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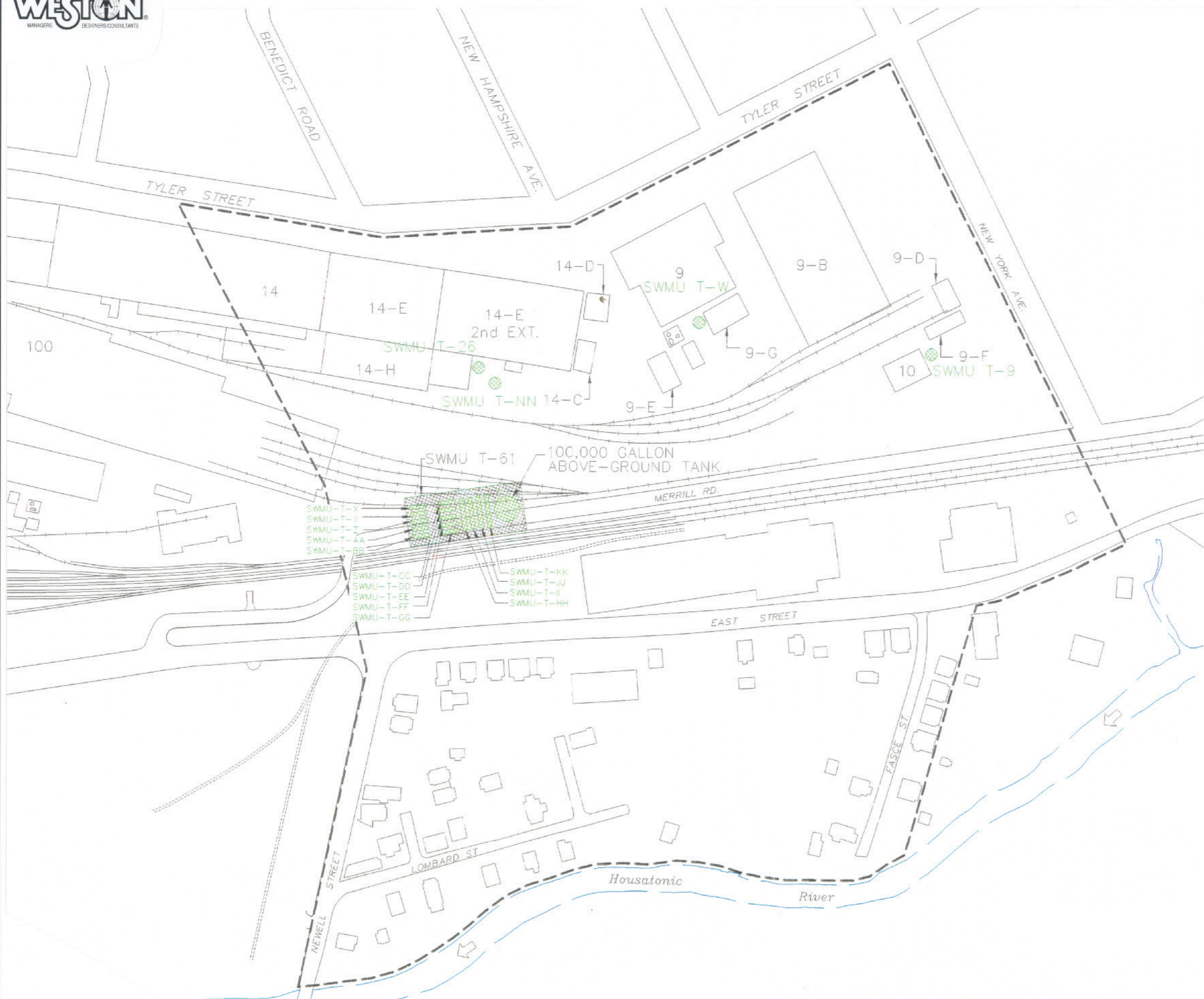
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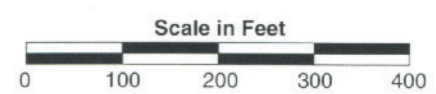


**LEGEND**

-  APPROXIMATE SITE BOUNDARY
-  APPROXIMATE LOCATION OF UST SWMU
-  APPROXIMATE LOCATION OF OTHER SWMU

**NOTES:**

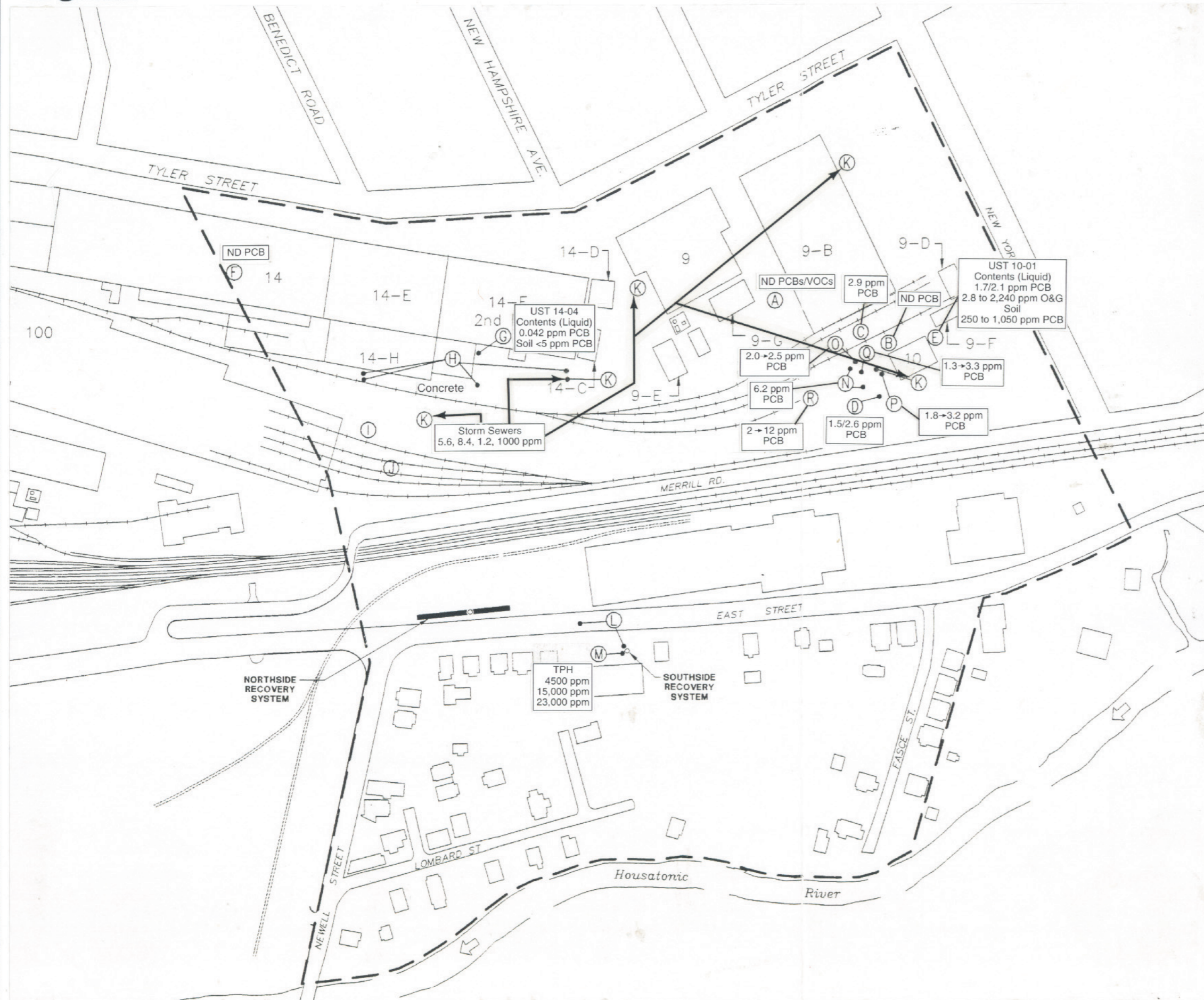
1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; AND DATA PROVIDED BY GENERAL ELECTRIC COMPANY.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. UNDERGROUND PIPES AND TUNNELS NOT ILLUSTRATED.



Map produced by Blasland, Bouck, Lee, Inc.

Source Area Characterization Report  
Pittsfield Massachusetts  
MCP Supplemental Phase II SOW/RFI Proposal  
For East Street Area 1/USEPA Area 3

**FIGURE 3.3.1-1**  
**EAST STREET AREA 1**  
**USEPA AREA 3 SWMU LOCATIONS**

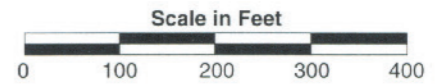


**LEGEND**

- APPROXIMATE SITE BOUNDARY
- SAMPLING LOCATIONS:**
- (A) BUILDING 9B STEAMLINE REPAIR SAMPLING
  - (B) BUILDING 10 STEAMLINE REPAIR SAMPLING
  - (C) BUILDING 10 STEAMLINE REPAIR EXTENSION SAMPLING
  - (D) BUILDING 10 (OUTSIDE) PAD SOIL SAMPLING
  - (E) UST 10-01 SAMPLING PROGRAM
  - (F) BUILDING 14-1 FLOOR SAMPLING
  - (G) UST 14-04 SAMPLING PROGRAM
  - (H) BUILDING 14 RAILROAD TRACK CONCRETE SAMPLING
  - (I) BUILDING 100 SOIL BORING PROGRAM
  - (J) BUILDING 100 YARD SAMPLING (RAILROAD TIES AND RAILS)
  - (K) STORM SEWER SEDIMENT SAMPLING
  - (L) SOUTHSIDE RECOVERY SYSTEM EXCAVATION SAMPLING
  - (M) SOUTHSIDE RECOVERY SYSTEM EXCAVATION SAMPLING
  - (N) BUILDING 10 SWEEPER SOIL SAMPLING (6/20/90)
  - (O) BUILDING 9 & 10 SWEEPER SOIL SAMPLING
  - (P) BUILDING 10 SWEEPER SOIL SAMPLING (10/14/91)
  - (Q) BUILDING 10 SWEEPER SOIL SAMPLING (6/15/92)
  - (R) BUILDING 10 SWEEPER SOIL SAMPLING (6/14/94)
- O&G Oil & Grease  
 TPH Total Petroleum Hydrocarbons  
 ND Not Detected

**NOTES:**

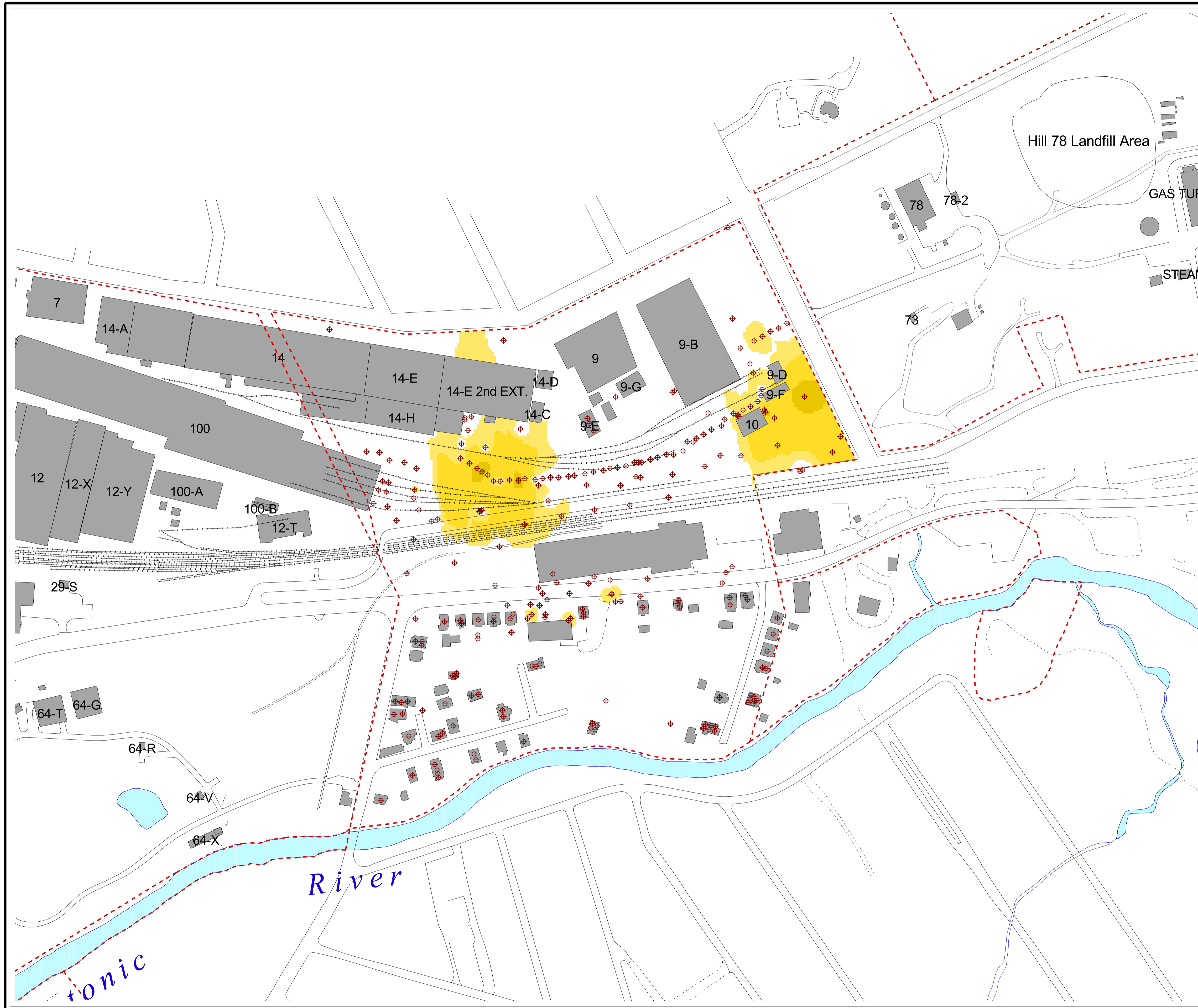
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2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARY IS APPROXIMATE.
4. ALL SAMPLING LOCATIONS ARE APPROXIMATE.



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Source Area Characterization Report  
 Pittsfield Massachusetts  
 MCP Interim Phase II Report and CAS  
 East Street Area 1/USEPA Area 3

**FIGURE 3.3.1-2**  
**LOCATIONS OF MISCELLANEOUS INVESTIGATIONS**



--- Site/OU Boundary

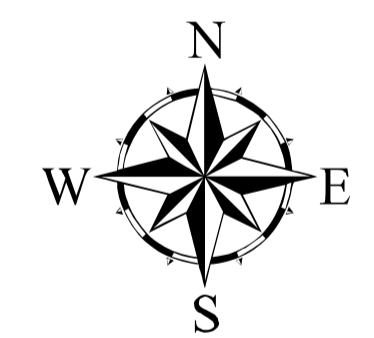
◆ Soil Boring Locations

PCB Concentrations  
Soil Samples 0-2'

< 2
2 - 25
25 - 100
100 - 500
500 - 1000
1000 - 4000
> 4000

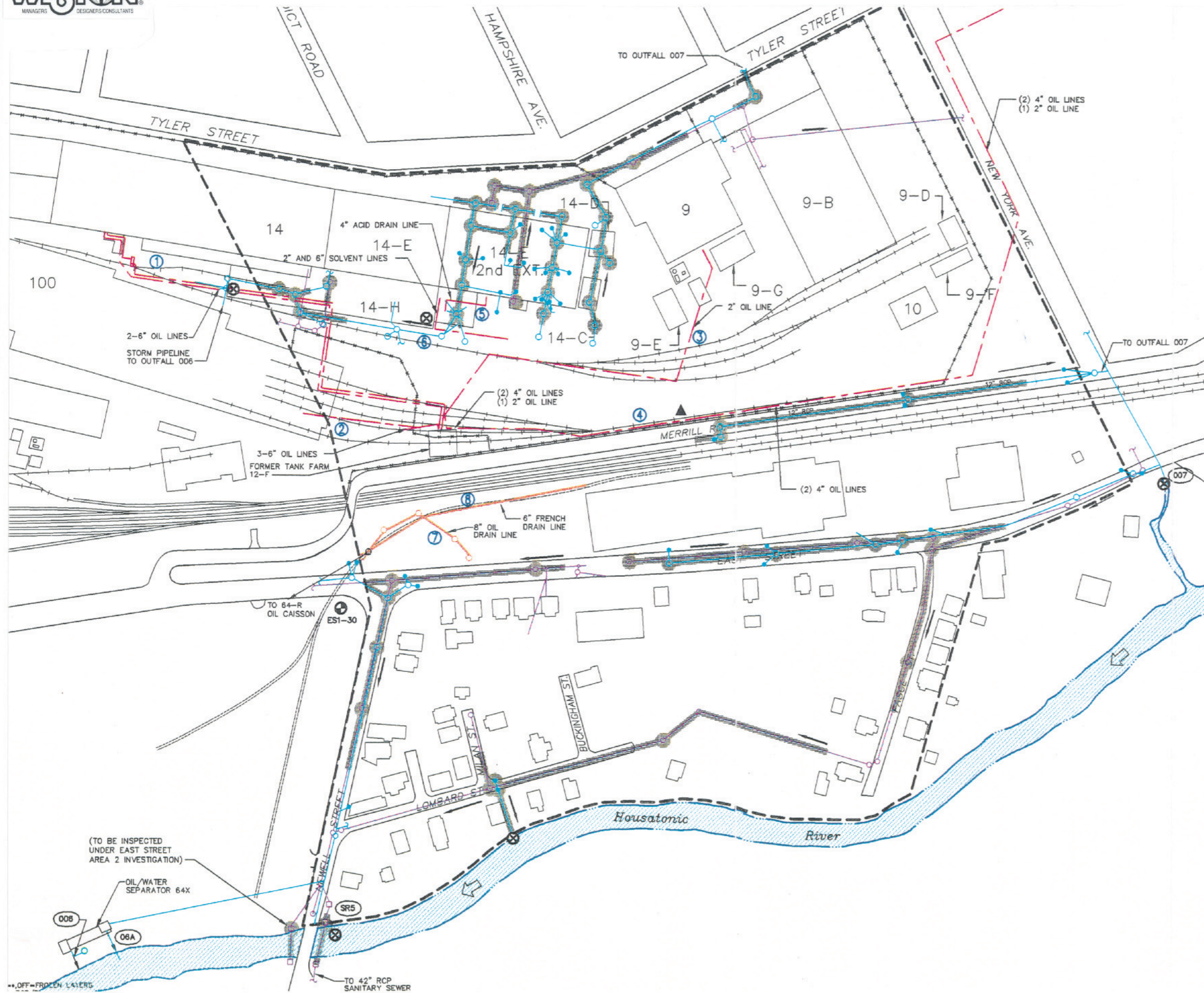
(Results reported in mg/Kg)

Map produced by WESTON, adapted from Geographic Information System (GIS) database provided by TechLaw Inc.



Source Area Characterization Report  
Pittsfield/Housatonic River Site  
Pittsfield, Massachusetts

**FIGURE 3.3.1-3  
EXTENT OF PCBs IN SURFACE SOIL  
EAST STREET AREA 1/EPA AREA 3**



**LEGEND**

- APPROXIMATE EAST STREET AREA 1/ USEPA AREA 3 SITE BOUNDARY
- - - - - EXISTING FENCE
- SANITARY SEWER LINES
- OTHER PIPING NETWORKS
- STORMWATER DRAINAGE LINES
- PROCESS/PRODUCT LINES
- AREAS WHERE HIGH GROUND WATER ELEVATION (APRIL 1994) IS ABOVE OR WITHIN 0.5 FEET OF PIPELINE
- PIPE FLOW DIRECTION
- MANHOLE
- CATCH BASIN
- (006) OUTFALL
- ① PROCESS/PRODUCT PIPELINE NUMBER (REFER TO TABLE 3-1)
- ⊕ PROPOSED SOIL BORING/ MONITORING WELL (FINAL LOCATION TO BE DETERMINED IN FIELD)
- ⊗ FIELD INSPECTION OF OUTFALL/RIVERBANK OR PROCESS/PRODUCT LINE (TO BE DETERMINED IN FIELD)
- ▲ PROCESS/PRODUCT LINE EXCAVATION (FINAL LOCATION TO BE DETERMINED IN FIELD)

**NOTES:**

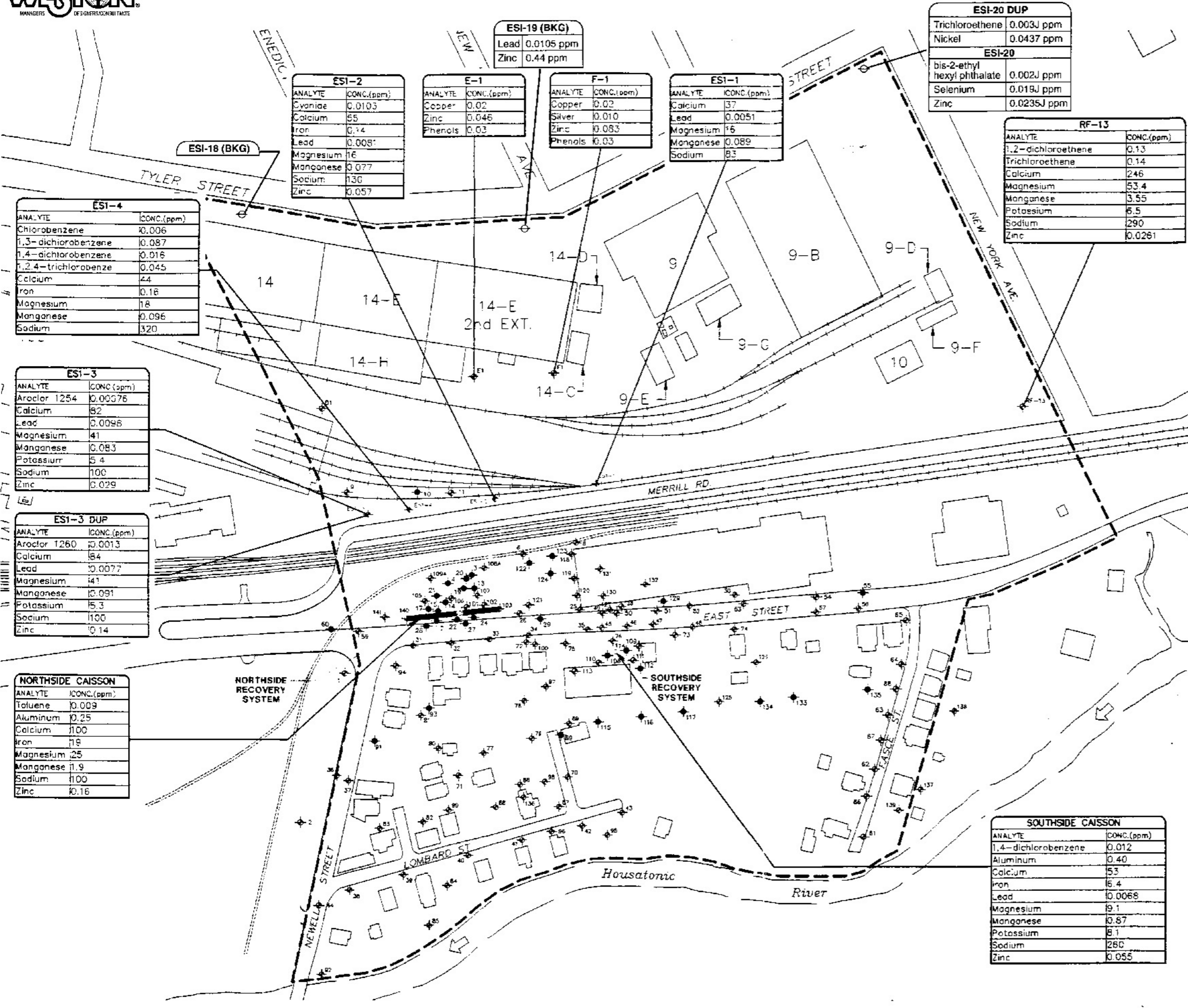
1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; AND DATA PROVIDED BY GENERAL ELECTRIC COMPANY.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARY IS APPROXIMATE.
4. ONLY PARTIAL PIPE LOCATIONS SHOWN. THESE LOCATIONS INCLUDE BOTH FORMER AND PRESENT DAY CONFIGURATIONS.



Map produced by Blasland, Bouck, Lee, Inc.

Source Area Characterization Report  
Pittsfield Massachusetts  
East Street Area 1/USEPA Area 3  
Preferential Pathway Analysis

**FIGURE 3.3.1-4  
PIPELINES RETAINED FOR PHASE III ANALYSIS**

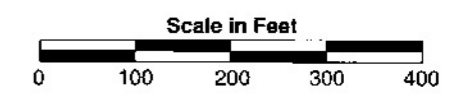
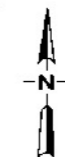


**LEGEND**

- APPROXIMATE SITE BOUNDARY
- ⊕ MONITORING WELL MONITORED AS PART OF MCP PHASE II ACTIVITIES
- OIL RECOVERY CAISSON MONITORED AS PART OF MCP PHASE II ACTIVITIES
- ⊕ OTHER EXISTING MONITORING WELLS
- ⊖ ABANDONED MONITORING WELL
- (BKG) BACKGROUND WATER QUALITY WELL

**NOTES:**

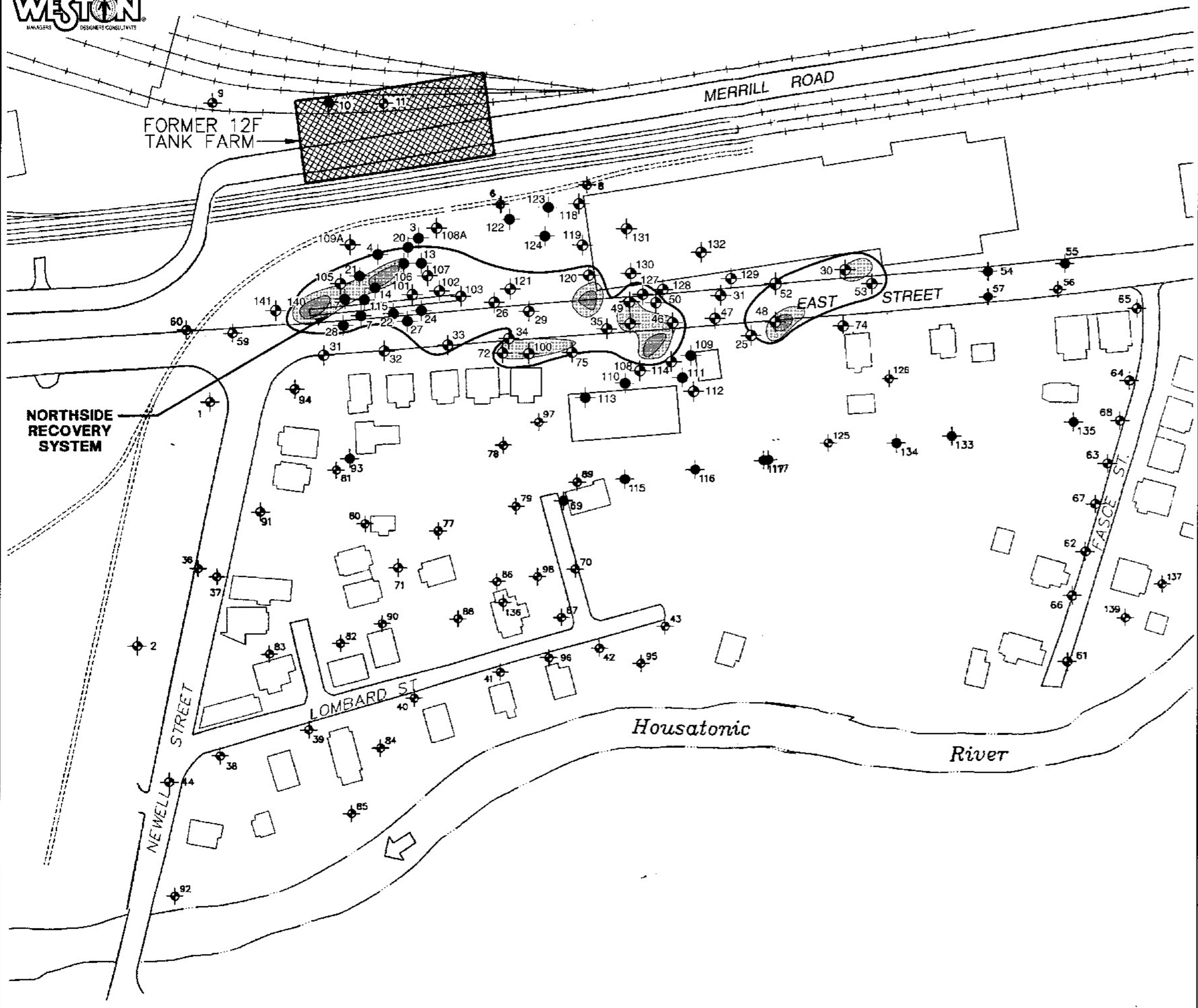
1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; AND DATA PROVIDED BY GENERAL ELECTRIC COMPANY.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARY IS APPROXIMATE.
4. ALL BORING/WELL LOCATIONS ARE APPROXIMATE.
5. DATA SUMMARY INCLUDES MCP APPENDIX IX+3 DATA, AS WELL AS PRIORITY POLLUTANT DATA COLLECTED IN MARCH 1990.
6. ONLY CONSTITUENTS DETECTED ABOVE ASSOCIATED QUANTITATION LIMITS ARE SUMMARIZED. ESTIMATED VALUES AND BLANK CONTAMINANTS ARE NOT SUMMARIZED.
7. ALL DATA ILLUSTRATED FROM MCP INVESTIGATION EXCEPT FOR RESULTS FROM WELLS E-1 AND F-1, WHICH ARE PRE-MCP DATA. FOR OTHER PRE-MCP DATA, SEE TABLES 4-13 AND 4-14.



Original map produced by Blasland, Bouck, Lee, Inc.

Source Area Characterization Report  
Pittsfield Massachusetts  
MCP Interim Phase II Report and CAS  
East Street Area 1/USEPA Area 3

**FIGURE 3.3.1-5  
SUMMARY OF SELECT GROUNDWATER DATA**



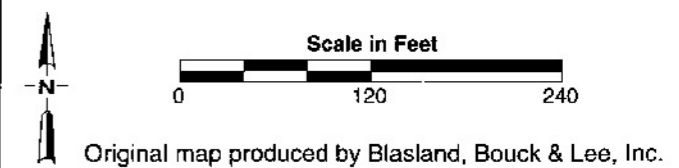
**LEGEND**

- Monitoring Well Included in the October 1983 Monitoring Event
- Other Existing Monitoring Well
- Abandoned Monitoring Well
- Oil Recovery Caisson
- <0.01' Oil Thickness
- 0.01-0.8' Oil Thickness
- >0.8' Oil Thickness

**Notes:**

1. Mapping is based on aerial photographs and Photogrammetric Mapping by Lockwood Mapping, Inc. - flown in April 1990; and data provided by General Electric Company.
2. Not all physical features shown.
3. Well locations are approximate.
4. Base map reflects site conditions as of April 1990.
5. Plume limits delineation based on information presented by Geraghty & Miller, January 1984.

98P-1671 6/11/98



Source Area Characterization Report  
Pittsfield/Housatonic River Site  
East Street Area 1/USEPA Area 3

**FIGURE 3.3.1-6  
OIL PLUME MAP  
OCTOBER 1983**





**LEGEND**

- APPROXIMATE SITE BOUNDARY
- MONITORING WELL LOCATION
- OIL RECOVERY CAISSON
- 0.01 - 0.8' OIL THICKNESS

- NOTES:**
1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; AND DATA PROVIDED BY GENERAL ELECTRIC COMPANY.
  2. NOT ALL PHYSICAL FEATURES SHOWN.
  3. WELL LOCATIONS ARE APPROXIMATE.
  4. ALL MONITORING WELLS AND CAISSONS INCLUDED IN THIS MONITORING EVENT ARE INDICATED IN GREEN.
  5. THE BOUNDARIES OF THE OIL PLUME ARE BASED ON GENERALIZED REVIEW OF THE CURRENT DATA AND PRIOR OIL MONITORING REPORT CONCLUSIONS. ILLUSTRATION OF THE EXTENT OF OIL PRESENT BETWEEN MONITORING POINTS IS NECESSARILY APPROXIMATE.

**Scale in Feet**

Map produced by Blasland, Bouck, Lee, Inc.

Source Area Characterization Report  
Pittsfield Massachusetts  
MCP East Street Area 1/USEPA Area 3

**FIGURE 3.3.1-7**  
**LOCATIONS OF REMAINING OIL OCCURRENCES**  
**OCTOBER 1997**