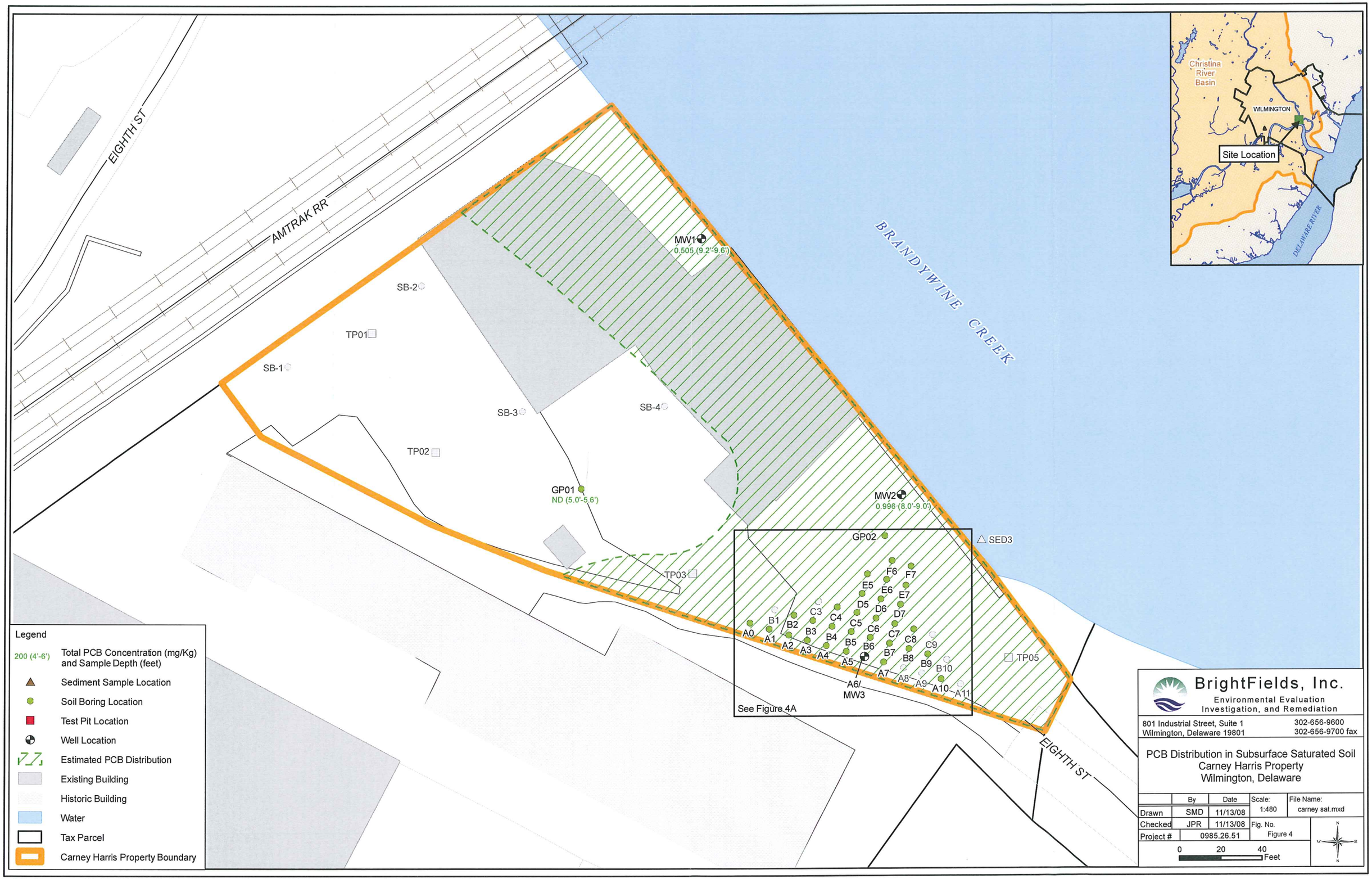

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PCB Distribution in Subsurface Saturated Soil
Carney Harris Property
Wilmington, Delaware

	By	Date	Scale:	File Name:
Drawn	SMD	11/13/08	1:480	carney sat.mxd
Checked	JPR	11/13/08	Fig. No.	Figure 4
Project #	0985.26.51			

0 20 40 Feet

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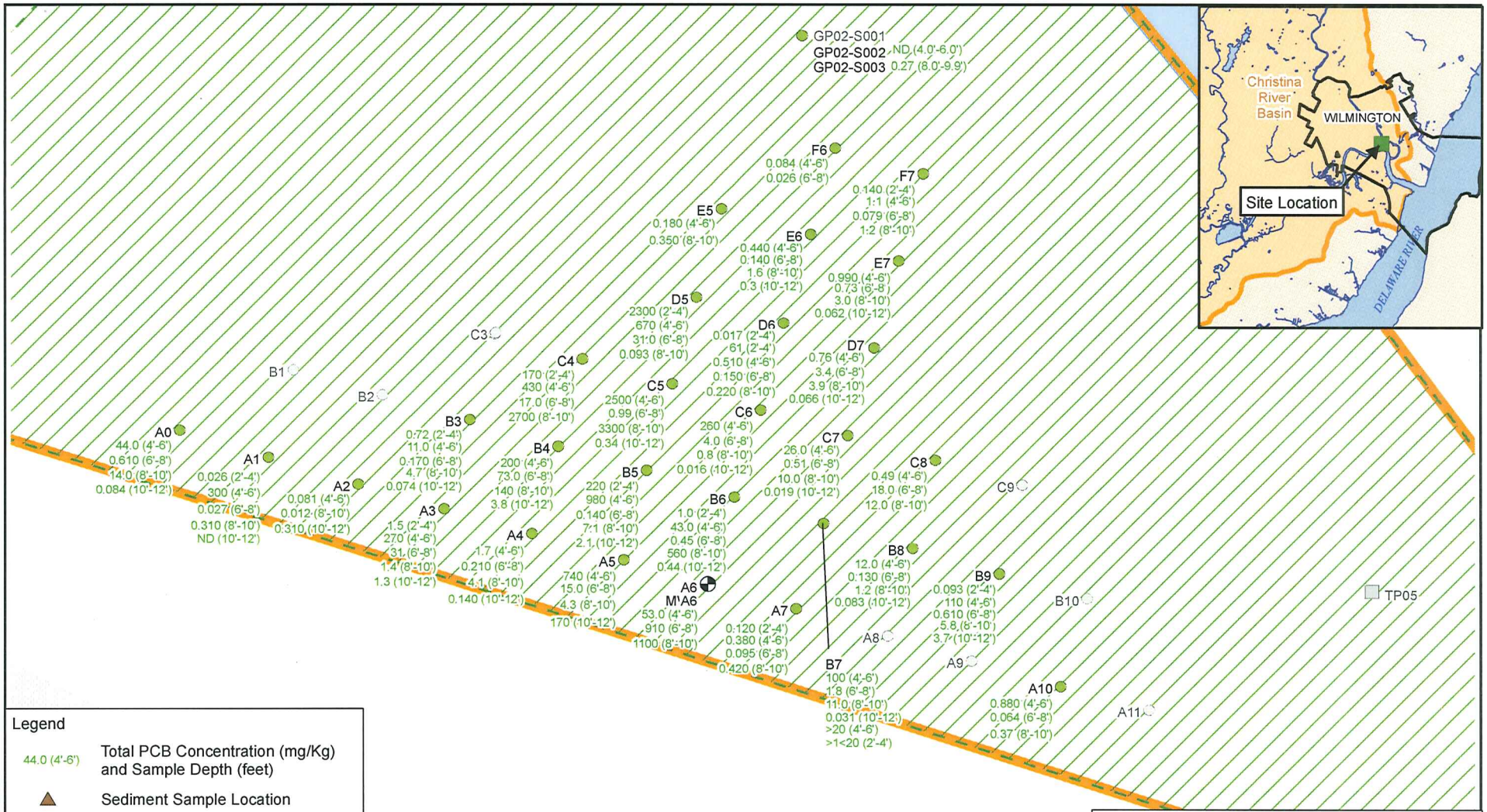

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PCB Distribution in Subsurface Saturated Soil
Carney Harris Property
Wilmington, Delaware

	By	Date	Scale:	File Name:
Drawn	SMD	11/11/08	1:180	carney sat a.mxd
Checked	JPR	11/11/08	Fig. No.	
Project #	0985.26.51		Figure 4A	

15 7.5 0 Feet

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EIGHTH ST

AMTRAK RR

BRANDYWINE RIVER

Overland Flow
Distance=15.45 feet

MW1
9.97 (1.0'-1.7')

SB-2
1.24 (0.7'-1.4')

TP01-S001
0.13 (0.4'-2.0')

SB-1
0.0804 (0.8'-1.5')

SB-3

SB-4
2.940 (0.3'-1.0')

TP02-S001
0.89 (0.4'-2.0')

GP01-S001
0.5 (0.5'-2.0')

Overland Flow
Distance=252.31 feet

TP03-S001
1.2 (0.4'-2.0')

MW2
0.102 (1.2'-1.6')

GP02-S001
0.33 (0.6'-2.0')

SED3
0.552

TP05-S001
0.84 (0'-2.0')

MW3

See Figure 6A

Overland Flow
Distance=52.18 feet

EIGHTH ST

Christina River Basin

WILMINGTON

Site Location

DELAWARE RIVER

Legend

1.2 (0.4'-2.0') Total PCB Concentration (mg/Kg) and Sample Depth (feet)

- Centroid of PCB Distribution
- Contour Elevation (feet)
- Sediment Sample Location
- Soil Boring Location
- Test Pit Location
- Well Location
- Overland Flow Direction
- Estimated PCB Contribution via Overland Flow
- Carney Harris Property Boundary
- Existing Building
- Historic Building
- Tax Parcel
- Water

Note: Samples in gray indicate that no sample was collected at this depth or the sample was not analyzed for PCBs.

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Overland Flow Map
Carney Harris Property
Wilmington, Delaware

	By	Date	Scale:	File Name:
Drawn	SMD	11/11/08	1:480	carney topo.mxd
Checked	JEC	11/11/08	Fig. No.	
Project #	0985.26.51		Figure 6	

40 20 0 Feet

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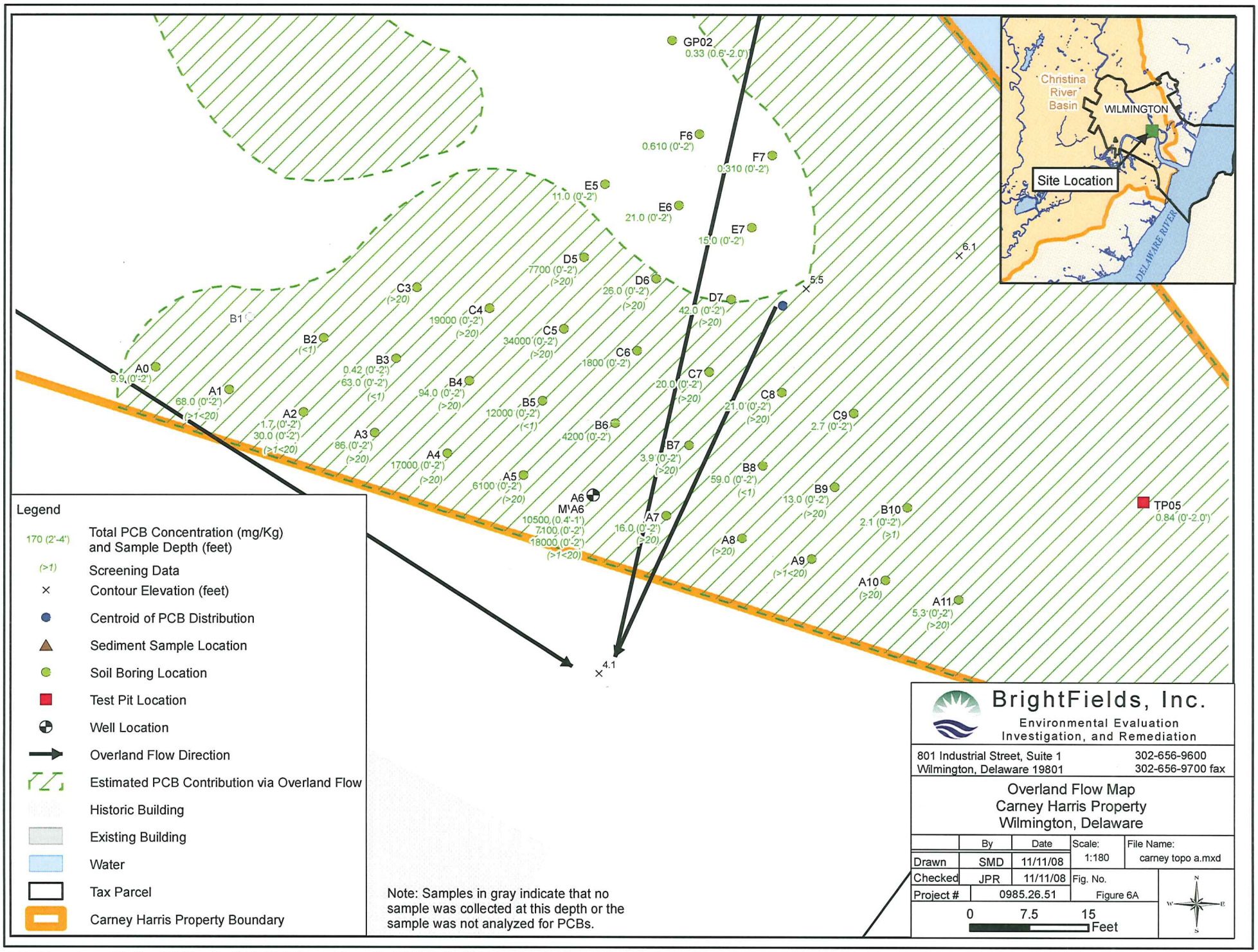

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EIGHTH ST

AMTRAK RR

BRANDYWINE CREEK

Area B
165'

Area A
190'

MW1
0.505 (9.2'-9.6')

MW2
0.996 (8.0'-9.0')

MW3

SB-1

SB-2

SB-3

SB-4

TP01

TP02

TP03

TP05

GP01
ND (5.0'-5.6')

GP02

SED3

A0 A1 A2 A3 A4 A5 A6/ A7 A8 A9 A10 A11

B1 B2 B3 B4 B5 B6 B7 B8 B9 B10

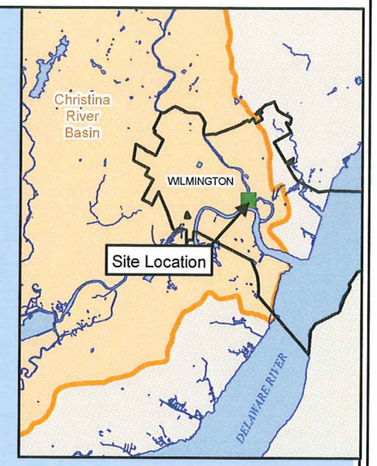
C3 C4 C5 C6 C7 C8 C9

D5 D6 D7

E5 E6 E7

F6 F7

See Figure 4A



Legend

- 200 (4'-6') — Total PCB Concentration (mg/Kg) and Sample Depth (feet)
- Groundwater Flow Direction
- 165' — Groundwater Discharge Distance (feet)
- Sediment Sample Location
- Soil Boring Location
- Test Pit Location
- Well Location
- Estimated PCB Distribution
- Existing Building
- Historic Building
- Water
- Tax Parcel
- Carney Harris Property Boundary

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Groundwater Discharge Map
Carney Harris Property
Wilmington, Delaware

	By	Date
Drawn	SMD	5/1/09
Checked	JPR	5/1/09
Project #	0985.26.51	

Scale: 1:480

File Name: carney sat.mxd

Fig. No. Figure7

0 20 40 Feet

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