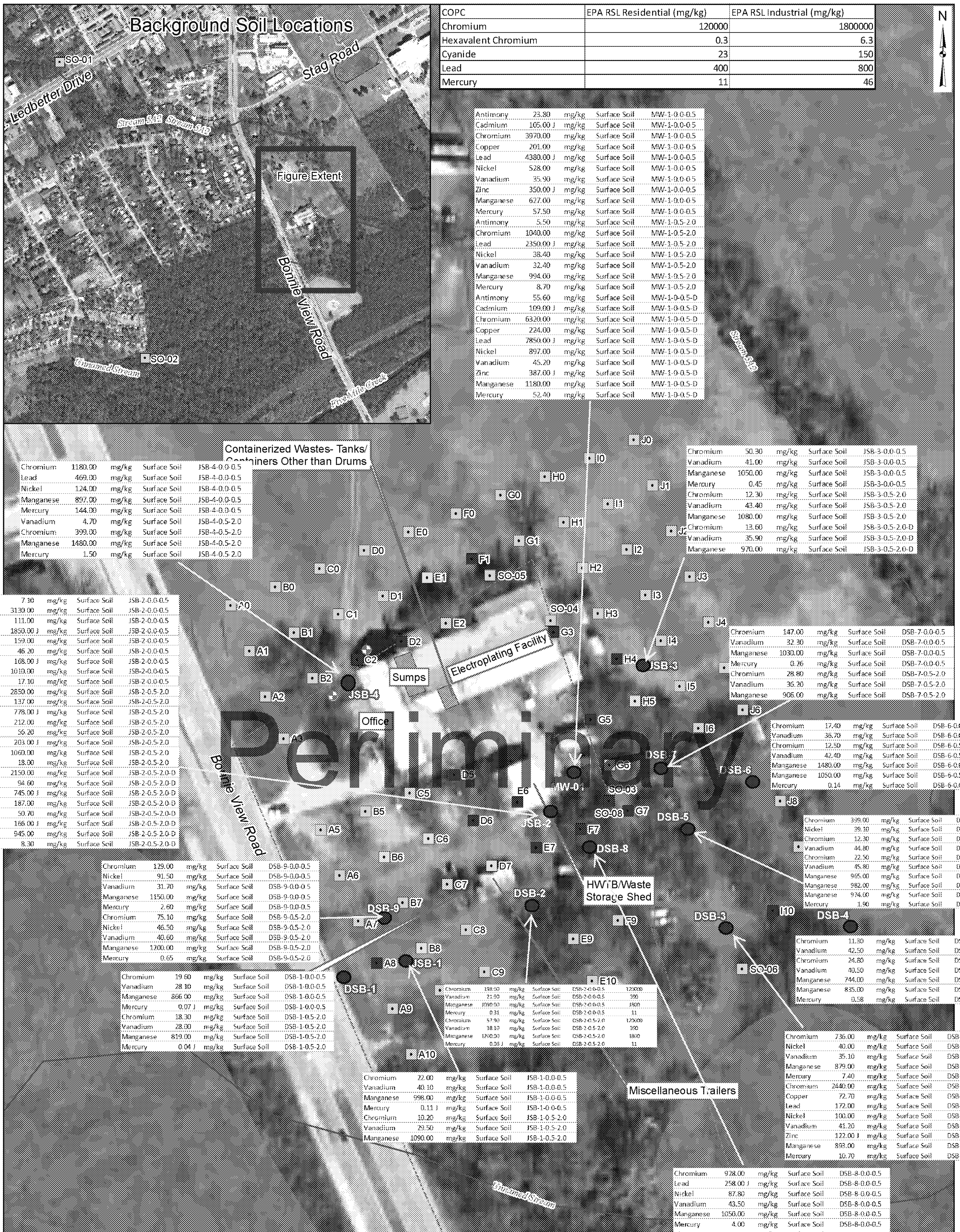

COPC	EPA RSL Residential (mg/kg)	EPA RSL Industrial (mg/kg)
Chromium	120000	1800000
Hexavalent Chromium	0.3	6.3
Cyanide	23	150
Lead	400	800
Mercury	11	46

Antimony	23.80	mg/kg	Surface Soil	MW-1-0.0-0.5
Cadmium	105.00 J	mg/kg	Surface Soil	MW-1-0.0-0.5
Chromium	3970.00	mg/kg	Surface Soil	MW-1-0.0-0.5
Copper	201.00	mg/kg	Surface Soil	MW-1-0.0-0.5
Lead	4380.00 J	mg/kg	Surface Soil	MW-1-0.0-0.5
Nickel	528.00	mg/kg	Surface Soil	MW-1-0.0-0.5
Vanadium	35.90	mg/kg	Surface Soil	MW-1-0.0-0.5
Zinc	350.00 J	mg/kg	Surface Soil	MW-1-0.0-0.5
Manganese	627.00	mg/kg	Surface Soil	MW-1-0.0-0.5
Mercury	57.50	mg/kg	Surface Soil	MW-1-0.0-0.5
Antimony	5.50	mg/kg	Surface Soil	MW-1-0.5-2.0
Chromium	1040.00	mg/kg	Surface Soil	MW-1-0.5-2.0
Lead	2350.00 J	mg/kg	Surface Soil	MW-1-0.5-2.0
Nickel	38.40	mg/kg	Surface Soil	MW-1-0.5-2.0
Vanadium	32.40	mg/kg	Surface Soil	MW-1-0.5-2.0
Manganese	994.00	mg/kg	Surface Soil	MW-1-0.5-2.0
Mercury	8.70	mg/kg	Surface Soil	MW-1-0.5-2.0
Antimony	55.60	mg/kg	Surface Soil	MW-1-0-0.5-D
Cadmium	109.00 J	mg/kg	Surface Soil	MW-1-0-0.5-D
Chromium	6320.00	mg/kg	Surface Soil	MW-1-0-0.5-D
Copper	224.00	mg/kg	Surface Soil	MW-1-0-0.5-D
Lead	7850.00 J	mg/kg	Surface Soil	MW-1-0-0.5-D
Nickel	897.00	mg/kg	Surface Soil	MW-1-0-0.5-D
Vanadium	45.20	mg/kg	Surface Soil	MW-1-0-0.5-D
Zinc	387.00 J	mg/kg	Surface Soil	MW-1-0-0.5-D
Manganese	1180.00	mg/kg	Surface Soil	MW-1-0-0.5-D
Mercury	52.40	mg/kg	Surface Soil	MW-1-0-0.5-D

Chromium	1180.00	mg/kg	Surface Soil	JSB-4-0.0-0.5
Lead	469.00	mg/kg	Surface Soil	JSB-4-0.0-0.5
Nickel	124.00	mg/kg	Surface Soil	JSB-4-0.0-0.5
Manganese	897.00	mg/kg	Surface Soil	JSB-4-0.0-0.5
Mercury	144.00	mg/kg	Surface Soil	JSB-4-0.0-0.5
Vanadium	4.70	mg/kg	Surface Soil	JSB-4-0.5-2.0
Chromium	399.00	mg/kg	Surface Soil	JSB-4-0.5-2.0
Manganese	1480.00	mg/kg	Surface Soil	JSB-4-0.5-2.0
Mercury	1.50	mg/kg	Surface Soil	JSB-4-0.5-2.0

Chromium	50.30	mg/kg	Surface Soil	JSB-3-0.0-0.5
Vanadium	41.00	mg/kg	Surface Soil	JSB-3-0.0-0.5
Manganese	1050.00	mg/kg	Surface Soil	JSB-3-0.0-0.5
Mercury	0.45	mg/kg	Surface Soil	JSB-3-0.0-0.5
Chromium	12.30	mg/kg	Surface Soil	JSB-3-0.5-2.0
Vanadium	43.40	mg/kg	Surface Soil	JSB-3-0.5-2.0
Manganese	1080.00	mg/kg	Surface Soil	JSB-3-0.5-2.0
Chromium	13.60	mg/kg	Surface Soil	JSB-3-0.5-2.0-D
Vanadium	35.90	mg/kg	Surface Soil	JSB-3-0.5-2.0-D
Manganese	970.00	mg/kg	Surface Soil	JSB-3-0.5-2.0-D

Antimony	7.10	mg/kg	Surface Soil	JSB-2-0.0-0.5
Chromium	3130.00	mg/kg	Surface Soil	JSB-2-0.0-0.5
Copper	111.00	mg/kg	Surface Soil	JSB-2-0.0-0.5
Lead	1850.00 J	mg/kg	Surface Soil	JSB-2-0.0-0.5
Nickel	159.00	mg/kg	Surface Soil	JSB-2-0.0-0.5
Vanadium	46.20	mg/kg	Surface Soil	JSB-2-0.0-0.5
Zinc	168.00 J	mg/kg	Surface Soil	JSB-2-0.0-0.5
Manganese	1010.00	mg/kg	Surface Soil	JSB-2-0.0-0.5
Mercury	17.10	mg/kg	Surface Soil	JSB-2-0.0-0.5
Chromium	2850.00	mg/kg	Surface Soil	JSB-2-0.5-2.0
Copper	137.00	mg/kg	Surface Soil	JSB-2-0.5-2.0
Lead	778.00 J	mg/kg	Surface Soil	JSB-2-0.5-2.0
Nickel	212.00	mg/kg	Surface Soil	JSB-2-0.5-2.0
Vanadium	56.20	mg/kg	Surface Soil	JSB-2-0.5-2.0
Zinc	203.00 J	mg/kg	Surface Soil	JSB-2-0.5-2.0
Manganese	1060.00	mg/kg	Surface Soil	JSB-2-0.5-2.0
Mercury	18.00	mg/kg	Surface Soil	JSB-2-0.5-2.0
Chromium	2150.00	mg/kg	Surface Soil	JSB-2-0.5-2.0-D
Copper	94.60	mg/kg	Surface Soil	JSB-2-0.5-2.0-D
Lead	745.00 J	mg/kg	Surface Soil	JSB-2-0.5-2.0-D
Nickel	187.00	mg/kg	Surface Soil	JSB-2-0.5-2.0-D
Vanadium	50.70	mg/kg	Surface Soil	JSB-2-0.5-2.0-D
Zinc	166.00 J	mg/kg	Surface Soil	JSB-2-0.5-2.0-D
Manganese	945.00	mg/kg	Surface Soil	JSB-2-0.5-2.0-D
Mercury	8.30	mg/kg	Surface Soil	JSB-2-0.5-2.0-D

Chromium	147.00	mg/kg	Surface Soil	DSB-7-0.0-0.5
Vanadium	32.30	mg/kg	Surface Soil	DSB-7-0.0-0.5
Manganese	1030.00	mg/kg	Surface Soil	DSB-7-0.0-0.5
Mercury	0.26	mg/kg	Surface Soil	DSB-7-0.0-0.5
Chromium	28.80	mg/kg	Surface Soil	DSB-7-0.5-2.0
Vanadium	36.20	mg/kg	Surface Soil	DSB-7-0.5-2.0
Manganese	906.00	mg/kg	Surface Soil	DSB-7-0.5-2.0

Chromium	17.40	mg/kg	Surface Soil	DSB-6-0.0-0.5
Vanadium	36.70	mg/kg	Surface Soil	DSB-6-0.0-0.5
Chromium	12.50	mg/kg	Surface Soil	DSB-6-0.5-2.0
Vanadium	42.40	mg/kg	Surface Soil	DSB-6-0.5-2.0
Manganese	1480.00	mg/kg	Surface Soil	DSB-6-0.0-0.5
Manganese	1050.00	mg/kg	Surface Soil	DSB-6-0.5-2.0
Mercury	0.14	mg/kg	Surface Soil	DSB-6-0.0-0.5

Chromium	399.00	mg/kg	Surface Soil	DSB-5-0.0-0.5
Nickel	39.10	mg/kg	Surface Soil	DSB-5-0.0-0.5
Chromium	12.30	mg/kg	Surface Soil	DSB-5-0.5-2.0
Vanadium	44.80	mg/kg	Surface Soil	DSB-5-0.5-2.0
Chromium	22.50	mg/kg	Surface Soil	DSB-5-0.5-2.0-D
Vanadium	45.80	mg/kg	Surface Soil	DSB-5-0.5-2.0-D
Manganese	965.00	mg/kg	Surface Soil	DSB-5-0.0-0.5
Manganese	982.00	mg/kg	Surface Soil	DSB-5-0.5-2.0
Manganese	974.00	mg/kg	Surface Soil	DSB-5-0.5-2.0-D
Mercury	1.90	mg/kg	Surface Soil	DSB-5-0.0-0.5

Chromium	129.00	mg/kg	Surface Soil	DSB-9-0.0-0.5
Nickel	91.50	mg/kg	Surface Soil	DSB-9-0.0-0.5
Vanadium	31.70	mg/kg	Surface Soil	DSB-9-0.0-0.5
Manganese	1150.00	mg/kg	Surface Soil	DSB-9-0.0-0.5
Mercury	2.60	mg/kg	Surface Soil	DSB-9-0.0-0.5
Chromium	75.10	mg/kg	Surface Soil	DSB-9-0.5-2.0
Nickel	46.50	mg/kg	Surface Soil	DSB-9-0.5-2.0
Vanadium	40.60	mg/kg	Surface Soil	DSB-9-0.5-2.0
Manganese	1200.00	mg/kg	Surface Soil	DSB-9-0.5-2.0
Mercury	0.65	mg/kg	Surface Soil	DSB-9-0.5-2.0

Chromium	11.30	mg/kg	Surface Soil	DSB-4-0.0-0.5
Vanadium	42.50	mg/kg	Surface Soil	DSB-4-0.0-0.5
Chromium	24.80	mg/kg	Surface Soil	DSB-4-0.5-2.0
Vanadium	40.50	mg/kg	Surface Soil	DSB-4-0.5-2.0
Manganese	744.00	mg/kg	Surface Soil	DSB-4-0.0-0.5
Manganese	835.00	mg/kg	Surface Soil	DSB-4-0.5-2.0
Mercury	0.58	mg/kg	Surface Soil	DSB-4-0.0-0.5

Chromium	19.60	mg/kg	Surface Soil	DSB-1-0.0-0.5
Vanadium	28.10	mg/kg	Surface Soil	DSB-1-0.0-0.5
Manganese	866.00	mg/kg	Surface Soil	DSB-1-0.0-0.5
Mercury	0.97 J	mg/kg	Surface Soil	DSB-1-0.0-0.5
Chromium	18.30	mg/kg	Surface Soil	DSB-1-0.5-2.0
Vanadium	28.00	mg/kg	Surface Soil	DSB-1-0.5-2.0
Manganese	819.00	mg/kg	Surface Soil	DSB-1-0.5-2.0
Mercury	0.04 J	mg/kg	Surface Soil	DSB-1-0.5-2.0

Chromium	198.00	mg/kg	Surface Soil	DSB-2-0.0-0.5	120000
Vanadium	21.90	mg/kg	Surface Soil	DSB-2-0.0-0.5	390
Manganese	1090.00	mg/kg	Surface Soil	DSB-2-0.0-0.5	1800
Mercury	0.31	mg/kg	Surface Soil	DSB-2-0.0-0.5	11
Chromium	57.90	mg/kg	Surface Soil	DSB-2-0.5-2.0	120000
Vanadium	38.10	mg/kg	Surface Soil	DSB-2-0.5-2.0	390
Manganese	1200.00	mg/kg	Surface Soil	DSB-2-0.5-2.0	1800
Mercury	0.06 J	mg/kg	Surface Soil	DSB-2-0.5-2.0	11

Chromium	22.00	mg/kg	Surface Soil	JSB-1-0.0-0.5
Vanadium	40.10	mg/kg	Surface Soil	JSB-1-0.0-0.5
Manganese	998.00	mg/kg	Surface Soil	JSB-1-0.0-0.5
Mercury	0.11 J	mg/kg	Surface Soil	JSB-1-0.0-0.5
Chromium	10.20	mg/kg	Surface Soil	JSB-1-0.5-2.0
Vanadium	29.50	mg/kg	Surface Soil	JSB-1-0.5-2.0
Manganese	1090.00	mg/kg	Surface Soil	JSB-1-0.5-2.0

Chromium	736.00	mg/kg	Surface Soil	DSB-3-0.0-0.5
Nickel	40.00	mg/kg	Surface Soil	DSB-3-0.0-0.5
Vanadium	35.10	mg/kg	Surface Soil	DSB-3-0.0-0.5
Manganese	879.00	mg/kg	Surface Soil	DSB-3-0.0-0.5
Mercury	7.40	mg/kg	Surface Soil	DSB-3-0.0-0.5
Chromium	2440.00	mg/kg	Surface Soil	DSB-3-0.5-2.0
Copper	72.70	mg/kg	Surface Soil	DSB-3-0.5-2.0
Lead	172.00	mg/kg	Surface Soil	DSB-3-0.5-2.0
Nickel	100.00	mg/kg	Surface Soil	DSB-3-0.5-2.0
Vanadium	41.20	mg/kg	Surface Soil	DSB-3-0.5-2.0
Zinc	122.00 J	mg/kg	Surface Soil	DSB-3-0.5-2.0
Manganese	893.00	mg/kg	Surface Soil	DSB-3-0.5-2.0
Mercury	10.70	mg/kg	Surface Soil	DSB-3-0.5-2.0

Chromium	928.00	mg/kg	Surface Soil	DSB-8-0.0-0.5
Lead	258.00 J	mg/kg	Surface Soil	DSB-8-0.0-0.5
Nickel	87.80	mg/kg	Surface Soil	DSB-8-0.0-0.5
Vanadium	43.50	mg/kg	Surface Soil	DSB-8-0.0-0.5
Manganese	1050.00	mg/kg	Surface Soil	DSB-8-0.0-0.5
Mercury	4.00	mg/kg	Surface Soil	DSB-8-0.0-0.5
Chromium	728.00	mg/kg	Surface Soil	DSB-8-0.0-0.5-D
Lead	142.00 J	mg/kg	Surface Soil	DSB-8-0.0-0.5-D
Nickel	70.80	mg/kg	Surface Soil	DSB-8-0.0-0.5-D
Vanadium	40.30	mg/kg	Surface Soil	DSB-8-0.0-0.5-D
Manganese	792.00	mg/kg	Surface Soil	DSB-8-0.0-0.5-D
Mercury	1.50	mg/kg	Surface Soil	DSB-8-0.0-0.5-D
Chromium	296.00	mg/kg	Surface Soil	DSB-8-0.5-2.0
Vanadium	37.30	mg/kg	Surface Soil	DSB-8-0.5-2.0
Manganese	1340.00	mg/kg	Surface Soil	DSB-8-0.5-2.0

Legend

Soil Human Health COPC Exceedances

- Greater than EPA Industrial RSL
- Greater than or equal to EPA Residential RSL and less than Industrial RSL
- Does not exceed EPA RSL for residential and industrial use
- Freshwater Forested/Shrub Wetland
- Discrete Soil Sample Locations for Nature and Extent
- Judgmental Soil Sample Location for Potential Source Areas
- On-site Wells
- Stream
- Approximate Site Boundary

NOTES
COPC - Chemical of potential concern
EPA - Environmental Protection Agency
RSL - Regional Screening Level
mg/kg - Milligrams per kilogram
Detected results as qualified by U.S. EPA

Lane Plating Works, Inc. Superfund Site
Dallas, Dallas County, Texas

Imagery Source: Texas Orthoimagery Program 2015 0.5 Meter DOQQ, Texas Strategic Mapping Program, 2015.

Other metals Exceeding Ecological SLs in surface soil collected during the Phase 1 RI Sampling Event

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