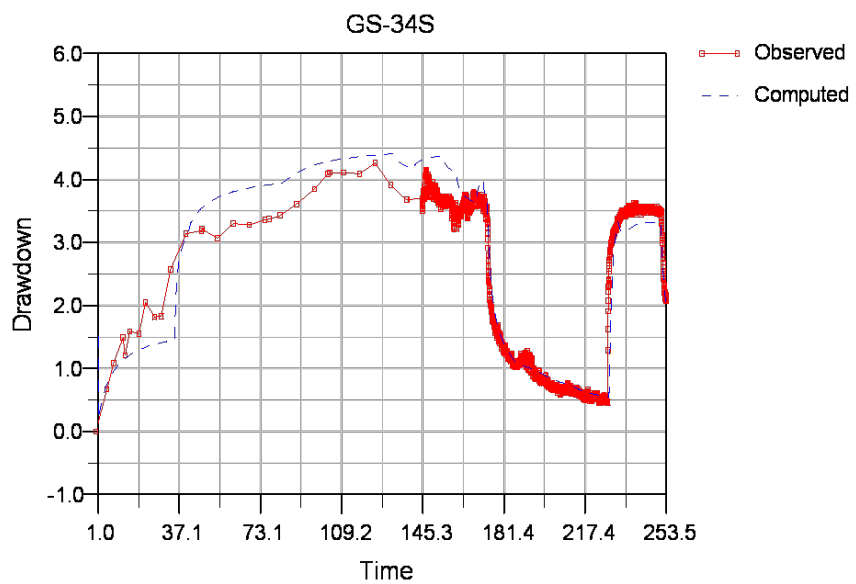
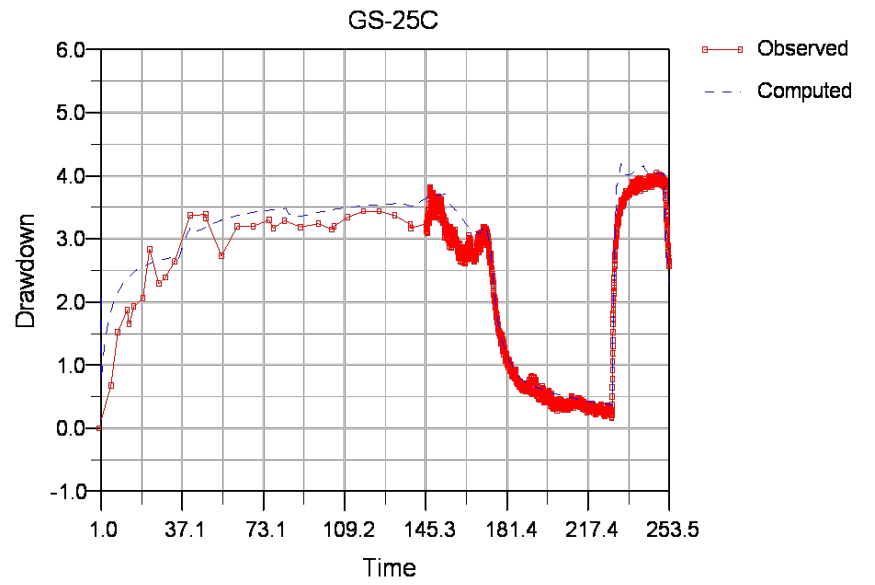
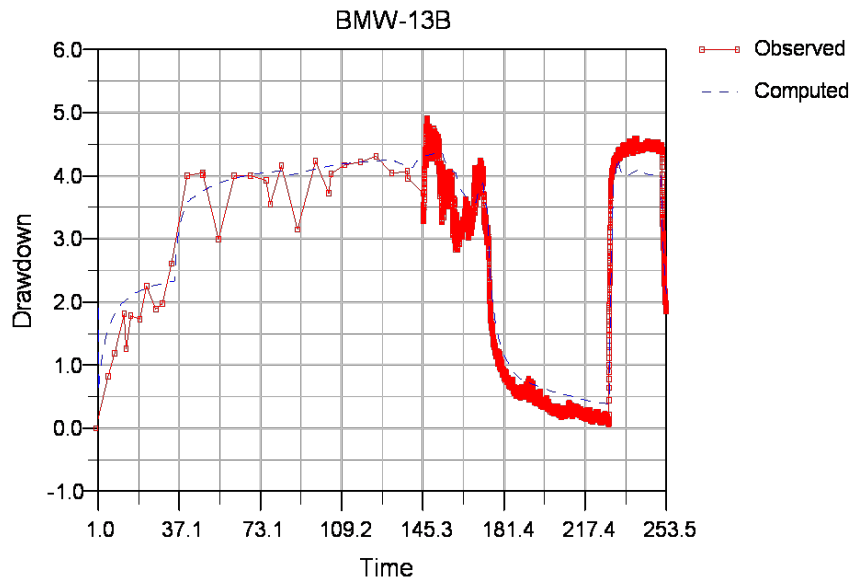
**Table B-4. Measuring Point Elevation Information**

Well	2009 Survey Top of PVC Elevation NGVD29 FT	Measuring Point Elevation Provided by Tom Bowler NGVD29 FT									Difference (PVC - Most Recent Measuring Point)
		1993	1998	1999	2000	2001	2001A	2004	2006	2007	
PZ-N7-2	5441.03				5440.84						0.19
PZ-N8-1	5441.32				5441.12						0.20
PZ-N8-2	5441.10				5440.95						0.15
PZ-N9-1	5441.69				5441.52						0.17
PZ-N9-2	5443.13				5442.94						0.19
PZ-N9-3	5444.44				5444.27						0.17
PZ-S1-01	5450.38					5445.56				5450.20	0.18
PZ-S1-02	5449.67					5444.58				5449.48	0.19
PZ-S1-03	5450.78					5441.84				5450.60	0.18
PZ-S1-04	5451.28									5451.13	0.15
PZ-S2-01	5446.60					5446.45					0.14
PZ-S2-02	5447.24					5444.30				5447.06	0.18
PZ-S2-03	5450.69					5450.51					0.18
PZ-S3-01	5447.65					5447.51				5447.40	0.25
PZ-S3-02	5451.33					5451.12					0.21
PZ-S3-03	5450.82					5450.71					0.11
PZ-S3-04	5450.23									5450.04	0.19
PZ-S3-05	5448.81									5448.62	0.19
PZ-S4-01	5449.06					5443.95	5443.05	5448.87			0.19
PZ-S4-02	5451.47					5451.31					0.16
PZ-S4-03	5454.78					5441.13	5445.43	5452.59		5454.59	0.19
PZ-S5-01	5451.86					5445.15	5451.71				0.15
PZ-S5-02	5452.45					5451.87	5452.41			5452.26	0.19
PZ-S5-03	5456.40					5451.50				5456.22	0.18
PZ-S6-01	5451.68					5445.52	5451.50				0.18
<b>PZ-S6-02</b>	<b>5451.93</b>					<b>5451.76</b>				<b>5453.75</b>	<b>-1.82</b>
PZ-S6-03	5454.26					5449.99	5451.77			5454.08	0.18
PZ-S7-01	5454.97					5441.54	5442.89	5452.40		5454.78	0.19
PZ-S7-02	5455.54					5451.56				5455.34	0.20
PZ-S7-03	5456.44					5454.03				5456.26	0.18

**Table B-4. Measuring Point Elevation Information**

Well	2009 Survey Top of PVC Elevation NGVD29 FT	Measuring Point Elevation Provided by Tom Bowler NGVD29 FT									Difference (PVC - Most Recent Measuring Point)
		1993	1998	1999	2000	2001	2001A	2004	2006	2007	
PZ-S8-01	5454.02					5450.80	5451.67			5453.83	0.19
PZ-S8-02	5454.39					5454.41	5454.22				0.17
PZ-S8-03	5455.52					5455.12	5455.33				0.19

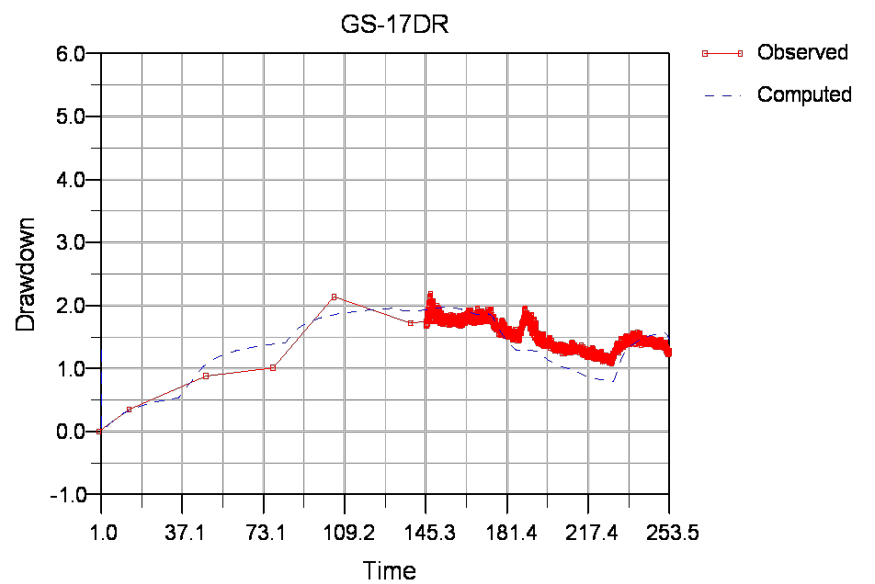
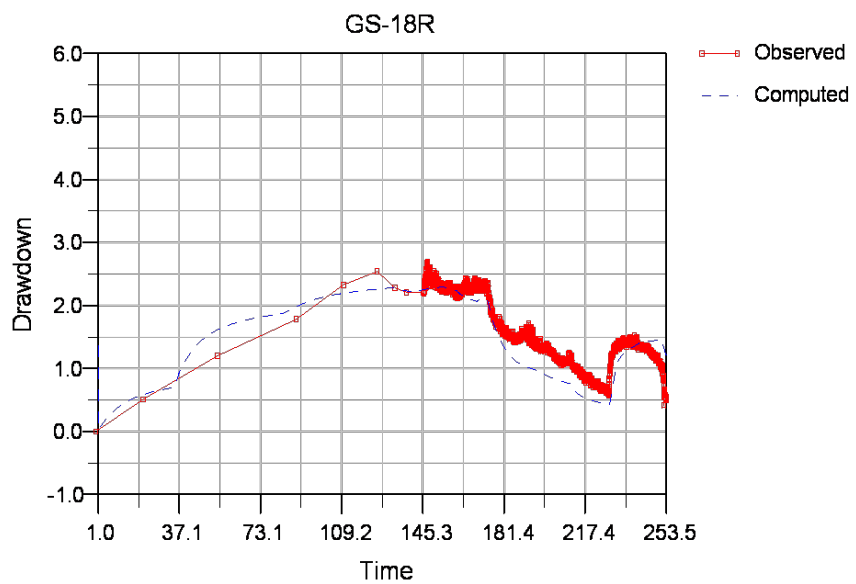
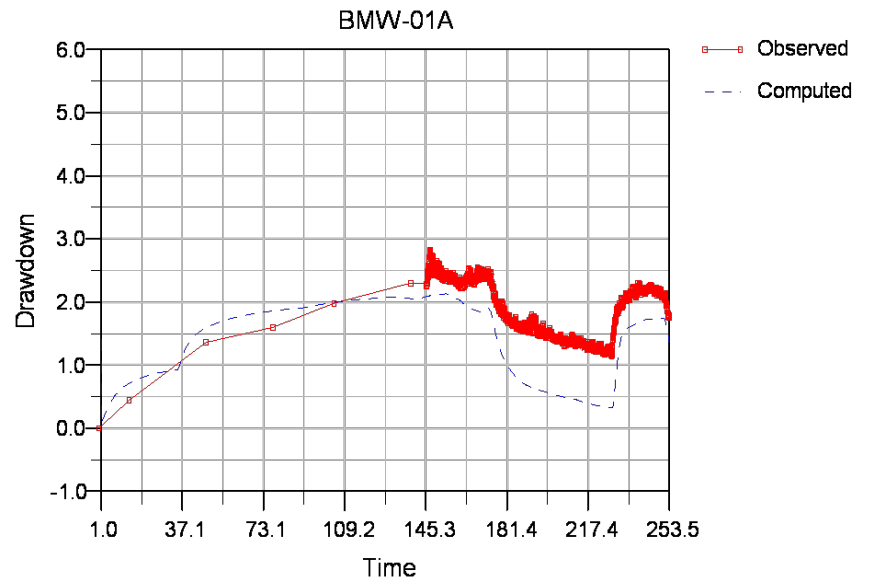
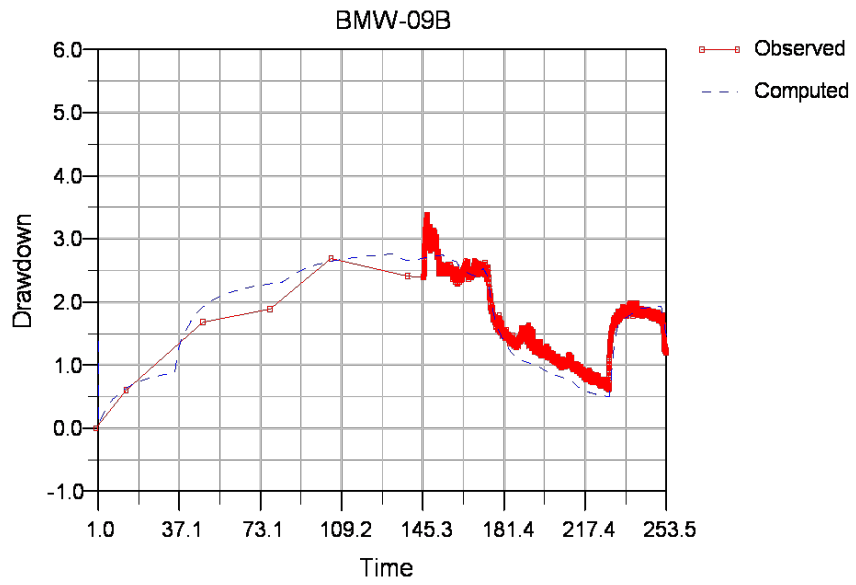
**APPENDIX C:**  
**TRANSIENT CALIBRATION HYDROGRAPHS**



Drawdown is in feet. Time represents days after Phase 1 dewatering began.

Figure C-1. Transient Calibration – Simulated versus Observed Change in Water Level (ft)  
Layer 3 Wells (Page 1 of 9)

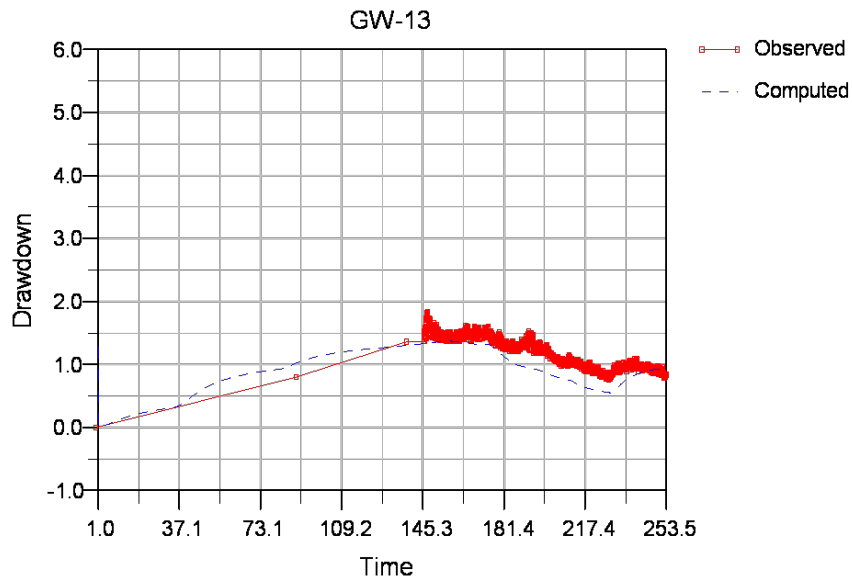
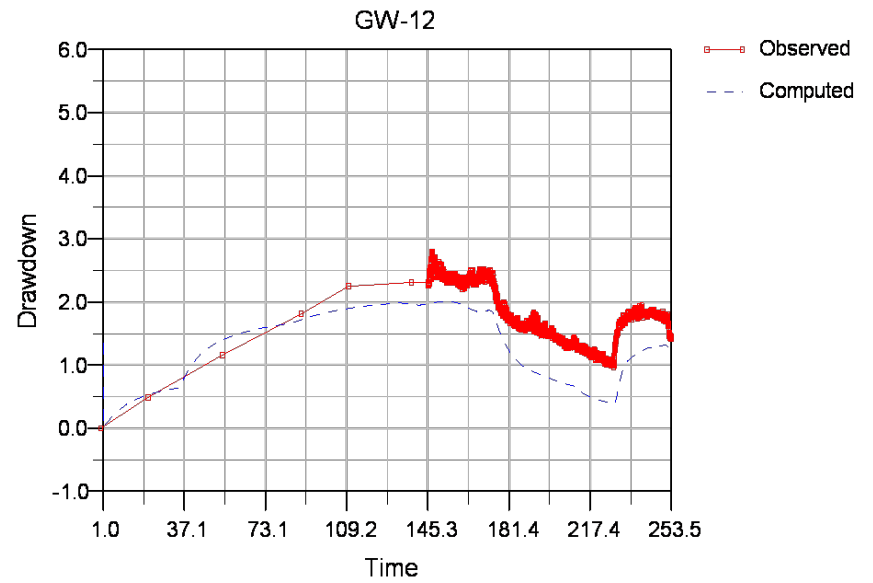
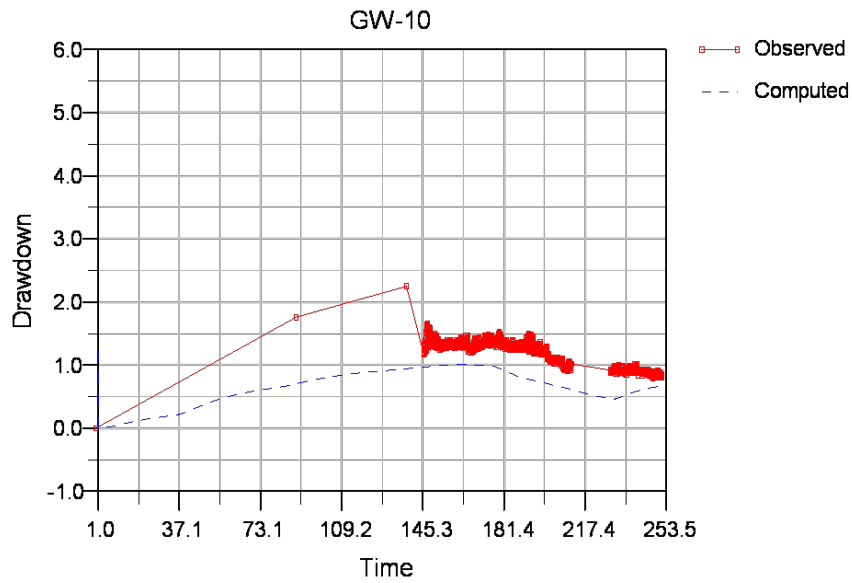




Drawdown is in feet. Time represents days after Phase 1 dewatering began.

Figure C-2. Transient Calibration – Simulated versus Observed Change in Water Level (ft)  
 Layer 3 Wells (Page 2 of 9)

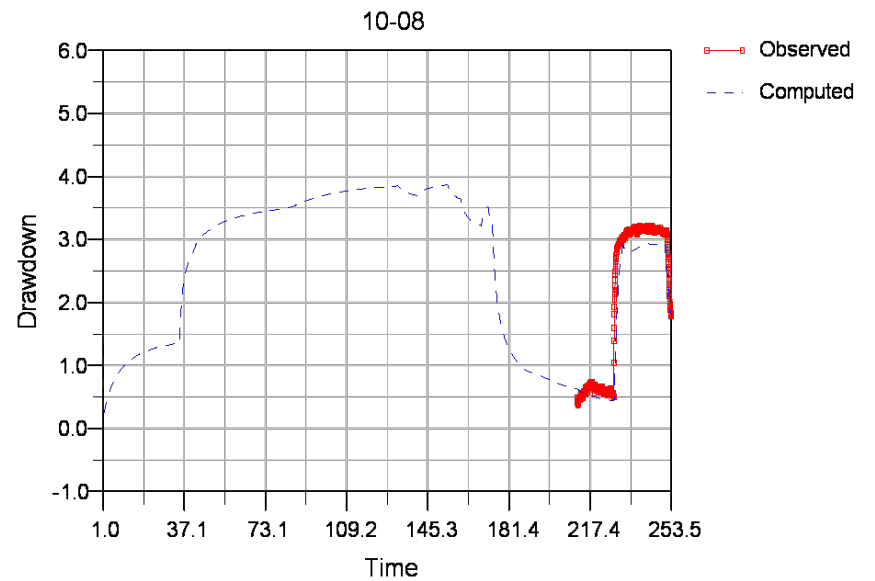
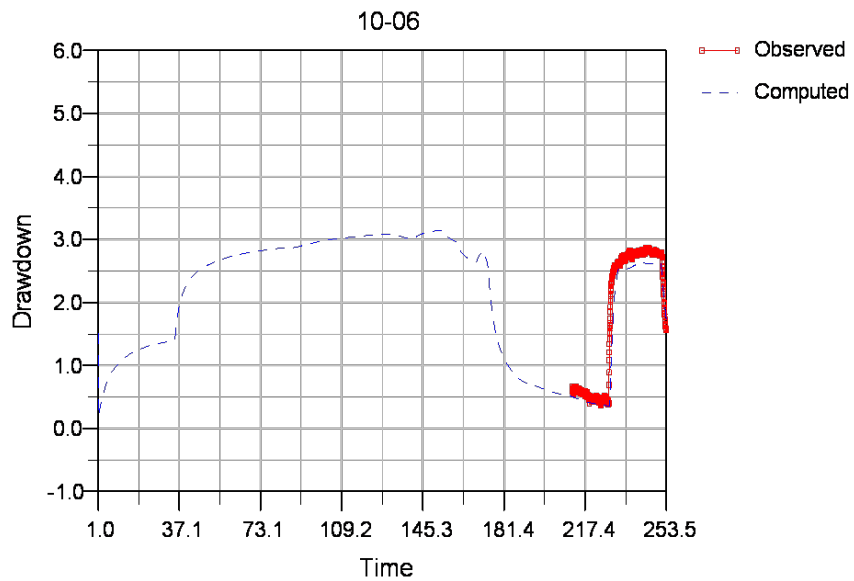
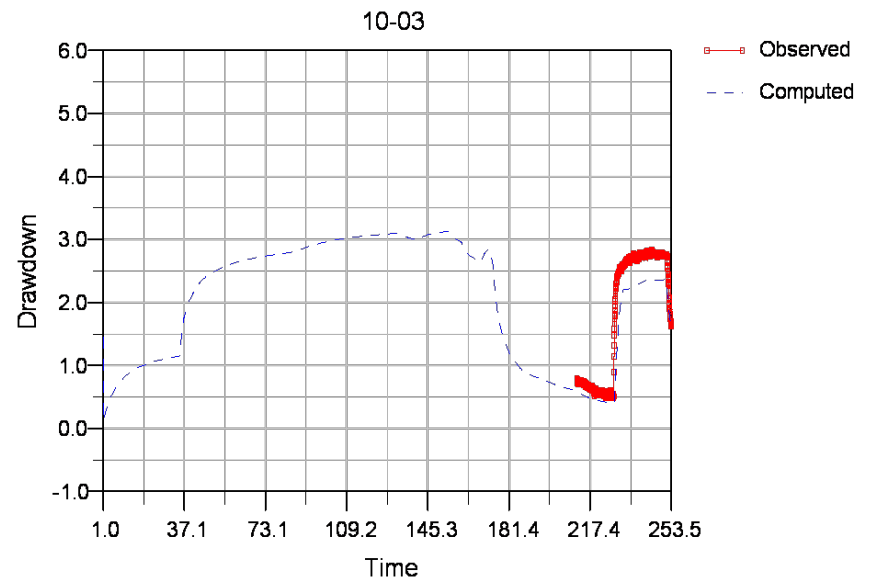
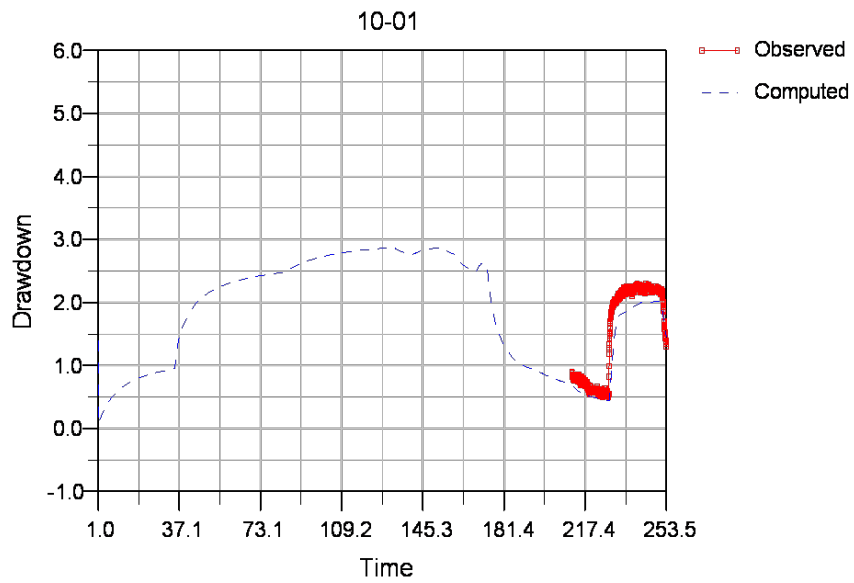




*Drawdown is in feet. Time represents days after Phase 1 dewatering began.*

Figure C-3. Transient Calibration – Simulated versus Observed Change in Water Level (ft)  
Layer 3 Wells (Page 3 of 9)

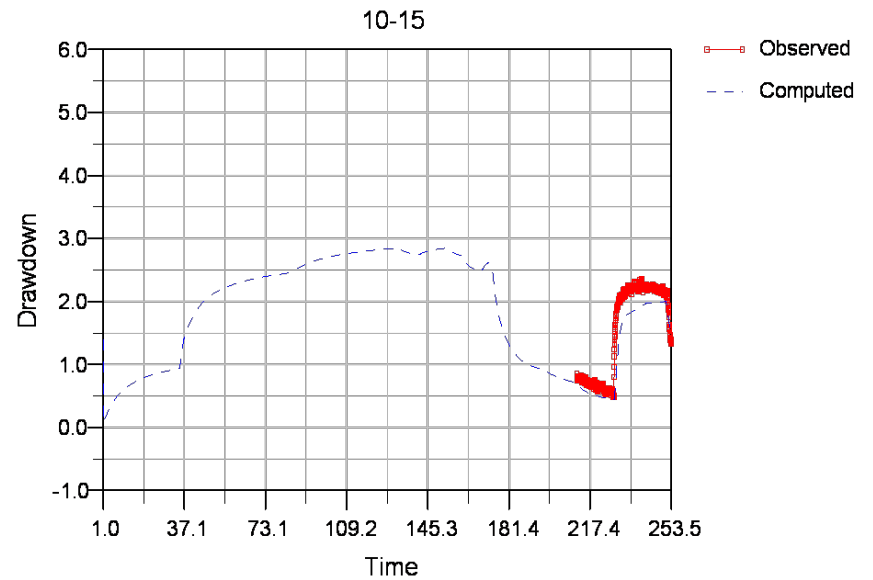
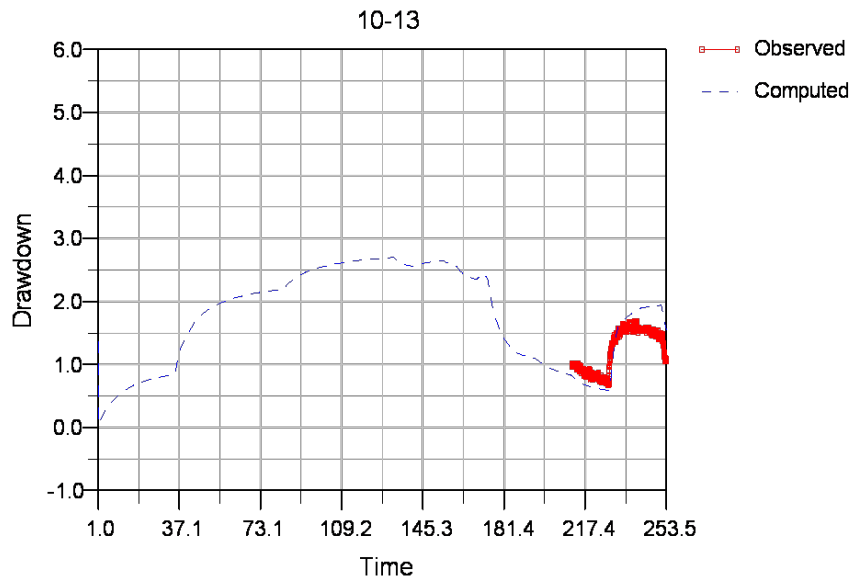
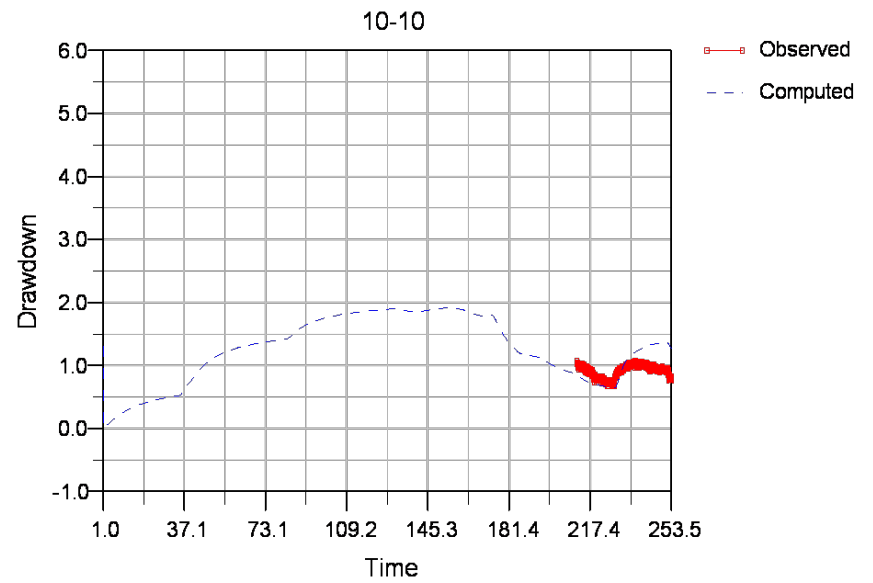
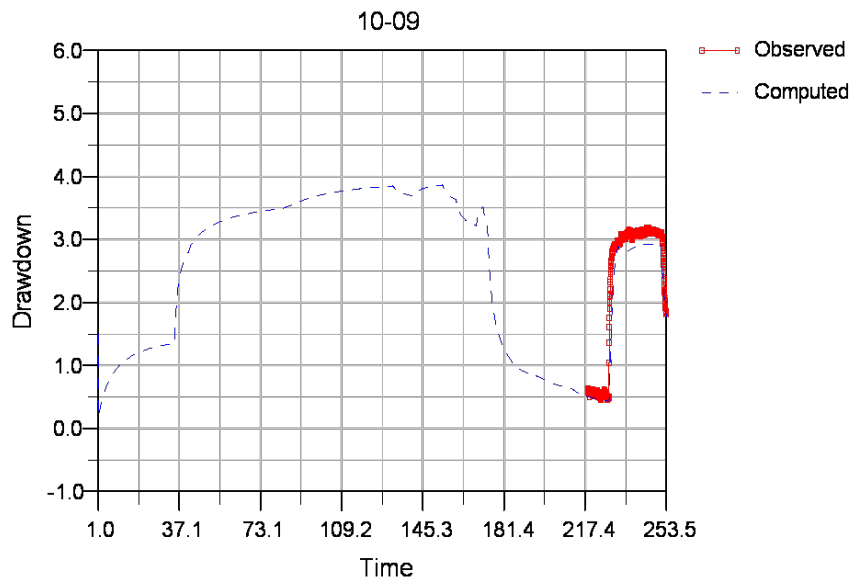




Drawdown is in feet. Time represents days after Phase 1 dewatering began.

Figure C-4. Transient Calibration – Simulated versus Observed Change in Water Level (ft)  
 Layer 3 Wells (Page 4 of 9)

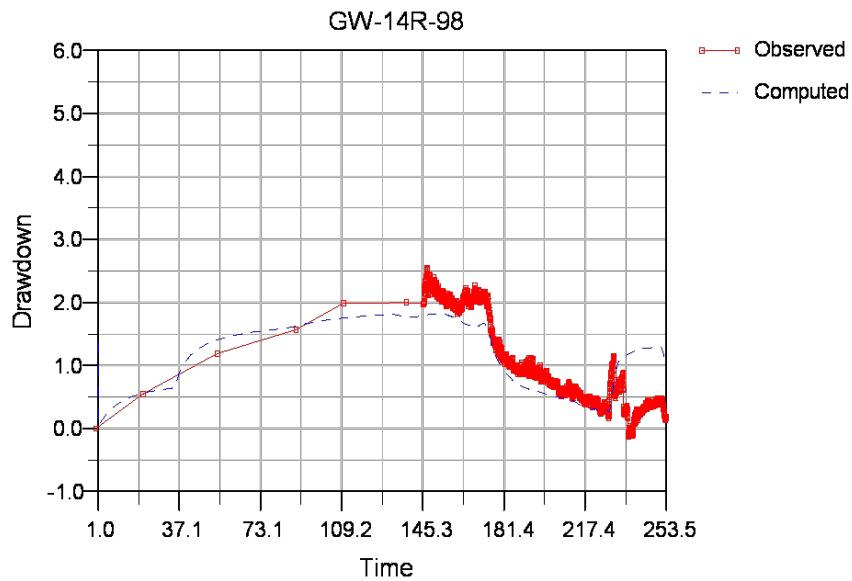
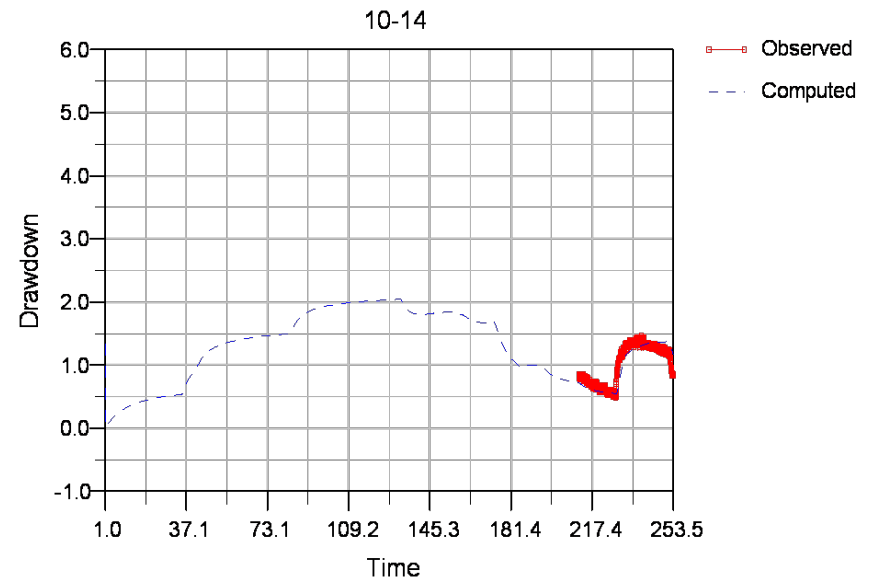
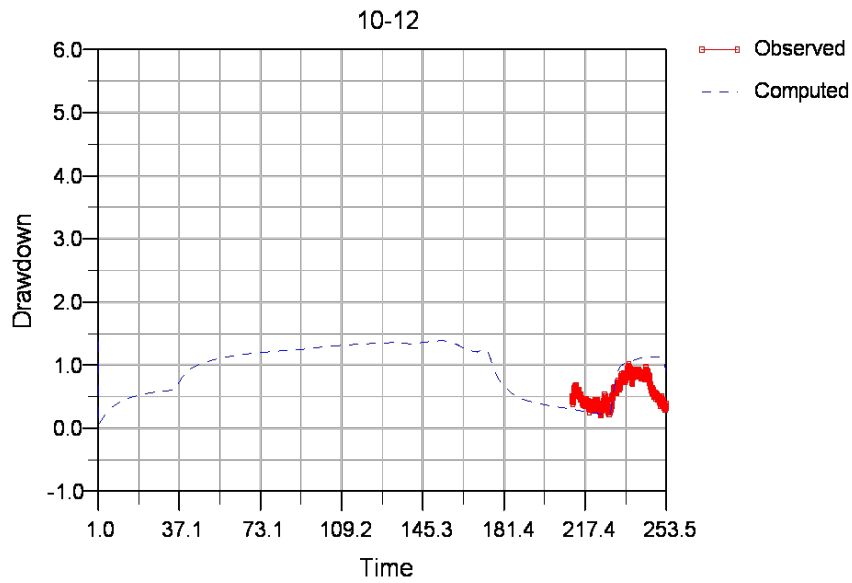




Drawdown is in feet. Time represents days after Phase 1 dewatering began.

Figure C-5. Transient Calibration – Simulated versus Observed Change in Water Level (ft)  
Layer 3 Wells (Page 5 of 9)

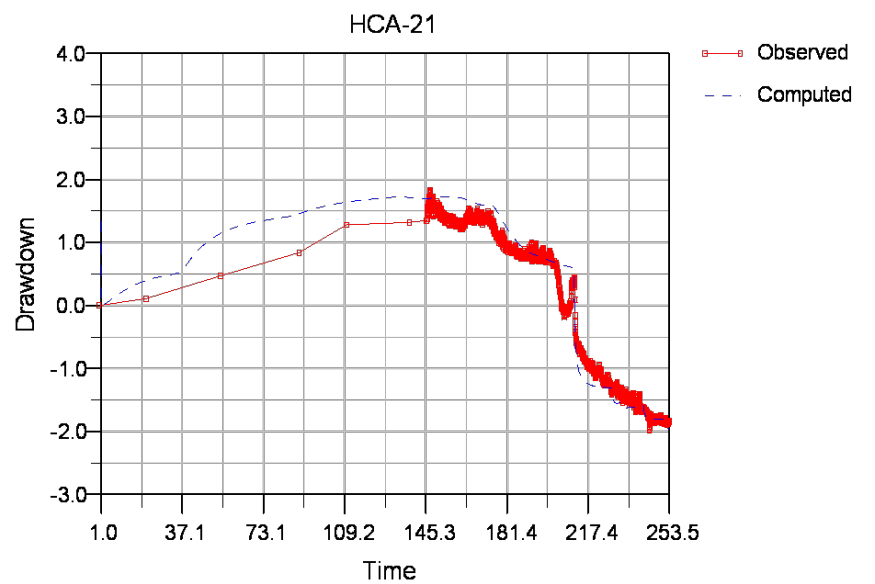
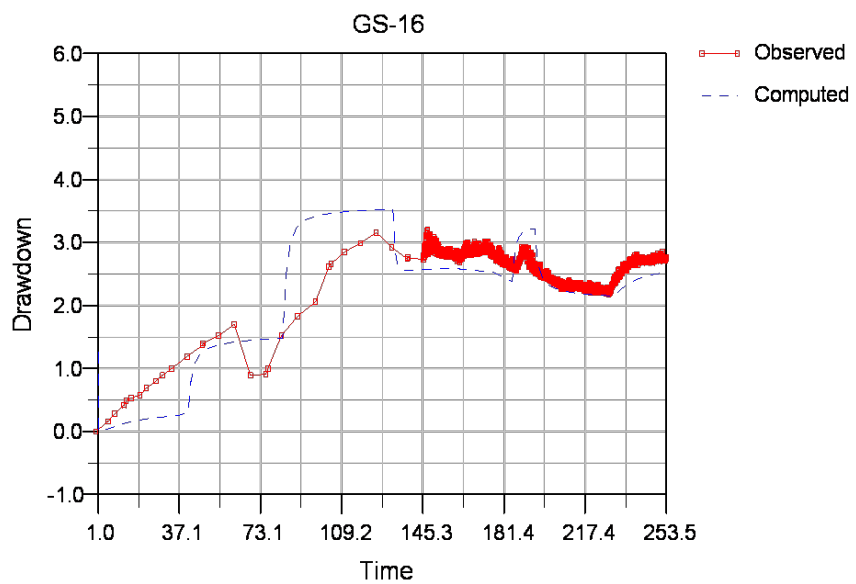
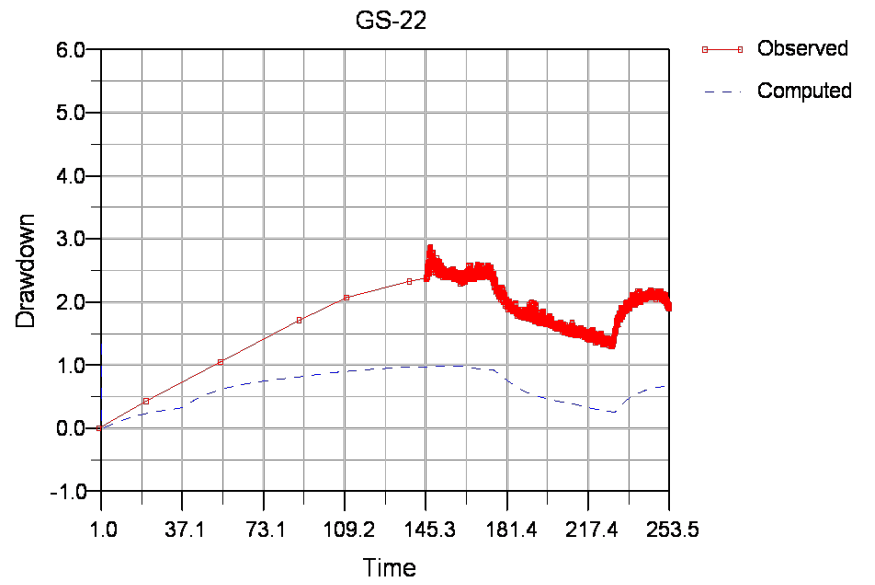
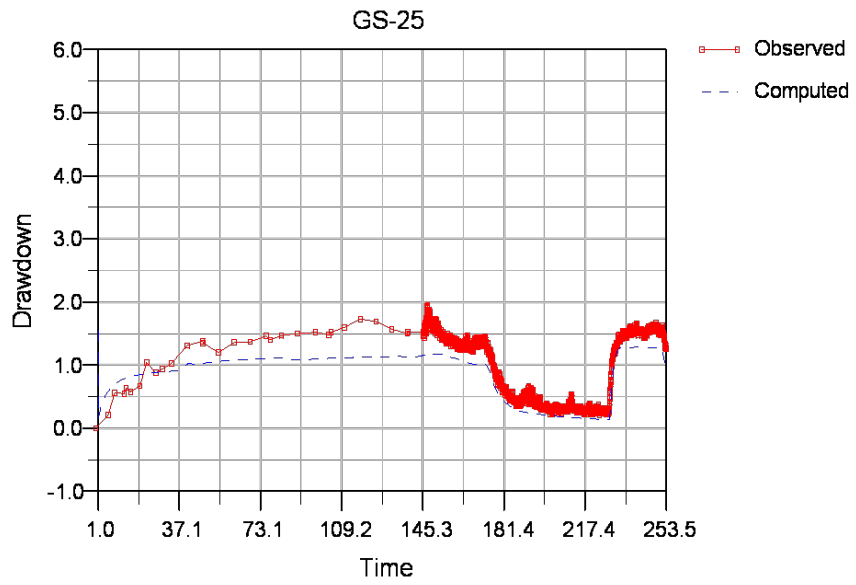




*Drawdown is in feet. Time represents days after Phase 1 dewatering began.*

Figure C-6. Transient Calibration – Simulated versus Observed Change in Water Level (ft)  
Layer 2 Wells (Page 6 of 9)

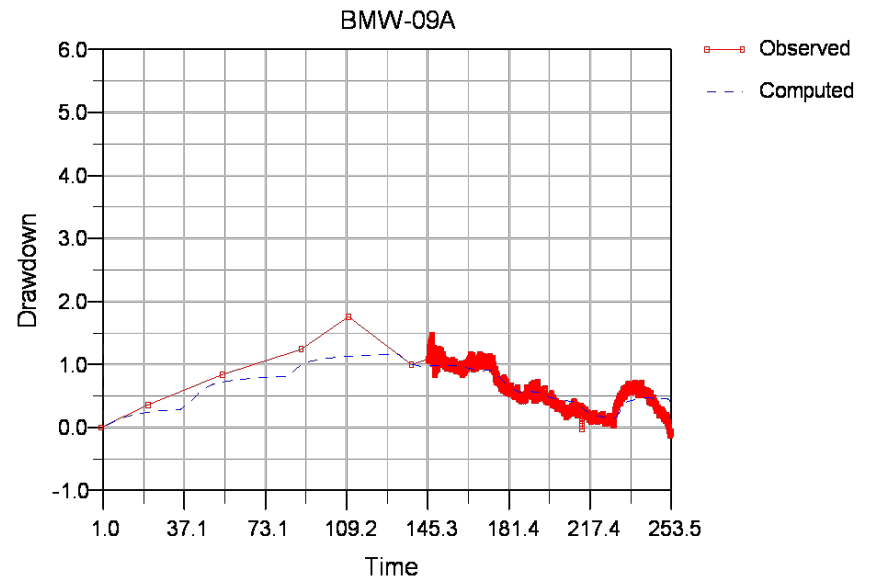
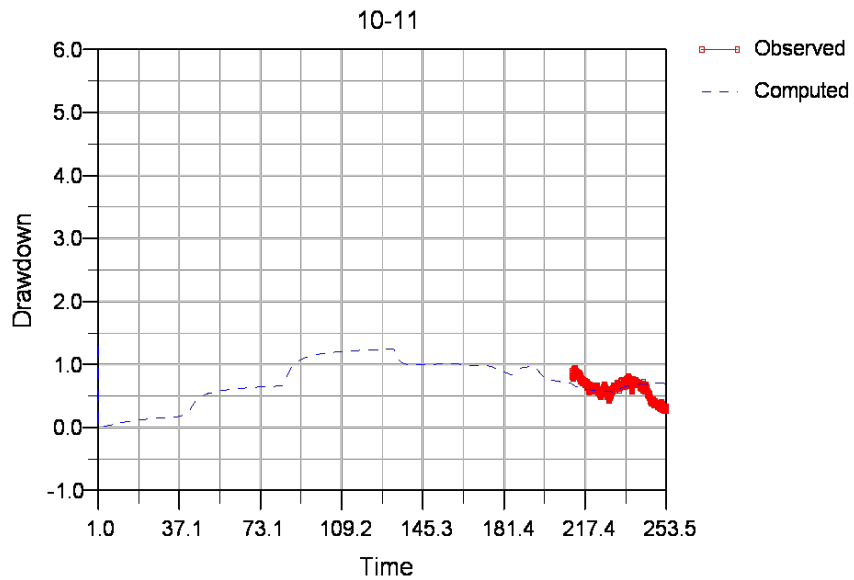
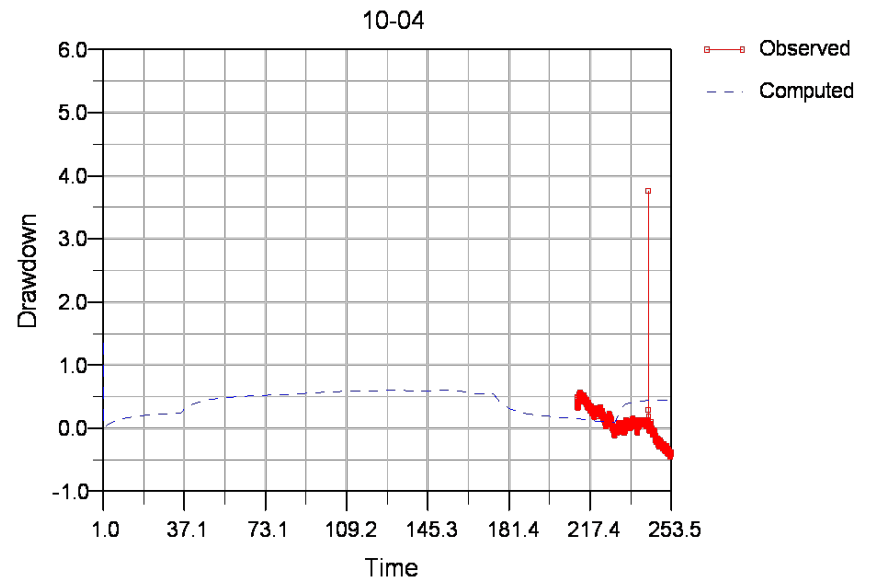
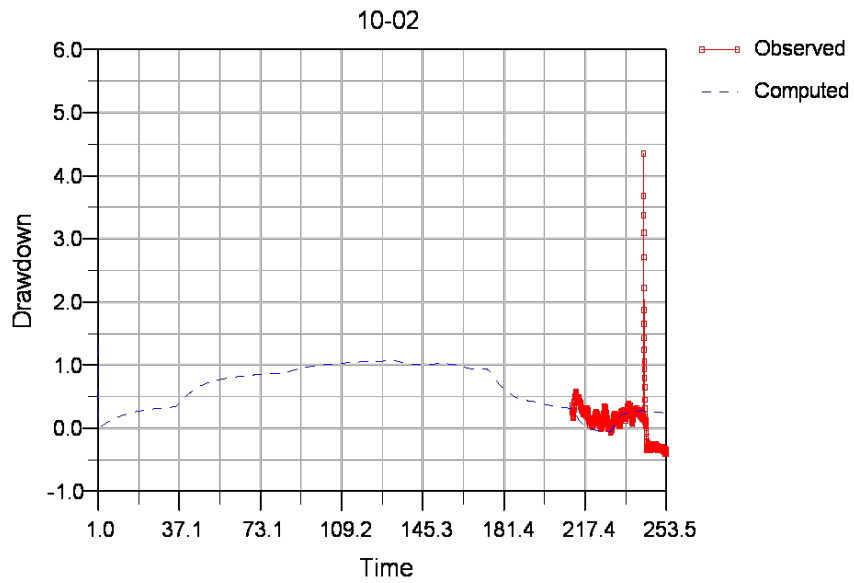




Drawdown is in feet. Time represents days after Phase 1 dewatering began.

Figure C-7. Transient Calibration – Simulated versus Observed Change in Water Level (ft)  
Layer 1 Wells (Page 7 of 9)

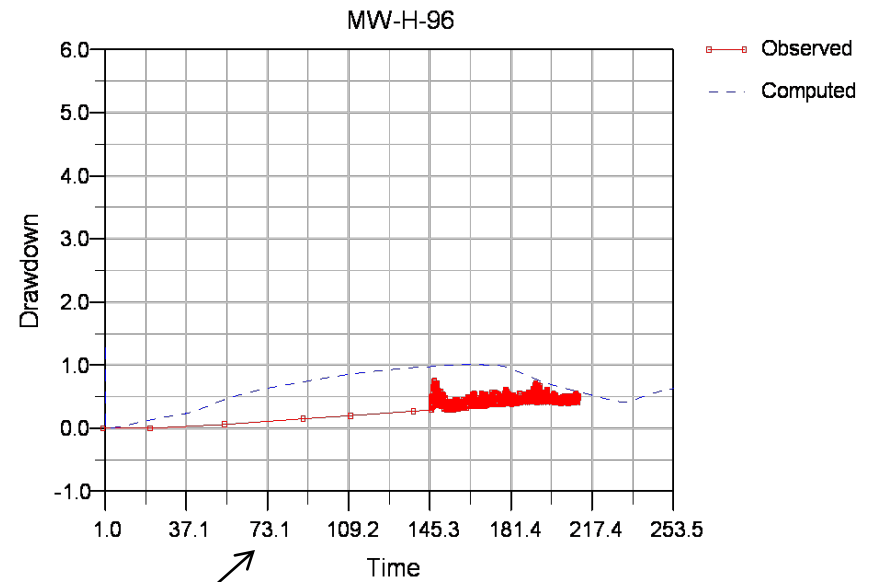
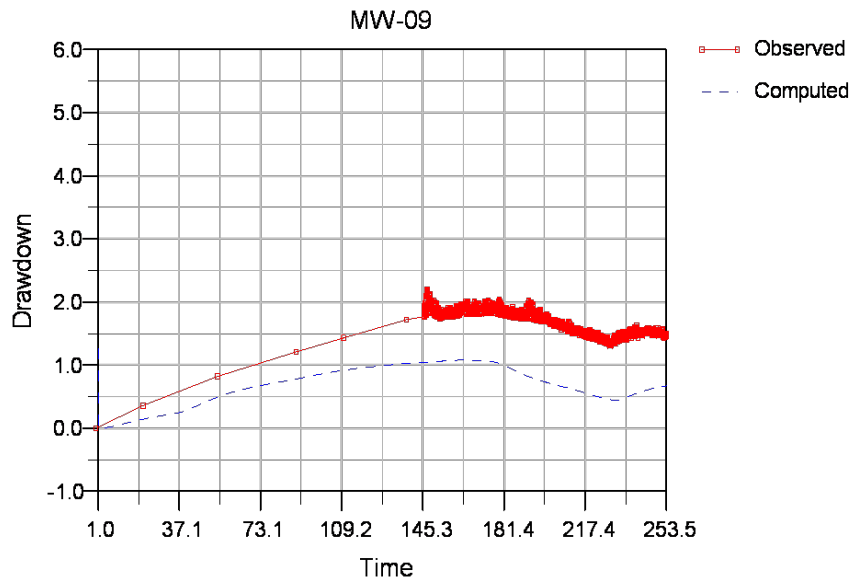




Drawdown is in feet. Time represents days after Phase 1 dewatering began.

Figure C-8. Transient Calibration – Simulated versus Observed Change in Water Level (ft)  
Layer 1 Wells (Page 8 of 9)





Note: It is believed that MW-H-96 may monitor perched water such that it is disconnected from the aquifer being modeled, and that is consistent with the model predicting greater drawdown than is observed at this well.

*Drawdown is in feet. Time represents days after Phase 1 dewatering began.*

Figure C-9. Transient Calibration – Simulated versus Observed Change in Water Level (ft)  
Layer 1 Wells (Page 9 of 9)

