

Table 20

Comparison of Surface Soil Results to Ecological Criteria - Delineation Investigation

Site 16 Remedial Investigation Report
 PPG Industries, Inc.
 Jersey City, New Jersey

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Parameter	Frequency of Detection	Minimum Detected Concentration	Maximum Detected Concentration	Sample of Maximum Detection	Overall Average	Soil Screening Criteria ⁽¹⁾	Hazard Quotient ⁽²⁾
Inorganics (mg/kg)							
ANTIMONY	2/6	0.55 J	0.77	016_G020_0.0_20130115	0.35	0.27	2.9
CHROMIUM	6/6	15.6	3240 J	016_K013_0.0_20130114	566	26 ⁽³⁾	125
NICKEL	6/6	9.7	273 J	016_K013_0.0_20130114	60.1	38 ⁽⁴⁾	7.2
VANADIUM	6/6	12.3	391 J	016_K013_0.0_20130114	82	2	196
Miscellaneous Parameters (MV)							
OXIDATION REDUCTION POTENTIAL	6/6	392	465	016_J019_0.0	417	NC	NA
Miscellaneous Parameters (S.U.)							
PH	6/6	8.41	10.2	016_K013_0.0_20130114	9.07	NC	NA

1 - Lowest New Jersey Ecological Screening Criteria for soil, except where noted

2 - Hazard Quotient = Overall Average Concentration/Screening Criteria

2 - Used chromium +3 value

3 - Lowest of USEPA Ecological Soil Screening Level value as cited in the New Jersey Ecological Screening Criteria table

NC - No criteria

NA - Not applicable

Exceeds Screening Criteria