



RELEASE AMENDMENT FORM

3 - 35355

A. RELEASE OR THREAT OF RELEASE LOCATION:

1. Release Name/Location Aid: GALLOWES HILL PARK
2. Street Address: 50 PROCTOR STREET
3. City/Town: SALEM 4. ZIP Code: 019700000

B. THIS FORM IS BEING USED TO: (check all that apply)

1. Date of Response(s): 2/19/2019 Start Time : 02:00 ☐ AM ☒ PM
(mm/dd/yyyy) (hh:mm)

2. Record Field Visits:

- ☐ a. Initial Compliance Field Response – Announced ☐ d. Compliance Field Response – Unannounced
☐ b. Initial Compliance Field Response – Unannounced ☐ e. Follow-up or Other Field Response
☐ c. Compliance Field Response – Announced ☒ f. Field Response - Direct Oversight

3. Record an Activity:

- ☐ a. Follow-up Office Response ☐ b. Meeting with PRP or PRP Representative

4. Record IRA Activities (also complete Section D, if applicable):

- ☐ a. IRA Assessment Only ☐ e. IRA Written Plan Approved
☐ b. IRA Oral Plan Approved ☐ f. IRA Written Plan Denied
☐ c. IRA Oral Plan Denied and/or Request for Written Plan ☐ g. Imminent Hazard Termination Approved
☐ d. IRA Oral Modified Plan Approved

5. Record IRA Department (IRA-D) Oversight Activities:

- ☐ a. IRA-D Work Started ☐ d. IRA-D Modification Plan Recorded
☐ b. IRA-D Assessment Only ☐ e. IRA-D Work Completed
☐ c. IRA-D Plan Recorded

6. Record URAM Activities:

- ☐ a. Notice of Intent to Conduct a URAM ☐ c. URAM Notification of a Previously Existing RTN
☐ b. URAM Work Started

- ☐ 7. Correct or Add **Data to WSC Database** otherwise not specified on this form. (Record in Section F)
☐ 8. Identify or Update a **PRP or Other Person Associated with Release** (Fill out Section C)
☐ 9. **Record Other Staff Activities** not specified above. (Record in Section F)



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C. PRP OR OTHER PERSON ASSOCIATED WITH RELEASE:

1. Check all that apply: ☐ a. change in contact name ☐ b. change of address ☐ c. new person associated with release

2. Name of Organization: TIGHE & BOND INC

3. Contact First Name: TODD D 4. Last Name: KIRTON

5. Street: 446 MAIN ST 6. Title: SENIOR HYDROGEOLOGIST

7. City/Town: WORCESTER 8. State: MA 9. ZIP Code: 016080000

10. Telephone: 5087542201 11. Ext: 12. EMail:

13. Relationship of Person to Release: ☐ PRP ☒ OTHER c. Type(e.g. Current Owner): Consultant for PRP Not an LSP

☐ 14. No Person associated with activity specified in Section B.

D. ENTER ORAL RESPONSE ACTION PLAN (if applicable): (check all that apply)

- | | |
|--|---|
| ☐ 1. Assessment and/or Monitoring only | ☐ 6. Temporary Evacuation or Relocation of Residents |
| ☐ 2. Temporary Covers or Caps | ☐ 7. Product or NAPL Recovery |
| ☐ 3. Deployment of Absorbent or Containment Materials | ☐ 8. Fencing and Sign Posting |
| ☐ 4. Temporary Water Supplies | ☐ 9. Groundwater Treatment Systems |
| ☐ 5. Structure Venting Systems | ☐ 10. Soil Vapor Extraction |

☐ 11. Check here if modifying amount of authorized excavated soils:

Amount not to exceed ☐ cubic yards ☐ tons

☐ 12. Other Response Actions

Describe:

E. MassDEP STAFF AND FORM PREPARER:

1. MassDEP Staff: JOHNSON ERIK ☐ b. Check here, if Unassigned (or staff name not applicable)

2. Preparer Signature: ERIK JOHNSON 3. Date : 2/19/2019
(mm/dd/yyyy)



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F. DESCRIPTION OF ACTIVITIES RECORDED BY THIS FORM:

ON FEBRUARY 11 AND 12, 2019, ERIK JOHNSON (MASSDEP) VISITED THE SITE TO PERFORM OVERSIGHT OF TEST PITS ADVANCED AT GALLOWS HILL PARK. THE TEST PIT PROGRAM PROVIDED AN OPPORTUNITY TO OBSERVE ANY SUBSURFACE ANTHROPOGENIC DEBRIS AND/OR SOURCE MATERIAL, AS WELL AS THE OPPORTUNITY TO CHARACTERIZE SURFACE AND SUBSURFACE SOIL CONTAMINATION. TEST PITTING HAD INITIALLY STARTED ON JANUARY 28, HOWEVER THE PROGRAM WAS PUT ON HOLD AFTER THE BACKHOE ENCOUNTERED AN UNKNOWN CLAY STORMWATER DRAIN LINE AND A RELIC CONCRETE STRUCTURE IN ONE TEST PIT. THE TEST PIT HAD BEEN PARTIALLY BACKFILLED AND COVERED WITH POLYETHYLENE SHEETING. TEST PITTING RESUMED ON FEBRUARY 11.

THE TEST PITS WERE ADVANCED BY TECHNICAL DRILLING SERVICES (TDS) USING A BACKHOE UNDER THE DIRECTION OF TIGHE & BOND REPRESENTATIVE KERRI LEWIS. ACCORDING TO KERRI LEWIS, ON THE MORNING OF FEBRUARY 11 THE CLAY PIPE THAT WAS ENCOUNTERED ON JANUARY 28 WAS COVERED IN PLACE WITH A PROTECTIVE WOODEN FORM. CONCRETE WAS POURED OVER THE WOODEN FORM TO SECURE THE FORM IN PLACE. CONCRETE WAS ALSO POURED OVER THE OPENING OF THE RELIC CONCRETE VAULT. THE SALEM DPW CONFIRMED THE CLAY PIPE CONNECTED TO A STORMWATER BASIN LOCATED TO THE NORTH. ACCORDING TO TIGHE & BOND, THE RELIC CONCRETE STRUCTURE WILL BE PROPERLY CLOSED AT A LATER DATE.

A LAYER OF BROWN TOPSOIL BETWEEN 2 AND 12 INCHES THICK COVERS THE ENTIRE FIELD. DEBRIS AND FILL WERE ENCOUNTERED IN ALL ELEVEN TEST PITS. DEBRIS AND FILL INCLUDED METAL, BRICK, AND COAL FRAGMENTS, AS WELL AS ASH AND CONCRETE. DEBRIS AND ASH WERE GENERALLY CONFINED TO A SUBSURFACE FILL LAYER FROM APPROXIMATELY 0.5 TO 5 FEET BELOW GRADE. LEATHER SCRAPS WERE OBSERVED IN A SINGLE TEST PIT IN THE SOUTH-CENTRAL PORTION OF THE SITE. POTENTIAL ASBESTOS-CONTAINING MATERIAL (ACM) WAS OBSERVED IN A SINGLE NORTH-CENTRAL TEST PIT. TIGHE & BOND IMMEDIATELY TERMINATED THE TEST PIT AFTER OBSERVING THE SUSPECT ACM. THE SOUTHEASTERN-MOST TEST PIT CONTAINED THE MOST DEBRIS OF ALL TEST PITS, AND EXPOSED A FORMER CONCRETE SLAB AND FOUNDATION WALL. IN MULTIPLE TEST PITS, TIGHE & BOND OBSERVED A BLuish-GREEN SOIL LAYER BENEATH THE FILL LAYER. NATIVE SILT, SAND, AND PEAT WAS OBSERVED BENEATH THE BLuish-GREEN SOIL INTERVAL. NATIVE MATERIAL AND GROUNDWATER INFILTRATION WERE GENERALLY OBSERVED BETWEEN 5.5 TO 7 FEET BELOW GRADE. EACH TEST PIT LOCATION WAS COVERED WITH POLYETHYLENE SHEETING AND WEIGHTED DOWN WITH SANDBAGS AFTER TEST PITS WERE BACKFILLED.

SURFACE SOIL SAMPLES WERE COLLECTED FROM THE TOP 0-2 FEET OF SOIL FROM EACH TEST PIT. SUBSURFACE SOIL SAMPLES WERE COLLECTED TO CHARACTERIZE FILL AND THE OBSERVED BLuish-GREEN SOIL. EACH SAMPLE WAS SUBMITTED FOR ARSENIC AND CHROMIUM ANALYSIS, WITH A SUBSET ALSO ANALYZED FOR LEAD, HEXAVALENT CHROMIUM, MCP 14 METALS, PCBS, EPH WITH TARGET PAHS, VOCs, CYANIDE, AND PESTICIDES. FOLLOW-UP SOIL BORINGS WILL BE ADVANCED IN APPROXIMATELY TWO WEEKS AFTER DATA COLLECTED FROM THE TEST PITS HAS BEEN EVALUATED.

☐ Check here if additional information is provided in an attachment.