

**Locations/Depths**  
**MLL No. Exceedance**

EF-189	1.0 - 1.5
OSB-21	4.0 - 4.1
FSP-T148-S4-N	15.0 - 15.5
PA-FOR-U148	1.0 - 6.1
PA-FOR-CC188	1.0 - 1.1
1.0 - 1.1	3.0 - 3.5
5.0 - 5.1	7.0 - 7.5
9.0 - 9.1	10.5 - 11.0
11.0 - 11.1	13.0 - 13.5
15.0 - 15.1	16.0 - 16.5
18.0 - 18.1	19.0 - 19.5
21.0 - 21.1	22.0 - 22.5
25.0 - 25.1	26.0 - 26.5
28.0 - 28.1	30.0 - 30.5
32.0 - 32.1	34.0 - 34.5
36.0 - 36.1	38.0 - 38.5
40.0 - 40.1	42.0 - 42.5
44.0 - 44.1	46.0 - 46.5
48.0 - 48.1	50.0 - 50.5
52.0 - 52.1	54.0 - 54.5
56.0 - 56.1	58.0 - 58.5
60.0 - 60.1	62.0 - 62.5
64.0 - 64.1	66.0 - 66.5
68.0 - 68.1	70.0 - 70.5
72.0 - 72.1	74.0 - 74.5
76.0 - 76.1	78.0 - 78.5
80.0 - 80.1	82.0 - 82.5
84.0 - 84.1	86.0 - 86.5
88.0 - 88.1	90.0 - 90.5
92.0 - 92.1	94.0 - 94.5
96.0 - 96.1	98.0 - 98.5
100.0 - 100.1	102.0 - 102.5
104.0 - 104.1	106.0 - 106.5
108.0 - 108.1	110.0 - 110.5
112.0 - 112.1	114.0 - 114.5
116.0 - 116.1	118.0 - 118.5
120.0 - 120.1	122.0 - 122.5
124.0 - 124.1	126.0 - 126.5
128.0 - 128.1	130.0 - 130.5
132.0 - 132.1	134.0 - 134.5
136.0 - 136.1	138.0 - 138.5
140.0 - 140.1	142.0 - 142.5
144.0 - 144.1	146.0 - 146.5
148.0 - 148.1	150.0 - 150.5
152.0 - 152.1	154.0 - 154.5
156.0 - 156.1	158.0 - 158.5
160.0 - 160.1	162.0 - 162.5
164.0 - 164.1	166.0 - 166.5
168.0 - 168.1	170.0 - 170.5
172.0 - 172.1	174.0 - 174.5
176.0 - 176.1	178.0 - 178.5
180.0 - 180.1	182.0 - 182.5
184.0 - 184.1	186.0 - 186.5
188.0 - 188.1	190.0 - 190.5
192.0 - 192.1	194.0 - 194.5
196.0 - 196.1	198.0 - 198.5
200.0 - 200.1	202.0 - 202.5
204.0 - 204.1	206.0 - 206.5
208.0 - 208.1	210.0 - 210.5
212.0 - 212.1	214.0 - 214.5
216.0 - 216.1	218.0 - 218.5
220.0 - 220.1	222.0 - 222.5
224.0 - 224.1	226.0 - 226.5
228.0 - 228.1	230.0 - 230.5
232.0 - 232.1	234.0 - 234.5
236.0 - 236.1	238.0 - 238.5
240.0 - 240.1	242.0 - 242.5
244.0 - 244.1	246.0 - 246.5
248.0 - 248.1	250.0 - 250.5
252.0 - 252.1	254.0 - 254.5
256.0 - 256.1	258.0 - 258.5
260.0 - 260.1	262.0 - 262.5
264.0 - 264.1	266.0 - 266.5
268.0 - 268.1	270.0 - 270.5
272.0 - 272.1	274.0 - 274.5
276.0 - 276.1	278.0 - 278.5
280.0 - 280.1	282.0 - 282.5
284.0 - 284.1	286.0 - 286.5
288.0 - 288.1	290.0 - 290.5
292.0 - 292.1	294.0 - 294.5
296.0 - 296.1	298.0 - 298.5
300.0 - 300.1	302.0 - 302.5
304.0 - 304.1	306.0 - 306.5
308.0 - 308.1	310.0 - 310.5
312.0 - 312.1	314.0 - 314.5
316.0 - 316.1	318.0 - 318.5
320.0 - 320.1	322.0 - 322.5
324.0 - 324.1	326.0 - 326.5
328.0 - 328.1	330.0 - 330.5
332.0 - 332.1	334.0 - 334.5
336.0 - 336.1	338.0 - 338.5
340.0 - 340.1	342.0 - 342.5
344.0 - 344.1	346.0 - 346.5
348.0 - 348.1	350.0 - 350.5
352.0 - 352.1	354.0 - 354.5
356.0 - 356.1	358.0 - 358.5
360.0 - 360.1	362.0 - 362.5
364.0 - 364.1	366.0 - 366.5
368.0 - 368.1	370.0 - 370.5
372.0 - 372.1	374.0 - 374.5
376.0 - 376.1	378.0 - 378.5
380.0 - 380.1	382.0 - 382.5
384.0 - 384.1	386.0 - 386.5
388.0 - 388.1	390.0 - 390.5
392.0 - 392.1	394.0 - 394.5
396.0 - 396.1	398.0 - 398.5
400.0 - 400.1	402.0 - 402.5
404.0 - 404.1	406.0 - 406.5
408.0 - 408.1	410.0 - 410.5
412.0 - 412.1	414.0 - 414.5
416.0 - 416.1	418.0 - 418.5
420.0 - 420.1	422.0 - 422.5
424.0 - 424.1	426.0 - 426.5
428.0 - 428.1	430.0 - 430.5
432.0 - 432.1	434.0 - 434.5
436.0 - 436.1	438.0 - 438.5
440.0 - 440.1	442.0 - 442.5
444.0 - 444.1	446.0 - 446.5
448.0 - 448.1	450.0 - 450.5
452.0 - 452.1	454.0 - 454.5
456.0 - 456.1	458.0 - 458.5
460.0 - 460.1	462.0 - 462.5
464.0 - 464.1	466.0 - 466.5
468.0 - 468.1	470.0 - 470.5
472.0 - 472.1	474.0 - 474.5
476.0 - 476.1	478.0 - 478.5
480.0 - 480.1	482.0 - 482.5
484.0 - 484.1	486.0 - 486.5
488.0 - 488.1	490.0 - 490.5
492.0 - 492.1	494.0 - 494.5
496.0 - 496.1	498.0 - 498.5
500.0 - 500.1	502.0 - 502.5
504.0 - 504.1	506.0 - 506.5
508.0 - 508.1	510.0 - 510.5
512.0 - 512.1	514.0 - 514.5
516.0 - 516.1	518.0 - 518.5
520.0 - 520.1	522.0 - 522.5
524.0 - 524.1	526.0 - 526.5
528.0 - 528.1	530.0 - 530.5
532.0 - 532.1	534.0 - 534.5
536.0 - 536.1	538.0 - 538.5
540.0 - 540.1	542.0 - 542.5
544.0 - 544.1	546.0 - 546.5
548.0 - 548.1	550.0 - 550.5
552.0 - 552.1	554.0 - 554.5
556.0 - 556.1	558.0 - 558.5
560.0 - 560.1	562.0 - 562.5
564.0 - 564.1	566.0 - 566.5
568.0 - 568.1	570.0 - 570.5
572.0 - 572.1	574.0 - 574.5
576.0 - 576.1	578.0 - 578.5
580.0 - 580.1	582.0 - 582.5
584.0 - 584.1	586.0 - 586.5
588.0 - 588.1	590.0 - 590.5
592.0 - 592.1	594.0 - 594.5
596.0 - 596.1	598.0 - 598.5
600.0 - 600.1	602.0 - 602.5
604.0 - 604.1	606.0 - 606.5
608.0 - 608.1	610.0 - 610.5
612.0 - 612.1	614.0 - 614.5
616.0 - 616.1	618.0 - 618.5
620.0 - 620.1	622.0 - 622.5
624.0 - 624.1	626.0 - 626.5
628.0 - 628.1	630.0 - 630.5
632.0 - 632.1	634.0 - 634.5
636.0 - 636.1	638.0 - 638.5
640.0 - 640.1	642.0 - 642.5
644.0 - 644.1	646.0 - 646.5
648.0 - 648.1	650.0 - 650.5
652.0 - 652.1	654.0 - 654.5
656.0 - 656.1	658.0 - 658.5
660.0 - 660.1	662.0 - 662.5
664.0 - 664.1	666.0 - 666.5
668.0 - 668.1	670.0 - 670.5
672.0 - 672.1	674.0 - 674.5
676.0 - 676.1	678.0 - 678.5
680.0 - 680.1	682.0 - 682.5
684.0 - 684.1	686.0 - 686.5
688.0 - 688.1	690.0 - 690.5
692.0 - 692.1	694.0 - 694.5
696.0 - 696.1	698.0 - 698.5
700.0 - 700.1	702.0 - 702.5
704.0 - 704.1	706.0 - 706.5
708.0 - 708.1	710.0 - 710.5
712.0 - 712.1	714.0 - 714.5
716.0 - 716.1	718.0 - 718.5
720.0 - 720.1	722.0 - 722.5
724.0 - 724.1	726.0 - 726.5
728.0 - 728.1	730.0 - 730.5
732.0 - 732.1	734.0 - 734.5
736.0 - 736.1	738.0 - 738.5
740.0 - 740.1	742.0 - 742.5
744.0 - 744.1	746.0 - 746.5
748.0 - 748.1	750.0 - 750.5
752.0 - 752.1	754.0 - 754.5
756.0 - 756.1	758.0 - 758.5
760.0 - 760.1	762.0 - 762.5
764.0 - 764.1	766.0 - 766.5
768.0 - 768.1	770.0 - 770.5
772.0 - 772.1	774.0 - 774.5
776.0 - 776.1	778.0 - 778.5
780.0 - 780.1	782.0 - 782.5
784.0 - 784.1	786.0 - 786.5
788.0 - 788.1	790.0 - 790.5
792.0 - 792.1	794.0 - 794.5
796.0 - 796.1	798.0 - 798.5
800.0 - 800.1	802.0 - 802.5
804.0 - 804.1	806.0 - 806.5
808.0 - 808.1	810.0 - 810.5
812.0 - 812.1	814.0 - 814.5
816.0 - 816.1	818.0 - 818.5
820.0 - 820.1	822.0 - 822.5
824.0 - 824.1	826.0 - 826.5
828.0 - 828.1	830.0 - 830.5
832.0 - 832.1	834.0 - 834.5
836.0 - 836.1	838.0 - 838.5
840.0 - 840.1	842.0 - 842.5
844.0 - 844.1	846.0 - 846.5
848.0 - 848.1	850.0 - 850.5
852.0 - 852.1	854.0 - 854.5
856.0 - 856.1	858.0 - 858.5
860.0 - 860.1	862.0 - 862.5
864.0 - 864.1	866.0 - 866.5
868.0 - 868.1	870.0 - 870.5
872.0 - 872.1	874.0 - 874.5
876.0 - 876.1	878.0 - 878.5
880.0 - 880.1	882.0 - 882.5
884.0 - 884.1	886.0 - 886.5
888.0 - 888.1	890.0 - 890.5
892.0 - 892.1	894.0 - 894.5
896.0 - 896.1	898.0 - 898.5
900.0 - 900.1	902.0 - 902.5
904.0 - 904.1	906.0 - 906.5
908.0 - 908.1	910.0 - 910.5
912.0 - 912.1	914.0 - 914.5
916.0 - 916.1	918.0 - 918.5
920.0 - 920.1	922.0 - 922.5
924.0 - 924.1	926.0 - 926.5
928.0 - 928.1	930.0 - 930.5
932.0 - 932.1	934.0 - 934.5
936.0 - 936.1	938.0 - 938.5
940.0 - 940.1	942.0 - 942.5
944.0 - 944.1	946.0 - 946.5
948.0 - 948.1	950.0 - 950.5
952.0 - 952.1	954.0 - 954.5
956.0 - 956.1	958.0 - 958.5
960.0 - 960.1	962.0 - 962.5
964.0 - 964.1	966.0 - 966.5
968.0 - 968.1	970.0 - 970.5
972.0 - 972.1	974.0 - 974.5
976.0 - 976.1	978.0 - 978.5
980.0 - 980.1	982.0 - 982.5
984.0 - 984.1	986.0 - 986.5
988.0 - 988.1	990.0 - 990.5
992.0 - 992.1	994.0 - 994.5
996.0 - 996.1	998.0 - 998.5
1000.0 - 1000.1	1002.0 - 1002.5

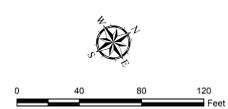
**Abbreviations:**  
 MDL - method detection limit  
 mg/kg - milligram per kilogram  
 NJDEP - New Jersey Department of Environmental Protection  
 RI - Remedial Investigation  
 SSRI - Supplemental Soil Remediation Investigation  
 SRS - Soil Remediation Standard  
 SVOC - semi-volatile organic compound

**Data Qualifiers:**  
 J - Indicates the result was an estimated value; the associated numerical value was an approximate concentration of the analyte in the sample.  
 U - Indicates that the analyte was not detected in the sample above the sample reporting limit.  
 UU - Indicates that the analyte was not detected above the reporting limit and the reporting limit was approximate.

**Notes:**  
 1. Boring locations within the numbered chrome site's boundary are shown for reference purposes only.  
 2. Data are compared to the most stringent of the NJDEP Residential and Non-Residential Direct Contact SRS; last updated September 2017.  
 3. Depths are displayed in feet below ground surface (ft bgs).  
 4. Results are reported in mg/kg.  
 5. Red font indicates an exceedance of the SRS.  
 6. There are some instances where sample results are less than the MDL, but the MDL is slightly greater than the NJDEP remediation standard. These are identified in a bold font in the data tables as less than the MDL value along with the non-detect qualifier (i.e., < 5 U).  
 7. The Jersey City parcels boundaries source is the NJ Composite of Parcels Data with Joined MOD-IV Attributes 2017 dataset from New Jersey Geographic Information Network, available at: [https://origin.state.nj.us/NJ\\_NGIN/Explorer/DataDownloads.jsp](https://origin.state.nj.us/NJ_NGIN/Explorer/DataDownloads.jsp). The parcel boundaries provided by this source are not surveyed data.

**LEGEND**

○ RI BORING OUTSIDE THE NUMBERED CHROME SITE BOUNDARY	● ANALYTICAL RESULTS EXCEEDING THE NJDEP SRS	□ APPROXIMATE SITE BOUNDARIES
● RI BORING INSIDE THE NUMBERED CHROME SITE BOUNDARY	■ BENZO(A)ANTHRACENE (BaA) ≥ 5 mg/kg	□ FORMER MORRIS CANAL
● SSRI BORING	■ BENZO(A)PYRENE (BaP) ≥ 0.5 mg/kg	□ NUMBERED CHROME SITE BOUNDARY
● SSRI BORING INSIDE THE NUMBERED CHROME SITE BOUNDARY	■ BENZOK(F)LUORANTHENE (BbF) ≥ 5 mg/kg	□ APPROXIMATE ADJACENT PROPERTY BOUNDARIES
● ADDITIONAL NON-RI BORING	■ BENZOK(L)FLUORANTHENE (BbL) ≥ 45 mg/kg	□ JERSEY CITY PARCEL BOUNDARIES
● NO SVOC EXCEEDANCE AT THIS BORING LOCATION	■ 2-METHYLNAPHTHALENE (2 Mh) ≥ 230 mg/kg	



**PPG GARFIELD AVENUE GROUP**  
 JERSEY CITY, NEW JERSEY

**SOIL COMPARISON TO NJDEP SRS - NORTHEAST GARFIELD AVENUE SITES, GROUP 1 SVOCs**

DATE: 05/24/2018

FIGURE: 5-16