THE TIDEWATER SITE
PRIOR TO START OF REMEDIAL WORK

FOR MORE INFORMATION, PLEASE VISIT WWW.TIDEWATERSITE.COM

Image courtesy of Google Professional
The Tidewater Site has a long History of industrial use dating back to at least 1881. Site operations, including the historic Manufactured Gas Plant (MGP), provided essential electric and gas service to the community for over 130 years. Large areas of the site are currently vacant. Current operations include a natural gas regulation facility, electrical transmission facilities and an electrical switch and substation facility.
REMEDIAL LAYOUT PLAN

The remedy for the Site consists of targeted removal of certain impacts, installation of a subsurface barrier wall designed to protect the Seekonk River and and the use of engineered caps to isolate impacts. This remedy was selected based on its ability to address Site impacts while minimizing community disturbance during implementation.
A subsurface barrier wall, installed along the Seekonk River, will prevent the migration of impacted groundwater and non-aqueous phase liquids (NAPLs).

**BARRIER/BULKHEAD WALL**

- **24" Topsoil**
- **Crushed Stone**
- **Existing Soil**
- **Liner System**
- **Groundwater Table**

**RIP RAP RETAINING SLOPE**

- **24" Rip Rap Cap**
- **Reactive Core Mat and Geotextile**
- **Warning Barrier**

**Construction of Barrier Wall - Sheet Pile Installation**

**Shoreline Improvement**
ENGINEERED CAP DETAILS

Rip Rap Cap

- 18" Rip Rap
- 6" Crushed Stone
- Existing Soil
- Reactive Core Mat and Geotextile Warning Barrier
- Varies (24" Minimum)

Impermeable Cap

- 6" Topsoil
- 18" Clean Soil
- Existing Soil
- Liner System
- Varies (24" Minimum Material depends on location)

Permeable Cap

- 6" Topsoil
- 6" Clean Soil
- Existing Soil
- Geotextile Warning Barrier
- Varies (12" Minimum Material depends on location)
The Tidewater Site remedy includes excavation and disposal of targeted impacted areas, as well as the installation of an engineered cap to prevent direct contact with Site materials and protect groundwater. In order to install the engineered cap and minimize the amount of materials needed to be transported offsite, National Grid will re-grade the Tidewater Site. Clean fill materials will be transported onto the Site to construct the cap.

**MATERIAL IMPORT AND DISPOSAL**

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<table>
<thead>
<tr>
<th>ROUTES</th>
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<tbody>
<tr>
<td>From Site to I-95N:</td>
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<tr>
<td>Taft Street to Roosevelt Avenue Extension</td>
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<tr>
<td>Roosevelt Avenue Extension to Main Street</td>
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<tr>
<td>Main Street to I-95N On-Ramp</td>
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</tbody>
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| From Site to I-95S: |
| Taft Street to Jenks Way |
| Jenks Way to Pleasant Street |
| Pleasant Street to Grace Street |
| Grace Street to George Street |
| George Street to Cedar Street |
| Cedar Street to I-95S On-Ramp |

| From I-95N to Site |
| Marrin Street to Grace Street |
| Grace Street to Pleasant Street |
| Pleasant Street to Jenks Way |
| Jenks Way to Taft Street |
| Taft Street to Tidewater Street |

| From I-95S to Site |
| Cedar Street to George Street |
| George Street to Grace Street |
| Grace Street to Pleasant Street |
| Pleasant Street to Jenks Way |
| Jenks Way to Taft Street |
| Taft Street to Tidewater Street |
WHAT TO EXPECT DURING REMEDY CONSTRUCTION

National Grid is completing the work as outlined in the Remedial Action Plan (RAWP) for the Tidewater Site. These images are from the work completed in the southern portion of the Tidewater Site.

DUST & ODOR CONTROL
- Water Truck Control Dust
- Covered Stockpiles Control Dust and Odors
- Foam Addresses Any Odors

SEDIMENT & EROSION CONTROL
- Straw Wattles Limit Erosion
- Turbidity Curtains Prevent Sediments From Migrating Away From Site

OFFSITE TRACKING CONTROL
- Tracking Pad Prevents Offsite Tracking of Material

FOR MORE INFORMATION, PLEASE VISIT WWW.TIDEWATERSITE.COM
**AIR MONITORING PROGRAM**

Throughout construction of the remedy, National Grid will deploy a robust, multi-tier air monitoring program to protect both onsite workers and community. Air monitoring data can be accessed at www.tidewater.com.

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**LEGEND**
- Current Air Monitoring Station Location - Solar Light Units (Organic Vapors and Fugitive Dust)
- Current Full Air Monitoring Station Location - Classic Units (Organic Vapors, Fugitive Dust and Benzene)
- Proposed Phase 4/5 Air Monitoring Station Location - Solar Light Units (Organic Vapors and Fugitive Dust)
- Proposed Phase 4/5 Full Air Monitoring Station Location - Classic Units (Organic Vapors, Fugitive Dust and Benzene)
- Bulletin Board Location

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**TIER 1 - REAL-TIME MONITORING**
- Classic Units
- Solar Lite Units

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**TIER 2 - AIR SAMPLE COLLECTION FOR LABORATORY TESTING**
- Summa Cannister

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FOR MORE INFORMATION, PLEASE VISIT WWW.TIDEWATERSITE.COM
# Anticipated Remedy Construction Schedule

<table>
<thead>
<tr>
<th>JULY 2020</th>
<th>OCTOBER 2020</th>
<th>JANUARY 2021</th>
<th>APRIL 2021</th>
<th>JULY 2021</th>
<th>OCTOBER 2021</th>
<th>2022</th>
<th>APRIL 2023</th>
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<tbody>
<tr>
<td>CONTRACTOR MOBILIZATION TO SITE</td>
<td>NOVEMBER 30, 2020</td>
<td>IMPLEMENTATION/CONSTRUCTION OF REMEDY PHASES 1-3</td>
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<td>OCTOBER 29, 2020</td>
<td>Community Outreach Event</td>
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<td>SEPTEMBER 14, 2021</td>
<td>Community Outreach Event</td>
<td>FALL 2022</td>
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**FOR MORE INFORMATION, PLEASE VISIT WWW.NGDWATERSITE.COM**
SITE CONDITIONS AFTER IMPLEMENTATION OF REMEDY TIDEWATER SITE

REALIGNED COMBINED SEWER OVERFLOW (CSO) TO BE CONSTRUCTED BY OTHERS

ANTICIPATED TIDEWATER LANDING DEVELOPMENT TO BE CONSTRUCTED BY OTHERS

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