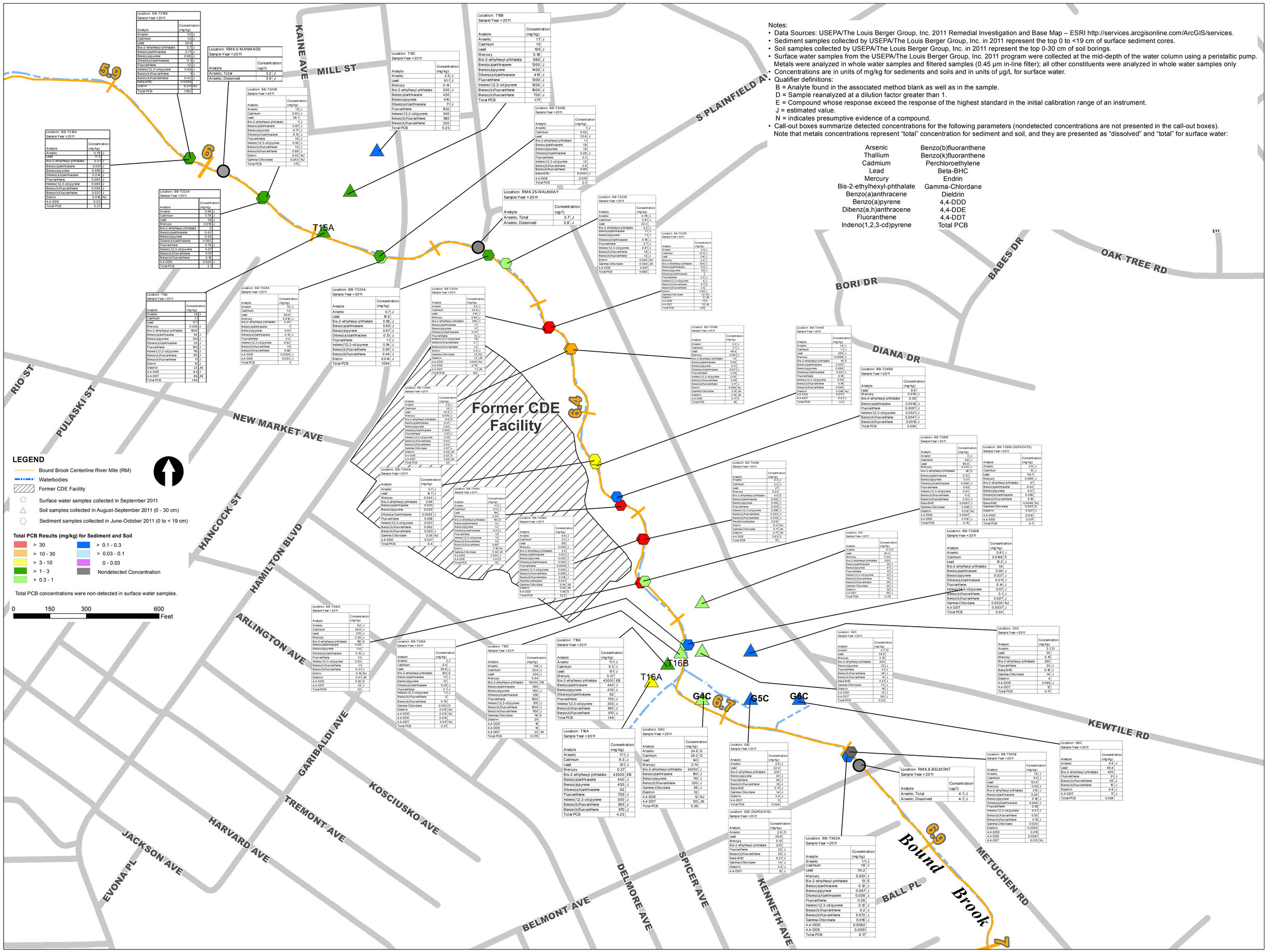
Notes:
- Data Sources: USEPA/The Louis Berger Group, Inc. 2011 Remedial Investigation and Base Map – ESRI http://services.arcgisonline.com/ArcGIS/services.
- Sediment samples collected by USEPA/The Louis Berger Group, Inc. in 2011 represent the top 0 to <19 cm of surface sediment cores.
- Soil samples collected by USEPA/The Louis Berger Group, Inc. in 2011 represent the top 0-30 cm of soil borings.
- Surface water samples from the USEPA/The Louis Berger Group, Inc. 2011 program were collected at the mid-depth of the water column using a peristaltic pump. Metals were analyzed in whole water samples and filtered samples (0.45 µm in-line filter); all other constituents were analyzed in whole water samples only
- Concentrations are in units of mg/kg for sediments and soils and in units of µg/L for surface water.
- Qualifier definitions:
  B = Analyte found in the associated method blank as well as in the sample.
  D = Sample reanalyzed at a dilution factor greater than 1.
  E = Compound whose response exceed the response of the highest standard in the initial calibration range of an instrument.
  J = estimated value.
  N = indicates presumptive evidence of a compound.
- Call-out boxes summarize detected concentrations for the following parameters (nondetected concentrations are not presented in the call-out boxes). Note that metals concentrations represent "total" concentration for sediment and soil, and they are presented as "dissolved" and "total" for surface water:

Arsenic	Benzo(b)fluoranthene
Thallium	Benzo(k)fluoranthene
Cadmium	Perchloroethylene
Lead	Beta-BHC
Mercury	Endrin
Bis-2-ethylhexyl-phthalate	Gamma-Chlordane
Benzo(a)anthracene	Dieldrin
Benzo(a)pyrene	4,4-DDD
Dibenz(a,h)anthracene	4,4-DDE
Fluoranthene	4,4-DDT
Indeno(1,2,3-cd)pyrene	Total PCB



Location: BB-T319A
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	0.79 J
Lead	17 J
Bis-2-ethylhexyl-phthalate	1.27 J
Benzo(a)anthracene	0.05 J
Benzo(a)pyrene	0.09 J
Dibenz(a,h)anthracene	0.014 J
Fluoranthene	0.093 J
Indeno(1,2,3-cd)pyrene	0.069 J
Benzo(b)fluoranthene	0.099 J
Benzo(k)fluoranthene	0.037 J
Endrin	0.018 NJ
4,4-DDE	0.03
Total PCB	2.37

Location: BB-T319B
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	13 J
Cadmium	13 J
Lead	35.5
Bis-2-ethylhexyl-phthalate	3.7 J
Benzo(a)anthracene	0.71 J
Benzo(a)pyrene	0.66 J
Dibenz(a,h)anthracene	0.1 J
Fluoranthene	1.2 J
Indeno(1,2,3-cd)pyrene	0.85 J
Benzo(b)fluoranthene	1 J
Benzo(k)fluoranthene	0.43 J
Beta-BHC	0.0095
Endrin	0.011 NJ
Total PCB	1.92

Location: RM6.0-MANMADE
Sample Year = 2011

Analyte	Concentration (ug/l)
Arsenic, Total	3.2 J
Arsenic, Dissolved	3.9 J

Location: BB-T323B
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	1.5 J
Cadmium	0.93 J
Lead	28.1
Bis-2-ethylhexyl-phthalate	1 J
Benzo(a)anthracene	0.87 J
Benzo(a)pyrene	0.77 J
Dibenz(a,h)anthracene	0.13 J
Fluoranthene	1.6 J
Indeno(1,2,3-cd)pyrene	0.53 J
Benzo(b)fluoranthene	1.3 J
Benzo(k)fluoranthene	0.69 J
Endrin	0.02 NJ
Gamma-Chlordane	0.043 NJ
Total PCB	1.73

Location: BB-T323A
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	0.96 J
Cadmium	0.78 J
Lead	35 J
Mercury	0.016 J
Bis-2-ethylhexyl-phthalate	2
Benzo(a)anthracene	0.42
Benzo(a)pyrene	0.38
Dibenz(a,h)anthracene	0.062
Fluoranthene	0.79 J
Indeno(1,2,3-cd)pyrene	0.27
Benzo(b)fluoranthene	0.97
Benzo(k)fluoranthene	0.18
4,4-DDE	0.029 J
Total PCB	2.1

Location: T15A
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	19 J
Cadmium	1.1
Lead	97.7
Mercury	0.053 J
Bis-2-ethylhexyl-phthalate	1800
Benzo(a)anthracene	84 J
Benzo(a)pyrene	120 J
Dibenz(a,h)anthracene	33 J
Fluoranthene	160 J
Indeno(1,2,3-cd)pyrene	110 J
Benzo(b)fluoranthene	170 J
Benzo(k)fluoranthene	71 J
Endrin	10 J
Dieldrin	23 JN
4,4-DDE	8.5 J
4,4-DDT	69 JN
Total PCB	184

Location: BB-T328A
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	16 J
Cadmium	13
Lead	80.6
Mercury	0.016 J
Bis-2-ethylhexyl-phthalate	0.34
Benzo(a)anthracene	1
Benzo(a)pyrene	0.91
Dibenz(a,h)anthracene	0.15 J
Fluoranthene	2.2
Indeno(1,2,3-cd)pyrene	0.62
Benzo(b)fluoranthene	1.5
Benzo(k)fluoranthene	0.58
4,4-DDD	0.0035 J
4,4-DDE	0.033 J
Total PCB	5

Location: BB-T333A
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	0.7 J
Lead	16.9
Bis-2-ethylhexyl-phthalate	0.56 J
Benzo(a)anthracene	0.65 J
Benzo(a)pyrene	0.67 J
Dibenz(a,h)anthracene	0.13 J
Fluoranthene	1.3 J
Indeno(1,2,3-cd)pyrene	0.54 J
Benzo(b)fluoranthene	0.99 J
Benzo(k)fluoranthene	0.46 J
Endrin	0.014 J
Total PCB	10.64

Location: BB-T337A
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	5.4 J
Cadmium	22.5 J
Lead	274 J
Mercury	0.46 J
Bis-2-ethylhexyl-phthalate	260 J
Benzo(a)anthracene	17
Benzo(a)pyrene	17
Dibenz(a,h)anthracene	0.37
Fluoranthene	14 J
Indeno(1,2,3-cd)pyrene	11
Benzo(b)fluoranthene	27
Benzo(k)fluoranthene	12
Endrin	0.8 J
Gamma-Chlordane	12 NJ
Dieldrin	1.3 JN
4,4-DDD	0.049 NJ
4,4-DDE	0.78
4,4-DDT	1.3 JN
Total PCB	124

Location: BB-T339A
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	2.9 J
Cadmium	1.9 J
Lead	42.6 J
Mercury	0.079 J
Bis-2-ethylhexyl-phthalate	8.6 E
Benzo(a)anthracene	0.37
Benzo(a)pyrene	0.44
Dibenz(a,h)anthracene	0.065
Fluoranthene	0.67 J
Indeno(1,2,3-cd)pyrene	0.35
Benzo(b)fluoranthene	0.43
Benzo(k)fluoranthene	0.24
Gamma-Chlordane	0.37 J
Dieldrin	0.28 JN
4,4-DDE	0.22 E
4,4-DDT	0.95 JN
Total PCB	25

Location: BB-T344A
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	3.7 J
Lead	14.7 J
Mercury	0.042 J
Bis-2-ethylhexyl-phthalate	0.86
Benzo(a)anthracene	0.035
Benzo(a)pyrene	0.033
Dibenz(a,h)anthracene	0.0082 J
Fluoranthene	0.058
Indeno(1,2,3-cd)pyrene	0.037
Benzo(b)fluoranthene	0.062
Benzo(k)fluoranthene	0.025 J
Gamma-Chlordane	0.06 NJ
4,4-DDE	0.027
Total PCB	6.4

Location: BB-T346A
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	11.7 J
Cadmium	214 J
Lead	166
Mercury	0.28
Bis-2-ethylhexyl-phthalate	160 E
Benzo(a)anthracene	14
Benzo(a)pyrene	12
Dibenz(a,h)anthracene	0.31 J
Fluoranthene	15
Indeno(1,2,3-cd)pyrene	15
Benzo(b)fluoranthene	18
Benzo(k)fluoranthene	5.66
Endrin	0.18 NJ
Gamma-Chlordane	0.38 JN
4,4-DDD	0.034 J
4,4-DDE	0.41 E
Total PCB	51

Location: BB-T348A
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	4.6 J
Cadmium	2.2 J
Lead	126
Mercury	0.028 J
Bis-2-ethylhexyl-phthalate	2.4
Benzo(a)anthracene	0.021 J
Benzo(a)pyrene	0.022 J
Dibenz(a,h)anthracene	0.006 J
Fluoranthene	0.0095 J
Indeno(1,2,3-cd)pyrene	0.029 J
Benzo(b)fluoranthene	0.068 J
Benzo(k)fluoranthene	0.018 J
Perchloroethylene	0.03
Gamma-Chlordane	0.44 JN
Dieldrin	0.49 JN
4,4-DDE	0.18 E
Total PCB	32.3

Location: BB-T328B
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	1 J
Cadmium	0.92
Lead	33.6 J
Bis-2-ethylhexyl-phthalate	1.1
Benzo(a)anthracene	1.8
Benzo(a)pyrene	1.6
Dibenz(a,h)anthracene	0.28 J
Fluoranthene	3.3
Indeno(1,2,3-cd)pyrene	1.2
Benzo(b)fluoranthene	2.9
Benzo(k)fluoranthene	0.99
Beta-BHC	0.0061 J
4,4-DDE	0.035
Total PCB	2.3

Location: RM6.25-WALKWAY
Sample Year = 2011

Analyte	Concentration (ug/l)
Arsenic, Total	3.7 J
Arsenic, Dissolved	3.8 J

Location: BB-T333B
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	0.78 J
Cadmium	0.81 J
Lead	22.2
Bis-2-ethylhexyl-phthalate	3.2 J
Benzo(a)anthracene	1.1 J
Benzo(a)pyrene	1.1 J
Dibenz(a,h)anthracene	0.18 J
Fluoranthene	2.7 J
Indeno(1,2,3-cd)pyrene	0.91 J
Benzo(b)fluoranthene	1.8 J
Benzo(k)fluoranthene	1.2 J
Endrin	0.022 NJ
Gamma-Chlordane	0.044 JN
4,4-DDE	0.007
Total PCB	0.882

Location: BB-T337B
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	3.5 J
Cadmium	33.5 J
Lead	276 J
Mercury	0.4 J
Bis-2-ethylhexyl-phthalate	300 J
Benzo(a)anthracene	6.5 J
Benzo(a)pyrene	5.5 J
Dibenz(a,h)anthracene	0.7 J
Fluoranthene	7.2 J
Indeno(1,2,3-cd)pyrene	4 J
Benzo(b)fluoranthene	8.7 E
Benzo(k)fluoranthene	2.5
Endrin	0.65 J
Gamma-Chlordane	12 NJ
Dieldrin	2 JN
4,4-DDE	1.1 E
4,4-DDT	19 JN
Total PCB	235

Location: BB-T339B
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	3.3 J
Cadmium	2.7 J
Lead	46.9
Mercury	0.081 J
Bis-2-ethylhexyl-phthalate	13
Benzo(a)anthracene	0.29
Benzo(a)pyrene	0.31
Dibenz(a,h)anthracene	0.021 J
Fluoranthene	0.8
Indeno(1,2,3-cd)pyrene	0.39
Benzo(b)fluoranthene	0.45
Benzo(k)fluoranthene	0.17 J
Endrin	0.084 NJ
Gamma-Chlordane	0.16 JN
Dieldrin	0.16 JN
4,4-DDE	0.17 E
Total PCB	18

Location: BB-T344B
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	14 J
Cadmium	1.1 J
Lead	229 J
Mercury	0.0068 J
Bis-2-ethylhexyl-phthalate	10 E
Benzo(a)anthracene	0.097
Benzo(a)pyrene	0.089
Dibenz(a,h)anthracene	0.021 J
Fluoranthene	0.18
Indeno(1,2,3-cd)pyrene	0.09
Benzo(b)fluoranthene	0.18
Benzo(k)fluoranthene	0.069
Dieldrin	0.098 NJ
4,4-DDE	0.037
4,4-DDT	0.21 J
Total PCB	3.2

Location: BB-T346B
Sample Year = 2011

Analyte	Concentration (mg/kg)
Lead	5.6
Mercury	0.019 J
Bis-2-ethylhexyl-phthalate	0.39
Benzo(a)anthracene	0.0018 J
Fluoranthene	0.0087 J
Indeno(1,2,3-cd)pyrene	0.0021 J
Benzo(b)fluoranthene	0.0047 J
Benzo(k)fluoranthene	0.0018 J
Total PCB	0.054

Location: BB-T350B
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	3 J
Cadmium	5.6 J
Lead	80.9
Mercury	0.072 J
Bis-2-ethylhexyl-phthalate	56 E
Benzo(a)anthracene	0.33
Benzo(a)pyrene	0.31
Dibenz(a,h)anthracene	0.066 J
Fluoranthene	0.65
Indeno(1,2,3-cd)pyrene	0.43
Benzo(b)fluoranthene	0.5
Benzo(k)fluoranthene	0.23 J
Beta-BHC	0.0087 J
Gamma-Chlordane	0.05 J
Dieldrin	0.02 NJ
4,4-DDD	0.0087
4,4-DDE	0.012 J
Total PCB	0.78

Location: BB-T350B (DUPLICATE)
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	2.6 J
Cadmium	15 J
Lead	65.7
Mercury	0.089 J
Bis-2-ethylhexyl-phthalate	41
Benzo(a)anthracene	0.22
Benzo(a)pyrene	0.21
Dibenz(a,h)anthracene	0.056
Fluoranthene	0.18
Beta-BHC	0.0046 NJ
Gamma-Chlordane	0.093 E
Dieldrin	0.02 NJ
4,4-DDD	0.02 J
4,4-DDE	0.017
Total PCB	0.7

Location: G1C
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	6.7 D
Lead	64.2
Mercury	0.24
Bis-2-ethylhexyl-phthalate	620
Benzo(a)anthracene	39 J
Benzo(a)pyrene	47 J
Fluoranthene	84 J
Indeno(1,2,3-cd)pyrene	33 J
Benzo(b)fluoranthene	75 J
Benzo(k)fluoranthene	28 J
Gamma-Chlordane	22 J
Dieldrin	53 J
4,4-DDT	170 J
Total PCB	0.75

Location: BB-T353B
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	0.81 J
Cadmium	0.0108 E
Lead	10.2 J
Bis-2-ethylhexyl-phthalate	16
Benzo(a)anthracene	0.06 J
Benzo(a)pyrene	0.037 J
Dibenz(a,h)anthracene	0.01 J
Fluoranthene	0.14 J
Indeno(1,2,3-cd)pyrene	0.07 J
Benzo(b)fluoranthene	0.1 J
Benzo(k)fluoranthene	0.027 J
Gamma-Chlordane	0.0036 NJ
4,4-DDT	0.0037 J
Total PCB	0.04

Location: BB-T350A
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	5.2 J
Cadmium	34.6 J
Lead	272 J
Mercury	0.36 J
Bis-2-ethylhexyl-phthalate	150 E
Benzo(a)anthracene	0.94
Indeno(1,2,3-cd)pyrene	0.6
Dibenz(a,h)anthracene	0.14 J
Fluoranthene	1.5
Indeno(1,2,3-cd)pyrene	0.93
Benzo(b)fluoranthene	1.1
Benzo(k)fluoranthene	0.31 J
Endrin	0.16 NJ
Dieldrin	0.41 JN
4,4-DDE	0.52 E
4,4-DDT	18 J
Total PCB	32

Location: BB-T353A
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	1 J
Cadmium	2.4
Lead	26.8 J
Bis-2-ethylhexyl-phthalate	100 E
Benzo(a)anthracene	1.3 J
Benzo(a)pyrene	1.2
Dibenz(a,h)anthracene	0.25 J
Fluoranthene	2.1 J
Indeno(1,2,3-cd)pyrene	1.1 J
Benzo(b)fluoranthene	2
Benzo(k)fluoranthene	0.76
Gamma-Chlordane	0.043 E
Dieldrin	0.012 NJ
4,4-DDD	0.012 NJ
4,4-DDE	0.094
4,4-DDT	0.07 NJ
Total PCB	0.37

Location: T16C
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	11.8 J
Cadmium	25.4 J
Lead	334 J
Mercury	0.44
Bis-2-ethylhexyl-phthalate	16000 EB
Benzo(a)anthracene	990
Benzo(a)pyrene	1100 J
Dibenz(a,h)anthracene	250
Fluoranthene	1900
Indeno(1,2,3-cd)pyrene	570 J
Benzo(b)fluoranthene	1600 J
Benzo(k)fluoranthene	1100 J
Gamma-Chlordane	110 E
Dieldrin	29
4,4-DDD	16
4,4-DDE	14
4,4-DDT	22 JN
Total PCB	0.379

Location: T16B
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	11.1 J
Cadmium	9.3 J
Lead	131 J
Mercury	0.37
Bis-2-ethylhexyl-phthalate	43000 EB
Benzo(a)anthracene	440 J
Benzo(a)pyrene	430 J
Dibenz(a,h)anthracene	92
Fluoranthene	730 J
Indeno(1,2,3-cd)pyrene	300 J
Benzo(b)fluoranthene	540 J
Benzo(k)fluoranthene	570 J
Total PCB	149

Location: T16A
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	11.1 J
Cadmium	9.3 J
Lead	131 J
Mercury	0.37
Bis-2-ethylhexyl-phthalate	43000 EB
Benzo(a)anthracene	440 J
Benzo(a)pyrene	430 J
Dibenz(a,h)anthracene	92
Fluoranthene	730 J
Indeno(1,2,3-cd)pyrene	300 J
Benzo(b)fluoranthene	540 J
Benzo(k)fluoranthene	570 J
Total PCB	4.23

Location: G4C
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	24.8 D
Cadmium	26.2 D
Lead	143
Mercury	0.74
Bis-2-ethylhexyl-phthalate	24000 J
Benzo(a)anthracene	160 J
Benzo(a)pyrene	170 J
Benzo(b)fluoranthene	300 J
Gamma-Chlordane	86 J
Dieldrin	32
4,4-DDE	12 NJ
4,4-DDT	130 JN
Total PCB	0.36

Location: G5C
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	2.6 J
Lead	22.3
Bis-2-ethylhexyl-phthalate	230
Benzo(a)pyrene	20 J
Fluoranthene	36 J
Benzo(b)fluoranthene	35 J
Beta-BHC	0.17 J
Gamma-Chlordane	14 J
Dieldrin	3.4 J
4,4-DDT	11
Total PCB	0.044

Location: G5C (DUPLICATE)
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	2.9 D
Lead	29.6
Mercury	0.13
Bis-2-ethylhexyl-phthalate	230
Fluoranthene	32 J
Benzo(b)fluoranthene	29 J
Beta-BHC	0.21 J
Gamma-Chlordane	14 J
Dieldrin	3.5 J
4,4-DDT	12 J

Location: G2C
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	4.7 D
Lead	33.6
Mercury	0.16
Bis-2-ethylhexyl-phthalate	240
Benzo(a)pyrene	22 J
Fluoranthene	41 J
Benzo(b)fluoranthene	36 J
Benzo(k)fluoranthene	14 J
Beta-BHC	0.31 J
Gamma-Chlordane	7.2 J
Dieldrin	16 J
4,4-DDD	1.2 J
4,4-DDT	910 J
Total PCB	0.33

Location: G3C
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	3.1 D
Lead	30
Mercury	0.15
Bis-2-ethylhexyl-phthalate	380
Fluoranthene	24 J
Beta-BHC	0.18 J
Gamma-Chlordane	18 J
Dieldrin	4
4,4-DDD	0.065 J
4,4-DDT	12
Total PCB	0.17

Location: RM6.8-BELMONT
Sample Year = 2011

Analyte	Concentration (ug/l)
Arsenic, Total	4.1 J
Arsenic, Dissolved	4.1 J

Location: BB-T363B
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	19 J
Cadmium	9.5 J
Lead	83.8
Mercury	0.05 J
Bis-2-ethylhexyl-phthalate	210 J
Benzo(a)anthracene	0.28
Benzo(a)pyrene	0.18 J
Dibenz(a,h)anthracene	0.049 J
Fluoranthene	0.55
Indeno(1,2,3-cd)pyrene	0.21 J
Benzo(b)fluoranthene	0.53
Benzo(k)fluoranthene	0.15 J
Gamma-Chlordane	0.034
Dieldrin	0.0083
4,4-DDD	0.016
4,4-DDE	0.0081
4,4-DDT	0.015 NJ

Location: G6C
Sample Year = 2011

Analyte	Concentration (mg/kg)
Arsenic	4.8 J
Lead	49.4
Bis-2-ethylhexyl-phthalate	400
Fluoranthene	31 J
Benzo(b)fluoranthene	26 J
Benzo(k)fluoranthene	10 J
Dieldrin	4.8 J
4,4-DDT	17 J
Total PCB	0.054

Location: BB-T363A
Sample Year = 2011

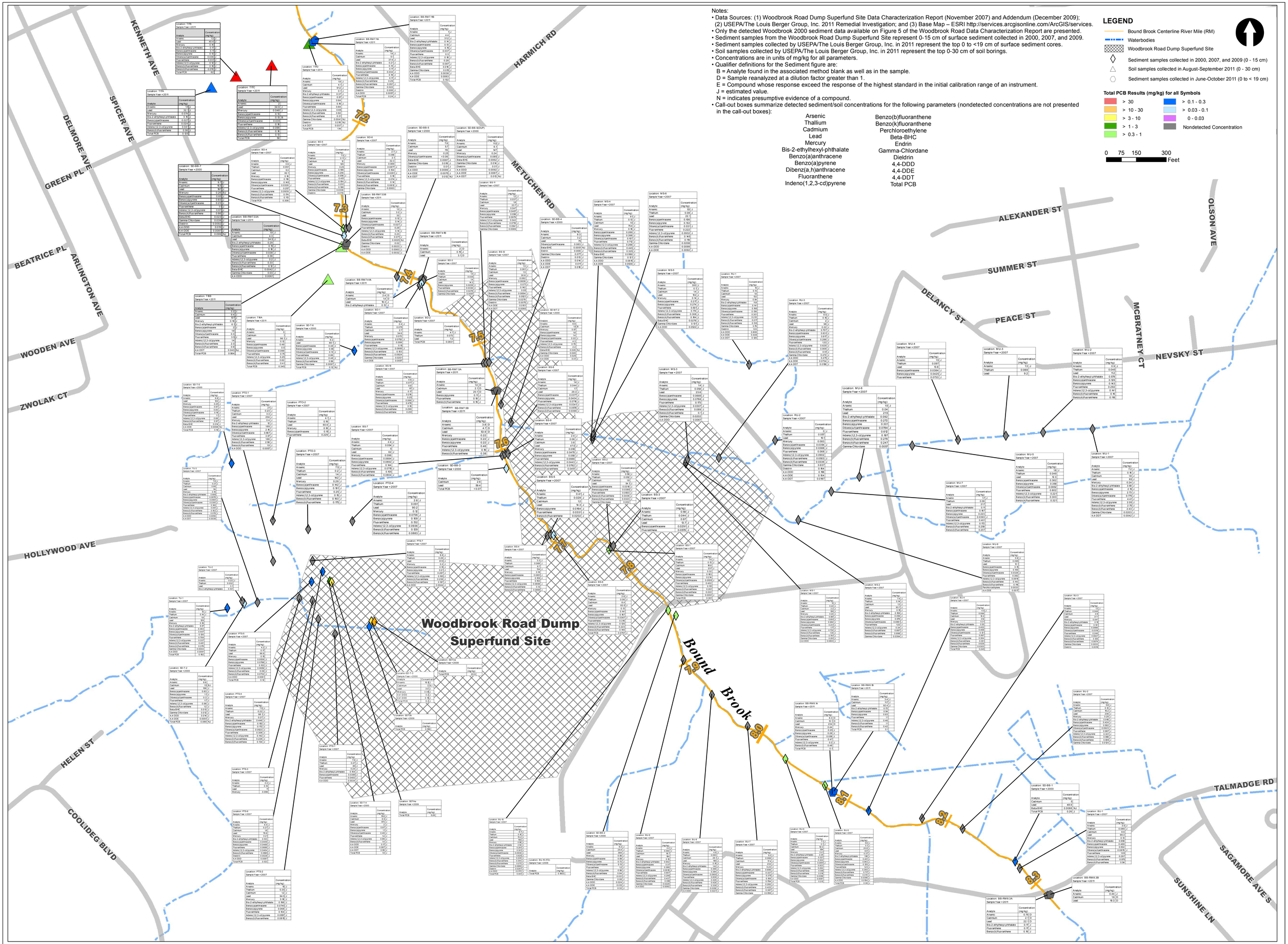
Analyte	Concentration (mg/kg)
Arsenic	1.1 J
Cadmium	1.8 J
Lead	30.2
Mercury	0.053 J
Bis-2-ethylhexyl-phthalate	13 E
Benzo(a)anthracene	0.12 J
Benzo(a)pyrene	0.097 J
Dibenz(a,h)anthracene	0.026 J
Fluoranthene	0.26
Indeno(1,2,3-cd)pyrene	0.12 J
Benzo(b)fluoranthene	0.2 J
Benzo(k)fluoranthene	0.072 J
Gamma-Chlordane	0.016 J
4,4-DDD	0.0082
4,4-DDE	0.0051
Total PCB	0.17

Detected Surface Water, Soil and Sediment Contaminant Concentrations near the Former Cornell-Dubilier Electronics (CDE) Facility

DRAFT FINAL

2013

Figure C-1



Notes:
- Data Sources: (1) Woodbrook Road Dump Superfund Site Data Characterization Report (November 2007) and Addendum (December 2009); (2) USEPA/The Louis Berger Group, Inc. 2011 Remedial Investigation; and (3) Base Map – ESRI http://services.arcgisonline.com/ArcGIS/services.
- Only the detected Woodbrook 2000 sediment data available on Figure 5 of the Woodbrook Road Data Characterization Report are presented.
- Sediment samples from the Woodbrook Road Dump Superfund Site represent 0-15 cm of surface sediment collected in 2000, 2007, and 2009.
- Sediment samples collected by USEPA/The Louis Berger Group, Inc. in 2011 represent the top 0 to <19 cm of surface sediment cores.
- Soil samples collected by USEPA/The Louis Berger Group, Inc. in 2011 represent the top 0-30 cm of soil borings.
- Concentrations are in units of mg/kg for all parameters.
- Qualifier definitions for the Sediment figure are:
  B = Analyte found in the associated method blank as well as in the sample.
  D = Sample reanalyzed at a dilution factor greater than 1.
  E = Compound whose response exceed the response of the highest standard in the initial calibration range of an instrument.
  J = estimated value.
  N = indicates presumptive evidence of a compound.
- Call-out boxes summarize detected sediment/soil concentrations for the following parameters (nondetected concentrations are not presented in the call-out boxes):

Arsenic	Benzo(b)fluoranthene
Thallium	Benzo(k)fluoranthene
Cadmium	Perchloroethylene
Lead	Beta-BHC
Mercury	Endrin
Bis-2-ethylhexyl-phthalate	Gamma-Chlordane
Benzo(a)anthracene	Dieldrin
Benzo(a)pyrene	4,4-DDD
Dibenz(a,h)anthracene	4,4-DDE
Fluoranthene	4,4-DDT
Indeno(1,2,3-cd)pyrene	Total PCB

LEGEND

- Bound Brook Centerline River Mile (RM)
- Waterbodies
- Woodbrook Road Dump Superfund Site
- Sediment samples collected in 2000, 2007, and 2009 (0 - 15 cm)
- Soil samples collected in August-September 2011 (0 - 30 cm)
- Sediment samples collected in June-October 2011 (0 to < 19 cm)

Total PCB Results (mg/kg) for all Symbols

- > 30
- > 10 - 30
- > 3 - 10
- > 1 - 3
- > 0.3 - 1
- > 0.1 - 0.3
- > 0.03 - 0.1
- 0 - 0.03
- Nondetected Concentration

0 75 150 300 Feet

Detected Surface Soil and Sediment Contaminant Concentrations Within and Proximal to the Woodbrook Road Dump Superfund Site

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Figure C-2

Notes:
- Data Sources: (1) Woodbrook Road Dump Superfund Site Data Characterization Report (November 2007) and Addendum (December 2009); (2) USEPA/The Louis Berger Group, Inc. 2011 Remedial Investigation; and (3) Base Map – ESRI http://services.arcgisonline.com/ArcGIS/services.
- Only the detected Woodbrook 2000 sediment data available on Figure 19 of the Woodbrook Road Data Characterization Report are presented.
- Surface water samples from the Woodbrook Road Dump Superfund Site were collected in 2000 and 2007 using bottle submersion techniques.
- Surface water samples from the USEPA/The Louis Berger Group, Inc. 2011 program were collected at the mid-depth of the water column using a peristaltic pump. Metals were analyzed in whole water samples and filtered samples (0.45 µm in-line filter); all other constituents were analyzed in whole water samples only.
- Concentrations are in units of µg/L for all parameters.
- Qualifier definitions for the Surface water figure are:
  J = Estimated value.
  B = Analyte found in the associated method blank as well as in the sample.
- Call-out boxes summarize detected surface water concentrations for the following parameters (nondetected concentrations are not presented in the call-out boxes):

Arsenic (Dissolved and Total)
Thallium (Dissolved and Total)
Cadmium (Dissolved and Total)
Lead (Dissolved and Total)
Mercury (Dissolved and Total)
Bis-2-ethylhexyl-phthalate
Benzo(a)anthracene
Benzo(a)pyrene
Dibenz(a,h)anthracene
Fluoranthene
Indeno(1,2,3-cd)pyrene
Benzo(b)fluoranthene
Benzo(k)fluoranthene
Perchloroethylene
Beta-BHC
Endrin
Gamma-Chlordane
Dieldrin
4,4-DDD
4,4-DDE
4,4-DDT
Total PCB

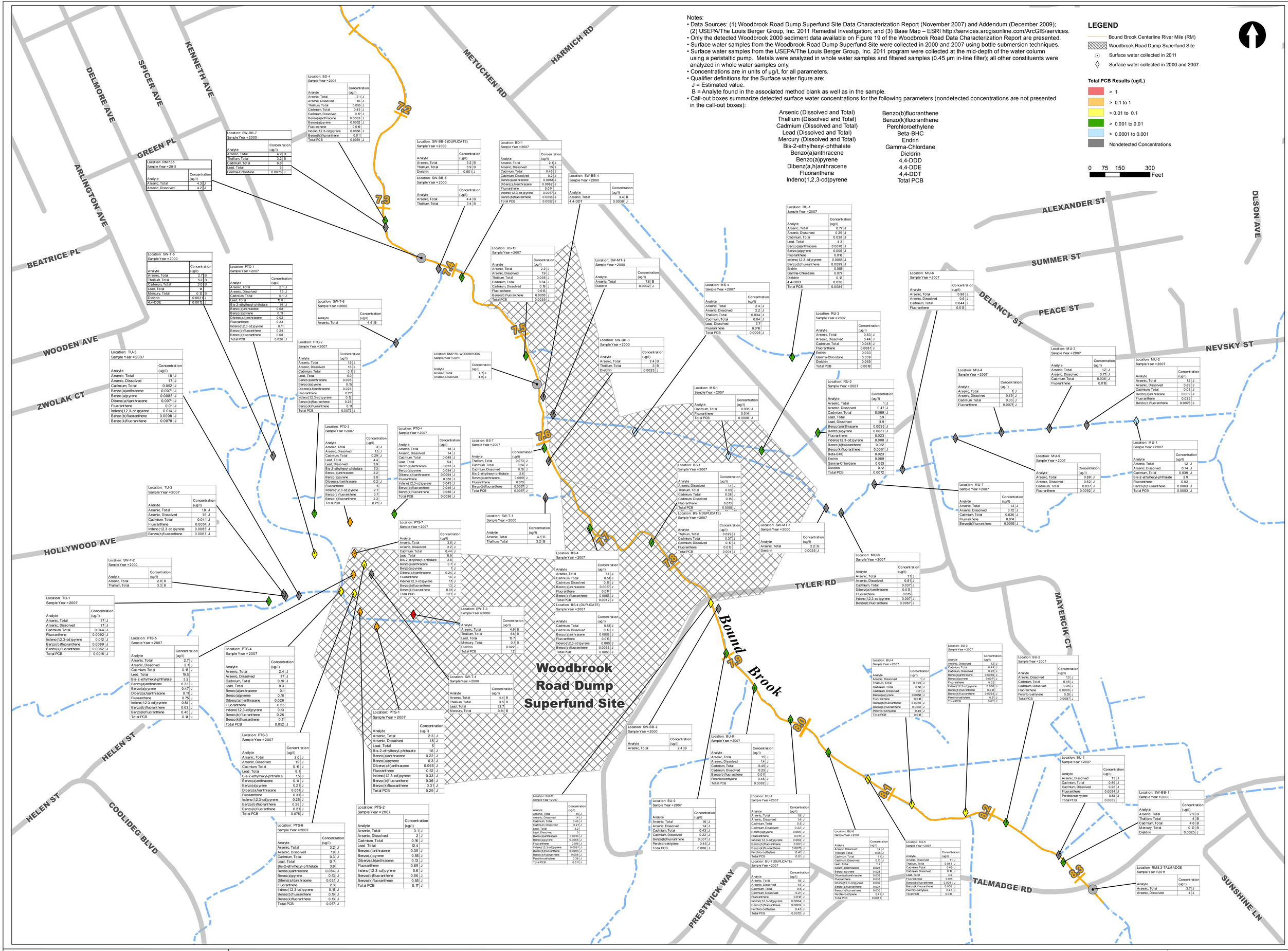
LEGEND

- Bound Brook Centerline River Mile (RM)
- Woodbrook Road Dump Superfund Site
- Surface water collected in 2011
- Surface water collected in 2000 and 2007

Total PCB Results (ug/L)

- > 1
- > 0.1 to 1
- > 0.01 to 0.1
- > 0.001 to 0.01
- > 0.0001 to 0.001
- Nondetected Concentrations

0 75 150 300 Feet



Surface Water Contaminant Concentrations Within and Proximal to the Woodbrook Road Dump Superfund Site

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Figure C-3