

**REPORT**

*Conceptual Removal Design/  
Removal Action Work Plan  
for Newell Street Area I*

*Volume III of III*

**General Electric Company  
Pittsfield, Massachusetts**

**January 2002**

**BBL**<sup>®</sup>  
BLASLAND, BOUCK & LEE, INC.  
engineers & scientists

TECHNICAL REPORT

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## **Volume III of III**

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# *Figures*

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REMOVAL ACTION AREA  
 ■ NEWELL STREET AREA 1



- NOTES:
1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY; AND BLASLAND & BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
  2. NOT ALL PHYSICAL FEATURES SHOWN.
  3. SITE BOUNDARIES/LIMITS ARE APPROXIMATE.
  4. REFER TO FIGURE 2 FOR IDENTIFICATION OF REMOVAL ACTION AREAS RELATED TO THE HOUSATONIC RIVER FLOODPLAIN.

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 CONCEPTUAL RD/RA WORK PLAN  
 FOR NEWELL STREET AREA 1

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**REMOVAL ACTION AREA**

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FIGURE  
**1-1**



**LEGEND**

-  EDGE OF WATER
-  PAVED ROADWAY
-  UNPAVED ROADWAY OR TRAIL
-  RAILROAD
-  VEGETATION
-  PROPERTY BOUNDARY
-  PROPERTY ID
-  FORMER OXBOW/DEPRESSION AREA
-  APPROXIMATE REMOVAL ACTION AREA BOUNDARY (AS DEFINED IN STATEMENT OF WORK)
-  PAVED AREA
-  RECREATIONAL PROPERTY (GE OWNED)
-  RECREATIONAL PROPERTY (NON-GE OWNED)
-  COMMERCIAL/INDUSTRIAL PROPERTY (NON-GE OWNED)
-  COMMERCIAL/INDUSTRIAL PROPERTY (GE OWNED)
-  AREA TO BE ADDRESSED AS PART OF 1/2-MILE REACH

**NOTES**

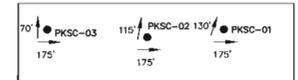
1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. TAX ASSESSORS' PARCEL IDENTIFICATION NUMBERS AND BOUNDARY INFORMATION OBTAINED FROM CITY OF PITTSFIELD'S TAX ASSESSOR'S OFFICE AND IS CURRENT THROUGH SEPTEMBER 5, 1997.



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 FOR NEWELL STREET AREA 1

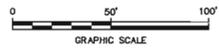
**SITE PLAN**

L. ON=\*, OFF=REF  
 P. STD-PCP/DLPCP  
 1/15/02 SYR-S4-GMS LAF DMW  
 10112001/10112004.DWG



**LEGEND**

- APPROXIMATE RAA BOUNDARY
- PARCEL BOUNDARY
- EASEMENT
- J9-23-23 PARCEL ID
- WOODEN FENCE
- WIRE FENCE
- GUARDRAIL
- RIP RAP
- LIGHT POLE
- SIGN
- ELECTRIC TRANSFORMER
- DECIDUOUS TREE
- TOP OF BANK
- EDGE OF BUSHES/HEDGE
- WATER SHUTOFF
- DRAIN MANHOLE
- CATCH BASIN
- GAS METER
- SANITARY MANHOLE
- UTILITY POLE
- DRAIN LINE
- OVERHEAD WIRES
- GAS SERVICE
- WATER SERVICE
- SANITARY SEWER
- BUILDING
- PAVED (ASPHALT/CONCRETE)
- UNPAVED (GRASS/DIRT/GRAVEL)
- AREA TO BE ADDRESSED AS PART OF 1/2-MILE REACH
- ▲ GP-30 OR GE EXISTING SURFACE SOIL SAMPLE LOCATION
- BH000487 GE EXISTING SOIL BORING LOCATION
- FW-16 EPA SOIL BORING LOCATION
- 01000014 EXISTING MONITORING WELL LOCATION
- F-23 EPA SOIL PILE SAMPLE
- (BH000321) EXISTING SOIL SAMPLE LOCATION USED TO SATISFY ADDITIONAL ARSENIC ANALYSIS
- (BH000321) EPA SPLIT SAMPLE IDENTIFICATION
- IA-9 ABANDONED MONITORING WELL LOCATION
- AREA OF PREVIOUS 0- TO 6-INCH SOIL REMOVAL



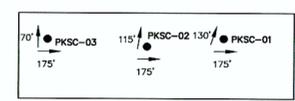
**NOTES:**

1. BASE MAP MODIFIED FROM SURVEY BY HILL ENGINEERS, ARCHITECTS & PLANNERS, DATED 8/15/01.
2. UTILITIES ARE SHOWN IN AN APPROXIMATED WAY ONLY AND ALL UTILITIES MAY NOT BE SHOWN. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "DIG-SAFE" AND HAVE ALL UNDERGROUND UTILITIES MARKED ON THE GROUND.

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FOR NEWELL STREET AREA 1**

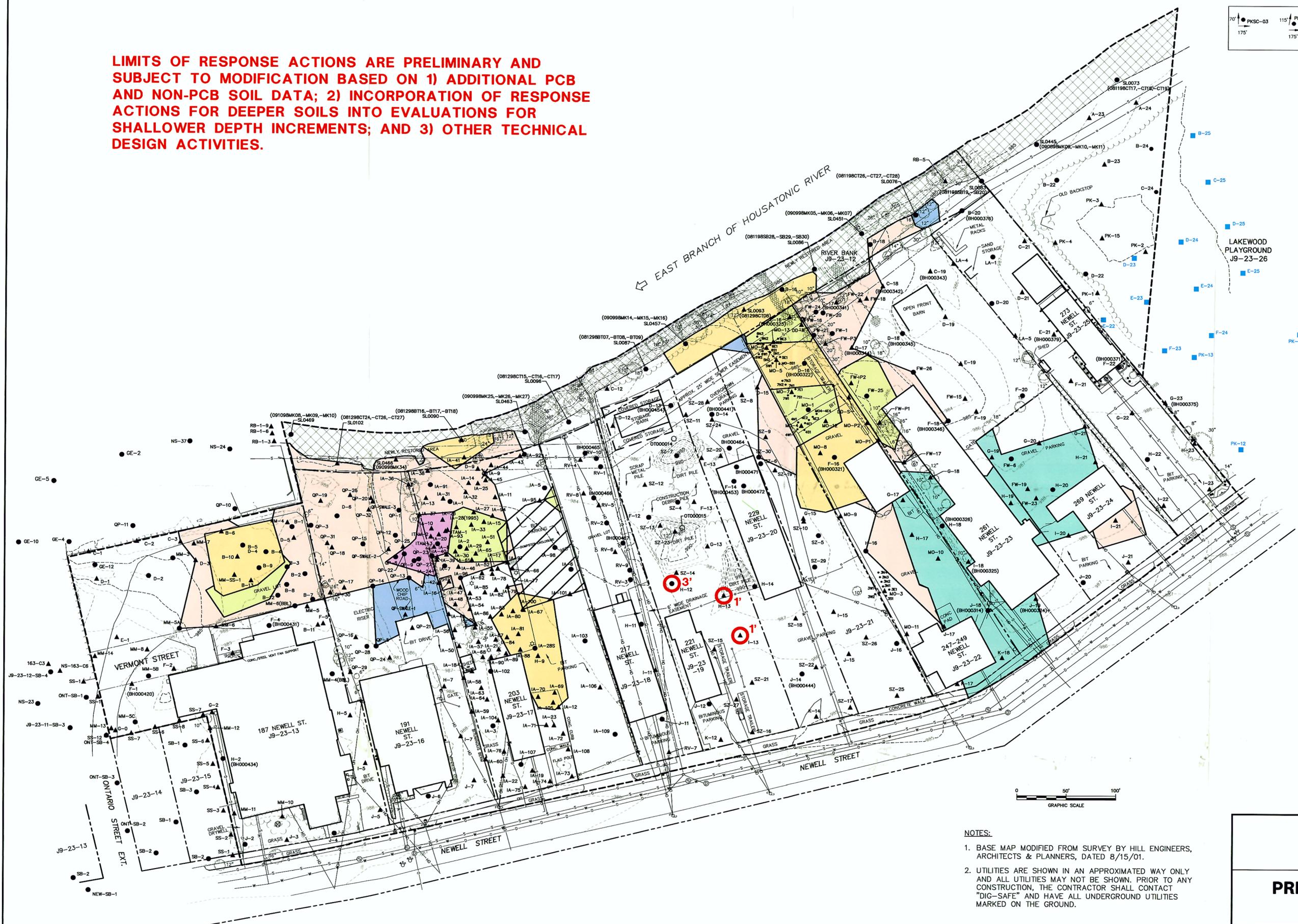
**SOIL SAMPLE LOCATIONS**

**LIMITS OF RESPONSE ACTIONS ARE PRELIMINARY AND SUBJECT TO MODIFICATION BASED ON 1) ADDITIONAL PCB AND NON-PCB SOIL DATA; 2) INCORPORATION OF RESPONSE ACTIONS FOR DEEPER SOILS INTO EVALUATIONS FOR SHALLOWER DEPTH INCREMENTS; AND 3) OTHER TECHNICAL DESIGN ACTIVITIES.**



**LEGEND**

- APPROXIMATE RAA BOUNDARY
- PARCEL BOUNDARY
- EASEMENT
- J9-23-23 PARCEL ID
- WOODEN FENCE
- WIRE FENCE
- GUARDRAIL
- RIP RAP
- ☆ LIGHT POLE
- SIGN
- DECIDUOUS TREE
- TOP OF BANK
- EDGE OF BUSHES/HEDGE
- ☆ WATER SHUTOFF
- ⊙ DRAIN MANHOLE
- CATCH BASIN
- ⊕ GAS METER
- ⊙ SANITARY MANHOLE
- ⊕ UTILITY POLE
- DRAIN LINE
- OVERHEAD WIRES
- GAS SERVICE
- WATER SERVICE
- SANITARY SEWER
- ▨ AREA TO BE ADDRESSED AS PART OF 1/2-MILE REACH
- ▲ GE EXISTING SURFACE SOIL SAMPLE LOCATION
- EPA EXISTING SOIL BORING LOCATION
- ⊙ EPA SOIL BORING LOCATION
- ⊙ EXISTING MONITORING WELL LOCATION
- EPA SOIL PILE SAMPLE
- EPA SOIL SAMPLE LOCATION USED TO SATISFY ADDITIONAL ARSENIC ANALYSIS
- ⊕ EPA SPLIT SAMPLE IDENTIFICATION
- ⊕ ABANDONED MONITORING WELL LOCATION
- SOILS ASSOCIATED WITH THIS SAMPLE ARE SUBJECT TO REMOVAL; LIMITS OF SOIL REMOVAL TO BE DEFINED BY ADDITIONAL SAMPLING
- 0.5-FOOT REMOVAL
- 1-FOOT REMOVAL
- 2-FOOT REMOVAL
- 3-FOOT REMOVAL
- 6-FOOT REMOVAL
- 8-FOOT REMOVAL
- ▨ AREA SUBJECT TO INSTALLATION OF ENGINEERED OR ENHANCED BARRIER

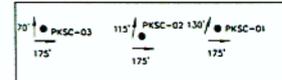


**NOTES:**

1. BASE MAP MODIFIED FROM SURVEY BY HILL ENGINEERS, ARCHITECTS & PLANNERS, DATED 8/15/01.
2. UTILITIES ARE SHOWN IN AN APPROXIMATED WAY ONLY AND ALL UTILITIES MAY NOT BE SHOWN. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "DIG-SAFE" AND HAVE ALL UNDERGROUND UTILITIES MARKED ON THE GROUND.

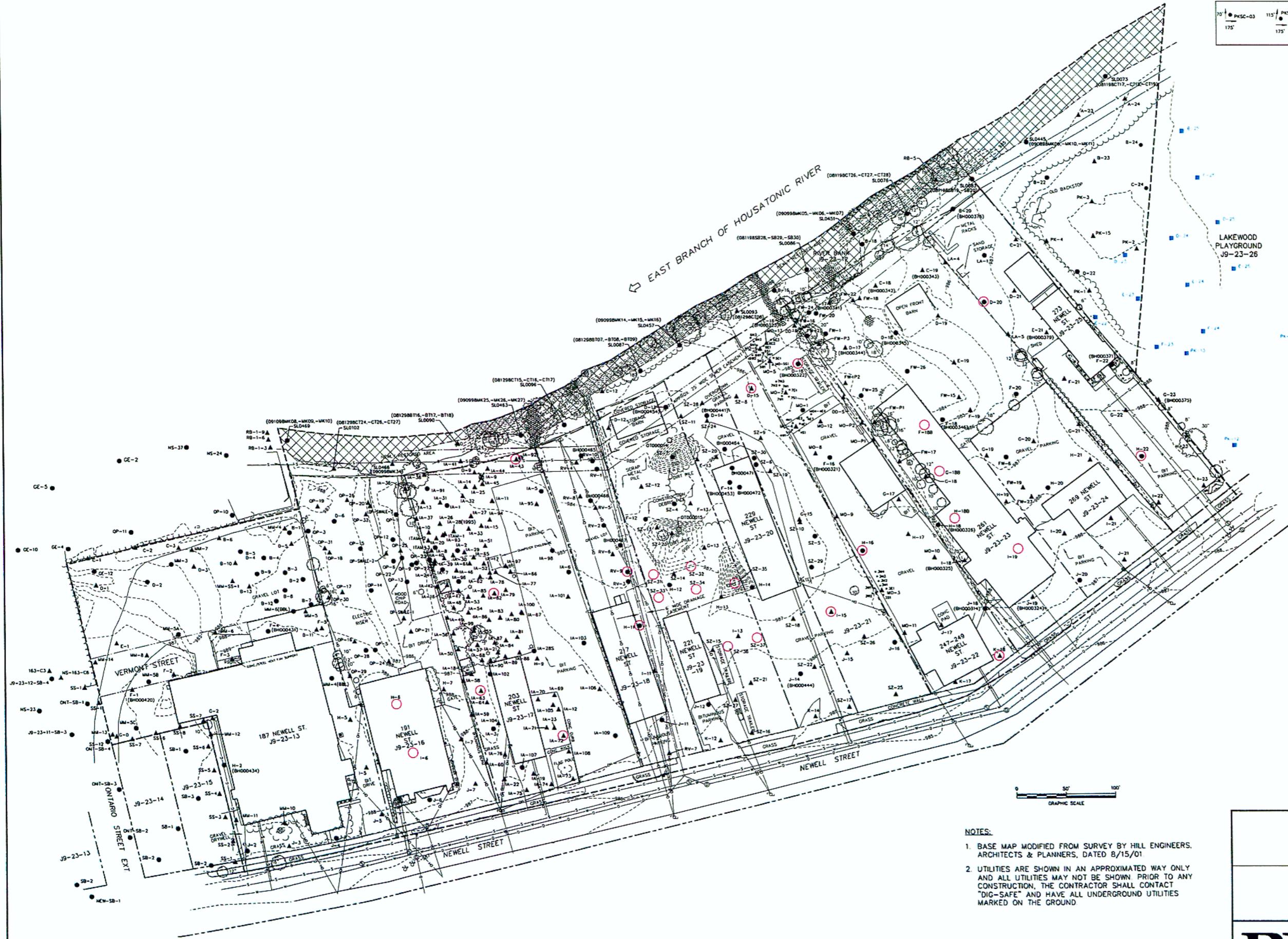
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FOR NEWELL STREET AREA 1**

**PRELIMINARY SOIL-RELATED  
RESPONSE ACTIONS**



**LEGEND**

- APPROXIMATE RAA BOUNDARY
- PARCEL BOUNDARY
- EASEMENT
- J9-23-23 PARCEL ID
- WOODEN FENCE
- WIRE FENCE
- GUARDRAIL
- RIP RAP
- LIGHT POLE
- SIGN
- DECIDUOUS TREE
- TOP OF BANK
- EDGE OF BUSHES/HEDGE
- WATER SHUTOFF
- DRAIN MANHOLE
- CATCH BASIN
- GAS METER
- SANITARY MANHOLE
- UTILITY POLE
- DRAIN LINE
- OVERHEAD WIRES
- GAS SERVICE
- WATER SERVICE
- SANITARY SEWER
- ▨ AREA TO BE ADDRESSED AS PART OF 1/2-MILE REACH
- ▲ OP-30 OR ▲ GE EXISTING SURFACE SOIL SAMPLE LOCATION
- BH000467 GE EXISTING SOIL BORING LOCATION
- FW-16 EPA SOIL BORING LOCATION
- OT000014 EXISTING MONITORING WELL LOCATION
- EPA SOIL PILE SAMPLE
- EXISTING SOIL SAMPLE LOCATION USED TO SATISFY ADDITIONAL ARSENIC ANALYSIS
- EPA SPLIT SAMPLE IDENTIFICATION
- IA-9 ABANDONED MONITORING WELL LOCATION
- SUPPLEMENTAL SOIL SAMPLING LOCATION



- NOTES:**
1. BASE MAP MODIFIED FROM SURVEY BY HILL ENGINEERS, ARCHITECTS & PLANNERS, DATED 8/15/01
  2. UTILITIES ARE SHOWN IN AN APPROXIMATED WAY ONLY AND ALL UTILITIES MAY NOT BE SHOWN PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "DIG-SAFE" AND HAVE ALL UNDERGROUND UTILITIES MARKED ON THE GROUND.

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**SUPPLEMENTAL SOIL  
SAMPLE LOCATIONS**

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FIGURE  
**5-1**