



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): 3/13/2019 Start Time : 01:00 ☐ 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: 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 : 3/21/2019
(mm/dd/yyyy)



RELEASE AMENDMENT FORM

F. DESCRIPTION OF ACTIVITIES RECORDED BY THIS FORM:

ON WEDNESDAY MARCH 13, 2019 AT 1:00 PM, ERIK JOHNSON AND JOANNE FAGAN (MASSDEP) VISITED GALLOWS HILL PARK AND THE ADJACENT LANGDON STREET NEIGHBORHOOD TO MEET WITH TOM DEVINE (CITY OF SALEM, SR PLANNER WITH THE DEPARTMENT OF PLANNING & COMMUNITY DEVELOPMENT), TODD KIRTON AND KERRI LEWIS (TIGHE & BOND, CITY OF SALEM'S ENVIRONMENTAL CONSULTANT), AND JOHN MCKEOWN, JIM CAREW, AND KATE MELANSON (UNITED STATES ENVIRONMENTAL PROTECTION AGENCY [EPA] REMOVAL PROGRAM). THE OBJECTIVE OF THE SITE VISIT WAS TO DISCUSS THE ENVIRONMENTAL STATUS AND PRELIMINARY PATH FORWARD FOR GALLOWS HILL PARK AND THE FOUR BORDERING RESIDENTIAL PROPERTIES TO THE NORTH. THE EASTERN PORTION OF GALLOWS HILL PARK WAS CLOSED IN MARCH 2018 AFTER ELEVATED CONCENTRATIONS OF HEAVY METALS WERE IDENTIFIED IN SURFACE SOILS. IN JANUARY 2019, ELEVATED ARSENIC CONCENTRATIONS IN SURFACE SOILS WERE ALSO IDENTIFIED ON AN ABUTTING RESIDENTIAL PROPERTY, AT LEVELS WHICH COULD POSE AN IMMINENT HAZARD. MASSDEP INSTALLED TEMPORARY CHAIN-LINK FENCE TO RESTRICT ACCESS TO THE PROPERTY'S YARD ON FEBRUARY 1, 2019.

TIGHE & BOND REPRESENTATIVES SUMMARIZED RECENTLY OBTAINED TEST PIT AND SOIL BORING ANALYTICAL DATA, COLLECTED ON BEHALF OF THE CITY, AT THE PARK ITSELF. THE INVESTIGATION IDENTIFIED AN EXTENSIVE AREA OF ARSENIC CONCENTRATIONS EXCEEDING 500 MG/KG, THE MASSDEP UPPER CONCENTRATION LIMIT (UCL), IN THE TOP TWO FEET OF SOIL AT THE PARK. TIGHE & BOND ALSO INDICATED FOUR NEWLY INSTALLED GROUNDWATER MONITORING WELLS WERE SAMPLED ON MARCH 13, 2019. GROUNDWATER RESULTS WERE ANTICIPATED IN THE COMING WEEKS. MOVING FORWARD, TIGHE & BOND EXPLAINED THAT THEY WILL BE EVALUATING VARIOUS REMEDIAL ACTION ALTERNATIVES FOR THE PARK, WHICH WILL LIKELY INCLUDE A COMBINATION OF SOIL EXCAVATION AND CAPPING OF THE TARGET AREA.

MASSDEP SUMMARIZED RECENTLY OBTAINED SURFACE SOIL SAMPLING DATA FROM FOUR ABUTTING RESIDENCES PERFORMED UNDER AN IRASS STATE CONTRACT IN FEBRUARY 2019. THE RESULTS INDICATED THAT TEMPORARY ACCESS RESTRICTION IS REQUIRED AT A SECOND PROPERTY NORTH OF THE PARK TO LIMIT EXPOSURE TO ELEVATED ARSENIC CONCENTRATIONS IN SURFACE SOILS. MASSDEP IS SCHEDULED TO INSTALL FENCING AT THIS PROPERTY ON MARCH 20TH.

EPA AND MASSDEP AGREED THE NEXT STEP FORWARD WOULD INCLUDE FURTHER SOIL CHARACTERIZATION AT THREE OF THE FOUR BORDERING RESIDENTIAL PROPERTIES TO A DEPTH OF THREE FEET BELOW GRADE. ALTHOUGH EPA INDICATED THAT THEY HAD ASSIGNED AN ON-SCENE COORDINATOR TO THE CASE, EPA DID NOT INDICATE THE DEGREE TO WHICH THEY WOULD SUPPORT OR PERFORM WORK AT THE RESIDENTIAL PROPERTIES OR THE PARK ITSELF. MASSDEP WILL CONTINUE DISCUSSIONS WITH EPA IN THE COMING WEEKS TO FURTHER CLARIFY EACH AGENCY'S ROLE WITH INVESTIGATIONS AND ANY FUTURE REMEDIAL ACTIONS.

MASSDEP DEPARTED THE SITE AT APPROXIMATELY 2:45PM.

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