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LEGEND:

- VANADIUM SOIL SAMPLE LOCATION
- SOIL SAMPLE EXCEEDANCE OF NJDEP RDCRS
- SITE 107 BOUNDARY
- ADJOINING PROPERTY BOUNDARY

NOTE: 1. VANADIUM SOIL SAMPLE CONCENTRATIONS GREATER THAN 5 mg/kg ARE INDICATED BY RED TEXT AS EXCEEDANCES OF THE NJDEP NON-RESIDENTIAL DIRECT CONTACT SOIL REMEDIATION STANDARD.

0 25 50 100 150 200
1 inch = 50 feet
FEET

PROJECT: PPG INDUSTRIES
SITE 107

LOCATION: 18 CHAPEL AVENUE,
BLOCK 1505, LOT Z
CITY OF JERSEY CITY
HUDSON COUNTY, NEW JERSEY

DRAWING TITLE: CHROMATE CHEMICAL PRODUCTION WASTE:
VANADIUM SOIL SAMPLE RESULTS

DRAWN BY:	N.K.	JOB NUMBER:	10226-1
CHECKED BY:	D.N.	FILE:	FIG107_COPY_SBS
DATE:	03/26/13	FIGURE:	100

FIELDSNER ROBIN
References: State of New Jersey Office of Information Technology (2007) 38P-2008, Office of Management & Enterprise Services (2002), New Jersey Department of Transportation (2001)

107 M020	CONC. (mg/kg)
0.0-0.5	104
1.0-1.5	734
2.5-3.0	701
3.0-3.5	217
3.5-4.0	11.7
7.5-8.0	17.4
11.5-12.0	18.3

107 M022	CONC. (mg/kg)
0.0-0.5	130
1.0-1.5	99.1
4.0-4.5	21.5
4.5-5.0	17.9
8.5-9.0	12.8
12.5-13.0	17.3

107 M024	CONC. (mg/kg)
0.0-0.5	66.5
0.5-1.0	120
2.0-2.5	18.5
3.5-4.0	22.1
7.5-8.0	20.1
15.5-16.0	17.3

107 M026	CONC. (mg/kg)
0.0-0.5	41.9
0.5-1.0	547
3.0-3.5	35.6
4.0-4.5	22.1
8.0-8.5	16.2
12.0-12.5	26.1

107 M028	CONC. (mg/kg)
0.0-0.5	147
0.5-1.0	648
1.0-1.5	734
3.5-4.0	18.2
7.5-8.0	15.3
11.5-12.0	11.6

107 M030	CONC. (mg/kg)
0.0-0.5	214
0.5-1.0	134
2.5-3.0	25.7
3.5-4.0	23.1
7.5-8.0	38.4
11.5-12.0	17.0

107 M032	CONC. (mg/kg)
0.0-0.5	24
0.5-1.0	112
1.5-2.0	620
3.0-3.5	30.5
7.0-7.5	15.6
11.0-11.5	16.9

107 M034	CONC. (mg/kg)
0.0-0.5	65.6
3.5-4.0	32.0
7.5-8.0	26.2
11.5-12.0	20.2
15.5-16.0	24.4
19.5-20.0	20.3

107 M036	CONC. (mg/kg)
0.0-0.5	141
3.5-4.0	102
7.5-8.0	26.8
9.5-10.0	27.6
13.5-14.0	25.2
17.5-18.0	21.5

107 M038	CONC. (mg/kg)
0.0-0.5	78.4
3.5-4.0	230
8.0-8.5	24.8
12.0-12.5	20.6
16.0-16.5	20.5

107 M040	CONC. (mg/kg)
0.0-0.5	86.9
3.5-4.0	36.7
7.5-8.0	49.2
8.5-9.0	34.9
12.5-13.0	16.0
16.5-17.0	19.3

107 M042	CONC. (mg/kg)
0.0-0.5	28.9
3.5-4.0	55.9
7.5-8.0	24.3
11.5-12.0	31.3
15.0-15.5	17.7
19.0-19.5	15.8
23.0-23.5	20.4

107 M044	CONC. (mg/kg)
0.0-0.5	152
3.5-4.0	30.3
8.0-8.5	25.8
11.5-12.0	20.1
14.5-15.0	34.6
18.5-19.0	27.7
22.5-23.0	26.3

107 D019	CONC. (mg/kg)
0.0-0.5	29.3
4.0-4.5	10
12.0-12.5	21.3

107 D021	CONC. (mg/kg)
0.0-0.5	33.4
2.5-3.0	32.4
6.5-7.0	11.3
10.5-11.0	18.0

107 D023	CONC. (mg/kg)
0.0-0.5	57.1
3.5-4.0	12.5
7.0-7.5	16.5
11.0-11.5	18.4
15.0-15.5	26.7

107 D027	CONC. (mg/kg)
0.0-0.5	34.7
2.5-3.0	55.6
7.5-8.0	28.3
11.5-12.0	21.1
15.5-16.0	24.3

107 D032	CONC. (mg/kg)
0.0-0.5	33.4
3.5-4.0	25.7
7.5-8.0	23.9
10.0-10.5	45.4
14.5-15.0	15.3
18.5-19.0	16.2

107 D034	CONC. (mg/kg)
0.0-0.5	84.4
3.5-4.0	21.8
7.5-8.0	24.8
11.5-12.0	30.6
15.5-16.0	21.4
19.5-20.0	24.9
23.5-24.0	17.6

107 D036	CONC. (mg/kg)
0.0-0.5	75.0
3.5-4.0	28.6
7.5-8.0	16.4
11.5-12.0	20.8
15.5-16.0	12.8
19.5-20.0	24.9
23.5-24.0	17.6

107 D038	CONC. (mg/kg)
0.0-0.5	82.4
3.5-4.0	29.8
6.5-7.0	29.9
7.0-7.5	508
8.0-8.5	21.4
10.0-10.5	19.8
12.0-12.5	23.2
17.0-17.5	13.2
21.0-21.5	52.0
25.0-25.5	23.7

107 D040	CONC. (mg/kg)
0.0-0.5	44.3
3.5-4.0	44.5
7.5-8.0	21.4
11.5-12.0	60.9
14.0-14.5	11.7
18.0-18.5	38.7
22.0-22.5	27.8

107 D042	CONC. (mg/kg)
0.0-0.5	33.5
3.5-4.0	36.8
7.5-8.0	21.5
15.0-15.5	29.7
19.0-19.5	18.4
23.0-23.5	17.6

107 D044	CONC. (mg/kg)
0.0-0.5	25.1
3.5-4.0	36.2
7.5-8.0	38.0
11.5-12.0	38.9
13.5-14.0	20.4
17.5-18.0	14.6
21.5-22.0	12.2

107 D046	CONC. (mg/kg)
0.0-0.5	20.9
3.5-4.0	25.4
7.5-8.0	19.5
11.5-12.0	15.6
15.5-16.0	16.2
19.5-20.0	12.3

107 D048	CONC. (mg/kg)
0.0-0.5	56.0
3.5-4.0	38.7
7.5-8.0	18.2
11.5-12.0	20.7
15.5-16.0	18.4
16.5-17.0	23.4
20.5-21.0	35.5
24.5-25.0	14.5

107 D025	CONC. (mg/kg)
0.0-0.5	41.0
3.5-4.0	33.4
7.5-8.0	31.6
11.5-12.0	59.1
15.5-16.0	17.0
19.5-20.0	12.4

107 D028A	CONC. (mg/kg)
0.0-0.5	62.3
3.5-4.0	100
6.0-6.5	24.9
9.0-9.5	21.0
10.0-10.5	16.7
14.0-14.5	22.5
18.0-18.5	21.1

107 D029	CONC. (mg/kg)
0.0-0.5	46.2
3.5-4.0	45.3
7.5-8.0	19.6
10.5-11.0	13.2
14.5-15.0	22.0
18.5-19.0	22.0

107 D031	CONC. (mg/kg)
0.0-0.5	48.5
3.5-4.0	19.8
6.5-7.0	29.0
7.0-7.5	16.5
11.5-12.0	15.8
15.5-16.0	20.1
19.5-20.0	18.0

107 D034	CONC. (mg/kg)
0.0-0.5	91.7
3.5-4.0	29.3
7.5-8.0	23.4
11.0-11.5	13.9
15.0-15.5	24.7
19.0-19.5	29.5

107 D036	CONC. (mg/kg)
0.0-0.5	59.6
5.0-5.5	87.2
6.0-6.5	402
7.0-7.5	24.8
15.0-15.5	19.3
19.0-19.5	21.4
23.0-23.5	11.7

107 D038	CONC. (mg/kg)
0.0-0.5	195
5.0-5.5	25.2
6.0-6.5	21.5

107 D034	CONC. (mg/kg)
0.0-0.5	47.5
3.5-4.0	22.0
7.5-8.0	18.0
10.5-11.0	11.5
14.5-15.0	18.6
18.5-19.0	10.4

107 F038	CONC. (mg/kg)
6.0-6.5	243