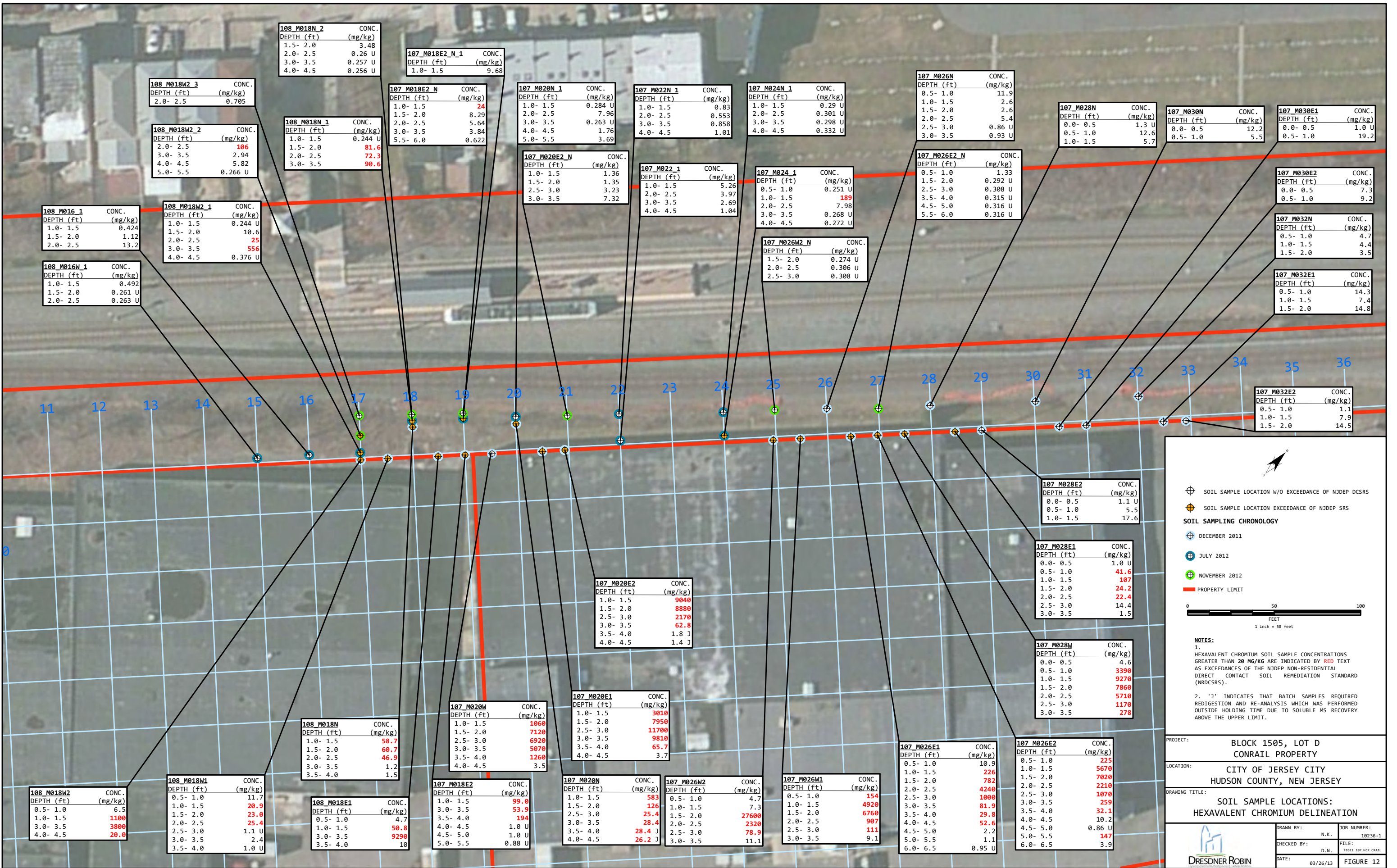


Path: Q:\env\Projects\10236-1_Pittsburgh Plate and Glass - Site 107-108\SURVEY-GIS DATA\GIS3-2013-107\REV-REV\FIG12_107_HCR_CBAIL_rev1.mxd



108 M016 1 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
1.0- 1.5	0.424
1.5- 2.0	1.12
2.0- 2.5	13.2

108 M016W 1 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
1.0- 1.5	0.492
1.5- 2.0	0.261 U
2.0- 2.5	0.263 U

108 M018W2 3 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
2.0- 2.5	0.705

108 M018W2 2 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
2.0- 2.5	106
3.0- 3.5	2.94
4.0- 4.5	5.82
5.0- 5.5	0.266 U

108 M018N 2 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
1.5- 2.0	3.48
2.0- 2.5	0.26 U
3.0- 3.5	0.257 U
4.0- 4.5	0.256 U

108 M018N 1 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
1.0- 1.5	0.244 U
1.5- 2.0	81.6
2.0- 2.5	72.3
3.0- 3.5	90.6

107 M018E2 N 1 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
1.0- 1.5	9.68

107 M018E2 N CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
1.0- 1.5	24
1.5- 2.0	8.29
2.0- 2.5	5.64
3.0- 3.5	3.84
5.5- 6.0	0.622

107 M020N 1 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
1.0- 1.5	0.284 U
2.0- 2.5	7.96
3.0- 3.5	0.263 U
4.0- 4.5	1.76
5.0- 5.5	3.69

107 M020E2 N CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
1.0- 1.5	1.36
1.5- 2.0	1.35
2.5- 3.0	3.23
3.0- 3.5	7.32

107 M022N 1 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
1.0- 1.5	0.83
2.0- 2.5	0.553
3.0- 3.5	0.858
4.0- 4.5	1.01

107 M022 1 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
1.0- 1.5	5.26
2.0- 2.5	3.97
3.0- 3.5	2.69
4.0- 4.5	1.04

107 M024N 1 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
1.0- 1.5	0.29 U
2.0- 2.5	0.301 U
3.0- 3.5	0.298 U
4.0- 4.5	0.332 U

107 M024 1 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
0.5- 1.0	0.251 U
1.0- 1.5	189
2.0- 2.5	7.98
3.0- 3.5	0.268 U
4.0- 4.5	0.272 U

107 M026W2 N CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
1.5- 2.0	0.274 U
2.0- 2.5	0.306 U
2.5- 3.0	0.308 U

107 M026N CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
0.5- 1.0	11.9
1.0- 1.5	2.6
1.5- 2.0	2.6
2.0- 2.5	5.4
2.5- 3.0	0.86 U
3.0- 3.5	0.93 U

107 M026E2 N CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
0.5- 1.0	1.33
1.5- 2.0	0.292 U
2.5- 3.0	0.308 U
3.5- 4.0	0.315 U
4.5- 5.0	0.316 U
5.5- 6.0	0.316 U

107 M028N CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
0.0- 0.5	1.3 U
0.5- 1.0	12.6
1.0- 1.5	5.7

107 M030N CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
0.0- 0.5	12.2
0.5- 1.0	5.5

107 M030E1 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
0.0- 0.5	1.0 U
0.5- 1.0	19.2

107 M030E2 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
0.0- 0.5	7.3
0.5- 1.0	9.2

107 M032N CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
0.5- 1.0	4.7
1.0- 1.5	4.4
1.5- 2.0	3.5

107 M032E1 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
0.5- 1.0	14.3
1.0- 1.5	7.4
1.5- 2.0	14.8

107 M032E2 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
0.5- 1.0	1.1
1.0- 1.5	7.9
1.5- 2.0	14.5

107 M020E2 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
1.0- 1.5	9040
1.5- 2.0	8880
2.5- 3.0	2170
3.0- 3.5	62.8
3.5- 4.0	1.8 J
4.0- 4.5	1.4 J

107 M028E2 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
0.0- 0.5	1.1 U
0.5- 1.0	5.5
1.0- 1.5	17.6

107 M028E1 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
0.0- 0.5	1.0 U
0.5- 1.0	41.6
1.0- 1.5	107
1.5- 2.0	24.2
2.0- 2.5	22.4
2.5- 3.0	14.4
3.0- 3.5	1.5

107 M028W CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
0.0- 0.5	4.6
0.5- 1.0	3390
1.0- 1.5	9270
1.5- 2.0	7860
2.0- 2.5	5710
2.5- 3.0	1170
3.0- 3.5	278

108 M018N CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
1.0- 1.5	58.7
1.5- 2.0	60.7
2.0- 2.5	46.9
3.0- 3.5	1.2
3.5- 4.0	1.5

107 M020W CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
1.0- 1.5	3010
1.5- 2.0	7950
2.5- 3.0	11700
3.0- 3.5	9810
3.5- 4.0	65.7
4.0- 4.5	3.7

107 M020E1 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
1.0- 1.5	3010
1.5- 2.0	7950
2.5- 3.0	11700
3.0- 3.5	9810
3.5- 4.0	65.7
4.0- 4.5	3.7

108 M018W2 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
0.5- 1.0	11.7
1.0- 1.5	20.9
1.5- 2.0	23.0
2.0- 2.5	25.4
2.5- 3.0	1.1 U
3.0- 3.5	2.4
3.5- 4.0	1.0 U

108 M018W1 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
0.5- 1.0	11.7
1.0- 1.5	20.9
1.5- 2.0	23.0
2.0- 2.5	25.4
2.5- 3.0	1.1 U
3.0- 3.5	2.4
3.5- 4.0	1.0 U

108 M018E1 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
0.5- 1.0	4.7
1.0- 1.5	50.8
3.0- 3.5	9290
3.5- 4.0	10

107 M018E2 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
1.0- 1.5	99.0
3.0- 3.5	53.9
3.5- 4.0	194
4.0- 4.5	1.0 U
4.5- 5.0	1.0 U
5.0- 5.5	0.88 U

107 M020N CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
1.0- 1.5	583
1.5- 2.0	126
2.5- 3.0	25.4
3.0- 3.5	28.4
3.5- 4.0	28.4 J
4.0- 4.5	26.2 J

107 M026W2 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
0.5- 1.0	4.7
1.0- 1.5	7.3
1.5- 2.0	27600
2.0- 2.5	2320
2.5- 3.0	78.9
3.0- 3.5	11.1

107 M026W1 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
0.5- 1.0	154
1.0- 1.5	4920
1.5- 2.0	6760
2.0- 2.5	81.9
3.0- 3.5	29.8
4.0- 4.5	52.6
4.5- 5.0	2.2
5.0- 5.5	1.1
6.0- 6.5	0.95 U

107 M026E1 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
0.5- 1.0	10.9
1.0- 1.5	226
1.5- 2.0	782
2.0- 2.5	4240
2.5- 3.0	1000
3.0- 3.5	81.9
3.5- 4.0	29.8
4.0- 4.5	52.6
4.5- 5.0	2.2
5.0- 5.5	1.1
6.0- 6.5	0.95 U

107 M026E2 CONC. (mg/kg)

DEPTH (ft)	CONC. (mg/kg)
0.5- 1.0	225
1.0- 1.5	5670
1.5- 2.0	7020
2.0- 2.5	2210
2.5- 3.0	1070
3.0- 3.5	259
3.5- 4.0	32.1
4.0- 4.5	10.2
4.5- 5.0	0.86 U
5.0- 5.5	147
6.0- 6.5	3.9

SOIL SAMPLE LOCATION W/O EXCEEDANCE OF NJDEP DCRS
 SOIL SAMPLE LOCATION EXCEEDANCE OF NJDEP SRS

SOIL SAMPLING CHRONOLOGY

DECEMBER 2011
 JULY 2012
 NOVEMBER 2012

PROPERTY LIMIT

0 50 100
 FEET
 1 inch = 50 feet

NOTES:

- HEXAVALENT CHROMIUM SOIL SAMPLE CONCENTRATIONS GREATER THAN 20 MG/KG ARE INDICATED BY RED TEXT AS EXCEEDANCES OF THE NJDEP NON-RESIDENTIAL DIRECT CONTACT SOIL REMEDIATION STANDARD (NRDCRS).
- 'J' INDICATES THAT BATCH SAMPLES REQUIRED REDIGESTION AND RE-ANALYSIS WHICH WAS PERFORMED OUTSIDE HOLDING TIME DUE TO SOLUBLE MS RECOVERY ABOVE THE UPPER LIMIT.

PROJECT: BLOCK 1505, LOT D
 CONRAIL PROPERTY
 LOCATION: CITY OF JERSEY CITY
 HUDSON COUNTY, NEW JERSEY
 DRAWING TITLE: SOIL SAMPLE LOCATIONS:
 HEXAVALENT CHROMIUM DELINEATION

DRAWN BY:	N.K.	JOB NUMBER:	10236-1
CHECKED BY:	D.N.	FILE:	FIG12_107_HCR_CBAIL
DATE:	03/26/13	FIGURE	12

DRESDNER ROBIN