

| Non-Exceedance Locations | | |
|--------------------------|------------|--------------------|
| Location | Depth (ft) | Parameter |
| B1003 | 0.0 | Al, As, Ba, Be, Cu |
| B1004 | 0.0 | Al, As, Ba, Be, Cu |
| B1005 | 2.0 | Al, As, Ba, Be, Cu |
| B1006 | 2.0 | Al, As, Ba, Be, Cu |
| B1007 | 2.0 | Al, As, Ba, Be, Cu |
| B1008 | 2.0 | Al, As, Ba, Be, Cu |
| B1009 | 2.0 | Al, As, Ba, Be, Cu |
| B1010 | 2.0 | Al, As, Ba, Be, Cu |
| B1011 | 2.0 | Al, As, Ba, Be, Cu |
| B1012 | 2.0 | Al, As, Ba, Be, Cu |
| B1013 | 2.0 | Al, As, Ba, Be, Cu |
| B1014 | 2.0 | Al, As, Ba, Be, Cu |
| B1015 | 2.0 | Al, As, Ba, Be, Cu |
| B1016 | 2.0 | Al, As, Ba, Be, Cu |
| B1017 | 2.0 | Al, As, Ba, Be, Cu |
| B1018 | 2.0 | Al, As, Ba, Be, Cu |
| B1019 | 2.0 | Al, As, Ba, Be, Cu |
| B1020 | 2.0 | Al, As, Ba, Be, Cu |
| B1021 | 2.0 | Al, As, Ba, Be, Cu |
| B1022 | 2.0 | Al, As, Ba, Be, Cu |
| B1023 | 2.0 | Al, As, Ba, Be, Cu |
| B1024 | 2.0 | Al, As, Ba, Be, Cu |
| B1025 | 2.0 | Al, As, Ba, Be, Cu |
| B1026 | 2.0 | Al, As, Ba, Be, Cu |
| B1027 | 2.0 | Al, As, Ba, Be, Cu |
| B1028 | 2.0 | Al, As, Ba, Be, Cu |
| B1029 | 2.0 | Al, As, Ba, Be, Cu |
| B1030 | 2.0 | Al, As, Ba, Be, Cu |
| B1031 | 2.0 | Al, As, Ba, Be, Cu |
| B1032 | 2.0 | Al, As, Ba, Be, Cu |
| B1033 | 2.0 | Al, As, Ba, Be, Cu |
| B1034 | 2.0 | Al, As, Ba, Be, Cu |
| B1035 | 2.0 | Al, As, Ba, Be, Cu |
| B1036 | 2.0 | Al, As, Ba, Be, Cu |
| B1037 | 2.0 | Al, As, Ba, Be, Cu |
| B1038 | 2.0 | Al, As, Ba, Be, Cu |
| B1039 | 2.0 | Al, As, Ba, Be, Cu |
| B1040 | 2.0 | Al, As, Ba, Be, Cu |
| B1041 | 2.0 | Al, As, Ba, Be, Cu |
| B1042 | 2.0 | Al, As, Ba, Be, Cu |
| B1043 | 2.0 | Al, As, Ba, Be, Cu |
| B1044 | 2.0 | Al, As, Ba, Be, Cu |
| B1045 | 2.0 | Al, As, Ba, Be, Cu |
| B1046 | 2.0 | Al, As, Ba, Be, Cu |
| B1047 | 2.0 | Al, As, Ba, Be, Cu |
| B1048 | 2.0 | Al, As, Ba, Be, Cu |
| B1049 | 2.0 | Al, As, Ba, Be, Cu |
| B1050 | 2.0 | Al, As, Ba, Be, Cu |
| B1051 | 2.0 | Al, As, Ba, Be, Cu |
| B1052 | 2.0 | Al, As, Ba, Be, Cu |
| B1053 | 2.0 | Al, As, Ba, Be, Cu |
| B1054 | 2.0 | Al, As, Ba, Be, Cu |
| B1055 | 2.0 | Al, As, Ba, Be, Cu |
| B1056 | 2.0 | Al, As, Ba, Be, Cu |
| B1057 | 2.0 | Al, As, Ba, Be, Cu |
| B1058 | 2.0 | Al, As, Ba, Be, Cu |
| B1059 | 2.0 | Al, As, Ba, Be, Cu |
| B1060 | 2.0 | Al, As, Ba, Be, Cu |
| B1061 | 2.0 | Al, As, Ba, Be, Cu |
| B1062 | 2.0 | Al, As, Ba, Be, Cu |
| B1063 | 2.0 | Al, As, Ba, Be, Cu |
| B1064 | 2.0 | Al, As, Ba, Be, Cu |
| B1065 | 2.0 | Al, As, Ba, Be, Cu |
| B1066 | 2.0 | Al, As, Ba, Be, Cu |
| B1067 | 2.0 | Al, As, Ba, Be, Cu |
| B1068 | 2.0 | Al, As, Ba, Be, Cu |
| B1069 | 2.0 | Al, As, Ba, Be, Cu |
| B1070 | 2.0 | Al, As, Ba, Be, Cu |
| B1071 | 2.0 | Al, As, Ba, Be, Cu |
| B1072 | 2.0 | Al, As, Ba, Be, Cu |
| B1073 | 2.0 | Al, As, Ba, Be, Cu |
| B1074 | 2.0 | Al, As, Ba, Be, Cu |
| B1075 | 2.0 | Al, As, Ba, Be, Cu |
| B1076 | 2.0 | Al, As, Ba, Be, Cu |
| B1077 | 2.0 | Al, As, Ba, Be, Cu |
| B1078 | 2.0 | Al, As, Ba, Be, Cu |
| B1079 | 2.0 | Al, As, Ba, Be, Cu |
| B1080 | 2.0 | Al, As, Ba, Be, Cu |
| B1081 | 2.0 | Al, As, Ba, Be, Cu |
| B1082 | 2.0 | Al, As, Ba, Be, Cu |
| B1083 | 2.0 | Al, As, Ba, Be, Cu |
| B1084 | 2.0 | Al, As, Ba, Be, Cu |
| B1085 | 2.0 | Al, As, Ba, Be, Cu |
| B1086 | 2.0 | Al, As, Ba, Be, Cu |
| B1087 | 2.0 | Al, As, Ba, Be, Cu |
| B1088 | 2.0 | Al, As, Ba, Be, Cu |
| B1089 | 2.0 | Al, As, Ba, Be, Cu |
| B1090 | 2.0 | Al, As, Ba, Be, Cu |
| B1091 | 2.0 | Al, As, Ba, Be, Cu |
| B1092 | 2.0 | Al, As, Ba, Be, Cu |
| B1093 | 2.0 | Al, As, Ba, Be, Cu |
| B1094 | 2.0 | Al, As, Ba, Be, Cu |
| B1095 | 2.0 | Al, As, Ba, Be, Cu |
| B1096 | 2.0 | Al, As, Ba, Be, Cu |
| B1097 | 2.0 | Al, As, Ba, Be, Cu |
| B1098 | 2.0 | Al, As, Ba, Be, Cu |
| B1099 | 2.0 | Al, As, Ba, Be, Cu |
| B1100 | 2.0 | Al, As, Ba, Be, Cu |
| B1101 | 2.0 | Al, As, Ba, Be, Cu |
| B1102 | 2.0 | Al, As, Ba, Be, Cu |
| B1103 | 2.0 | Al, As, Ba, Be, Cu |
| B1104 | 2.0 | Al, As, Ba, Be, Cu |
| B1105 | 2.0 | Al, As, Ba, Be, Cu |
| B1106 | 2.0 | Al, As, Ba, Be, Cu |
| B1107 | 2.0 | Al, As, Ba, Be, Cu |
| B1108 | 2.0 | Al, As, Ba, Be, Cu |
| B1109 | 2.0 | Al, As, Ba, Be, Cu |
| B1110 | 2.0 | Al, As, Ba, Be, Cu |
| B1111 | 2.0 | Al, As, Ba, Be, Cu |
| B1112 | 2.0 | Al, As, Ba, Be, Cu |
| B1113 | 2.0 | Al, As, Ba, Be, Cu |
| B1114 | 2.0 | Al, As, Ba, Be, Cu |
| B1115 | 2.0 | Al, As, Ba, Be, Cu |
| B1116 | 2.0 | Al, As, Ba, Be, Cu |
| B1117 | 2.0 | Al, As, Ba, Be, Cu |
| B1118 | 2.0 | Al, As, Ba, Be, Cu |
| B1119 | 2.0 | Al, As, Ba, Be, Cu |
| B1120 | 2.0 | Al, As, Ba, Be, Cu |
| B1121 | 2.0 | Al, As, Ba, Be, Cu |
| B1122 | 2.0 | Al, As, Ba, Be, Cu |
| B1123 | 2.0 | Al, As, Ba, Be, Cu |
| B1124 | 2.0 | Al, As, Ba, Be, Cu |
| B1125 | 2.0 | Al, As, Ba, Be, Cu |
| B1126 | 2.0 | Al, As, Ba, Be, Cu |
| B1127 | 2.0 | Al, As, Ba, Be, Cu |
| B1128 | 2.0 | Al, As, Ba, Be, Cu |
| B1129 | 2.0 | Al, As, Ba, Be, Cu |
| B1130 | 2.0 | Al, As, Ba, Be, Cu |
| B1131 | 2.0 | Al, As, Ba, Be, Cu |
| B1132 | 2.0 | Al, As, Ba, Be, Cu |
| B1133 | 2.0 | Al, As, Ba, Be, Cu |
| B1134 | 2.0 | Al, As, Ba, Be, Cu |
| B1135 | 2.0 | Al, As, Ba, Be, Cu |
| B1136 | 2.0 | Al, As, Ba, Be, Cu |
| B1137 | 2.0 | Al, As, Ba, Be, Cu |
| B1138 | 2.0 | Al, As, Ba, Be, Cu |
| B1139 | 2.0 | Al, As, Ba, Be, Cu |
| B1140 | 2.0 | Al, As, Ba, Be, Cu |
| B1141 | 2.0 | Al, As, Ba, Be, Cu |
| B1142 | 2.0 | Al, As, Ba, Be, Cu |
| B1143 | 2.0 | Al, As, Ba, Be, Cu |
| B1144 | 2.0 </tr | |



LEGEND

- BORING LOCATIONS
- ANALYTICAL RESULTS EXCEEDING THE NJDEP IGW SSL
 - ALUMINUM (Al) ≥ 3,900 PPM
 - ARSENIC (As) ≥ 19 PPM
 - BARIUM (Ba) ≥ 1,300 PPM
 - BERYLLIUM (Be) ≥ 0.5 PPM
- NO OTHER METALS EXCEEDANCE AT THIS LOCATION
- FORMER MGP BOUNDARY
- FORMER MORRIS CANAL
- EXCAVATION BOUNDARY

| SAMPLE LOCATION | |
|-----------------|---------------|
| (DEPTH IN FEET) | |
| ANALYTE NAME | RESULTS (ppm) |
| | |
| | |
| | |
| | |
| | |

NOTES:

- HORIZONTAL DATUM - NAD 83
- VERTICAL DATUM - NAVD 88
- DATA ARE COMPARED TO THE DEFAULT NJDEP IMPACT TO GROUNDWATER SOIL SCREENING LEVELS (IGW SSL), DECEMBER 2008.
- DATA FOR LOCATIONS WEST AND SOUTH ARE PRESENTED ON SEPARATE MAPS.
- DATA FOR GROUP 2 AND GROUP 3 OTHER METALS ARE PRESENTED ON SEPARATE MAPS.
- RED FONT INDICATES AN EXCEEDANCE OF THE NJDEP IGW SSL.
- "ND" INDICATES FIELD DUPLICATE.
- FORMER MORRIS CANAL LIMITS ARE BASED ON ORIGINAL SURVEYS AND MAPPING BY J.R. BIEN AND C.C. WERHELM, 1991.
- BLANKS INDICATE DATA NOT ANALYZED.

0 70 140 Feet

PPG INDUSTRIES
GARFIELD AVENUE PROJECT AREA, JERSEY CITY
REMEDIATION INVESTIGATION REPORT
HUDSON COUNTY, NEW JERSEY
60154801
DATE: NOVEMBER 2011 DRAWN: J.E.B. CHECKED BY: C.A.D.

FIGURE 5-16
SOIL COMPARISON TO NJDEP IGW SSL -
NORTHEAST GARFIELD AVENUE SITES
GROUP 1 OTHER METALS (ppm)