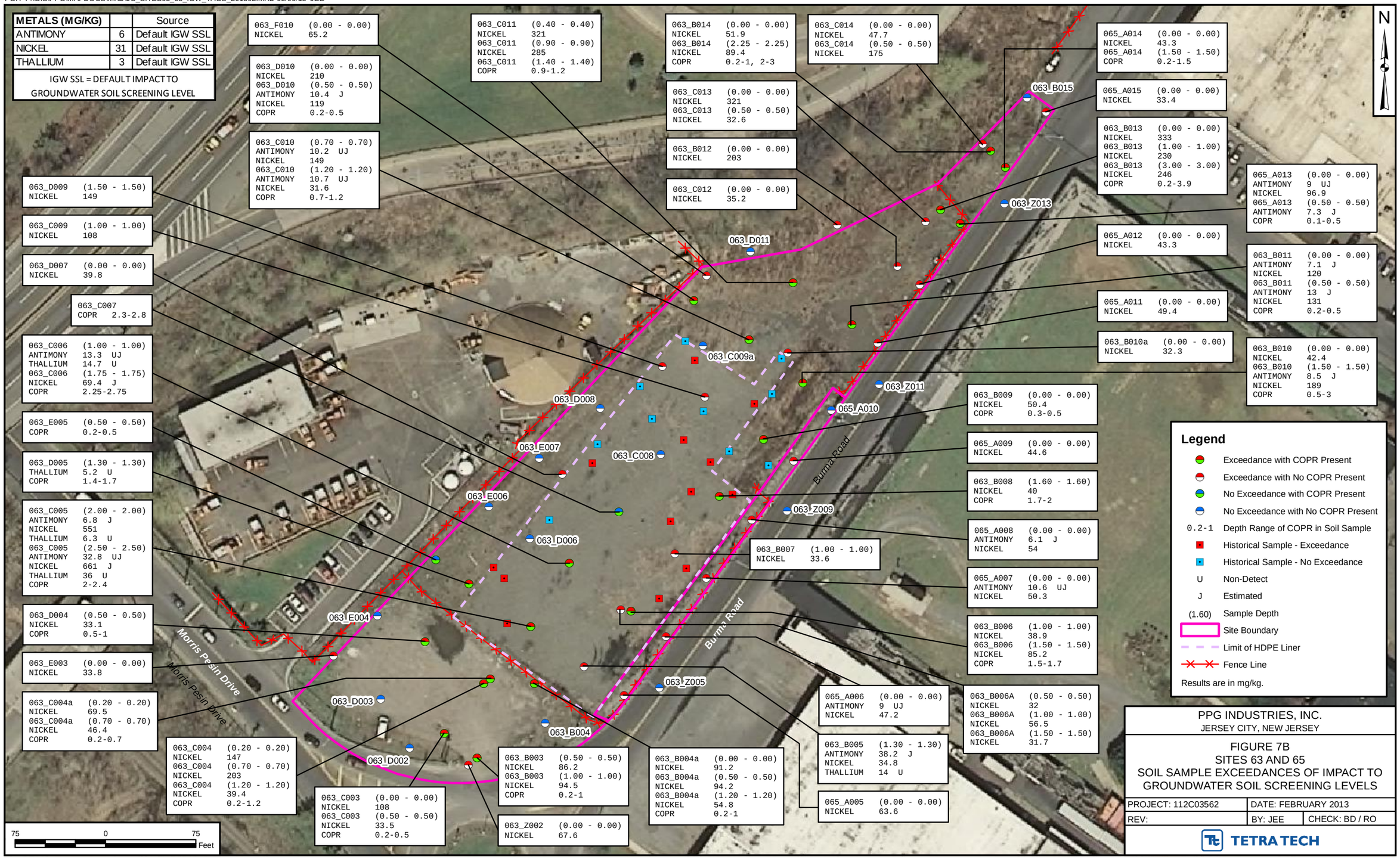
PGH P:\GIS\PPG\MAPDOCS\MXD\JC_SITES63_65_IGW_TAGS_201302.MXD 03/06/13 JEE



METALS (MG/KG)		Source
ANTIMONY	6	Default IGW SSL
NICKEL	31	Default IGW SSL
THALLIUM	3	Default IGW SSL

IGW SSL = DEFAULT IMPACT TO GROUNDWATER SOIL SCREENING LEVEL

063_F010 (0.00 - 0.00)
NICKEL 65.2

063_D010 (0.00 - 0.00)
NICKEL 210
063_D010 (0.50 - 0.50)
ANTIMONY 10.4 J
NICKEL 119
COPR 0.2-0.5

063_C010 (0.70 - 0.70)
ANTIMONY 10.2 UJ
NICKEL 149
063_C010 (1.20 - 1.20)
ANTIMONY 10.7 UJ
NICKEL 31.6
COPR 0.7-1.2

063_D009 (1.50 - 1.50)
NICKEL 149

063_C009 (1.00 - 1.00)
NICKEL 108

063_D007 (0.00 - 0.00)
NICKEL 39.8

063_C007
COPR 2.3-2.8

063_C006 (1.00 - 1.00)
ANTIMONY 13.3 UJ
THALLIUM 14.7 U
063_C006 (1.75 - 1.75)
NICKEL 69.4 J
COPR 2.25-2.75

063_E005 (0.50 - 0.50)
COPR 0.2-0.5

063_D005 (1.30 - 1.30)
THALLIUM 5.2 U
COPR 1.4-1.7

063_C005 (2.00 - 2.00)
ANTIMONY 6.8 J
NICKEL 551
THALLIUM 6.3 U
063_C005 (2.50 - 2.50)
ANTIMONY 32.8 UJ
NICKEL 661 J
THALLIUM 36 U
COPR 2-2.4

063_D004 (0.50 - 0.50)
NICKEL 33.1
COPR 0.5-1

063_E003 (0.00 - 0.00)
NICKEL 33.8

063_C004a (0.20 - 0.20)
NICKEL 69.5
063_C004a (0.70 - 0.70)
NICKEL 46.4
COPR 0.2-0.7

063_C004 (0.20 - 0.20)
NICKEL 147
063_C004 (0.70 - 0.70)
NICKEL 203
063_C004 (1.20 - 1.20)
NICKEL 39.4
COPR 0.2-1.2

063_C003 (0.00 - 0.00)
NICKEL 108
063_C003 (0.50 - 0.50)
NICKEL 33.5
COPR 0.2-0.5

063_C011 (0.40 - 0.40)
NICKEL 321
063_C011 (0.90 - 0.90)
NICKEL 285
063_C011 (1.40 - 1.40)
COPR 0.9-1.2

063_B014 (0.00 - 0.00)
NICKEL 51.9
063_B014 (2.25 - 2.25)
NICKEL 89.4
COPR 0.2-1, 2-3

063_C014 (0.00 - 0.00)
NICKEL 47.7
063_C014 (0.50 - 0.50)
NICKEL 175

063_C013 (0.00 - 0.00)
NICKEL 321
063_C013 (0.50 - 0.50)
NICKEL 32.6

063_B012 (0.00 - 0.00)
NICKEL 203

063_C012 (0.00 - 0.00)
NICKEL 35.2

065_A014 (0.00 - 0.00)
NICKEL 43.3
065_A014 (1.50 - 1.50)
COPR 0.2-1.5

065_A015 (0.00 - 0.00)
NICKEL 33.4

063_B013 (0.00 - 0.00)
NICKEL 333
063_B013 (1.00 - 1.00)
NICKEL 230
063_B013 (3.00 - 3.00)
NICKEL 246
COPR 0.2-3.9

065_A013 (0.00 - 0.00)
ANTIMONY 9 UJ
NICKEL 96.9
065_A013 (0.50 - 0.50)
ANTIMONY 7.3 J
COPR 0.1-0.5

065_A012 (0.00 - 0.00)
NICKEL 43.3

063_B011 (0.00 - 0.00)
ANTIMONY 7.1 J
NICKEL 120
063_B011 (0.50 - 0.50)
ANTIMONY 13 J
NICKEL 131
COPR 0.2-0.5

065_A011 (0.00 - 0.00)
NICKEL 49.4

063_B010a (0.00 - 0.00)
NICKEL 32.3

063_B010 (0.00 - 0.00)
NICKEL 42.4
063_B010 (1.50 - 1.50)
ANTIMONY 8.5 J
NICKEL 189
COPR 0.5-3

063_B009 (0.00 - 0.00)
NICKEL 50.4
COPR 0.3-0.5

065_A009 (0.00 - 0.00)
NICKEL 44.6

063_B008 (1.60 - 1.60)
NICKEL 40
COPR 1.7-2

065_A008 (0.00 - 0.00)
ANTIMONY 6.1 J
NICKEL 54

063_B007 (1.00 - 1.00)
NICKEL 33.6

065_A007 (0.00 - 0.00)
ANTIMONY 10.6 UJ
NICKEL 50.3

063_B006 (1.00 - 1.00)
NICKEL 38.9
063_B006 (1.50 - 1.50)
NICKEL 85.2
COPR 1.5-1.7

063_B006A (0.50 - 0.50)
NICKEL 32
063_B006A (1.00 - 1.00)
NICKEL 56.5
063_B006A (1.50 - 1.50)
NICKEL 31.7

065_A006 (0.00 - 0.00)
ANTIMONY 9 UJ
NICKEL 47.2

063_B005 (1.30 - 1.30)
ANTIMONY 38.2 J
NICKEL 34.8
THALLIUM 14 U

065_A005 (0.00 - 0.00)
NICKEL 63.6

063_B003 (0.50 - 0.50)
NICKEL 86.2
063_B003 (1.00 - 1.00)
NICKEL 94.5
COPR 0.2-1

063_Z002 (0.00 - 0.00)
NICKEL 67.6

063_B004a (0.00 - 0.00)
NICKEL 91.2
063_B004a (0.50 - 0.50)
NICKEL 94.2
063_B004a (1.20 - 1.20)
NICKEL 54.8
COPR 0.2-1

Legend

- Exceedance with COPR Present
- Exceedance with No COPR Present
- No Exceedance with COPR Present
- No Exceedance with No COPR Present
- 0.2-1 Depth Range of COPR in Soil Sample
- Historical Sample - Exceedance
- Historical Sample - No Exceedance
- U Non-Detect
- J Estimated
- (1.60) Sample Depth
- Site Boundary
- Limit of HDPE Liner
- Fence Line

Results are in mg/kg.

PPG INDUSTRIES, INC.
JERSEY CITY, NEW JERSEY

FIGURE 7B
SITES 63 AND 65
SOIL SAMPLE EXCEEDANCES OF IMPACT TO GROUNDWATER SOIL SCREENING LEVELS

PROJECT: 112C03562	DATE: FEBRUARY 2013	
REV:	BY: JEE	CHECK: BD / RO

TETRA TECH