

September 22, 2010  
File No. 43654.00

Ms. Annie McFarland  
RI Department of Environmental Management  
Office of Water Resources  
235 Promenade Street  
Providence, Rhode Island 02908-5767



Re: Discharge Monitoring Report - Quarter 2  
RIPDES Permit No. **RIG85E001**  
Former Tidewater Facility  
200 Taft Street  
Pawtucket, Rhode Island

530 Broadway  
Providence  
Rhode Island 02909  
(401) 421-4140  
Fax (401) 751-8613  
www.gza.com

Dear Ms. McFarland:

On behalf of our Client, The Narragansett Electric Company d/b/a National Grid (National Grid), GZA GeoEnvironmental, Inc. (GZA) is submitting this quarterly Rhode Island Pollutant Discharge Elimination System - Discharge Monitoring Report (RIPDES-DMR) for the permitted discharge of stormwater accumulated in former Gas Holder Nos. 7 and 8 at the Former Tidewater facility located in Pawtucket, Rhode Island (herein referred to as the "Site"). This discharge was directed to the Seekonk River. This report covers the period from July 1, 2010 through September 30, 2010 (Quarter 3). A completed RIPDES-DMR form for this reporting period is included as Attachment A. This report also details the termination of discharge and a Notice of Termination is included as Attachment B.

#### **SYSTEM OPERATION AND MAINTENANCE**

The stormwater treatment system was installed at the Site by GZA in March 2010 and began operation on April 7, 2010. During the current reporting period, the treatment system operated approximately 87% of the time. The system experienced several automated shutdowns due to high pressure alarms located at various points in the system and due to heavy rainfall events. A summary of notes related to system operation and maintenance is included in Table 1.

#### **SYSTEM FLOW RATE AND VOLUME**

Approximately 1,525,079 gallons of groundwater was treated, and discharged during the monitoring period for a cumulative system treatment flow of 7,827,456 gallons since system start up on April 7, 2010. The maximum average daily discharge rate to the Seekonk River during this quarter was approximately 68.2 gallons per minute (gpm), which is within the limit (100 gpm) of the RIPDES permit, dated December 9, 2009. The average daily flow rate was calculated by dividing the gallons discharged by the number of days between monitoring dates that the system was operating. The average discharge rate over the current reporting period was 63.5 gpm. A summary of system discharge data is provided in Table 1.

#### **SYSTEM SAMPLING**

In accordance with the permit conditions, the stormwater treatment system influent and effluent shall be sampled on the first, third and sixth day, then weekly for the first month and twice per month, thereafter. Since the start up of operations on April 7, 2010, the stormwater treatment system influent and effluent has been sampled in accordance with the permit conditions. Refer to Tables 2 and 3 for the influent and effluent laboratory results, respectively. All samples were submitted to ESS Laboratory of Cranston, Rhode Island for analytical testing of volatile organic compounds (VOCs)

using EPA Method 8260B; polynuclear aromatic hydrocarbons (PAHs) using EPA Method 8270C; metals (copper, iron, lead and zinc) using EPA Method 200.7 and 3133B; total suspended solids using EPA Method SM-2540D; total cyanide using EPA Method SM 4500CN; and total petroleum hydrocarbon (TPH) using Modified EPA Method 8100.



## SYSTEM SAMPLING RESULTS

No constituents were identified above the applicable RIPDES permit limits for the effluent samples collected during the current reporting period with the following exception:

- On July 26, 2010, GZA received the July 20, 2010 laboratory test results for the treatment system effluent, which indicated a concentration of total zinc (96 µg/L) above the maximum daily discharge limit of 76.11 µg/L. GZA notified RIDEM of the exceedance on July 27, 2010. The system had been shut down since approximately 9:00 AM on July 20, 2010 since the designed quantity of stormwater had been removed from the holders; therefore no corrective action was required. The treatment system was subsequently dismantled on July 22, 2010.

Laboratory Certificates of Analysis and Chain-of-Custody documentation have not been included in this report, but are available upon request.

## TERMINATION OF DISCHARGE

As indicated above, GZA's goal for dewatering the stormwater accumulated in the gas holders prior to demolition was reached on Tuesday, July 20, 2010. The decommissioning and demolition of the gas holders began in August of 2010. The water treatment system was shut down at approximately 9:00 on July 20, 2010 and dismantled on Thursday, July 22, 2010. As part of the water treatment system decommissioning activities, the dewatering pumps and discharge lines were removed from the gas holder, the system piping connected to the discharge line was disconnected, the electric service to the system was disconnected and the carbon and cation resins were changed out, replaced, and transported off-Site for disposal at licensed receiving facilities. The carbon treatment trailer (housing the bag filters and carbon vessel units) was demobilized from the Site on July 29, 2010. As the demolition contractor will require a separate RIPDES permit for treated water discharge to the Seekonk River, the bermed secondary containment area, the frac tanks and ion vessels remain on site. The discharge line that runs from the vicinity of the secondary containment area to the outfall at the edge of the Seekonk River, as well as the outfall structure, remains for use by the demolition contractor<sup>1</sup>. A completed Notice of Termination and site photos detailing the components removed are included in Attachment B. The afore-mentioned system components and/or features which remain on-Site (i.e., frac tanks, ion exchange vessels, discharge line, outfall piping, secondary containment area) will be removed by the demolition contractor as part of their work scope following completion of the gas holder removal. It is currently anticipated that the demolition work will be complete by the end of December 2010.

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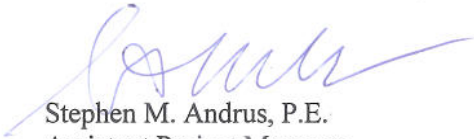
<sup>1</sup> TFord Company, Inc. (TFORD) of Georgetown, Massachusetts is the selected demolition contractor for the gas holder demolition project. A separate RIPDES Discharge Permit (Permit No. RIG85E002) has been obtained for processing and treatment of the residual water residual as part of the gas holder demolition activities.

Please feel free to call or email Stephen Andrus or Margaret Kilpatrick at (401) 421-4140 or at [stephen.andrus@gza.com](mailto:stephen.andrus@gza.com) or [Margaret.Kilpatrick@gza.com](mailto:Margaret.Kilpatrick@gza.com), if you have any questions.

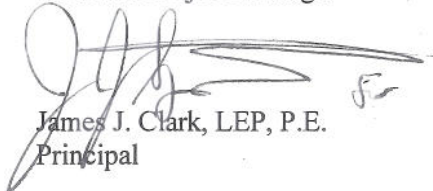
Very truly yours,

GZA GEOENVIRONMENTAL, INC.



  
Stephen M. Andrus, P.E.  
Assistant Project Manager

  
Margaret S. Kilpatrick, P.E.  
Senior Project Manager

  
James J. Clark, LEP, P.E.  
Principal

SMA/MSK:tja

Attachments: Table 1 – Operating System Log  
Table 2 – Influent Results  
Table 3 – Effluent Results  
Attachment A – RIPDES-DMR Form  
Attachment B – Notice of Termination

cc: Michele Leone – National Grid  
Brian LaFaille – RIDEM Office of Water Resources

## TABLES

Former Tidewater Facility  
 Pawtucket, RI  
 Job #43654.00 T-028

**TABLE 1**  
**OPERATING SYSTEM LOG**  
**GAS HOLDER DEWATERING SYSTEM**

Date	Time	Personnel	System Operating (Yes/No)	Total Gallons	Avg. Daily (gpm)	Influent Sampling (Yes/No)	Effluent Sampling (Yes/No)	Notes
06/30/10	9:45	SMA	N	6,257,343	49.3	N	N	High Pressure Shut System Down at 21:30 ON 06/29/10
07/01/10	14:30	MB	N	6,304,132	27.1	N	N	High Pressure Shut System Down at 21:00 ON 06/30/10
07/02/10	14:45	EMB	N	6,407,677	60.0	N	N	High Pressure Shut System Down at 21:30 ON 07/01/10
07/06/10	10:00	SMA	Y	6,717,426	56.6	Y	Y	
07/09/10	10:50	MB	Y	6,996,102	63.8	N	N	
07/12/10	13:30	MB	Y	7,111,282	26.1	N	N	System Shut Down at 15:30 Due to Heavy Stormwater
07/14/10	7:30	SMA	N	7,287,179	68.2	N	N	High Pressure Shut System Down at 4:30 on 07/14/10
07/16/10	14:00	SMA	Y	7,477,042	58.1	N	N	
07/19/10	7:30	SMA	Y	7,744,350	68.0	N	N	
07/20/10	7:00	SMA	Y	7,827,456	58.9	Y	Y	End of Treatment and Discharge at 9:00

TABLE 2  
INFLUENT LABORATORY RESULTS SUMMARY

SAMPLE LOCATION	SAMPLE DATE	Units	RIDEM Remedial RIPDES Limits		Method Reporting Limit (Typical)	Influent	Influent	Monthly Average	Daily Maximum
			Category E Discharge Limits						
			Average Monthly	Maximum Daily					
Iron		µg/L	NS	1,000	100	478	912	695	912
Zinc		µg/L	68.5	76.11	50	53	248	151	248
Copper		µg/L	2.98	4.62	5	ND	11.5	8.3	11.5
Lead		µg/L	6.81	176.6	5	43.6	211	127	211
Total Suspended Solids		µg/L	30,000	NS	5,000	ND	ND	<5,000	<5,000
Total Cyanide (LL)		µg/L	10*	10*	5	21.6	28.6	25.1	28.6
Total Petroleum Hydrocarbons		µg/L	NS	1,000	200	406	603	505	603
Benzene		µg/L	5	5	1	2.5	2.5	2.5	2.5
Ethylbenzene		µg/L	1,680	NS	1	1.5	1.2	1.4	1.5
Toluene		µg/L	12,000	NS	1	ND	ND	<1	<1
Xylene O		µg/L	NS	NS	1	ND	ND	<1	<1
Xylene P,M		µg/L	NS	NS	2	3.1	ND	3	3.1
Xylenes (Total)		µg/L	NS	NS	3	3.1	<3	3	3.1
TOTAL BTEX		µg/L	100	100	<3	4.6	<3	<3.8	4.6
2-Methylnaphthalene		µg/L	NS	NS	0.2	ND	0.23	0.22	0.23
Acenaphthene		µg/L	1.9	1.9	0.2	ND	ND	<2	<2
Acenaphthylene		µg/L	NS	NS	0.2	ND	ND	<2	<2
Anthracene		µg/L	32,000	NS	0.2	ND	ND	<2	<2
Benzo(g,h,i)perylene		µg/L	NS	NS	0.2	ND	ND	<2	<2
Fluoranthene		µg/L	112	NS	0.2	ND	ND	<2	<2
Fluorene		µg/L	4,240	NS	0.2	ND	ND	<2	<2
Naphthalene		µg/L	NS	20	0.2	0.64	2.19	1.42	2.19
Phenanthrene		µg/L	NS	NS	0.2	ND	ND	<2	<2
Pyrene		µg/L	3,200	NS	0.2	ND	ND	<2	<2
TOTAL TYPE II PAHS		µg/L	10**	100	0.2	0.64	2.19	0.35	2.19

\* Footnote 5 of Table 15, Discharge Category E states the limit at which compliance/noncompliance determinations will be based is the Quantitation Limit which is defined as 10 µg/L for Cyanide.

\*\* Footnote 5 of Table 15, Discharge Category E states the limit at which compliance/noncompliance determinations will be based is the Quantitation Limit which is defined as 10 µg/L for Total Polycyclic Aromatic Hydrocarbons.

NS = No Compliance Standard listed in Table 15, for Discharge Category E

ND = Compound not detected above method detection limit

NT = Not Tested

**TABLE 3**  
**EFFLUENT LABORATORY RESULTS SUMMARY**

SAMPLE LOCATION	Units	RIDEM Remedial RIPDES		Method Reporting Limit (Typical)	Effluent	Effluent	Effluent	Daily Maximum
		Category E Discharge Limits						
		Average Monthly	Maximum Daily					
SAMPLE DATE					7/06/2010 (Week-13)	7/20/2010 (Week-15)	July 1- July 20, 2010	
Iron	µg/L	NS	1,000	100	ND	ND	<100	
Zinc	µg/L	68.5	76.11	50	ND	96	73.0	96
Copper	µg/L	2.98	4.62	5	ND	ND	<5	<5
Lead	µg/L	6.81	176.6	5	ND	ND	<5	<5
Total Suspended Solids	µg/L	30,000	NS	5,000	ND	ND	<5,000	<5,000
Total Cyanide (LL)	µg/L	10*	10*	5	ND	ND	<5	<5
Total Petroleum Hydrocarbons	µg/L	NS	1,000	200	ND	ND	<200	<200
Benzene	µg/L	5	5	1	ND	ND	<1	<1
Ethylbenzene	µg/L	1,680	NS	1	1	ND	1	1
Toluene	µg/L	12,000	NS	1	ND	ND	<1	<1
Xylene O	µg/L	NS	NS	1	1	ND	1	1
Xylene P,M	µg/L	NS	NS	2	4	ND	<3	4
Xylenes (Total)	µg/L	NS	NS	3	5	ND	<4	5
TOTAL BTEX	µg/L	100	100	<3	6	ND	4.5	6
2-Methylnaphthalene	µg/L	NS	NS	0.2	ND	ND	<2	<2
Acenaphthene	µg/L	1.9	1.9	0.2	ND	ND	<2	<2
Acenaphthylene	µg/L	NS	NS	0.2	ND	ND	<2	<2
Anthracene	µg/L	32,000	NS	0.2	ND	ND	<2	<2
Benzo(g,h,i)perylene	µg/L	NS	NS	0.2	ND	ND	<2	<2
Fluoranthene	µg/L	112	NS	0.2	ND	ND	<2	<2
Fluorene	µg/L	4,240	NS	0.2	ND	ND	<2	<2
Naphthalene	µg/L	NS	20	0.2	ND	ND	<2	<2
Phenanthrene	µg/L	NS	NS	0.2	ND	ND	<2	<2
Pyrene	µg/L	3,200	NS	0.2	ND	ND	<2	<2
TOTAL TYPE II PAHS	µg/L	10**	100	0.2	ND	ND	<2	<2

\* Footnote 5 of Table 15, Discharge Category E states the limit at which compliance/noncompliance determinations will be based is the Quantitation Limit which is defined as 10 µg/L for Cyanide.

\*\* Footnote 5 of Table 15, Discharge Category E states the limit at which compliance/noncompliance determinations will be based is the Quantitation Limit which is defined as 10 µg/L for Total Polycyclic Aromatic Hydrocarbons..

NS = No Compliance Standard listed in Table 15, for Discharge Category E

ND = Compound not detected above method detection limit

NT = Not Tested

**ATTACHMENT A**



NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: NARRAGANSETT ELECTRIC CO.  
ADDRESS: 40 SYLVAN ROAD  
WALTHAM, MA 02451

FACILITY: FORMER TIDEWATER FACILITY  
LOCATION: 200 TAFT STREET  
PAWTUCKET, RI 02860

ATTN: MICHELE LEONE, NE SITE MGR.

RIG85E001  
PERMIT NUMBER

001-A  
DISCHARGE NUMBER

DMR Mailing ZIP CODE: 02860  
MINOR

FROM 07/01/2010 TO 09/30/2010  
MONITORING PERIOD  
MM/DD/YYYY

External Outfall

No Discharge

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Solids, total suspended	*****	*****	*****	*****	*****	ug/L	∅	2/m	Grab
00530 1 0 Effluent Gross	*****	*****	30000 MO AVG	*****	*****	ug/L	∅	Twice Per Month	GRAB
Solids, total suspended	*****	*****	*****	*****	*****	ug/L	∅	2/m	Grab
00530 G 0 Raw Sewage Influent	*****	*****	Req. Mon. MO AVG	*****	*****	ug/L	∅	Quarterly	GRAB
Cyanide, total (as CN)	*****	*****	*****	*****	*****	ug/L	∅	2/m	Grab
00720 1 0 Effluent Gross	*****	*****	10 MO AVG	*****	*****	ug/L	∅	Twice Per Month	GRAB
Cyanide, total (as CN)	*****	*****	*****	*****	*****	ug/L	∅	2/m	Grab
00720 G 0 Raw Sewage Influent	*****	*****	Req. Mon. MO AVG	*****	*****	ug/L	∅	Quarterly	GRAB
Iron, total recoverable	*****	*****	*****	*****	*****	ug/L	∅	2/m	Grab
00980 1 0 Effluent Gross	*****	*****	1000 DAILY MX	*****	*****	ug/L	∅	Twice Per Month	GRAB
Iron, total recoverable	*****	*****	*****	*****	*****	ug/L	∅	2/m	Grab
00980 G 0 Raw Sewage Influent	*****	*****	Req. Mon. MO AVG	*****	*****	ug/L	∅	Quarterly	GRAB
Copper, total (as Cu)	*****	*****	*****	*****	*****	ug/L	∅	2/m	Grab
01042 1 0 Effluent Gross	*****	*****	3 MO AVG	*****	*****	ug/L	∅	Twice Per Month	GRAB
	*****	*****	4.62 DAILY MX	*****	*****	ug/L	∅	Quarterly	GRAB

NAME/TITLE: **JAMES CLARK**  
TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: *[Signature]*

TELEPHONE: 860 884-3134  
AREA Code NUMBER

DATE: 09/21/2010  
MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage this data collection system, or those persons directly responsible for gathering and submitting the data, I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: NARRAGANSETT ELECTRIC CO.  
ADDRESS: 40 SYLVAN ROAD  
WALTHAM, MA 02451  
FACILITY: FORMER TIDEWATER FACILITY  
LOCATION: 200 TAFT STREET  
PAWTUCKET, RI 02860  
ATTN: MICHELE LEONE, NE SITE MGR.

PERMIT NUMBER  
RIG85E001

DISCHARGE NUMBER  
001-A

DMR Mailing ZIP CODE: 02860  
MINOR

MONITORING PERIOD  
MM/DD/YYYY TO MM/DD/YYYY  
07/01/2010 TO 09/30/2010

External Outfall  
No Discharge

PARAMETER	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING		QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	UNITS	VALUE	UNITS	VALUE	UNITS			
Copper, total (as Cu)	MEASUREMENT PERMIT REQUIREMENT	*****	*****	8.3	ug/L	11.5	ug/L	0	2/M	Grab
01042 G 0 Raw Sewage Influent	MEASUREMENT PERMIT REQUIREMENT	*****	*****	73.0	ug/L	96	ug/L	1	2/M	Grab
Zinc, total recoverable	MEASUREMENT PERMIT REQUIREMENT	*****	*****	68.5	ug/L	76.11	ug/L	0	Twice Per Month	Grab
01094 1 0 Effluent Gross	MEASUREMENT PERMIT REQUIREMENT	*****	*****	151	ug/L	248	ug/L	0	2/M	Grab
Zinc, total recoverable	MEASUREMENT PERMIT REQUIREMENT	*****	*****	6.81	ug/L	176.6	ug/L	0	2/M	Grab
01094 G 0 Raw Sewage Influent	MEASUREMENT PERMIT REQUIREMENT	*****	*****	127	ug/L	211	ug/L	0	2/M	Grab
Lead, total recoverable	MEASUREMENT PERMIT REQUIREMENT	*****	*****	4.5	ug/L	6.0	ug/L	0	2/M	Grab
01114 1 0 Effluent Gross	MEASUREMENT PERMIT REQUIREMENT	*****	*****	3.8	ug/L	4.6	ug/L	0	2/M	Grab
Lead, total recoverable	MEASUREMENT PERMIT REQUIREMENT	*****	*****		ug/L		ug/L		Quarterly	Grab
01114 G 0 Raw Sewage Influent	MEASUREMENT PERMIT REQUIREMENT	*****	*****		ug/L		ug/L		Quarterly	Grab
Benzene, ethylbenzene, toluene, xylene combination	MEASUREMENT PERMIT REQUIREMENT	*****	*****		ug/L		ug/L		Twice Per Month	Grab
30383 1 0 Effluent Gross	MEASUREMENT PERMIT REQUIREMENT	*****	*****		ug/L		ug/L		Twice Per Month	Grab
Benzene, ethylbenzene, toluene, xylene combination	MEASUREMENT PERMIT REQUIREMENT	*****	*****		ug/L		ug/L		Quarterly	Grab
30383 G 0 Raw Sewage Influent	MEASUREMENT PERMIT REQUIREMENT	*****	*****		ug/L		ug/L		Quarterly	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <b>JAMES CLARK</b> TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>JJ Clark</i>	TELEPHONE NUMBER 860 588-3134	DATE 09/21/2010
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)		AREA CODE	NUMBER
		MMDDYYYY	MMDDYYYY

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
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PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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RIG85E001  
PERMIT NUMBER

001-A  
DISCHARGE NUMBER

DMR Mailing ZIP CODE: 02860  
MINOR

MONITORING PERIOD  
FROM 07/01/2010 TO 09/30/2010

External Outfall

No Discharge

PARAMETER	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	UNITS	VALUE	VALUE	UNITS	VALUE			
Toluene 34010 1 0 Effluent Gross	MEASUREMENT	*****	*****	<1	ug/L	<1	ug/L	0	2M	Grab
	PERMIT REQUIREMENT	*****	*****	12000 MO AVG	ug/L	Req. Mon. DAILY MX	ug/L	0	Twice Per Month	GRAB
Toluene 34010 G 0 Raw Sewage Influent	MEASUREMENT	*****	*****	<1	ug/L	<1	ug/L	0	2M	Grab
	PERMIT REQUIREMENT	*****	*****	Req. Mon. MO AVG	ug/L	Req. Mon. DAILY MX	ug/L	0	Quarterly	GRAB
Benzene 34030 1 0 Effluent Gross	MEASUREMENT	*****	*****	<1	ug/L	<1	ug/L	0	2M	Grab
	PERMIT REQUIREMENT	*****	*****	5 MO AVG	ug/L	5 DAILY MX	ug/L	0	Twice Per Month	GRAB
Benzene 34030 G 0 Raw Sewage Influent	MEASUREMENT	*****	*****	2.5	ug/L	2.5	ug/L	0	2M	Grab
	PERMIT REQUIREMENT	*****	*****	Req. Mon. MO AVG	ug/L	Req. Mon. DAILY MX	ug/L	0	Quarterly	GRAB
Ethylbenzene 34371 1 0 Effluent Gross	MEASUREMENT	*****	*****	1	ug/L	1	ug/L	0	2M	Grab
	PERMIT REQUIREMENT	*****	*****	1680 MO AVG	ug/L	Req. Mon. DAILY MX	ug/L	0	Twice Per Month	GRAB
Ethylbenzene 34371 G 0 Raw Sewage Influent	MEASUREMENT	*****	*****	1.4	ug/L	1.5	ug/L	0	2M	Grab
	PERMIT REQUIREMENT	*****	*****	Req. Mon. MO AVG	ug/L	Req. Mon. DAILY MX	ug/L	0	Quarterly	GRAB
Naphthalene 34696 1 0 Effluent Gross	MEASUREMENT	*****	*****	0.2	ug/L	0.2	ug/L	0	2M	Grab
	PERMIT REQUIREMENT	*****	*****	Req. Mon. MO AVG	ug/L	20 DAILY MX	ug/L	0	Twice Per Month	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <i>James Clark</i> TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>JJ Clark</i>	TELEPHONE Area Code NUMBER 858 858-3114	DATE 09/11/2010
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)		MIMDDDDYY MMDDYYYY	

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
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ATTN: MICHELE LEONE, NE SITE MGR.

RIG85E001  
PERMIT NUMBER

001-A  
DISCHARGE NUMBER

DMR Mailing ZIP CODE: 02860  
MINOR

MONITORING PERIOD  
MM/DD/YYYY TO MM/DD/YYYY  
07/01/2010 TO 09/30/2010

External Outfall

No Discharge

PARAMETER	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	UNITS	VALUE	VALUE	UNITS	VALUE			
Naphthalene	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****
34696 G 0 Raw Sewage Influent	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****
Total Group II Polycyclic Aromatic Hydrocarbons	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****
51615 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****
Total Group II Polycyclic Aromatic Hydrocarbons	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****
51615 G 0 Raw Sewage Influent	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****
Hydrocarbons, total petroleum	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****
82181 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****
Hydrocarbons, total petroleum	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****
82181 G 0 Raw Sewage Influent	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****
Xylene, meta & para in combination	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****
85795 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information and its preparation are true and accurate. I am a duly qualified individual and I am not providing false information, including the possibility of false and imprisonment for knowing violations.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
*James Clark*  
TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  
*J. Clark*

TELEPHONE NUMBER  
800 858-3234

DATE  
09/21/2010

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: NARRAGANSETT ELECTRIC CO.  
ADDRESS: 40 SYLVAN ROAD  
WALTHAM, MA 02451  
FACILITY: FORMER TIDEWATER FACILITY  
LOCATION: 200 TAFT STREET  
PAWTUCKET, RI 02860  
ATTN: MICHELE LEONE, NE SITE MGR.

RIG85E001  
PERMIT NUMBER

001-A  
DISCHARGE NUMBER

DMR Mailing ZIP CODE: 02860  
MINOR

MONITORING PERIOD  
FROM 07/01/2010 TO 09/30/2010

External Outfall

No Discharge

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	UNITS	VALUE	VALUE	UNITS	VALUE			
Xylene, meta & para in combination	*****	*****	3.0	*****	ug/L	3.1	Q	Quarterly	GRAB
85795 G 0 Raw Sewage Influent	*****	*****	Req. Mon. MO AVG	*****	ug/L	Req. Mon. DAILY MIX			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  James Clark TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  <i>James Clark</i>	TELEPHONE	DATE
		860 858-3124 AREA Code NUMBER	09/24/2010 MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR) - Summary

Last Refresh: 1/19/2010

Report Selection Criteria:

Beginning Monitoring Period End Date: 07/2010

Months to Print: 3 Months

Major/Minor Indicator(s): MINOR

NPDES ID(s): RIG85E001

Permitted Feature ID(s): \*

Limit Set ID(s): \*

State Code(s): RI

State-Region(s): \*

Issuing Agency(ies): \*

Print DMR Information: No

Permittee Address: Permittee

Exclude Electronic DMR Submitters: No

Permit UDF5(s): \*

**NPDES ID**

RIG85E001

Total Number of NPDES ID(s): 1

**ATTACHMENT B**



**RHODE ISLAND POLLUTANT DISCHARGE  
ELIMINATION SYSTEM (RIPDES)  
REMEDATION GENERAL PERMIT  
NOTICE OF TERMINATION (NOT)**  
(revised 7/08)

**DEM USE ONLY**

Date Received \_\_\_\_\_  
Amount Received \$ \_\_\_\_\_  
RIPDES# RIG \_\_\_\_\_  
Approval Date \_\_\_\_\_  
Data Entry Date \_\_\_\_\_  
Data Entry Initials \_\_\_\_\_

<b>I. General Site Information.</b> Please provide the following information about the site:	
a. Name of Facility/Site: Former Tidewater Facility	
b. Facility/Site address: 200 Taft Street, Pawtucket, Rhode Island	
c. RIPDES Permit Number: RIG84E001	
d. Photos documenting the capping or elimination of piping connecting the discharge to the receiving water must be provided as an attachment in order to process this permit termination request.	
<b>II. Owner Information</b>	
Legal Name: The Narragansett Electric Co., d/b/a National Grid	
City: Waltham	State: MA Zip: 02451 Phone: (783) 907-3651
Contact Person: Michele Leone	Title: Manager, N.E. Site Remediation & Investigation
Email Address of Contact Person: michele.leone@us.ngrid.com	
<b>III. Operator Information</b>	
Legal Name: GZA GeoEnvironmental, Inc.	
City: Providence	State: RI Zip: 02909 Phone: (401) 421-4141
Contact Person: Stephen Andrus, P.E.	
Email Address of Contact Person: stephen.andrus@gza.com	
<b>IV. OWNER/OPERATOR CERTIFICATION</b>	
I certify under penalty of law that all discharges from the identified facility that are authorized by the "RIPDES Remediation General Permit" have been terminated. I understand that by submitting this Notice of Termination (NOT), I am no longer authorized to discharge waters covered by the RIPDES Remediation General Permit and that discharging pollutants from the activity covered by the RIPDES Remediation General Permit is unlawful under the Clean Water Act where the discharge is not authorized by a permit. I also understand that the submission of this NOT does not release an owner/operator from liability for any violation of the RIPDES Remediation General Permit or the Clean Water Act.	
Print Owner's Name:	<u>MICHELE LEONE</u>
Print Owner's Title:	<u>MANAGER</u>
Signature:	<u>[Signature]</u> Date: <u>09/22/2010</u>
Print Operator's Name:	<u>Stephen Andrus, P.E.</u>
Print Operator's Title:	<u>Assistant Project Manager</u>
Signature:	<u>[Signature]</u> Date: <u>9/22/10</u>



Photo 1: Frac-Tank 2 with Discharge Line Removed

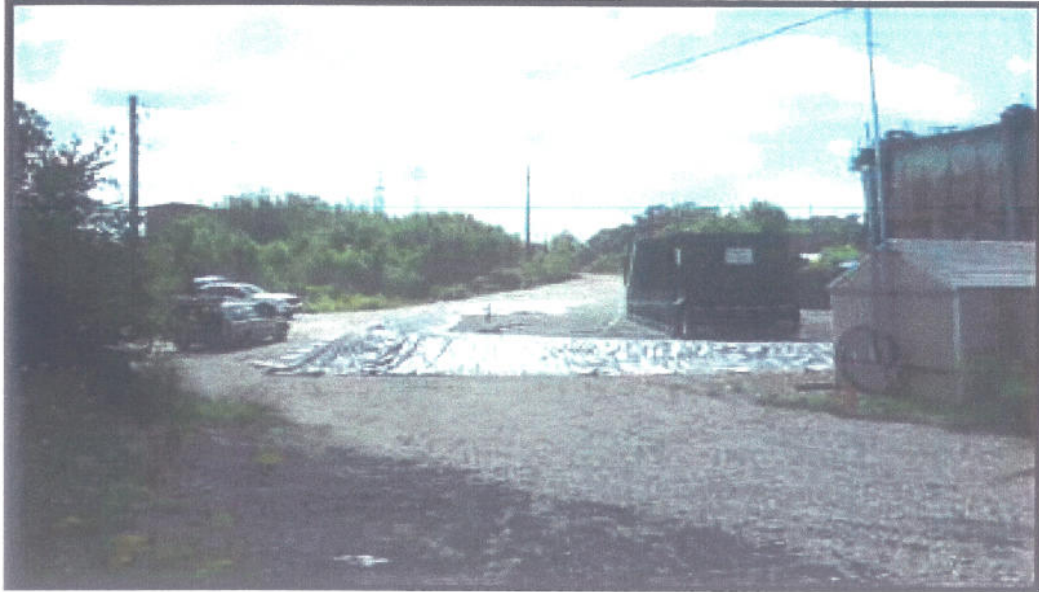


Photo 2: Frac-Tank 2 with Discharge Line Removed and Carbon Trailer With Discharge Line Removed and Electric Service Disconnected

