



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): 3/1/2019 Start Time : 01:15 ☐ 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: TODDD 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 : 3/1/2019
(mm/dd/yyyy)



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F. DESCRIPTION OF ACTIVITIES RECORDED BY THIS FORM:

ON TUESDAY FEBRUARY 26 ERIK JOHNSON AND JONAS AGUNAYE (MASSDEP) PERFORMED A SITE VISIT TO OBSERVE SOIL BORINGS ADVANCED AT GALLOWS HILL PARK BY THE CITY OF SALEM'S ENVIRONMENTAL CONSULTANT. THE EASTERN PORTION OF GALLOWS HILL PARK WAS RECENTLY CLOSED TO THE PUBLIC AFTER ARSENIC AND CHROMIUM CONTAMINATION WERE IDENTIFIED IN SURFACE SOILS. THE SOIL BORING DATA WILL SUPPLEMENT SAMPLING DATA OBTAINED FROM TEST PITS PERFORMED TWO WEEKS AGO.

MASSDEP ARRIVED AT THE PARK AT 10:35 AM. UPON ARRIVAL, TECHNICAL DRILLING SERVICES (TDS) OF STERLING, MA WAS OPERATING A TRACK-MOUNTED GEOPROBE TO COLLECT SOIL SAMPLES. KERRI LEWIS (TIGHE & BOND) WAS PROVIDING DIRECT OVERSIGHT OF THE DRILLING, CHARACTERIZING SOIL, AND PERFORMING SAMPLE MANAGEMENT. TIGHE & BOND INDICATED THAT LESS DEBRIS WAS OBSERVED IN THE SOIL BORINGS THAN IN THE TEST PITS, AND THAT FILL MATERIAL WAS GENERALLY OBSERVED TO A DEPTH OF APPROXIMATELY 6 TO 8 FEET BELOW GRADE. TIGHE & BOND OBSERVED NATIVE SILT AND CLAY BENEATH THE FILL MATERIAL, WITH DRILLING REFUSAL ENCOUNTERED AT APPROXIMATELY 14 FEET BELOW GRADE ON A COMBINATION OF DENSE GLACIAL TILL AND/OR POTENTIAL BEDROCK.

MASSDEP EXPERIENCED STRONG WINDS DURING THE SITE INSPECTION. MOST OF THE SITE'S GROUND SURFACE WAS FROZEN, AND MASSDEP DID NOT OBSERVE ANY FUGITIVE DUST DURING THE INSPECTION. MASSDEP REQUESTED TIGHE & BOND AND TDS INSPECT AND ADDRESS THE POLYETHYLENE SHEETING CURRENTLY COVERING THE PREVIOUSLY PERFORMED TEST PITS. TIGHE & BOND INDICATED THEY WOULD DO THEIR BEST TO SECURE ANY LOOSE SHEETING WITH THE EXISTING SAND BAGS ONSITE. MASSDEP ALSO OBSERVED THAT THE SITE PERIMETER REMAINED SECURE WITH A COMBINATION OF TEMPORARY AND PERMANENT CHAIN-LINK FENCING. MASSDEP DEPARTED THE SITE AT 11:30 AM.

A TOTAL OF 35 SOIL BORINGS WERE ADVANCED ON FEBRUARY 25 AND 26 TO CHARACTERIZE SURFACE AND SUBSURFACE SOILS OF THE PARK. SOIL SAMPLES WERE COLLECTED FROM EACH BORING FOR ANALYSIS OF ARSENIC, WITH A SUBSET ALSO ANALYZED FOR CHROMIUM, HEXAVALENT CHROMIUM, MCP 14 METALS, EPH WITH TARGET PAHS, PCBS, AND CYANIDE. THE ANALYTICAL RESULTS SHOULD BE AVAILABLE IN TWO WEEKS. ACCORDING TO TIGHE & BOND, FOUR NEWLY INSTALLED GROUNDWATER MONITORING WELLS WILL BE DEVELOPED AND SAMPLED IN TWO WEEKS.

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