

**Table 3-2**  
**Monitoring Well Construction Details and Groundwater Elevation Summary**  
**Metropolitan Former MGP Site, Brooklyn, New York**

Well ID	Date Installed	Coordinates				Ground Surface Elevation (ft)	Top of Casing (ft)	Well Diameter (inches)	Screened Interval (ft btoc)	Total Depth (ft btoc)	1-Jun-10		26-Jul-10		23-Aug-10		29-Sep-10		4-Oct-10		8-Oct-10		22-Oct-10		22-Nov-10		29-Apr-11		14-Mar-12						
		Northing	Easting	Latitude	Longitude						Depth to Water (ft btoc)	Groundwater Elevation (ft datum)	Depth to Water (ft btoc)	Groundwater Elevation (ft datum)	Depth to Water (ft btoc)	Groundwater Elevation (ft datum)	Depth to Water (ft btoc)	Groundwater Elevation (ft datum)	Depth to Water (ft btoc)	Groundwater Elevation (ft datum)	Depth to Water (ft btoc)	Groundwater Elevation (ft datum)	Depth to Water (ft btoc)	Groundwater Elevation (ft datum)	Depth to Water (ft btoc)	Groundwater Elevation (ft datum)	Depth to Water (ft btoc)	Groundwater Elevation (ft datum)	Depth to Water (ft btoc)	Groundwater Elevation (ft datum)					
Tide Occurrence >																																			
Activity >																																			
Canal Surface	8/24/2010	184286.64	984929.73	NA	NA	9.11	N/A	N/A	N/A	N/A	N/A	N/A	14.05	-4.94	9.65	-0.54	N/A	N/A	16.3	-7.19	17.05	-7.94	12.04	-2.93	NM	NM	13.75	-4.64							
<b>Shallow Wells</b>																																			
MW-1S	4/8/2010	183754.21	985753.83	40-40-15.742	73-59-40.484	11.99	11.62	2	3 to 13	15.0	3.45	8.17	4.00	7.62	3.97	7.65	4.14	7.48	3.83	7.79	N/M	N/M	3.96	7.66	4.22	7.40	NM	NM	5.00	6.62					
MW-3S	4/13/2010	183865.47	985269.49	40-40-16.842	73-59-46.769	8.61	8.05	2	3 to 13	15.0	2.49	5.56	2.95	5.10	3.01	5.04	2.57	5.48	1.9	6.15	2.16	5.89	2.53	5.52	2.92	5.13	NM	NM	3.11	4.94					
MW-4S	4/28/2010	184145.24	984868.25	40-40-19.606	73-59-51.977	6.86	6.45	2	3 to 13	15.0	4.94	1.51	5.00	1.45	4.71	1.74	4.88	1.57	4.26	2.19	4.68	1.77	5.07	1.38	4.78	1.67	NM	NM	5.32	1.13					
MW-5S	4/27/2010	183938.46	984811.01	40-40-17.563	73-59-52.719	9.79	9.44	2	3 to 13	15.0	7.43	2.01	7.40	2.04	7.29	2.15	7.30	2.14	6.9	2.54	7.30	2.14	7.5	1.94	7.55	1.89	NM	NM	8.00	1.44					
MW-6S	4/21/2010	183755.76	985095.95	40-40-15.758	73-59-49.0216	9.81	9.59	2	3 to 13	15.0	5.62	3.97	5.80	3.79	5.78	3.81	5.79	3.80	5.35	4.24	5.38	4.21	5.59	4.00	5.72	3.87	NM	NM	6.13	3.46					
MW-7S	4/29/2010	183682.08	985205.99	40-40-15.030	73-59-47.594	10.36	9.94	2	3 to 13	15.0	5.39	4.55	5.63	4.31	5.52	4.42	5.51	4.43	4.44	5.50	4.69	5.25	4.92	5.02	5.46	NM	NM	5.95	3.99						
MW-8S	5/5/2010	184072.81	985056.75	40-40-18.890	73-59-49.530	7.46	7.23	2	3 to 13	15.0	3.08	4.15	4.65	2.58	4.74	2.49	4.63	2.60	4.51	2.72	4.10	3.13	4.68	2.55	4.53	2.70	NM	NM	5.12	2.11					
MW-9S	9/17/2010	184284.23	984942.57	40-40-20.980	73-59-51.012	9.36	8.98	2	5 to 15	17.0	NS	NS	NS	NS	NS	NS	NS	NS	6.62	2.36	8.19	0.79	N/M	NM	10.93	-1.95	8.91	0.07	NM	NM	9.65	-0.67			
MW-19S	10/2/2011	184233.97	984729.73	40-40-20.48	73-59-53.77	10.91	10.6	2	4 to 14	16.0	NS	NS	11.00	-0.40																					
MW-20S	10/16/2011	184310.69	984687.19	40-40-21.24	73-59-54.33	11.69	11.36	2	4 to 14	16.0	NS	NS	NS	8.78	2.58																				
MW-25S	10/13/2011	184592.24	985262.07	40-40-24.023	73-59-46.865	6.51	6.10	2	18 to 28	30.0	NS	NS	3.85	2.25																					
<b>Intermediate Wells</b>																																			
MW-1I	4/8/2010	183751.96	985757.21	40-40-15.720	73-59-40.440	12.09	11.58	2	30 to 40	42.0	6.27	5.31	7.30	4.28	7.11	4.47	7.35	4.23	7.10	4.48	N/M	N/M	7.84	3.74	7.21	4.37	NM	NM	7.24	4.34					
MW-3I	4/13/2010	183865.47	985269.49	40-40-16.842	73-59-46.769	8.61	8.07	2	25 to 50	52.0	3.99	4.08	4.44	3.63	4.35	3.72	4.39	3.68	4.03	4.04	4.23	3.84	4.44	3.63	4.49	3.58	NM	NM	4.76	3.31					
MW-4I	4/28/2010	184145.24	984868.25	40-40-19.606	73-59-51.977	6.86	6.31	2	25 to 35	37.0	3.95	2.36	3.88	2.43	2.40	4.78	1.53	3.74	2.57	4.55	1.76	4.39	1.92	4.02	2.29	NM	NM	4.85	1.46						
MW-5I	4/22/2010	183936.22	984812.02	40-40-17.541	73-59-52.706	9.79	9.5	2	38 to 48	50.0	7.09	2.41	7.05	2.45	7.18	2.32	6.91	2.59	6.68	2.82	7.64	1.86	7.5	2	7.21	2.29	NM	NM	7.77	1.73					
MW-6I	4/21/2010	183755.76	985095.95	40-40-15.758	73-59-49.0216	9.81	9.21	2	30 to 40	42.0	6.72	2.49	6.78	2.43	6.77	2.44	6.66	2.55	6.45	2.76	7.32	1.89	7.14	2.07	6.78	2.43	NM	NM	7.33	1.88					
MW-7I	4/29/2010																																		

**Table 3-4**  
**Summary of Location Coordinates and Elevations**  
**Metropolitan Former MGP Site, Brooklyn, New York**

Location	Northing <sup>1</sup>	Easting <sup>1</sup>	Ground Surface Elevation (feet)	Top of Casing Elevation (feet)
<b>Monitoring Wells</b>				
MW-1S	183754.21	985753.83	11.99	11.62
MW-1I	183751.96	985757.21	12.09	11.58
MW-1D	183751.96	985757.21	12.09	11.46
MW-2D	183753.85	985474.32	10.26	9.97
MW-3S	183865.47	985269.49	8.61	8.05
MW-3I	183865.47	985269.49	8.61	8.07
MW-4S	184145.24	984868.25	6.86	6.45
MW-4I	184145.24	984868.25	6.86	6.31
MW-4D1	184130.65	984874.52	6.85	6.40
MW-4D2	184145.26	984879.53	6.80	6.07
MW-5S	183938.46	984811.01	9.79	9.44
MW-5I	183936.22	984812.02	9.79	9.5
MW-5D	183936.22	984812.02	9.79	9.42
MW-6S	183755.76	985095.95	9.81	9.59
MW-6I	183755.76	985095.95	9.81	9.21
MW-7S	183682.08	985205.99	10.36	9.94
MW-7I	183682.08	985205.99	10.36	9.81
MW-8S	184072.81	985056.75	7.46	7.23
MW-8I	184072.81	985056.75	7.46	7.12
MW-9S	184284.23	984942.57	9.36	8.98
MW-9I	184280.34	984939.39	9.29	8.81
MW-9D	184280.34	984939.39	9.29	8.83
MW-19S	184233.97	984729.73	10.91	10.60
MW-19I	184233.97	984729.73	10.91	10.54
MW-20S	184310.69	984687.19	11.69	11.36
MW-20I	184310.69	984687.19	11.69	11.34
MW-21D	184246.62	985321.01	10.07	9.73
MW-22I	184316.19	985224.90	8.12	7.68
MW-22D	184316.19	985224.90	8.12	8.11
MW-23D	184572.54	985157.21	5.22	4.72
MW-25S	184592.24	985262.07	6.51	6.10
MW-25I	184592.24	985262.07	6.51	6.50
<b>Canal Surface Water</b>				
Canal Surface	184286.64	984929.73	9.11	N/A
<b>Surface Soil</b>				
SS-1	184280.34	984939.39	9.29	N/A
SS-2	184318.98	984965.19	9.23	N/A
SS3	184355.01	984987.59	9.12	N/A
<b>Soil Borings</b>				
SB-10	184036.07	984854.61	9.27	N/A
SB-11	183894.18	985046.09	9.44	N/A
SB-12	183799.95	985224.56	9.56	N/A
SB-13	183907.34	985201.02	8.42	N/A
SB-14	183823.32	985369.96	9.23	N/A
SB-15	183846.84	985308.07	11.46	N/A
SB-16	184031.03	985121.90	7.58	N/A
SB-17	184108.26	985000.39	7.15	N/A
SB-18	183946.83	985147.27	7.00	N/A
SB-24	184457.01	985320.02	8.16	N/A
SB-26	184167.47	984390.53	12.35	N/A
<b>Test Pits</b>				
TP-01	183906.71	985196.05	8.38	N/A
TP-01	183906.53	985193.11	8.40	N/A
TP-01	183890.52	985193.75	8.85	N/A
TP-01	183890.69	985196.72	8.81	N/A
TP-02	183857.82	985285.54	8.74	N/A
TP-02	183856.13	985286.15	8.70	N/A
TP-02	183856.78	985291.32	8.79	N/A
TP-02	183858.96	985290.11	8.74	N/A
TP-02	183861.43	985292.91	8.53	N/A
TP-02	183852.20	985307.03	8.74	N/A
TP-02	183848.10	985304.96	11.40	N/A

Notes:

1 - Horizontal datum: New York State Plane, NAD 83 Feet. Vertical datum: NAVD 1988.