

US EPA ARCHIVE DOCUMENT

Appendix A.2. - Groundwater Elevation Measurements



GROUNDWATER ELEVATION MEASUREMENTS

Site: Bridgeton Landfill

Personnel: Jon Wilkinson, Matt Stewart

Well ID	Date	Time	Depth to Water (ft)	Depth to Water Previous Event (ft)	Total Depth (ft)	Total Depth Previous Event (ft)	Notes
PZ-110-SS	7/8/2013	1047	28.81	33.06	107.11	107.11	Top of Pump
PZ-111-KS		1042	8.51	9.20	374.59	374.59	
PZ-111-SD		1040	33.16	38.96	196.81	196.81	Top of Pump
PZ-112-AS		1034	29.09	35.09	38.83	38.83	
PZ-113-AD		1033	28.10	34.06	110.12	110.12	
PZ-113-AS		1034	28.05	33.98	39.22	39.22	
PZ-113-SS		1031	28.34	34.20	160.43	160.43	
PZ-114-AS		1359	17.39	23.37	26.35	26.35	Top of Pump Top of Pump
PZ-115-SS		1357	14.94	15.88	80.92	80.92	Top of Pump
PZ-116-SS		1522	25.68	27.25	149.98	149.98	Top of Pump
PZ-200-SS		1423	26.66	30.58	99.51	99.51	Labeled as GMP-7
PZ-201A-SS		1432	10.60	12.39	86.11	86.11	Top of Pump
PZ-202-SS		1318	15.24	14.08	85.24	85.24	Top of Pump
PZ-203-SS		1240	24.84	24.94	111.38	111.38	
PZ-204-SS		1350	7.96	6.76	88.01	88.01	
PZ-204A-SS		1349	5.49	4.95	83.34	83.34	
PZ-205-AS		1120	25.46	30.97	50.15	50.15	
PZ-205-SS		1118	25.75	31.02	92.95	92.95	Top of Pump
PZ-206-SS		1519	26.14	29.33	126.00	126.80	
PZ-207-AS		1024	28.76	35.11	39.45	39.45	
PZ-208-SS		1438	21.57	22.04	100.36	100.36	
PZ-305-AI		1535	26.38	32.14	40.18	40.18	Also Labeled LR-104-AI
PZ-1201-SS		NA	NA	NA	NA	NA	NO LONGER PRESENT
S-5		1024	32.82	37.63	44.34	44.34	
S-84	7/8/13	0946	23.34	29.43	33.30	33.30	
D-14	7/8/2013	1629	28.97	—	33.32	—	Obstructed at 33.32

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GROUNDWATER ELEVATION MEASUREMENTS

Site: West Lake OU-1

Personnel: Jon Wilkinson, Matt Stewart

Well ID	Date	Time	Depth to Water (ft)	Depth to Water Previous Event (ft)	Total Depth (ft)	Total Depth Previous Event (ft)	Notes
D-12	7/8/2003	0959	46.62	52.33	148.60	148.60	
D-13		1013	36.89	43.24	136.02	136.02	
D-6		1313	14.28	20.12	108.28	108.28	
D-81		1200	17.75	22.82	62.75	62.75	
D-83		1330	15.10	21.15	98.41	98.41	
D-87		1040	31.20	37.02	112.75	112.75	Damaged: obstructed at 9.99, obstruction
D-93		1247	16.85	23.28	114.50	114.50	
I-11		0956	46.90	52.77	94.40	94.40	
I-62		1332	12.80	18.90	44.95	44.95	
I-65		1501	8.08	14.43	38.90	38.90	
I-66		1446	8.29	14.57	41.29	41.29	
I-67		1443	8.23	14.51	40.59	40.59	
I-9		1247	17.82	22.30	57.10	57.10	
LR-100		1608	15.16	15.28	27.21	27.21	
LR-105		1425	30.49	32.53	37.96	37.96	
MW-102		1302	14.88	20.19	22.80	22.80	
MW-103		1238	6.40	11.44	14.45	14.45	Damaged: casing bent at 45° angle, unable to measure
MW-104		1208	7.83	12.81	19.00	19.00	
PZ-302-AI		1146	17.96	23.11	44.25	44.25	
PZ-302-AS		1148	17.57	23.40	24.54	24.54	
PZ-303-AS		1220	20.11	25.21	28.29	28.29	
PZ-304-AI		1231	20.88	26.05	52.20	52.20	
PZ-304-AS		1229	20.59	25.80	29.32	29.32	
S-10		0957	46.95	52.75	56.81	56.81	
S-53		1112	11.12	16.35	18.45	17.00	
S-61		1311	16.43	22.33	26.48	26.48	
S-75		N/A	N/A	NA	N/A	17.45	Damaged: casing bent at 45° angle, unable to measure
S-8		1337	10.54	16.73	31.20	31.20	
S-82	7/8/2003	1249	16.95	22.44	25.49	25.49	

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GROUNDWATER ELEVATION MEASUREMENTS

Site: Bridgeton Landfill

Personnel: Jon Wilkinson, Matt Stewart

Well ID	Date	Time	Depth to Water (ft)	Depth to Water Previous Event (ft)	Total Depth (ft)	Total Depth Previous Event (ft)	Notes
D-3	7/8/2013	1020	34.65	40.55	107.86	107.86	
D-85	A	0950	23.60	29.65	81.07	81.07	
I-4		1022	32.60	38.77	78.66	78.66	
I-68		1350	16.88	22.91	40.77	40.77	
I-73		1112	28.07	33.43	50.38	50.38	
LR-103		1051	37.29	42.85	49.90	49.90	
LR-104		1621	25.98	31.62	65.00	65.00	Also Labeled PZ-305
MW-F1S		NA	NA	NA	NA	NA	NO LONGER PRESENT
MW-F1D		NA	NA	NA	NA	NA	NO LONGER PRESENT
MW-1204		1524 MA 1504	27.47	27.84	171.72	171.72	TOP OF PUMP
PZ-100-KS		1415	26.14	26.32	388.15	388.15	
PZ-100-SD		1413	36.75	35.87	96.48	96.48	TOP OF PUMP
PZ-100-SS		1411	34.18	34.57	89.25	89.25	TOP OF PUMP
PZ-101-SS		1339	58.19	53.15	155.61	155.61	
PZ-102-SS		1501	25.63	27.67	91.48	91.48	
PZ-102R-SS		1503	25.14	28.79	91.04	91.04	
PZ-103-SS		1325	6.72	9.58	149.79	149.79	
PZ-104-KS		1249	19.11	18.71	409.26	409.26	
PZ-104-SD		1251	22.17	22.01	120.50	120.50	TOP OF PUMP
PZ-104-SS		1253	20.11	21.25	140.22	140.22	TOP OF PUMP
PZ-105-SS		1226	24.24	24.19	144.81	144.81	TOP OF PUMP
PZ-106-KS		1211	4.34	4.59	374.97	374.97	
PZ-106-SD		1213	13.52	14.69	196.15	196.15	TOP OF PUMP
PZ-106-SS		1215	12.47	13.57	161.20	161.20	TOP OF PUMP
PZ-107-SS		1140	31.12	36.30	103.99	103.99	
PZ-108-SS		NA	NA	NA	NA	NA	NO LONGER PRESENT
PZ-109-SS	7/8/2013	1053	35.86	27.53	131.18	131.18	TOP OF PUMP

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