

**Table 3-2
Groundwater Elevations
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey**



Well ID	Easting (ft NAD83)	Northing (ft NAD83)	Well Type	Total Depth (ft)	Top of Inner Casing / Riser Elevation (ft NAVD88)	Measured Water Table Depth (ft)	Water Level Elevation (ft NAVD88)
114MON33	611187.0	683570.3	SHALLOW	14.00	16.74	3.96	12.78
114-P1B-MW101S	610775.8	683407.3	SHALLOW	15.10	13.30	2.34	10.96
MW1C-3	611235.8	683937.3	SHALLOW	15.00	18.45	7.39	11.06
MW-34	610794.7	683260.4	SHALLOW	18.00	15.65	4.99	10.66
10W-MW102S	610516.5	682453.4	SHALLOW	17.00	15.11	6.53	8.58
114-MC-MW101S	611054.3	683240.3	SHALLOW	15.00	14.17	2.94	11.23
114-MC-MW102S	611155.1	683403.8	SHALLOW	17.00	14.65	4.22	10.43
114-MW14A	611250.0	684019.5	SHALLOW	12.50	12.07	2.71	9.36
114-MW15A	610888.5	683851.5	SHALLOW	6.00	13.05	2.62	10.43
114-MW20A	611545.9	683012.2	SHALLOW	15.00	12.17	8.00	4.17
114-MW22A	610687.8	683257.1	SHALLOW	19.00	11.90	4.08	7.82
114-MW24AR	611670.0	683682.5	SHALLOW	14.00	11.36	3.58	7.78
114-MW25A	611787.9	683588.8	SHALLOW	14.00	9.88	2.98	6.90
114-MW26A	611900.8	683494.9	SHALLOW	15.00	14.20	6.79	7.41
114-MW27A	611841.6	683638.6	SHALLOW	16.00	10.35	3.52	6.83
114-MW28A	611972.7	683509.5	SHALLOW	14.00	15.30	6.89	8.41
114-MW2B1-2	611629.1	683807.6	SHALLOW	26.00	23.96	15.22	8.74
114-MW30A	611950.1	683596.7	SHALLOW	14.00	9.90	1.33	8.57
114-MW36A	611817.1	683551.8	SHALLOW	15.00	10.69	3.88	6.81
114-MW37A	611912.7	683693.1	SHALLOW	15.00	10.87	4.20	6.67
114-MW38A	611801.7	683760.3	SHALLOW	25.00	20.51	12.45	8.06
114-MW41A	611376.3	683888.8	SHALLOW	15.00	18.24	8.20	10.04
114-MW42A	610825.5	683625.8	SHALLOW	12.00	9.94	1.63	8.31
114-MW43A	611056.7	683941.8	SHALLOW	12.00	11.38	1.14	10.24
114-MW44A	611768.2	683634.4	SHALLOW	12.00	9.14	2.16	6.98
114-P1A-MW101S	611028.5	683770.6	SHALLOW	15.00	14.33	4.18	10.15
114-P1B-MW103S	610894.7	683233.7	SHALLOW	17.00	14.24	2.70	11.54
114-P1B-MW104S	610918.1	683537.6	SHALLOW	14.00	13.93	2.43	11.50
114-P1C-MW101S	611175.1	683916.7	SHALLOW	12.00	13.68	4.29	9.39
114-P1C-MW102S	611067.2	683864.2	SHALLOW	14.00	14.91	5.43	9.48
114-P1C-MW104S	611259.7	683908.9	SHALLOW	14.00	14.60	5.28	9.32
114-P2A-MW102S	611697.4	683499.6	SHALLOW	20.00	13.70	4.09	9.61
114-P2A-MW103S	611833.4	683389.7	SHALLOW	18.00	15.98	6.34	9.64
114-P2A-MW104S	611588.5	683170.1	SHALLOW	20.00	12.83	3.51	9.32
114-P2B1-MW101S	611427.8	683761.5	SHALLOW	13.00	15.01	4.84	10.17
114-P2B1-MW103S	611290.4	683489.7	SHALLOW	13.00	12.99	2.45	10.54
114-P2B3-MW101S	611356.2	683243.7	SHALLOW	16.00	13.93	3.44	10.49
114-P2B3-MW2	611161.2	682967.8	SHALLOW	17.00	11.97	1.31	10.66
114-P2B4-MW1	611284.7	682837.8	SHALLOW	17.00	10.50	0.00	10.50
114-P2B4-MW101S	611266.9	683076.0	SHALLOW	18.00	13.48	4.76	8.72
114-P2B4-MW102S	611283.9	682895.5	SHALLOW	16.00	13.44	3.11	10.33
114-P2B4-MW103S	611496.7	683152.3	SHALLOW	16.00	15.30	4.84	10.46
114-P2B4-MW2	611324.7	682856.9	SHALLOW	17.00	10.75	0.59	10.16
132-P3A-MW103S	610902.2	682953.6	SHALLOW	16.00	15.11	4.51	10.60
132-P3A-MW104S	610760.0	682818.7	SHALLOW	16.00	14.80	3.43	11.37
132-P3A-MW2	610722.8	682915.9	SHALLOW	17.00	12.20	2.64	9.56
132-P3A-MW3	610668.2	682734.0	SHALLOW	18.00	13.01	4.35	8.66
132-P3A-MW4	610780.3	682676.9	SHALLOW	20.00	13.08	3.42	9.66
132-P3A-MW5	611000.6	683094.5	SHALLOW	17.00	12.45	2.70	9.75
133-MW6A	610556.4	682210.1	SHALLOW	15.00	11.49	5.50	5.99
133-P3C-MW101S	611157.8	682638.6	SHALLOW	14.00	12.16	2.59	9.57
133-P3C-MW102S	610947.8	682441.5	SHALLOW	14.00	12.57	3.16	9.41
135-MW1AR	610954.3	682134.3	SHALLOW	15.00	9.71	1.70	8.01
135-MW2A	611409.2	682561.8	SHALLOW	16.50	8.74	0.77	7.97
135-P3C-MW101S	611270.5	682599.1	SHALLOW	12.00	10.97	1.64	9.33
135-P3C-MW102S	611120.7	682311.9	SHALLOW	15.00	10.99	2.81	8.18
137-P3B-MW1	611176.6	682893.6	SHALLOW	15.00	11.31	1.04	10.27
137-P3B-MW101S	611109.9	682945.1	SHALLOW	16.00	14.61	4.14	10.47
137-P3B-MW102S	610941.1	682662.1	SHALLOW	17.00	14.16	5.46	8.70
186-MW01	611231.8	684198.7	SHALLOW	15.00	18.37	9.54	8.83
186-MW02R	611305.0	684165.2	SHALLOW	15.00	13.10	4.38	8.72
FS-MW101S	611769.0	683524.7	SHALLOW	9.00	10.83	2.30	8.53
HSS-P3C-MW1S	611265.2	682785.5	SHALLOW	17.00	11.97	2.46	9.51
HSS-P3C-MW2S	610994.0	682542.7	SHALLOW	14.00	12.37	2.87	9.50
MW10S	612063.0	683218.3	SHALLOW	15.00	13.79	5.96	7.83
MW1C-4	611329.7	683908.4	SHALLOW	15.00	17.58	7.97	9.61
MW-31A	611088.6	683596.6	SHALLOW	16.00	15.72	3.30	12.42
MW-35	610947.9	683183.3	SHALLOW	18.00	15.62	5.06	10.56
MW7S	611824.6	682961.0	SHALLOW	12.00	10.29	4.66	5.63
MW8S	611487.5	682643.0	SHALLOW	12.00	8.39	5.14	3.25
MW-CR-2	611422.0	683982.0	SHALLOW	23.00	17.78	7.05	10.73
MW-CR-3	611447.0	683975.0	SHALLOW	23.00	17.82	5.94	11.88
MW-CR-4	611485.0	683962.0	SHALLOW	19.00	17.73	5.32	12.41
MW-CR-5	611521.0	684115.0	SHALLOW	18.00	16.55	4.00	12.55
MW-CR-6	611670.0	684406.0	SHALLOW	20.00	17.04	4.93	12.11
MW-MORRIS1A	611286.4	683664.0	SHALLOW	20.00	14.43	2.00	12.43
114-P1A-MW101I	611036.1	683779.1	INTERMEDIATE	35.00	14.40	6.03	8.37
114-P1B-MW102I	611027.7	683334.0	INTERMEDIATE	34.00	12.63	4.73	7.90
114-P1C-EW1	611297.4	683885.0	INTERMEDIATE	39.00	13.08	1.30	11.78
114-P2A-MW103I	611823.6	683382.7	INTERMEDIATE	42.00	15.41	6.12	9.29

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10W-MW105I	610626.9	682304.3	INTERMEDIATE	40.00	10.92	3.34	7.58
114-MC-PZ103	611276.6	683655.5	INTERMEDIATE	42.00	11.98	3.97	8.01
114-MC-PZ203	611253.7	683620.0	INTERMEDIATE	42.00	14.01	5.58	8.43
114-MW17B	611688.5	683902.0	INTERMEDIATE	30.00	13.25	5.90	7.35
114-MW19B	611259.9	682735.0	INTERMEDIATE	50.00	12.66	5.28	7.38
114-MW20B	611548.0	683014.2	INTERMEDIATE	40.00	12.16	5.07	7.09
114-MW22B	610693.5	683254.9	INTERMEDIATE	33.00	12.23	5.34	6.89
114-MW24B	611662.3	683681.7	INTERMEDIATE	35.00	11.56	4.50	7.06
114-MW25B	611795.8	683596.0	INTERMEDIATE	35.00	10.08	3.12	6.96
114-MW26B	611844.2	683496.2	INTERMEDIATE	38.00	11.32	4.04	7.28
114-MW27B	611835.7	683631.9	INTERMEDIATE	35.00	10.20	4.04	6.16
114-MW2B1-2I	611639.0	683809.0	INTERMEDIATE	38.00	23.95	16.66	7.29
114-MW36B	611795.9	683573.2	INTERMEDIATE	35.00	9.93	2.88	7.05
114-MW37B	611917.3	683689.1	INTERMEDIATE	35.00	10.79	4.20	6.59
114-MW38B	611806.7	683758.7	INTERMEDIATE	42.00	20.55	14.00	6.55
114-MW39B	611588.9	682516.4	INTERMEDIATE	45.00	10.64	3.99	6.65
114-MW40B	611701.6	682734.9	INTERMEDIATE	43.00	10.29	3.94	6.35
114-MW41B	611366.9	683891.9	INTERMEDIATE	27.00	17.67	10.19	7.48
114-P1B-MW101I	610792.0	683434.4	INTERMEDIATE	33.00	14.13	6.08	8.05
114-P1C-MW101I	611171.1	683905.2	INTERMEDIATE	35.00	13.31	4.76	8.55
114-P1C-PZ1	611322.2	683895.7	INTERMEDIATE	36.00	16.18	7.41	8.77
114-P1C-PZ2	611286.0	683878.2	INTERMEDIATE	30.00	13.24	4.43	8.81
114-P1-MW-2I	610974.0	683574.0	INTERMEDIATE	39.32	16.23	8.45	7.78
114-P2A-MW101I	611562.6	683373.3	INTERMEDIATE	41.00	12.71	3.04	9.67
114-P2A-MW102I	611686.2	683489.7	INTERMEDIATE	37.50	13.12	3.75	9.37
114-P2A-MW104I	611579.1	683175.0	INTERMEDIATE	40.00	14.10	4.50	9.60
114-P2B1-MW101I	611441.8	683756.1	INTERMEDIATE	40.00	13.95	5.83	8.12
114-P2B2-MW101I	611630.1	683631.6	INTERMEDIATE	39.00	10.55	2.41	8.14
114-P2B3-MW101I	611359.0	683256.6	INTERMEDIATE	35.00	12.93	4.40	8.53
114-P2B4-MW102I	611299.5	682875.0	INTERMEDIATE	36.00	11.86	3.54	8.32
114-P2B4-MW103I	611508.4	683137.7	INTERMEDIATE	34.00	13.05	4.44	8.61
132-P3A-MW102I	610581.0	682952.2	INTERMEDIATE	28.00	15.81	9.48	6.33
132-P3A-MW103I	610888.4	682958.1	INTERMEDIATE	44.00	13.21	5.74	7.47
132-P3A-MW104I	610775.9	682812.8	INTERMEDIATE	48.00	12.88	5.25	7.63
132-P3A-MW105I	610676.8	682695.3	INTERMEDIATE	42.00	14.10	6.74	7.36
133-P3C-MW101I	611148.2	682630.9	INTERMEDIATE	42.00	12.02	4.79	7.23
133-P3C-MW102I	610958.2	682452.2	INTERMEDIATE	46.00	12.18	4.78	7.40
135-MW1B	610948.1	682129.6	INTERMEDIATE	34.00	9.64	2.41	7.23
135-MW2B	611415.9	682568.1	INTERMEDIATE	33.00	8.65	1.62	7.03
135-MW3BR	611114.8	682301.5	INTERMEDIATE	33.00	10.94	3.62	7.32
137-P3B-MW101I*	611100.5	682952.0	INTERMEDIATE	45.00	13.00	5.61	7.39
137-P3B-MW102I	610954.2	682651.6	INTERMEDIATE	49.00	12.94	4.16	8.78
143-P3A-MW101I	610728.7	683206.9	INTERMEDIATE	30.00	12.93	5.32	7.61
MW7D	611819.5	682963.4	INTERMEDIATE	48.00	10.87	4.19	6.68
MW8D	611495.2	682650.1	INTERMEDIATE	49.00	8.52	1.43	7.09
114-MW19C	611263.3	682737.3	DEEP	101.20	12.53	5.03	7.50
114-MW20C	611555.6	683020.2	DEEP	83.00	12.07	4.26	7.81
114-MW25C	611795.8	683600.4	DEEP	47.00	9.77	2.26	7.51
114-P1B-MW103D	610887.2	683237.0	DEEP	56.00	16.73	8.77	7.96
114-P1-IRM-27D	611197.0	683345.0	DEEP	53.00	13.26	6.11	7.15
132-P3A-MW104D-1	610794.3	682807.3	DEEP	55.00	14.89	7.50	7.39
132-P3A-MW104D-2	610794.3	682807.3	DEEP	72.00	14.89	7.20	7.69
133-MW1C	610670.8	682283.1	DEEP	77.00	11.50	3.64	7.86
135-MW1C	610951.3	682131.1	DEEP	103.00	9.34	1.41	7.93
137-MW1C	611036.7	683020.3	DEEP	73.00	13.15	5.12	8.03
137-MW2C	610918.5	682801.1	DEEP	83.00	13.87	6.14	7.73
MW6C	611301.5	683686.7	DEEP	65.00	12.90	5.28	7.62
MW8F	611479.9	682647.6	DEEP	84.00	8.89	2.45	6.44
MW-CR-3D	611443.5	683987.8	DEEP	46.00	14.88	6.97	7.91
114-MW4D	610821.8	683258.9	BEDROCK	107.00	12.97	5.42	7.55
114-MW6D	611298.4	683683.3	BEDROCK	111.00	12.69	3.38	9.31
114-MW7D	611189.2	683329.1	BEDROCK	90.00	11.92	1.44	10.48

Notes:

1. Accessible monitoring wells across the Project Area were gauged between May 29 and June 1, 2018.
2. Monitoring wells 114-MW37A, 114-MW37B, 114-MW38A, and 114-MW38B were gauged on June 11, 2018. These wells were previously inaccessible.
3. Water level measurements were taken from the top of the inner well casing, or from the top of the temporary PVC riser put in place to protect these wells from damage during restoration. Refer to **Appendix J.1** for recent survey data of existing wells.

* - Intermediate well 137-P3B-MW101I contained DNAPL; depth to product was measured on April 27, 2018 as 44.1 ft below the top of inner casing.

DNAPL - dense non-aqueous phase liquid

ft - feet

NAVD88 - North American Vertical Datum of 1988

NAD83 - North American Datum of 1983

PVC - polyvinyl chloride