

Appendix C. Surface and Ground Water Elevations for July 22 and 23, 2002

Field Personnel: Andy Nicholls and Sarah Pollock				Date: July 22 and 23, 2002 (see comments)			
Measuring Equipment: Solinst Water Level Meter Model 101				Weather: Slightly overcast, hot, humid, 98 to 100°F			
PIEZOMETER / WELL/ STAFF GAGE IDENTIFICATION	GROUND SURFACE ELEVATION (feet above msl)	MEASURING POINT ELEVATION ^A (feet above msl)	TIME OPENED	TIME MEASURED	MEASURED DEPTH TO WATER (feet below top of casing) (direct reading on staff gage)	DEPTH TO GROUND WATER FROM GROUND SURFACE (feet)	WATER LEVEL ELEVATION (feet above msl)
PZ-1	2.41	5.94	10:10 AM	10:43 AM	6.63	3.10	-0.69
PZ-2	3.20	7.12	12:13 PM	1:05 PM	6.08	2.16	1.04
PZ-3	3.18	6.87	12:46 PM	1:00 PM	6.14	2.45	0.73
PZ-4	3.15	6.54	12:14 PM	12:43 PM	7.43	4.04	-0.89
PZ-5	2.18	5.42	12:15 PM	12:40 PM	7.21	3.97	-1.79
PZ-6	1.20	4.81	12:16 PM	12:36 PM	6.71	3.10	-1.90
PZ-7	2.57	6.10	12:17 PM	12:34 PM	7.28	3.75	-1.18
PZ-8	3.81	7.41	12:18 PM	12:30 PM	7.94	4.34	-0.53
SG-1	2.44	2.44	--	1:13 PM	0.23	--	2.67
SG-2	3.10	3.10	--	12:14 PM	DRY	--	--
SG-3	1.61	1.61	--	12:17 PM	DRY	--	--
SG-4	3.79	3.79	--	1:15 PM	DRY	--	--
FIELD COMMENTS: PZ-1 was measured on July 23, 2002. All other piezometers and gages were measured on July 22, 2002.							
TIDE LEVELS (feet above MLLW): July 22, 2002 @ 12:12 pm = 1.39 July 22, 2002 @ 1:12 pm = 1.00 July 23, 2002 @ 10:42 am = 2.68 Tide data obtained from - http://co-ops.nos.noaa.gov/data_retrieve.shtml?input_code=100111111vwl							
NOTES: Measuring Point Elevation ^A = Top of casings for wells and piezometers and zero mark on staff gage. msl = Mean sea level.							

Appendix C. Surface and Ground Water Elevations for August 29, 2002

Field Personnel: Colin Wagoner				Date: August 29, 2002			
Measuring Equipment: Solinst Water Level Meter Model 101				Weather: Overcast, calm, 70°F			
PIEZOMETER / WELL/ STAFF GAGE IDENTIFICATION	GROUND SURFACE ELEVATION (feet above msl)	MEASURING POINT ELEVATION ^A (feet above msl)	TIME OPENED	TIME MEASURED	MEASURED DEPTH TO WATER (feet below top of casing) (direct reading on staff gage)	DEPTH TO GROUND WATER FROM GROUND SURFACE (feet)	WATER LEVEL ELEVATION (feet above msl)
PZ-1	2.41	5.94	--	--	NM	--	--
PZ-2	3.20	7.12	1:30 PM	2:05 PM	6.96	3.04	0.16
PZ-3	3.18	6.87	11:00 AM	11:36 AM	7.87	4.18	-1.00
PZ-4	3.15	6.54	10:50 AM	11:29 AM	8.16	4.77	-1.62
PZ-5	2.18	5.42	10:45 AM	11:20 AM	8.42	5.18	-3.00
PZ-6	1.20	4.81	10:40 AM	11:15 AM	8.19	4.58	-3.38
PZ-7	2.57	6.10	10:30 AM	11:09 AM	8.25	4.72	-2.15
PZ-8	3.81	7.41	10:15 AM	10:57 AM	8.75	5.15	-1.34
SG-1	2.44	2.44	--	--	NM	--	--
SG-2	3.10	3.10	--	11:30 AM	DRY	--	--
SG-3	1.61	1.61	--	11:11 AM	DRY	--	--
SG-4	3.79	3.79	--	--	NM	--	--
TIDE LEVELS (feet above MLLW): August 29, 2002 @ 10:54 am = 2.85 August 29, 2002 @ 2:06 pm = 3.06 Tide data obtained from - http://co-ops.nos.noaa.gov/data_retrieve.shtml?input_code=100111111vwl							
NOTES: Measuring Point Elevation ^A = Top of casings for wells and piezometers and zero mark on staff gage. NM = Water level was not measured on this date. msl = Mean sea level.							

Appendix C. Surface and Ground Water Elevations for November 15, 2002

Field Personnel: Andy Nicholls and Megan Hilgart				Date: November 15, 2002			
Measuring Equipment: Solinst Water Level Meter Model 101				Weather: Overcast, calm, 50°F			
PIEZOMETER / WELL/ STAFF GAGE IDENTIFICATION	GROUND SURFACE ELEVATION (feet above msl)	MEASURING POINT ELEVATION ^A (feet above msl)	TIME OPENED	TIME MEASURED	MEASURED DEPTH TO WATER (feet below top of casing) (direct reading on staff gage)	DEPTH TO GROUND WATER FROM GROUND SURFACE (feet)	WATER LEVEL ELEVATION (feet above msl)
PZ-1	2.41	5.94	--	--	2.80	--	3.14
PZ-2	3.20	7.12	--	--	3.97	--	3.15
PZ-3	3.18	6.87	--	--	3.60	--	3.27
PZ-4	3.15	6.54	--	--	3.35	--	3.19
PZ-5	2.18	5.42	--	--	2.25	--	3.17
PZ-6	1.20	4.81	--	--	1.71	--	3.10
PZ-7	2.57	6.10	--	--	3.02	--	3.08
PZ-8	3.81	7.41	--	--	4.72	--	2.69
SG-1	2.44	2.44	--	--	0.78	--	1.66
SG-2	3.10	3.10	--	--	0.07	--	3.03
SG-3	1.61	1.61	--	--	1.51	--	0.10
SG-4	3.79	3.79	--	--	2.10	--	1.69
MW-7	8.79	11.98	1:50 PM	2:18 PM	12.04	8.85	-0.06
MW-23A	7.36	10.04	2:00 PM	2:32 PM	10.20	7.52	-0.16
TMW-50	--	11.92	1:30 PM	2:08 PM	12.06	--	-0.14
TMW-52	--	9.92	1:40 PM	2:12 PM	9.96	--	-0.04
TMW-53	--	5.99	2:00 PM	2:39 PM	5.89	--	0.10
TIDE LEVELS (feet above MLLW): November 15, 2002 @ 2:06 pm = 1.93 November 15, 2002 @ 2:42 pm = 2.35 Tide data obtained from - http://co-ops.nos.noaa.gov/data_retrieve.shtml?input_code=100111111vw1							
NOTES: Measuring Point Elevation ^A = Top of casings for wells and piezometers and zero mark on staff gage. msl = Mean sea level.							

Appendix C. Surface and Ground Water Elevations for November 21, 2002

Field Personnel: Andy Nicholls and Megan Hilgart				Date: November 21, 2002			
Measuring Equipment: Solinst Water Level Meter Model 101				Weather: Overcast, calm, 50°F			
PIEZOMETER / WELL/ STAFF GAGE IDENTIFICATION	GROUND SURFACE ELEVATION (feet above msl)	MEASURING POINT ELEVATION ^A (feet above msl)	TIME OPENED	TIME MEASURED	MEASURED DEPTH TO WATER (feet below top of casing) (direct reading on staff gage)	DEPTH TO GROUND WATER FROM GROUND SURFACE (feet)	WATER LEVEL ELEVATION (feet above msl)
PZ-1	2.41	5.94	2:30 PM	3:05 PM	2.80	-0.73	3.14
PZ-2	3.20	7.12	2:15 PM	2:45 PM	3.97	0.05	3.15
PZ-3	3.18	6.87	2:25 PM	3:00 PM	3.60	-0.09	3.27
PZ-4	3.15	6.54	2:50 PM	3:20 PM	3.35	-0.04	3.19
PZ-5	2.18	5.42	3:30 PM	3:37 PM	2.25	-0.99	3.17
PZ-6	1.20	4.81	3:15 PM	3:45 PM	1.71	-1.90	3.10
PZ-7	2.57	6.10	3:20 PM	3:50 PM	3.02	-0.51	3.08
PZ-8	3.81	7.41	3:25 PM	3:55 PM	4.72	1.12	2.69
SG-1	2.44	2.44	--	2:48 PM	0.78	--	3.22
SG-2	3.10	3.10	--	3:17 PM	0.07	--	3.17
SG-3	1.61	1.61	--	3:47 PM	1.51	--	3.12
SG-4	3.79	3.79	--	4:30 PM	2.10	--	5.89
TIDE LEVELS (feet above MLLW): November 21, 2002 @ 2:42 pm = 0.784 November 21, 2002 @ 4:30 pm = 1.41 Tide data obtained from - http://co-ops.nos.noaa.gov/data_retrieve.shtml?input_code=100111111vwl							
NOTES: Measuring Point Elevation ^A = Top of casings for wells and piezometers and zero mark on staff gage. msl = Mean sea level.							

Appendix C. Surface and Ground Water Elevations for December 21, 2002

Field Personnel: Megan Hilgart				Date: December 21, 2002			
Measuring Equipment: Solinst Water Level Meter Model 101				Weather: Clear, calm, 50°F			
PIEZOMETER / WELL/ STAFF GAGE IDENTIFICATION	GROUND SURFACE ELEVATION (feet above msl)	MEASURING POINT ELEVATION ^ (feet above msl)	TIME OPENED	TIME MEASURED	MEASURED DEPTH TO WATER (feet below top of casing) (direct reading on staff gage)	DEPTH TO GROUND WATER FROM GROUND SURFACE (feet)	WATER LEVEL ELEVATION (feet above msl)
PZ-1	2.41	5.94	2:30 PM	3:03 PM	2.58	-0.95	3.36
PZ-2	3.20	7.12	2:40 PM	3:10 PM	3.93	0.01	3.19
PZ-3	3.18	6.87	2:35 PM	3:05 PM	3.57	-0.12	3.30
PZ-4	3.15	6.54	10:30 AM	11:07 AM	3.41	0.02	3.13
PZ-5	2.18	5.42	12:45 PM	1:15 PM	2.42	-0.82	3.00
PZ-6	1.20	4.81	12:50 PM	1:22 PM	1.51	-2.10	3.30
PZ-7	2.57	6.10	1:30 PM	2:06 PM	2.73	-0.80	3.37
PZ-8	3.81	7.41	8:30 AM	9:08 AM	4.38	0.78	3.03
SG-1	2.44	2.44	--	3:08 PM	1.25	--	3.69
SG-2	3.10	3.10	--	11:05 AM	0.63	--	3.73
SG-3	1.61	1.61	--	2:05 PM	2.07	--	3.68
SG-4	3.79	3.79	--	2:25 PM	2.61	--	6.40
MW-1	8.49	11.79	3:16 PM*	3:16 PM	10.16	6.86	1.63
MW-2	5.48	9.12	9:06 AM*	9:06 AM	7.92	4.28	1.20
MW-2A	5.78	8.39	9:00 AM*	9:00 AM	4.71	2.10	3.68
MW-3	8.26	11.22	2:38 PM*	2:38 PM	3.96	1.00	7.26
MW-4	6.11	9.63	10:35 AM*	10:35 AM	6.24	2.72	3.39
MW-5	7.84	10.57	10:55 AM*	10:55 AM	4.80	2.07	5.77
MW-6	6.44	9.36	10:40 AM*	10:40 AM	4.79	1.87	4.57
MW-7	8.79	11.98	3:40 PM*	3:40 PM	11.12	7.93	0.86
MW-8	9.62	12.77	2:55 PM*	2:55 PM	6.24	3.09	6.53
MW-9	7.19	10.29	2:45 PM*	2:45 PM	3.49	0.39	6.80
MW-10	7.72	10.63	2:35 PM*	2:35 PM	8.83	5.92	1.80
MW-10A	7.78	10.18	2:36 PM*	2:36 PM	4.59	2.19	5.59
MW-11	9.78	13.11	2:41 PM*	2:41 PM	5.91	2.58	7.20
MW-20	7.38	10.17	2:37 PM*	2:37 PM	4.88	2.09	5.29
MW-21	10.03	13.13	2:30 PM*	2:30 PM	6.34	3.24	6.79
MW-22	8.22	11.12	2:43 PM*	2:43 PM	4.05	1.15	7.07
MW-23A	7.36	10.04	3:12 PM*	3:12 PM	9.14	6.46	0.90
MW-23B	7.28	10.14	3:13 PM*	3:13 PM	9.06	6.20	1.08

Appendix C. Surface and Ground Water Elevations for December 21, 2002

Field Personnel: Megan Hilgart				Date: December 21, 2002			
Measuring Equipment: Solinist Water Level Meter Model 101				Weather: Clear, calm, 50°F			
PIEZOMETER / WELL/ STAFF GAGE IDENTIFICATION	GROUND SURFACE ELEVATION (feet above msl)	MEASURING POINT ELEVATION [^] (feet above msl)	TIME OPENED	TIME MEASURED	MEASURED DEPTH TO WATER (feet below top of casing) (direct reading on staff gage)	DEPTH TO GROUND WATER FROM GROUND SURFACE (feet)	WATER LEVEL ELEVATION (feet above msl)
DCMW006-02	10.26	12.23	11:25 AM	11:55 AM	11.21	9.24	1.02
DCMW007-02	9.83	11.62	3:15 PM	3:45 PM	10.48	8.69	1.14
DCMW008-02	5.41	9.16	10:20 AM	10:50 AM	7.56	3.81	1.60
DCMW009-02	7.98	11.05	10:30 AM	11:00 AM	9.47	6.40	1.58
DCMW010-02	7.32	9.68	7:50 AM	8:21 AM	6.45	4.09	3.23
DCMW011-02	7.60	10.70	3:00 PM	3:32 PM	9.38	6.28	1.32
DCMW012-02	10.46	12.21	9:00 AM	9:35 AM	8.87	7.12	3.34
DCMW013-02	5.81	8.27	9:20 AM	9:50 AM	5.14	2.68	3.13
DCMW014-02	6.42	8.66	10:00 AM	10:30 AM	6.79	4.55	1.87
DCMW015-02	6.09	8.17	3:00 PM	3:36 PM	6.33	4.25	1.84
TMW-50	--	11.92	--	--	NM	--	--
TMW-52	--	9.92	--	--	NM	--	--
TMW-53	--	5.99	--	--	NM	--	--
TIDE LEVELS (feet above MLLW): December 21, 2002 @ 8:18 am = 2.85 December 21, 2002 @ 3:42 pm = 0.407 Tide data obtained from - http://co-ops.nos.noaa.gov/data_retrieve.shtml?input_code=100111111vwl							
NOTES: Measuring Point Elevation [^] = Top of casings for wells and piezometers and zero mark on staff gage. * = A small vent hole was present in the PVC well cap. The well was opened immediately before the water level measurement was taken. msl = Mean sea level.							