



**U.S. Army  
Corps of Engineers**

New England District  
Concord, Massachusetts



**U.S. Environmental  
Protection Agency**

Region I  
Boston, Massachusetts

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**FINAL DRAFT**

**PHASE 1 HUMAN HEALTH RISK ASSESSMENT FOR  
REST OF RIVER**

**Volume II – Figures**

DCN: GE-110101-AASO

1 November 2001

**Environmental Remediation Contract  
General Electric (GE)/Housatonic River Project  
Pittsfield, Massachusetts**

Contract No. DACW33-00-D-0006

Task Order No. 0003

# **PHASE 1 HUMAN HEALTH RISK ASSESSMENT FOR REST OF RIVER**

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### **ENVIRONMENTAL REMEDIATION CONTRACT GENERAL ELECTRIC (GE)/HOUSATONIC RIVER PROJECT PITTSFIELD, MASSACHUSETTS**

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Task Order No. 0003  
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Prepared for

**U.S. ARMY CORPS OF ENGINEERS  
NEW ENGLAND DISTRICT  
CONCORD, MASSACHUSETTS**

**AND**

**U.S. ENVIRONMENTAL PROTECTION AGENCY  
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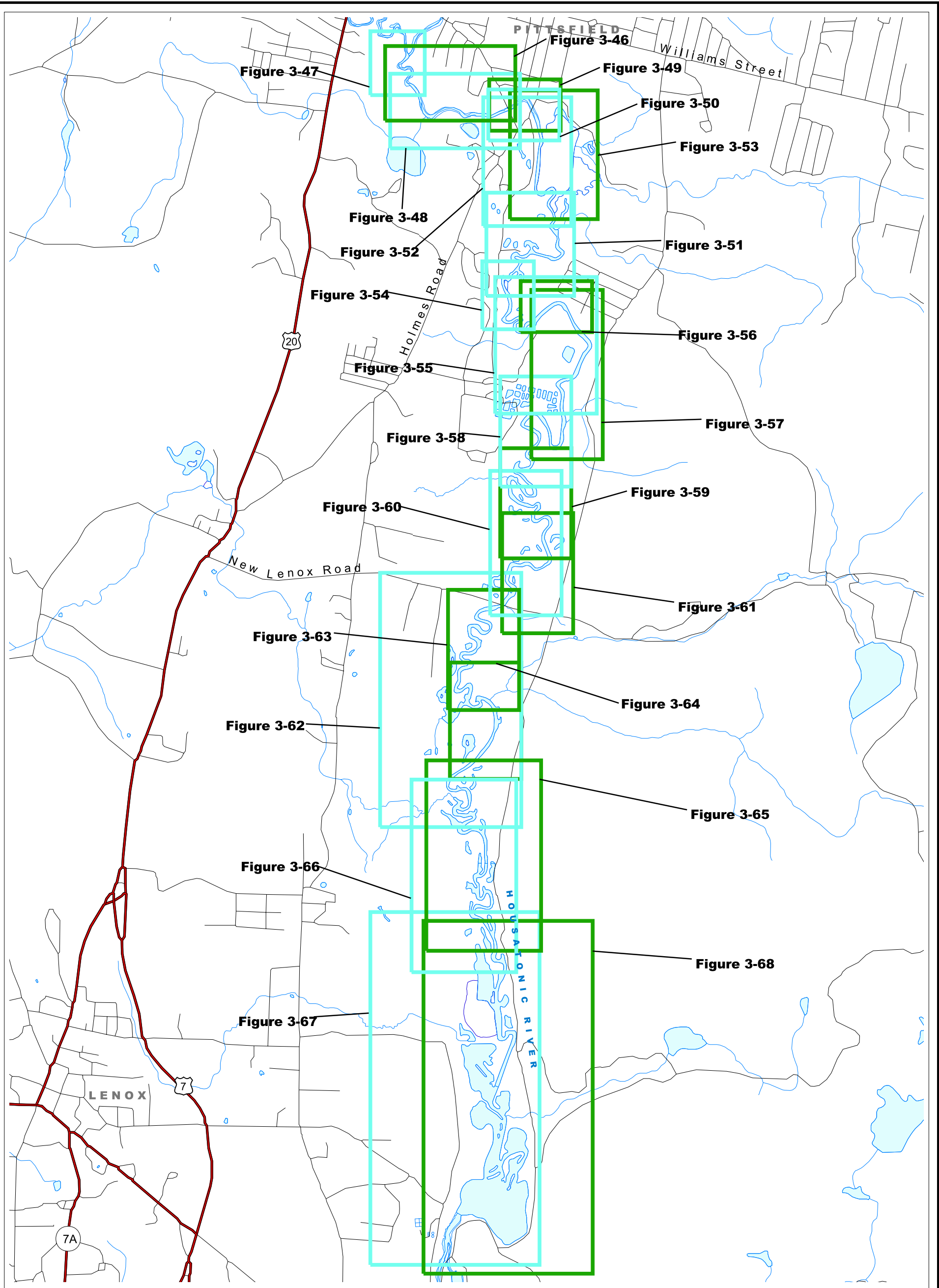
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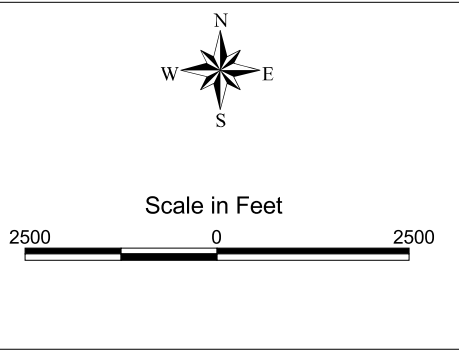
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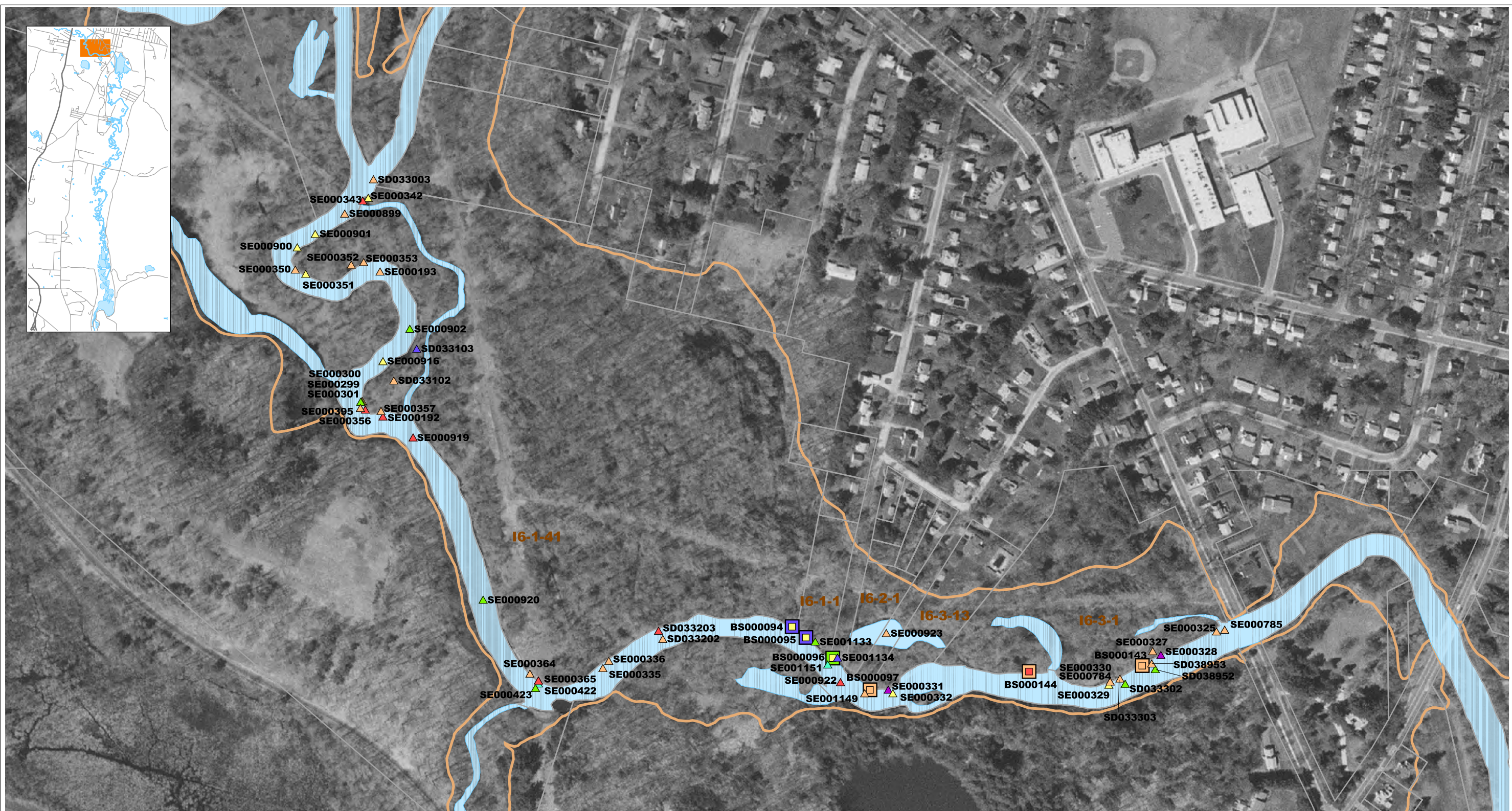
**LEGEND:**

- East Bank Map
- West Bank Map
- Roads
- Housatonic River



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**FIGURE 3-45**  
**INDEX OF RIVERBANK AND**  
**SEDIMENT EXPOSURE AREA**  
**MAPS FOR REACHES**  
**5 AND 6**



**LEGEND:**

▲ Sediment Sample, Surface (0 - 0.5 feet)	▲ < 1	▭ Parcel Boundaries
■ Riverbank Sample, Surface (0 - 0.5 feet)	▲ 1 - 2	▭ Housatonic River
■ Riverbank Sample, Sub-surface (0.5 - 1 feet)	▲ 2 - 4	▭ 10-year Floodplain
	▲ 4 - 7	
	▲ 7 - 25	
	▲ 25 - 100	
	▲ > 100	

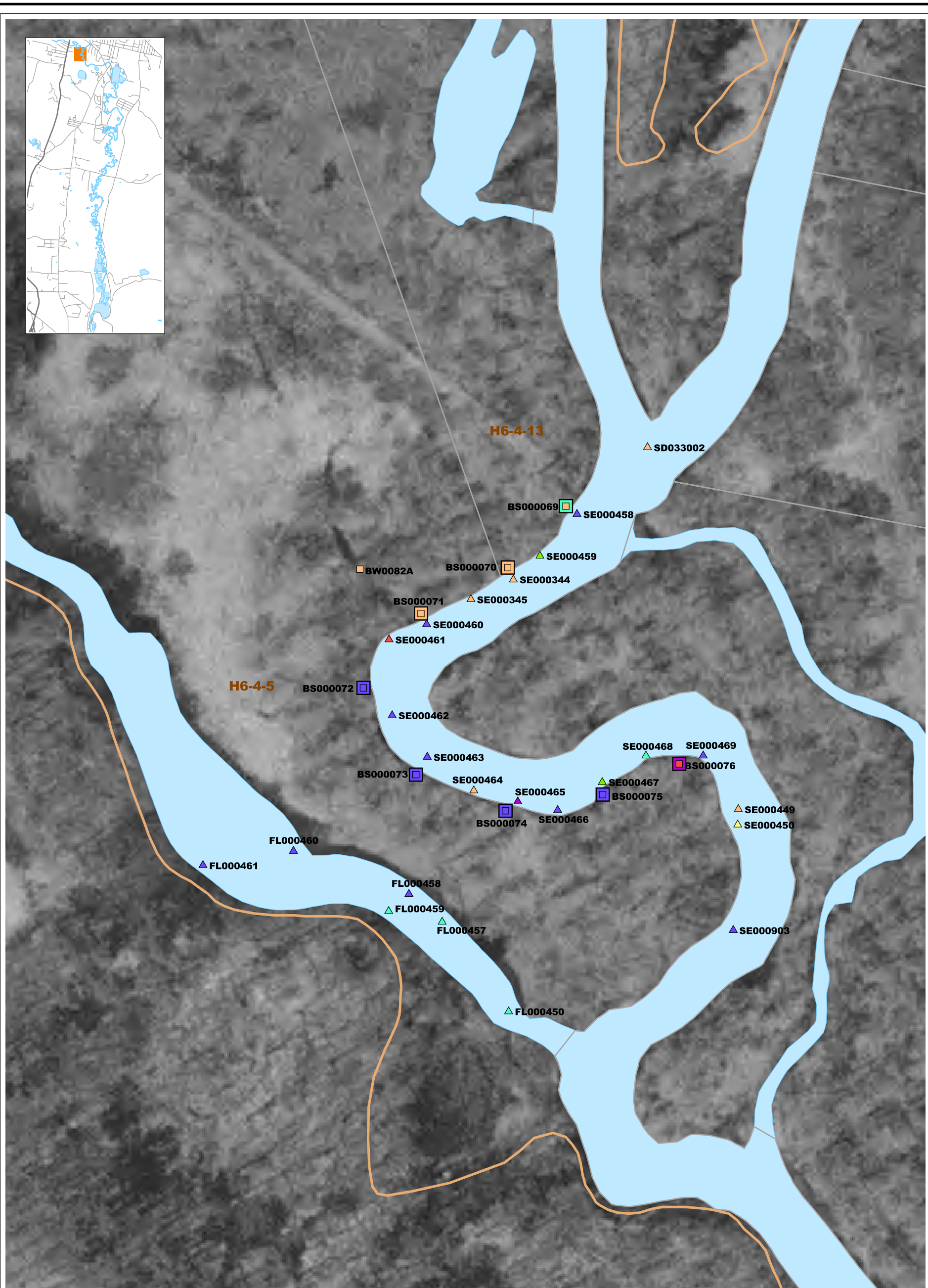
Scale in Feet

0      300      600      900

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**FIGURE 3-46  
PCB RESULTS FOR  
EXPOSURE AREA 1**

NOTE: Datamart as of September 6, 2001



**LEGEND:**

▲ Sediment Sample, Surface (0 - 0.5 feet)	▲ < 1	▭ Parcel Boundaries
■ Riverbank Sample, Surface (0 - 0.5 feet)	▲ 1 - 2	▭ Housatonic River
■ Riverbank Sample, Sub-surface (0.5 - 1 feet)	▲ 2 - 4	▭ 10-year Floodplain
	▲ 4 - 7	
	▲ 7 - 25	
	▲ 25 - 100	
	▲ > 100	

N  
W —+— E  
S

Scale in Feet

0                      100                      200

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**FIGURE 3-47  
 PCB RESULTS FOR  
 EXPOSURE AREA 2**

NOTE: Datamart as of September 6, 2001



**LEGEND:**

▲ Sediment Sample, Surface (0 - 0.5 feet)	▲ < 1	▭ Parcel Boundaries
■ Riverbank Sample, Surface (0 - 0.5 feet)	▲ 1 - 2	▭ Housatonic River
■ Riverbank Sample, Sub-surface (0.5 - 1 feet)	▲ 2 - 4	▭ 10-year Floodplain
	▲ 4 - 7	
	▲ 7 - 25	
	▲ 25 - 100	
	▲ > 100	

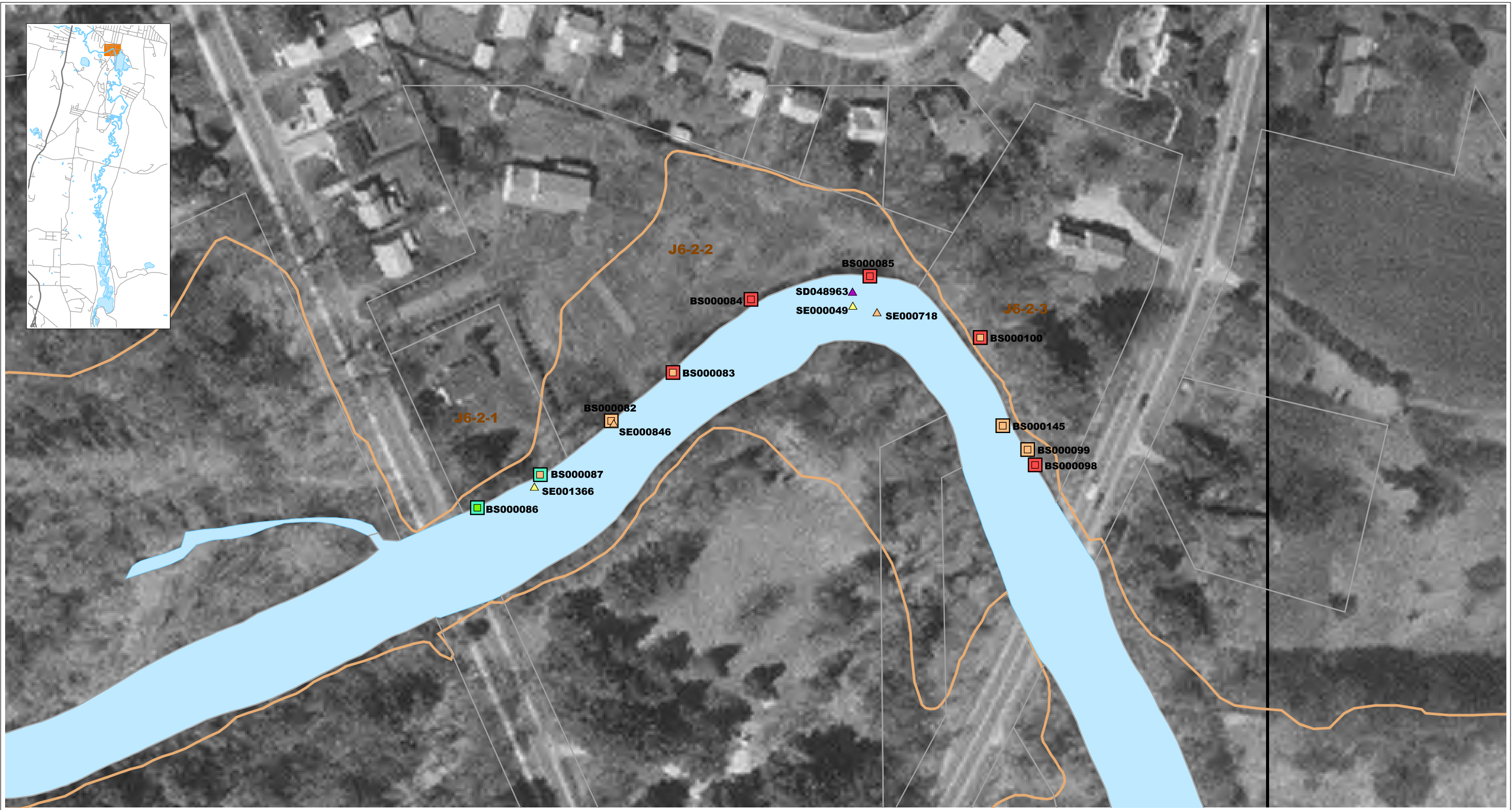
Scale in Feet

0      200      400      600

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**FIGURE 3-48  
PCB RESULTS FOR  
EXPOSURE AREA 3**

NOTE: Datamart as of September 6, 2001



**LEGEND:**

- ▲ Sediment Sample, Surface (0 - 0.5 feet)
- Riverbank Sample, Surface (0 - 0.5 feet)
- Riverbank Sample, Sub-surface (0.5 - 1 feet)

**PCB Results Key (ppm)**

- ▲ < 1
- ▲ 1 - 2
- ▲ 2 - 4
- ▲ 4 - 7
- ▲ 7 - 25
- ▲ 25 - 100
- ▲ > 100

- ▭ Parcel Boundaries
- ▭ Housatonic River
- ▭ 10-year Floodplain

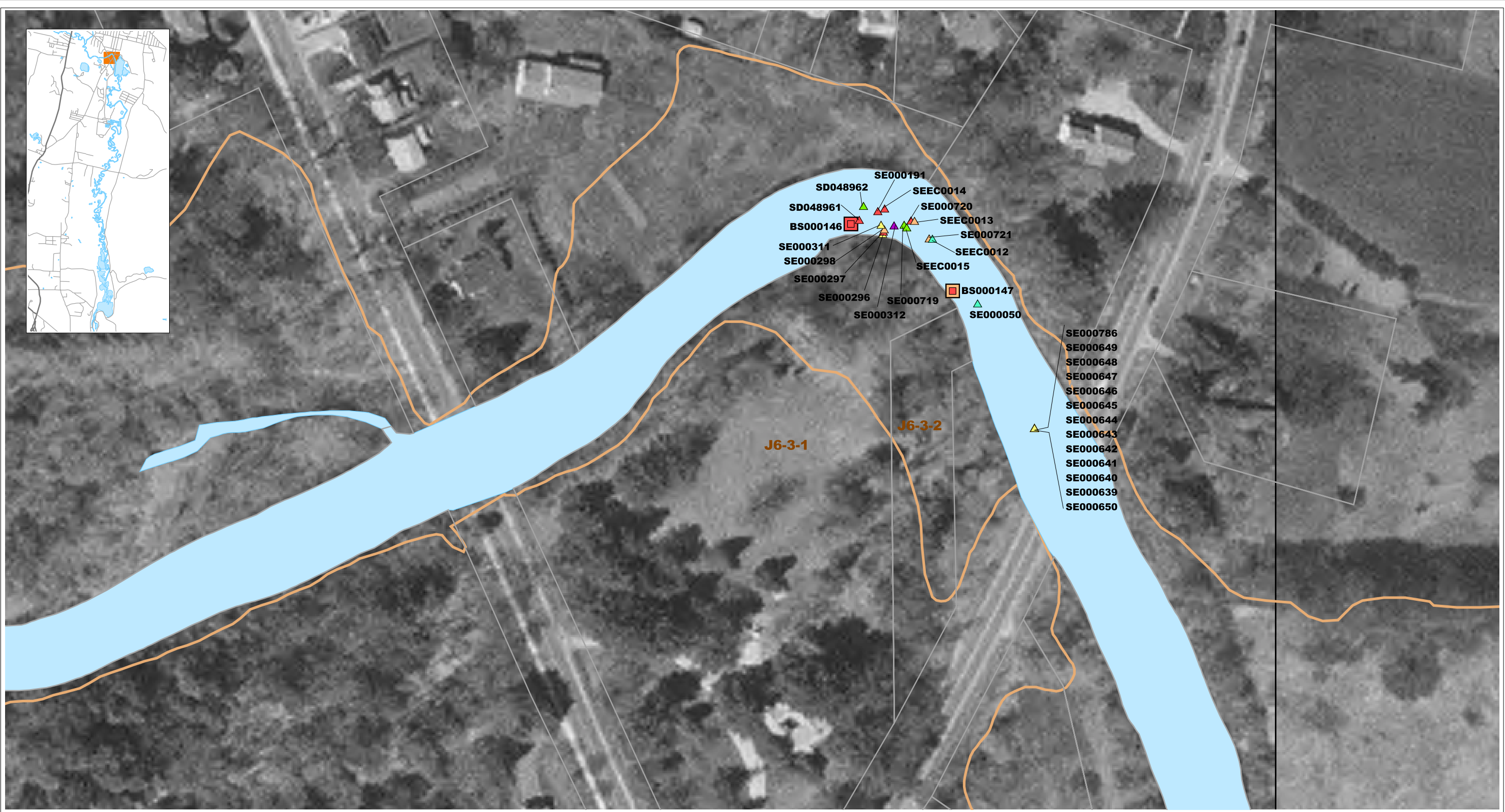
Scale in Feet

0      100      200      300

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Pittsfield, Massachusetts

**FIGURE 3-49  
PCB RESULTS FOR  
EXPOSURE AREA 4**

NOTE: Datamart as of September 6, 2001



**LEGEND:**

- ▲ Sediment Sample, Surface (0 - 0.5 feet)
- Riverbank Sample, Surface (0 - 0.5 feet)
- Riverbank Sample, Sub-surface (0.5 - 1 feet)

**PCB Results Key (ppm)**

- ▲ < 1
- ▲ 1 - 2
- ▲ 2 - 4
- ▲ 4 - 7
- ▲ 7 - 25
- ▲ 25 - 100
- ▲ > 100

- ▭ Parcel Boundaries
- ▭ Housatonic River
- ▭ 10-year Floodplain

Scale in Feet

0      100      200      300

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**FIGURE 3-50  
 PCB RESULTS FOR  
 EXPOSURE AREA 5**

NOTE: Datamart as of September 6, 2001