



RHODE ISLAND

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

235 Promenade Street, Providence, RI 02908-5767

TDD 401-222-4462

**REMEDIAL DECISION LETTER**

April 19, 2018

**File No. SR-26-0934A**

(Formerly Case No. Case No. 95-022)

Mr. Jesse Edmands  
Project Manager  
National Grid  
40 Sylvan Road  
Waltham, MA 02451

RE: Tidewater Manufactured Gas Plant (former)  
Tidewater Street  
Pawtucket, Rhode Island  
Plat Map 65B / Lots 647, 648 & 649

Dear Mr. Edmands:

On November 9, 2011, the Rhode Island Department of Environmental Management's (the Department) Office of Waste Management (OWM) amended the 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 in a timely and cost-effective manner. A Remedial Decision Letter (RDL) is a formal, written communication from the Department that approves a site investigation, identifies the preferred remedial alternative and authorizes the development of a Remedial Action Work Plan (RAWP) in order to achieve the objectives of the environmental clean-up.

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

1. Work Study Plan, Remedial Investigation for Valley Gas Company, Pawtucket, Rhode Island, received by the Department in December 1986, and prepared by Goldberg-Zoino & Associates, Inc.;
2. Proposal for Preliminary Assessment at a Former Gas Plant Site, received by the Department on April 23, 1987, and prepared by Roy F. Weston, Inc. (Weston);

3. Investigation Work Plan for the No. 1 Station Site, received by the Department on November 5, 1987, and prepared by Weston;
4. Investigations at the No. 1 Station Site, received by the Department in May 1988, and prepared by Weston;
5. Underground Storage Tank Closure Completion Report, Blackstone Valley Electric Company, No. 1 Station, Thornton Street, Pawtucket, Rhode Island, received by the Department on May 29, 1991, and prepared by M&E Zecco, Inc.;
6. Letter Re: Letter of Responsibility, Case No. 95-022, Tidewater Manufactured Gas Plant Site, Pawtucket, Rhode Island, received by the Department on December 1, 1995, and prepared by Isaacson, Rosenbaum, Woods & Levy, P.C.;
7. Addendum to the Work Plan/Response to Comments, Draft Work Plan for Remedial Investigation, Tidewater Former Manufactured Gas Plant Site, Pawtucket, Rhode Island, received by the Department on June 10, 1996, and prepared by Eastern Utilities (EU);
8. Remedial Investigation at the Tidewater Site, Pawtucket, Rhode Island, received by the Department on December 30, 1996, and prepared by Atlantic Environmental Services, Inc. (AES);
9. Tidewater Site, Additional Background Surface-Soil Sampling, Pawtucket, Rhode Island, Summary Report, received by the Department on June 6, 1997, and prepared by GEI Consultants, Inc./Atlantic Environmental Division (GEI/AED);
10. Addendum to the Tidewater Site Additional Background Surface-Soil Sampling, Pawtucket, Rhode Island, received by the Department on January 9, 1998, and prepared by GEI/AED;
11. Tidewater Site, Application for Variance, Pawtucket, Rhode Island, received by the Department on January 9, 1998, and prepared by GEI/AED;
12. Hazardous Material Release Notification, New England Gas Company, Tidewater Street, Pawtucket, Rhode Island, received by the Department on November 4, 2004, and prepared by New England Gas Company (NEGC);
13. Abutter Notification, Site Investigation Activities, Former Tidewater Manufactured Gas Plant, Pawtucket, Rhode Island, received by the Department on March 22, 2006, and prepared by Vanasse Hangen Brustlin, Inc. (VHB);
14. Short-Term Response Action Plan, Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on January 21, 2007, and prepared by GZA GeoEnvironmental, Inc. (GZA);
15. Release Notification, The Narragansett Electric Company d/b/a/National Grid, Polychlorinated Biphenyl Release, Pawtucket #1 Substation, Pawtucket, Rhode Island,

received by the Department on June 7, 2007, and prepared by Ransom Environmental Consultants, Inc. (REC);

16. Notice to Abutter, Sediment Sampling, Tidewater Manufactured Gas Plant (MGP) & Pawtucket No. 1 Power Station Site, Pawtucket, Rhode Island, received by the Department on July 3, 2008, and prepared by Arcadis;
17. Sediment Investigation Work Plan, Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on July 3, 2008, and prepared by GZA GeoEnvironmental, Inc. (GZA);
18. Sediment Investigation Work Plan, Former Tidewater Facility, received by the Department on July 7, 2008, and prepared by Arcadis;
19. Release Notification, The Narragansett Electric Company d/b/a/ National Grid, 200 Taft Street, Pawtucket, Rhode Island, received by the Department on June 17, 2009, and prepared by VHB;
20. Tidewater Sediment Data Report, Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on June 26, 2009, and prepared by Anchor QEA, LLC (Anchor);
21. Response to Comments Dated February 25, 2009, Pawtucket No. 1 Station Self Implementing plan to Address PCB-Impacted Soil, 6 Thornton Street, Pawtucket, Rhode Island, received by the Department on March 24, 2009, and prepared by GZA;
22. Notice to Abutter, Environmental Site Investigation, Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on April 16, 2009, and prepared by GZA;
23. Notice of Release, Former Tidewater Facility, 200 Taft Street, Pawtucket, Rhode Island, received by the Department on November 4, 2009, and prepared by GZA;
24. Supplemental Site Investigation Work Plan (SWIPP), Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on November 23, 2009, and prepared by GZA;
25. Remedial Summary Report – Response to Stormwater Release, Former Tidewater Facility, 200 Taft Street, Pawtucket, Rhode Island, received by the Department on November 25, 2009, and prepared by GZA;
26. Short-Term Response Action Plan, Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on December 4, 2009, and prepared by GZA;
27. Short-Term Response Action Summary Report, Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on February 1, 2010, and prepared by GZA;
28. Multiple Site Response Action Status Reports, received by the Department starting on February 1, 2010, with monthly periodic submittals ongoing through the present day, and

prepared by GZA;

29. Gas Holder Demolition – Ruptured Vactor Hose, Former Gas Holder Dismantling, Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on September 30, 2010, and prepared by GZA;
30. Short-Term Response Action Plan Closure Report, MGP-Residuals Roadway Remediation, Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on October 1, 2010, and prepared by GZA;
31. Short-Term Response Action Plan, Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on October 1, 2010, and prepared by GZA;
32. Supplemental Site Investigation Work Plan (SWIPP) Addendum, Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on October 15, 2010, and prepared by GZA;
33. Former Gas Holder Dismantling Project, Status Update, Former Tidewater MGP and Power Plant Site, 200 Taft Street, Pawtucket, Rhode Island, received by the Department on October 26, 2010, and prepared by GZA;
34. Multiple Upcoming Site Response Action Reports, received by the Department starting on November 19, 2010, with weekly or biweekly periodic submittals ongoing through the present day, and prepared by GZA;
35. Short-Term Response Action Plan (Revised), Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on January 10, 2011, and prepared by GZA;
36. Letter Response to the Department's Request Pursuant to Air Pollution Control Regulation No. 14, received by the Department on January 11, 2011, and prepared by National Grid;
37. Site Investigation Data Report, Former Tidewater MGP and Power Plant Site, Pawtucket, Rhode Island, received by the Department on January 13, 2011, and prepared by GZA;
38. Short-Term Response Action Plan (Revised), Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on January 18, 2011, and prepared by GZA;
39. Release Notification, Gas Regulator Station, Former Tidewater Facility, 200 Taft Street, Pawtucket, Rhode Island, received by the Department on April 14, 2011, and prepared by GZA;
40. Evaluation of Applicability of Air Pollution Control Regulation No. 9 & Air Quality Monitoring Program, Natural Gas Regulator Station Upgrade Project, Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on April 19, 2011, and prepared by GZA;

41. Materials Management Plan, Natural Gas Regulator Reconstruction Activities, Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on April 29, 2011, and prepared by GZA;
42. Air Quality Monitoring, Natural Gas Regulator Station Upgrade Project, Former Tidewater Facility Pawtucket, Rhode Island, received by the Department on May 5, 2011, and prepared by GZA;
43. Evaluation of Applicability of Air Pollution Control Regulation No. 9, Proposed Above Ground Former Processing Pipe Removal Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on June 23, 2011, and prepared by GZA;
44. Gasholder Nos. 7 and 8 Decommissioning and Demolition Completion Report, Former Tidewater MGP and Power Plant Site, Tidewater Street, Pawtucket, Rhode Island, received by the Department on July 8, 2011, and prepared by GZA;
45. Remedial Alternative Evaluation Report, Former Tidewater MGP and Power Plant Site, Pawtucket, Rhode Island, received by the Department on July 29, 2011, and prepared by GZA;
46. Notice to Abutter, Short-Term Response Action - Pipe Removal, Former Tidewater Facility Pawtucket, Rhode Island, received by the Department on August 1, 2011, and prepared by GZA;
47. Site Characterization and Performance-Based Disposal Plan, Natural Gas Regulator Station Area, Former Tidewater Facility, 200 Taft Street, Pawtucket, Rhode Island, received by the Department on August 9, 2011, and prepared by GZA;
48. Supplemental Site Investigation Work Plan (SSIWP) Addendum, Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on August 12, 2011, and prepared by GZA;
49. Short-Term Response Action Completion Report, Former Process Pipe Removal, Former Tidewater Facility Pawtucket, Rhode Island, received by the Department on September 22, 2011, and prepared by GZA;
50. Completion Report, Performance-Based PCB Remedial Activities, Natural Gas Regulator Station Area, Former Tidewater Facility, 200 Taft Street, Pawtucket, Rhode Island, received by the Department on November 3, 2011, and prepared by GZA;
51. Evaluation of Applicability of Air Pollution Control Regulation No. 9, Substation Upgrade Earthwork Activities, Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on February 13, 2012, and prepared by GZA;
52. Community Interviews Notice, Tidewater Site Cleanup, Merry and Tidewater Streets, Pawtucket, Rhode Island, received by the Department on June 1, 2012, and prepared by

National Grid;

53. Response to Comments, Evaluation of Applicability of Air Pollution Control Regulation No. 9 – Substation Upgrade Earthwork Activities, Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on June 14, 2012, and prepared by GZA;
54. Response to July 5, 2012 Letter, Evaluation of Applicability of Air Pollution Control Regulation No. 9 – Substation Upgrade Earthwork Activities, Former Tidewater Facility Pawtucket, Rhode Island, received by the Department on July 27, 2012, and prepared by GZA;
55. Notice to Abutter and Interested Parties, Proposed Electrical Substation Upgrades, Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on August 10, 2012, and prepared by GZA;
56. Site Investigation Report Addendum, Former Tidewater MGP and Power Plant Site, Pawtucket, Rhode Island, received by the Department on September 11, 2012, and prepared by GZA;
57. Summary of June 2012 Waterline Repair and Hydrant Replacement Activities, Former Tidewater Facility Pawtucket, Rhode Island, received by the Department on September 12, 2012, and prepared by GZA;
58. Summary of Air Quality Monitoring during Substation Earthwork, Former Tidewater MGP and Power Plant Pawtucket, Rhode Island, received by the Department on September 28, 2012, and prepared by GZA;
59. Notice to Abutter and Interested Parties, DRAFT Public Involvement Plan, Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on November 26, 2012, and prepared by GZA;
60. Multiple Weekly Air Monitoring Data Reports, received by the Department starting on December 21, 2012, with periodic submittals ongoing through April 4, 2014, and prepared by GZA.
61. Notice to Abutters and Interested Parties, Public Meeting to Discuss DRAFT Public Involvement Plan, Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on January 14, 2013, and prepared by GZA;
62. Presentation from January 29, 2013, Public Involvement Plan Meeting, received by the Department on January 29, 2013, and prepared by GZA;
63. Meeting Summary - January 29, 2013, Draft Public Involvement Plan, Former Tidewater MGP and Power Plant Site, Pawtucket, Rhode Island, received by the Department on February 15, 2013, and prepared by GZA;

64. Notice to Abutters and Interested Parties, Community Outreach Session, Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on March 4, 2013, and prepared by GZA;
65. Response to Public Comments, Draft Public Involvement Plan, Former Tidewater MGP and Power Plant Site Pawtucket, Rhode Island, received by the Department on March 22, 2013, and prepared by GZA;
66. Supplemental Site Investigation Work Plan, Soil Gas Sampling and Analysis, Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on May 2, 2013, and prepared by GZA;
67. Notice to Abutter, Supplemental Site Investigation Work Plan Addendum – Soil Gas Quality, Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on June 13, 2013, and prepared by GZA;
68. Fact Sheet - Tidewater Site, Assessing the Quality of Soil Gas Near Neighboring Properties, received by the Department on August 28, 2013, and prepared by GZA;
69. Site Investigation Report Addendum, Soil Gas Sampling and Analysis, Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on October 1, 2013, and prepared by GZA;
70. Public Involvement Plan, Former Tidewater Facility and Former Power Plant, Tidewater and Merry Streets, Pawtucket, Rhode Island, received by the Department on October 15, 2013, and prepared by GZA;
71. Supplemental Site Investigation Work Plan, Limited Soil and Groundwater Sampling and Analysis, Former Tidewater Facility Pawtucket, Rhode Island, received by the Department on February 7, 2014, and prepared by GZA;
72. Supplemental Site Investigation Work Plan, Limited Soil and Groundwater Sampling and Analysis, Former Tidewater Facility Pawtucket, Rhode Island, received by the Department on February 26, 2014, and prepared by GZA;
73. Meeting Summary – March 6, 2013, Soil Gas Data, Former Tidewater MGP and Power Plant Site, Pawtucket, Rhode Island, received by the Department on March 26, 2014, and prepared by GZA;
74. Site Investigation Report Addendum, Focused Soil and Groundwater Sampling and Analysis, Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on July 9, 2014, and prepared by GZA;
75. Fact Sheet - Tidewater Site, Assessing the Quality of Soil and Groundwater near the Natural Gas Regulator Station, received by the Department on July 21, 2014, and prepared by GZA;

76. Summary of Soil Gas Sampling – SG-105S, Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on October 1, 2014, and prepared by GZA;
77. Groundwater Monitoring Report - 2013, Former Tidewater Facility and Merry Street, Pawtucket, Rhode Island, received by the Department on October 31, 2014, and prepared by GZA;
78. Planned Building Demolition, Former Tidewater MGP and Power Plant Site, Pawtucket, Rhode Island, received by the Department on April 27, 2015, and prepared by GZA;
79. Fact Sheet - Removal of On-Site Structures, Former Tidewater MGP and Power Plant Site, received by the Department on June 8, 2015, and prepared by GZA;
80. Release Notification, Former Tidewater Manufactured Gas Plant (MGP), Case Number 95-002, 200 Taft Street, Pawtucket, Rhode Island, received by the Department on August 24, 2015, and prepared by GZA;
81. Release Notification, Former Tidewater Manufactured Gas Plant (MGP), Case Number 95-002, 200 Taft Street, Pawtucket, Rhode Island, received by the Department on September 23, 2015, and prepared by GZA;
82. Groundwater Monitoring Report - 2014, Former Tidewater Facility and Merry Street, Pawtucket, Rhode Island, received by the Department on December 7, 2015, and prepared by GZA;
83. Short Term Response Action Plan – South Washout Area, Former Tidewater Facility, 200 Taft Street, Pawtucket, Rhode Island, received by the Department on January 25, 2016, and prepared by GZA;
84. Annual Groundwater Monitoring Report - 2015, Former Tidewater Facility, 200 Taft Street, Pawtucket, Rhode Island, received by the Department on April 22, 2016, and prepared by GZA;
85. Short Term Response Action (STRA) Completion Report – South Washout Area, Former Tidewater Facility, 200 Taft Street, Pawtucket, Rhode Island, received by the Department on September 23, 2016, and prepared by GZA;
86. Annual Groundwater Monitoring Report - 2016, Former Tidewater Facility, 200 Taft Street, Pawtucket, Rhode Island, received by the Department on January 18, 2017, and prepared by GZA;
87. Site Investigation Report (SIR) Addendum, Former Tidewater Facility, RIDEM File No. SR-26-0934A, RIDEM Case Number: 95-022 Street, Tidewater Street, Pawtucket, Rhode Island, received by the Department on May 23, 2017, and prepared by GZA;
88. Notification to Abutters, Site Investigation, Former Tidewater Facility, Terminus of



Tidewater Street and Merry Street, Pawtucket, Rhode Island, (English, Spanish and Portuguese), received by the Department on June 13, 2017, and prepared by GZA;

89. Limited Design Investigation (LDI) Work Plan, Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on June 26, 2017, and prepared by GZA;
90. Fact Sheet and Community Meeting Notice, (English, Spanish and Portuguese), received by the Department on July 11, 2017, and prepared by National Grid;
91. Final Poster Boards from July 26, 2017 Community Meeting, received by the Department on July 26, 2017, and prepared by GZA;
92. Summary of Initial Community Meeting, Former Tidewater Facility, Pawtucket, Rhode Island, received by the Department on August 15, 2017, and prepared by GZA;
93. Notice to Abutters and/or Interested Parties, Limited Design Investigation, Former Tidewater Facility, Pawtucket, Rhode Island, (English, Spanish and Portuguese), received by the Department on August 22, 2017, and prepared by GZA; and
94. 2017 Annual Groundwater Monitoring Report, Former Tidewater Facility, 200 Taft Street, Pawtucket, Rhode Island, received by the Department on February 8, 2018, and prepared by GZA.

Collectively, these documents define “Existing contamination” at the Site, and fulfill the requirements of a Site Investigation Report (SIR) as described in Rule 7.08 of the Remediation Regulations. In addition, according to our records, public notice was conducted to all abutting property owners, tenants, easement holders, the municipality and Environmental Justice Focus Area, regarding the substantive findings of the completed investigation in accordance with Rules 7.07(A)(ii) and 7.09 of the Remediation Regulations. The Department has received documentation demonstrating that the requirements of Rhode Island General Laws (R.I.G.L.), title 23, Health and Safety, Chapter 23-19.14, Industrial Property Remediation and Reuse Act, 23-19.14-5, Environmental Equity and Public Participation, have been fulfilled. The opportunity for public review and comment on the technical feasibility of the proposed remedial alternatives commenced on July 11, 2017 and the period closed on August 9, 2017. Public comment was received regarding the remediation timeline and schedule, and was formally responded to in writing on August 15, 2017, by GZA. No additional comments on the technical feasibility of the proposed remedy were received.

The preferred remedial alternative, as stated in the SIR, consists of the following conceptual measures:

Limited removal and proper disposal of source material from three (3) identified potential source areas (the former tank UGGT-1, raceway structures and an area of crystallized naphthalene). Physical containment of Non-Aqueous Phase Liquid (NAPL) contamination on the Site by the construction of a 1,400-linear foot steel sheet piling wall along the downgradient riverfront, extending approximately 25 to 40 feet below ground surface (bgs) and keyed approximately two (2)

feet into the underlying till layer. The containment wall will not be continuous in the area of the electrical transmission towers (southeast portion of the Site) due to safety concerns associated with construction in the vicinity of the high voltage overhead transmission lines, but will include wing walls and integral NAPL recovery wells immediately north and south of the transmission tower area to facilitate NAPL containment. Construction of an engineered control cap over the entire site consisting of an impermeable cap in areas of the Site where infiltration through soil impacts would likely impact underlying groundwater, and a permeable cap in remaining portions of the Site where soil impacts are limited and unlikely to impact underlying groundwater. The impermeable cap shall consist of up to two (2) feet of clean imported soil (minimum of 1 foot), an underlying drainage system, all underlain by an impermeable layer (i.e., geomembrane or clay layer). The permeable cap shall consist of a minimum of one (1) foot of clean imported soil with an underlying geotextile. The proposed engineered cap shall be subject to review and approval by the Rhode Island Coastal Resources Management Council (RI CRMC) and the Department's Office of Water Resources (OWR) Water Quality Certification (WQC) Program for consistency with the requirements of those programs, and the final approved design shall be described in the Remedial Action Work Plan (RAWP) for the Site.

Performance of periodic focused NAPL collection and recovery immediately upgradient of the containment wall from a series of newly installed shallow and deep collection and recovery well pairs and other site monitoring wells where NAPLs have historically accumulated. Light Non-Aqueous Phase Liquid (LNAPL) recovery activities will be performed either manually via periodic removal with peristaltic pumps or passively with oil collection traps installed within the wells. Dense Non-Aqueous Phase Liquid (DNAPL) recovery activities will be performed manually via periodic removal with peristaltic pumps or suction pumps. Performance of periodic NAPL gauging and groundwater quality monitoring from a network of newly installed shallow/deep NAPL monitoring wells downgradient of the containment wall and select monitoring wells on the Site. Performance of Limited Design Investigations (LDIs) to estimate potential effects of the containment wall on local groundwater mounding and flow patterns, and to evaluate the potential existence of subsurface obstructions to construction of the containment wall or its proposed layout. Performance of a utility survey to determine the location and depth of active utilities present on the Site in order to properly incorporate these utilities into the design of the engineered cap and containment wall. Calculation and modeling of potential emissions from the remediation and construction activities to evaluate the applicability of the Department's Office of Air Resources (OAR) Air Pollution Control Regulation No. 9 - Air Pollution Control Permits. Design and implementation of an air quality control and monitoring program that is protective of both on-Site workers and the surrounding community during the remedy implementation phase of the project.

An Environmental Land Usage Restriction (ELUR) will be recorded on the property deed, restricting certain activities on the entire Site and ensuring that the engineered cap and containment wall are not disturbed. The ELUR will require the performance of annual inspections to document the status of the ELUR and the condition of the engineered controls. The ELUR shall include a Soil Management Plan (SMP), which will address potential future activities that disturb on-site soils. The ELUR, once approved by the Department, shall be recorded for the property (Plat Map 65B / Lots 647, 648 & 649) in the Land Evidence Records for the City of Pawtucket and a recorded copy forwarded back to the Department.

Please be advised that this Remedial Decision Letter is limited to the investigation and proposed remediation of the terrestrial upland portion of the Site, and does not preclude additional investigation and/or remediation activities related to sediments impacted by historic or ongoing releases of hazardous materials at or from the Site.

The Department hereby approves the SIR, with the above identified preferred remedial alternative, and requires a RAWP be submitted for review and approval, and implemented, to achieve the objectives of the environmental clean-up, in accordance with the following conditions:

1. In accordance with Sections 8.00 and 9.00 of the Remediation Regulations, a RAWP, ELUR, and SMP shall be submitted for Department review and approval within sixty (60) days from the date of this letter. The RAWP shall describe all of the technical details, engineer design elements, and schedules associated with the implementation of the proposed remedy. All of the subsections outlined in Section 9.00 of the Remediation Regulations must be included in order to facilitate the review and approval of the RAWP. If an item is not applicable to this Site, simply state that it is not applicable and provide an explanation in the RAWP.
2. Pursuant to Rule 10.02 of the Remediation Regulations, an application fee for Remedial Action Approvals in the amount of one thousand (\$1,000.00) dollars shall be made payable to the State of Rhode Island General Treasurer and remitted to the Office of Management Services with the attached Remedial Action Approval Application Fee Form. Receipt of this Remedial Action Approval Application Fee is required prior to the Department's RAWP review.
3. Once the Department reviews the RAWP for consistency with Sections 8.00 and 9.00 of the Remediation Regulations, any written comments generated and forwarded as a result of the review(s) shall be incorporated forthwith into a RAWP Addendum, to be submitted for final approval.
4. Upon finalization of the RAWP, the Department will issue an Order of Approval (OA), signifying Department approval. All remedial measures required by the Department shall be implemented, in accordance with the approved schedule, to ensure all applicable exposure pathways at the site are appropriately addressed.

**Please be advised that the Department reserves the right to require additional actions under the aforementioned Remediation Regulations at the Property should any of the following occur:**

- Conditions at the Site previously unknown to the Department are discovered;
- Information previously unknown to the Department becomes available;
- Policy and/or regulatory requirements change; and/or

- Failure by National Grid or any future holder of any interest in the Property to adhere to the terms and conditions of the Department approved RAWP, schedule, OA, ELUR and/or SMP for the Property.

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. 7109, or by E-mail at [joseph.martella@dem.ri.gov](mailto:joseph.martella@dem.ri.gov).

Sincerely,



Joseph T. Martella II  
Principal Engineer  
Office of Waste Management

cc: Kelly Owens, RIDEM/OWM  
Ronald Gagnon, RIDEM/OCTA  
Ruth Gold, RIDEM/OAR  
Neil Personeus, RIDEM/OWR/WQC  
Barbara Morin, RIDOH/Center for Healthy Homes & Environment  
Tracy A. Silvia, RI CRMC  
Dylan M. Zelazo, Pawtucket Mayor's Office  
Susan Mara, Pawtucket Planning  
Michael D. Cassidy, Pawtucket Planning  
Andrew Silvia, Pawtucket/DPW  
Robert Billington, Blackstone Valley Tourism Council  
Gerard Charbonneau, Chairman, Pawtucket School Committee  
Julie Nora, Ph.D., International Charter School  
Carolyn Sheehan, Blackstone Academy  
Mary Murray, Francis J. Varieur Elementary School  
Ms. Cristina Cabrera, Environmental Justice League of Rhode Island  
Michele Leone, National Grid  
James J. Clark, GZA

Attachment: Remedial Action Approval Application Fee Form



**Rhode Island Department of Environmental Management  
Office of Waste Management**

**REMEDIAL ACTION APPROVAL APPLICATION FEE FORM**

Rule 10.02 of the Department's Rules and Regulations for the Investigation and Remediation of Hazardous Material Releases, requires an application fee for Remedial Action Approvals in the amount of one thousand (\$1,000) dollars. Please submit this form and check, made payable to the State of Rhode Island General Treasurer, directly to:

**R.I. Department of Environmental Management  
Office of Management Services - Rm 340  
235 Promenade Street  
Providence, RI 02908**

Please complete this page and attach it to the check or money order. This information must be provided to coordinate your fee with the application submitted.

Site Name: Tidewater Manufactured Gas Plant (former)

Address: Tidewater Street

Town/City: Pawtucket

File Number: SR-26-0934A

Contact Person: \_\_\_\_\_

Phone No: \_\_\_\_\_

RIDEM Project Manager: Joseph T. Martella/OWM

**FOR RIDEM OFFICE USE ONLY:**

Fee Amount Received: \_\_\_\_\_

Date Received: \_\_\_\_\_

Check#: \_\_\_\_\_

Receipt Account:

10.074.3765103.03.461043

cc:74:3481 Leg.17-18-841