



RHODE ISLAND  
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

235 Promenade Street, Providence, RI 02908-5767

TDD 401-222-4462

December 9, 2009

**CERTIFIED MAIL**

Michele Leone  
Manager, NE Site Investigation and Remediation  
The Narragansett Electric Co., d/b/a National Grid  
40 Sylvan Road  
Waltham, MA 02451

**RE: Former Tidewater Facility, 200 Taft Street Pawtucket, RI  
RIPDES Application No. RIG85E001**

Dear Ms. Leone:

Enclosed is your final authorization to discharge treated waste waters associated with the remediation of volatile organic compounds and other pollutants under the Rhode Island Pollutant Discharge Elimination System (RIPDES) Program. The Authorization to Discharge should be attached to your copy of the 2008 RIPDES Remediation General Permit and be kept on-site as verification of authorization to discharge. All terms and conditions, outlined in the RIPDES Remediation General Permit, must be met. Any permit non-compliance constitutes a violation of Chapter 46-12 of the Rhode Island General Laws of 1956, as amended, and is grounds for enforcement. For future references and inquiry, your permit number is RIPDES No. RIG85E001.

Information detailing sampling and testing procedures, monitoring period, and due dates are outlined in part II.B of the RIPDES Remediation General Permit. Specifically, this section requires that influent and effluent samples be taken on the 1<sup>st</sup>, 3<sup>rd</sup>, and 6<sup>th</sup> day during the first week of discharge and analyzed using 72-hour turnaround time. Sampling for the remainder of the first month shall be weekly. After the first month of discharge, if the discharge continues, sampling shall be at least twice per month. All sampling shall be reported on Discharge Monitoring Report (DMR) forms. Please be advised that, a copy of the facility's DMR forms and instructions will be sent to the permittee in approximately one (1) month. The DMRs may be duplicated, but an originally signed copy must be sent to the RIPDES Program at the address below:

December 9, 2009  
Page 2

Senior Computer Operator  
Rhode Island Department of Environmental Management  
RIPDES Program  
235 Promenade Street  
Providence, Rhode Island 02908-5767

If you have any questions regarding the RIPDES Remediation General Permit, you may contact Brian Lafaille, P.E. of the RIPDES Program staff at (401) 222-4700, Extension 7731.

Sincerely,



Eric A. Beck, P.E.  
Supervising Sanitary Engineer  
RIPDES Permitting Section

EAB/bl

Enclosure(s)

cc: Annie McFarland, DEM/OWR (Electronic Copy)  
Traci Pena, DEM/OWR (Electronic Copy)  
Joseph Martella, DEM/OWM (Electronic Copy)  
Stephen Andrus, GZA GeoEnvironmental (Electronic Copy)

**AUTHORIZATION TO DISCHARGE UNDER THE  
RHODE ISLAND POLLUTANT DISCHARGE ELIMINATION SYSTEM**

**2008 RIPDES Remediation General Permit**

In compliance with the provisions of Chapter 46-12 of the Rhode Island General Laws, as amended,

The Narragansett Electric Co., d/b/a National Grid  
40 Sylvan Road  
Waltham, MA 02451

is authorized to discharge treated waste waters from a facility located at

Former Tidewater Facility  
200 Taft Street  
Pawtucket, RI 02860

to receiving waters named

Seekonk River

in accordance with the conditions and requirements set forth in the 2008 RIPDES Remediation General Permit including but not limited to the effluent limitations and monitoring requirements associated with Discharge Category E, discharging to Salt Waters. The specific pollutants for which monitoring requirements and effluent limitations under Discharge Category E must be met are indicated in the attached limitations page. Pollutant specific permit limitations and monitoring frequencies are listed in Part II.D.15 of the Remediation General Permit. All groundwater pumped at the site shall be treated using the system described in the plans submitted to the Department dated November 12, 2009 and amended on December 1, 2009. The treatment and discharge flow rate shall not exceed 100 gpm.

Coverage under the RIPDES Remediation General Permit and the authorization to discharge shall become effective on date of signature.

Coverage under the RIPDES Remediation General Permit and the authorization to discharge shall expire at midnight, on September 30, 2013.

The issuance of this authorization does not relieve the permittee from compliance with any other applicable laws or regulations administered by the Department of Environmental Management or any other governmental entity.

Signed this *9<sup>th</sup>* day of *December*, 2009.



---

Eric A. Beck, P.E., Supervising Sanitary Engineer  
Office of Water Resources  
Rhode Island Department of Environmental Management  
Providence, Rhode Island



The following table indicates which pollutants within Discharge Category E, Salt Waters are applicable to Permit No. RIG85E001.

Pollutant	Monitoring & Limits Are Applicable If Checked	Pollutant	Monitoring & Limits Are Applicable If Checked
Flow	√	Total Group I PAHs	
Total Suspended Solids	√	Benzo (a) Anthracene	
Total Residual Chlorine		Benzo (a) Pyrene	
Total Petroleum Hydrocarbons	√	Benzo (b) Fluoranthene	
Cyanide	√	Benzo (k) Fluoranthene	
Benzene	√	Chrysene	
Toluene	√	Dibenzo (a,h) anthracene	
Ethylbenzene	√	Indeno (1,2,3-cd) Pyrene	
Total Xylenes (m,p,o)	√	Total Group II PAHs	√
Total BTEX	√	Acenaphthene	
Ethylene dibromide		Acenaphthylene	
Methyl-t-Butyl Ether (MTBE)		Anthracene	
Tert-Amyl Methyl Ether		Benzo (ghi) Perylene	
Carbon Tetrachloride		Fluoranthene	
1,4 Dichlorobenzene		Fluorene	
1,2 Dichlorobenzene		Naphthalene	√
1,3 Dichlorobenzene		Phenanthrene	
Total Dichlorobenzene		Pyrene	
1,1 Dichloroethane		Total Polychlorinated	
1,2 Dichloroethane		Antimony (total recoverable)	
1,1 Dichloroethylene		Arsenic (total recoverable)	
cis - 1,2 Dichloroethylene		Cadmium (total recoverable)	
Dichloromethane		Chromium III (total	
Tetrachloroethylene		Chromium VI (total	
1,1,1 Trichloroethane		Copper (total recoverable)	√
1,1,2 Trichloroethane		Lead (total recoverable)	√
Trichloroethylene		Mercury (total recoverable)	
Vinyl Chloride		Nickel (total recoverable)	
Acetone		Selenium (total recoverable)	
1,4 Dioxane		Silver (total recoverable)	
Total Phenols		Zinc (total recoverable)	√
Pentachlorophenol		Iron (total recoverable)	√
Total Phthalates		----	----
Bis (2-Ethylhexyl) Phthalate		----	----