



RHODE ISLAND

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

OFFICE OF LAND REVITALIZATION & SUSTAINABLE MATERIALS MANAGEMENT

235 Promenade Street, Providence, Rhode Island 02908

REMEDIAL APPROVAL LETTER **File No. SR-39-2118**

April 4, 2023

Michael Debrousse, Director of Planning & Development
City of Woonsocket
169 Main Street
Woonsocket, RI 02895

RE: Allen Street Parking Lot
0 & 58 Allen Street
Woonsocket, Rhode Island
Plat Map 14 / Lots 174, 175, 176, and 177

Dear Mr. Debrousse:

On April 22, 2020, the Rhode Island Department of Environmental Management's (the Department) Office of Land Revitalization and Sustainable Materials Management (LRSMM) enacted the codified 250-RICR-140-30-1, Rules and Regulations for the Investigation and Remediation of Hazardous Material Releases (the Remediation Regulations). The purpose of these regulations is to create an integrated program requiring reporting, investigation, and remediation of contaminated sites in order to eliminate and/or control threats to human health and the environment. A Remedial Approval Letter (RAL) is a document used by the Department to approve remedial actions at contaminated sites that do not involve the use of complex engineered systems or techniques (e.g. groundwater pump and treat systems, soil vapor extraction systems, etc.).

In the matter of the above-referenced property (the Site), the Department's Office of LRSMM is in receipt of the following documentation submitted pursuant to the Remediation Regulations in response to the reported release at the Site:

1. Phase I Environmental Site Assessment (ESA), received by the Department on May 5, 2022, and prepared by BETA Group, Inc. (BETA);
2. Site-Specific Quality Assurance Project Plan, received by the Department on July 12, 2022, and prepared by BETA;
3. Public Notice Package, received by the Department on July 19, 2022, and prepared by BETA;
4. Site Investigation Report / Phase II ESA, received by the Department on November 11, 2022, and prepared by BETA;
5. Post-Site Investigation Public Notice, received by the Department on December 6, 2022, and prepared by BETA;

6. Remedial Action Work Plan / Analysis of Brownfield Cleanup Alternatives, received by the Department on February 17, 2023, and prepared by BETA; and
7. Remedial Action Approval Fee, received April 3, 2023, and submitted by the City of Woonsocket.

Together these documents fulfill the requirements of Section 1.9 (Risk Management) and Section 1.10 (Remedial Action Work Plan (RAWP)) of the Remediation Regulations.

The preferred remedial alternative involves:

- Alternative 1: No action and Implementation of an Environmental Land Usage Restriction (ELUR). The existing asphalt at the Site shall remain in place to act as an engineered barrier. An ELUR shall be recorded on the deed for the entire property (Plat Map 14 / Lots 174, 175, 176, and 177). The ELUR shall require the performance of annual inspections to document the status of the ELUR and the condition of the engineered controls. Furthermore, the ELUR shall include a Department-approved post-remediation Soil Management Plan (SMP) which will address any future activities that may disturb on-Site soils. The ELUR shall be recorded for the entire property in the Land Evidence Records for the City of Woonsocket, and a recorded copy forwarded back to the Department within fifteen (15) days of recording.
- Alternative 2: Shallow soil removal. All soils from 0-5 feet below ground surface shall be excavated and disposed of at an off-site licensed facility. Confirmatory samples shall be collected to confirm all soils exceeding the applicable Direct Exposure Criteria have been removed.

Based upon review and consideration of the above referenced documents, the Department approves the Remedial Action Work Plan (RAWP) through this RAL provided that:

1. All work must be performed in accordance with all applicable regulations and the Department approved RAWP.
2. Start of the work described in the Department approved RAWP must be initiated within ninety (90) days of issuance of this RAL.
3. Prior to initiating any remedial activities, the Department shall be provided with a list of all contractors, and their respective contact information, that will be used on Site to complete the remedial work described in the Department approved RAWP. The Department shall be notified, when feasible, a minimum of five (5) working days in advance of any changes in contractors and/or consultants involved with the remedial work on this Site. The notification must be promptly supplied in writing with complete contact information for each new contractor or consultant (including but not limited to company name and address, contact name and address, contact telephone number and e-mail address).
4. All excavated regulated soil, if not approved for encapsulation onsite, shall be disposed of off-site

at an appropriately licensed disposal facility in accordance with all local, State, and Federal laws. Copies of the material shipping records and manifests associated with the disposal of the material shall be included along with the Closure Report.

5. Areas of the site where contaminated soils are to be excavated must be staged and temporarily stored in a designated area, as proposed in the RAWP, of the site with proper polyethylene covers. Any stockpiled materials, including clean fill, must be underlain and covered with polyethylene sheeting and be secured at the end of each day with all appropriate erosion and sediment controls to limit the loss of the cover and protect against storm-water and wind erosion (i.e. hay bales, rocks, silt fencing). These appropriate sedimentation and erosion controls must be in place and in proper working order at all times until all disturbed areas are stabilized and capped as proposed. Within reason, the storage location will be selected to limit the unauthorized access to the materials (i.e. away from public roadways/walkways). No regulated soil will be stockpiled on-site for greater than thirty (30) days. In the event that stockpiled soils pose a risk or threat of leaching hazardous materials, a proper leak-proof container (i.e. drum or lined roll-off) or secondary containment will be required and utilized.
6. The Office of LRSMM no longer requires the submittal of analytical data prior to clean fill being brought to a Site. It is the sole responsibility of the Performing Party and their consultant to analyze the material, certify that the material meets the Department's Residential Direct Exposure Criteria (RDEC), as defined by the Remediation Regulations, for all constituents, and is suitable for use on the Site. The Office of LRSMM strongly suggests that enough representative samples of the clean fill are collected prior to moving the material to the Site to satisfy the Performing Party and their consultant that the material meets the RDEC. Please note that the Office of LRSMM reserves its rights to sample the fill, if suspect, to confirm compliance with the RDEC.
7. All regulated soil remaining onsite shall be encapsulated by an engineered control consistent with those described in the Department approved RAWP.
8. Dust suppression techniques (i.e. watering) must be employed at all times during all soil disturbing/handling activities at the site in order to minimize the generation of fugitive dust.
9. Compliance sampling for all excavations shall be laboratory analyzed for polycyclic aromatic hydrocarbons (PAHs) and metals. Please note that if soil exceeding the Department's Residential Direct Exposure Criteria (RDEC) is to remain onsite then a draft Environmental Land Usage Restriction (ELUR) and Soil Management Plan (SMP) must be submitted to the Office of LRSMM for review and approval prior to recording.
10. Within ninety (90) days of completion of the work described in the Department approved RAWP, a Closure Report detailing the remedial action and including any disposal documentation shall be submitted to the Office of LRSMM.
11. Within ninety (90) days of completion of the work described in the Department approved RAWP, the final Department approved ELUR shall be recorded in the City of Woonsocket Land Evidence Records for the property and a stamped, certified copy returned to the Department within fifteen (15) days of recording. Upon receipt of a copy of the recorded (stamped) ELUR, the Office of

LRSMM will issue a Letter of Compliance.

12. Following recording of the ELUR, the site shall be maintained and annually inspected to evaluate the compliance status of the site with the ELUR. Within thirty (30) days of each annual inspection, an evaluation report shall be prepared and submitted to the Office of LRSMM detailing the findings of the inspection and noting any compliance violations at the site.
13. Any changes in the activities detailed in the RAWP shall be reported to the Office of LRSMM by telephone within one (1) working day and in writing within five (5) business days.
14. The Office of LRSMM shall be notified forty-eight (48) hours prior to initiating the remedial activities at the site associated with the Department approved RAWP.
15. The Office of LRSMM shall be immediately notified of any site or operation condition that results in non-compliance with this RAL.

At this time, the Office of LRSMM offers its concurrence with the proposed remedial action for the property. The Department approves the RAWP provided that all activities and procedures detailed in the RAWP are strictly adhered to. Furthermore, this letter continues to place primary responsibility for the construction, operation, maintenance, and monitoring of the approved RAWP and its associated implementation on the City of Woonsocket. As the Voluntary Party and Performing Party, the City of Woonsocket is expected to implement the RAWP in an expeditious and professional manner that prevents non-compliance with this RAL and said RAWP, and is protective of human health and the environment.

Please note that at this time the Department does not approve the ELUR for recording in the Land Evidence Records with the City of Woonsocket. Please forward an electronic version of the draft ELUR and the post-construction SMP in red line / strikeout format for Department review and approval. The draft ELUR and SMP shall be reviewed and approved by the Department, followed by recording of the approved ELUR, at the completion of all remedial work.

This RAL does not remove your obligation to obtain any other necessary permits from other local, State, or Federal agencies.

If you have any questions regarding this letter or would like the opportunity to meet with Department personnel, please contact me by telephone at (401) 222-2797, ext. 277-7105, or by E-mail at Rachel.simpson@dem.ri.gov.

Sincerely,



Rachel T. Simpson
Principal Environmental Scientist
Office of Land Revitalization &
Sustainable Materials Management

Authorized by,



Jeffrey P. Crawford
Principal Environmental Scientist
Office of Land Revitalization &
Sustainable Materials Management

Cc: Kelly J. Owens, RIDEM/LRSMM
Joseph McLoughlin, BETA Group, Inc.
Jessica Dominguez, EPA Region 1