

# Compliance Rate Filing

**April 21, 2015**



**One Service Road  
Providence, Rhode Island 02905  
401-461-8848 • FAX 401-461-6540**

**Vincent J. Mesoella  
Chairman**

**Raymond J. Marshall, P.E.  
Executive Director**

The Narragansett Bay Commission  
One Service Road  
Providence, RI 02905

(401) 461-8848  
(401) 461-6540 FAX



Vincent J. Mesolella  
Chairman

Raymond J. Marshall, P.E.  
Executive Director

April 21, 2015

Luly Massaro, Commission Clerk  
Rhode Island Public Utilities Commission  
89 Jefferson Boulevard  
Warwick, RI 02888

Reference: Compliance Filing for Debt Service and Debt Service Coverage in Accordance with  
Commission Order 19380 from Docket 3905

Dear Ms. Massaro:

This compliance filing is for rate relief required to support debt service and debt service coverage rate increase needed for FY 2016 and specifically addressing the requirements for a debt service compliance filing as set forth originally in the Commission Report and Order 19380 from Docket 3905. Testimony and supporting data for this request is provided in the filing.

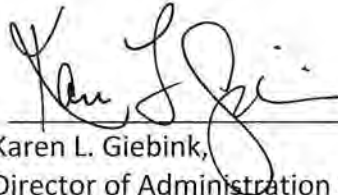
Sincerely,

A handwritten signature in black ink, appearing to read "Karen L. Gebink".

Karen L. Gebink  
Director of Administration and Finance

**CERTIFICATE OF SERVICE**

I, Karen L. Giebink, hereby certify that I have, this 21<sup>st</sup> day of April, 2015 caused a copy of the within Compliance Rate Case Filing of the Narragansett Bay Commission to be served on the Administrator of the Division of Public Utilities and Carriers and the Office of the Attorney General.



A handwritten signature in black ink, appearing to read 'Karen L. Giebink', is written over a horizontal line.

Karen L. Giebink,  
Director of Administration and Finance

PUBLIC UTILITIES COMMISSION

IN RE: NARRAGANSETT BAY COMMISSION

DOCKET NO. \_\_\_\_\_

NOTICE OF FILING CHANGE IN RATE SCHEDULES

Pursuant to R.I.G.L. SECTION 39-3-11, and in accordance with Rule 1.9 and Part Two of the Rules of Practice and Procedure of the Rhode Island Public Utilities Commission (“PUC”), the Narragansett Bay Commission (“NBC”) hereby gives notice that it has filed an application with the PUC to change its rates.

The new rates, as proposed, will generate additional revenues of \$2,194,285 to support a total revenue requirement of \$98,192,059 for NBC. The additional revenues will be used to cover debt service and debt service coverage expense for Capital Improvement Plan projects. The impact of the proposal will be an across-the-board increase of 2.37% on all residential and non-residential rates. For an average residential customer, using 150 gallons of water per day, the request will result in an increase of \$10.72 in their annual bill from \$459.17 to \$470.09. The impact of the rate increase on all other customers will vary depending upon the customer’s classification and consumption.

The new rates are proposed to become effective July 1, 2015. No rate changes will take effect until the PUC has conducted a full investigation and hearing on the proposal. The PUC can approve rates that are different than that proposed by NBC. The PUC will publish a notice of the hearing dates when they are scheduled. At that time, ratepayers may comment on the proposal.

A copy of the application is on file at the NBC’s main office at One Service Road, Providence, Rhode Island and at the offices of the Public Utilities Commission, 89 Jefferson Blvd., Warwick, Rhode Island and may be viewed during business hours. The application can also be accessed at [www.ripuc.org](http://www.ripuc.org). A copy of the filing was also provided to the Office of the Attorney General for the State of Rhode Island.

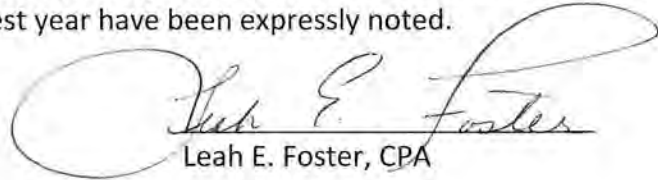
Correspondence should be addressed to Karen Giebink, Director of Administration and Finance, Narragansett Bay Commission, One Service Road, Providence, RI, 02905 and Joseph A. Keough, Jr., Legal Counsel, Keough & Sweeney, Ltd., 41 Mendon Avenue, Pawtucket, RI, 02861.

**IN RE:**  
**NARRAGANSETT BAY COMMISSION**  
**TARIFF FILING OF April 21, 2015**

STATE OF RHODE ISLAND  
PUBLIC UTILITIES COMMISSION


**ATTESTATION UNDER RULE 2.7**

I, Leah E. Foster, Accounting Manager, of the Narragansett Bay Commission, in conformance with part 2.7, of the Rules of Practice and Procedure of the Public Utilities Commission, hereby attest that the financial data presented in the rate base, cost of service, revenue statements and supporting data submitted herein are an accurate reflection of the books of the Narragansett Bay Commission. Any differences between the books and the test year data, and any changes in the manner of recording an item on the company's books during the test year have been expressly noted.

  
Leah E. Foster, CPA

STATE OF RHODE ISLAND  
PROVIDENCE, SC.

Subscribed and sworn to before me on this 21<sup>st</sup> day of April 2015.

  
Notary Public  
ID# 53982

**SCHEDULE A**

**EFFECTIVE: CUSTOMER CHARGE**                                     September 19, 2014  
**CONSUMPTION CHARGE**                                       September 19, 2014

**Applicability**

Applicable throughout the entire territory served by the Field's Point and Bucklin Point Wastewater Treatment Facilities and operated by the Narragansett Bay Commission.

**Sewer Use Fee Schedule****RESIDENTIAL**

All residential structures up to and including six (6) dwelling units. All residential condominiums will be billed under residential tariffs regardless of the number of dwelling units per structure/meter.

**NBC Service Area:                               CUSTOMER CHARGE:**  
   \$          210.51 per dwelling unit per year

**CONSUMPTION CHARGE:**  
                                   \$          3.397 per hundred cubic feet of 100% of water used

**RESIDENTIAL WELL CUSTOMERS:**  
                                   \$          480.95 Based upon fixed fee and average annual usage of 79.61 HCF

**INDUSTRIAL**

All structures in which water is utilized for the production and/or manufacturing based operations including non-contact cooling water. As of May 1st, 2010 this category includes industrial laundries as defined by the EPA and categorized by the North American Industry Classification System (NAICCS) code 812332.

<b><u>CUSTOMER CHARGE:</u></b>	<b><u>METER SIZE:</u></b>	<b><u>FIXED FEE</u></b>
	5/8"	\$503
	3/4"	\$752
	1"	\$1,250
	1 ½"	\$2,509
	2"	\$4,006
	3"	\$7,506
	4"	\$12,508
	6"	\$25,025
	8"	\$40,039
	10"	\$57,558

**CONSUMPTION CHARGE:**  
**NBC Service Area:**                 \$          3.167 per hundred cubic feet of 100% of water used.

**COMMERCIAL**

All other structures. This includes mixed use structures (i.e., combined residential/non-residential) and half-way houses and/or boarding type facilities where unrelated persons rent rooms.

<b><u>CUSTOMER CHARGE:</u></b>	<b><u>METER SIZE:</u></b>	<b><u>FIXED FEE</u></b>
	5/8"	\$503
	3/4"	\$752
	1"	\$1,250
	1 ½"	\$2,509
	2"	\$4,006
	3"	\$7,506
	4"	\$12,508
	6"	\$25,025
	8"	\$40,039
	10"	\$57,558

**CONSUMPTION CHARGE:**

**NBC Service Area:** \$ 4.926 per hundred cubic feet of 100% of water used.

**BILLING**

**Residential** - Fixed fees and consumption to be billed monthly.

**Condominiums (residential)** - Fixed fees and consumption bills to be rendered to property owners and/or associations monthly.

**Industrial** - Fixed fees and consumption to be billed monthly.

**Commercial** - Fixed fees and consumption to be billed monthly.

**Industrial Surcharge** - If any, to be billed with consumption.

**PAYMENT**

All bills are due and payable upon receipt. Interest will be charged 30 days after the billing date at the rate of 1% per month on any unpaid balance, including any outstanding interest charges.

# TARIFFS OF THE NARRAGANSETT BAY COMMISSION

Existing Tariffs

## SCHEDULE B

### Miscellaneous Charges

**EFFECTIVE:**

Pretreatment Annual Permit Fee:	June 30, 2003
New Sewer Connection Fee:	July 1, 2005
Septic Tank Waste Discharge Fee:	
A. Septic Tank Waste Discharge Fee:	May 6, 2005
B. Uniform Septage Disposal Fee:	April 1, 2008
Sewer Back-up Removal Fee:	March 24, 1995
Abatement Application Fee:	January 29, 2001
Credit Card Transaction Fee	On or after February 2, 2011
BOD/TSS Surcharge:	January 1, 2013

**1. Pretreatment Annual Permit Fee:** Applicable to all users regulated under R.I.G.L. 46-25-25 and the NBC's Rules and Regulations.

CAT #	User Classification	Annual Permit Fee
11	<b>Electroplater/Metalfinisher</b>	
	Flow < 2,500 GPD	\$1,811
	Flow ≥ 2,500 < 10,000 GPD	\$3,623
	Flow ≥ 10,000 GPD < 50,000	\$7,246
	Flow ≥ 50,000 GPD < 100,000 GPD	\$10,144
	Flow ≥ 100,000	\$10,869
12	<b>Metal Molding and Casting</b>	\$1,087
13	<b>Organic Chemical Manufacturers</b>	\$7,246
14	<b>Other Categorical Industries</b>	\$1,087
15	<b>Metal Formers</b>	\$5,797
21	<b>Tubbing/Vibratory/Mass Finishing</b>	
	Flow < 5,000 GPD	\$725
	Flow ≥ 5,000 GPD	\$1,449
22	<b>Chemical Transporters, Refiners, Recyclers, Manufacturers</b>	\$2,898
23	<b>Textile Processing Firms</b>	
	Flow < 2,500 GPD	\$1,449
	Flow ≥ 2,500 < 10,000 GPD	\$3,768
	Flow ≥ 10,000 < 50,000	\$5,072
	Flow ≥ 50,000 GPD	\$7,246
24	<b>Printers</b>	
	Gravure	\$3,623
	Other Flow ≥ 2,500 GPD	\$1,087
	Other Flow < 2,500 GPD	\$725



TARIFFS OF THE NARRAGANSETT BAY COMMISSION

Existing Tariffs

CAT #	User Classification	Annual Permit Fee
25	<b>Industrial Laundries</b>	\$3,623
26	<b>Machine Shops/Machinery Rebuilders</b>	\$1,449
27	<b>Other firms discharging toxics and/or prohibited pollutants</b>	
	Flow ≥ 10,000 GPD	\$2,898
	Flow ≥ 2,500 GPD <10,000 GPD	\$1,449
	Flow < 2,500 GPD	\$725
28	<b>Central Treatment Facilities - Hazardous Waste</b>	\$14,492
29	<b>Central Treatment Facilities</b> Non-Hazardous Waste	\$4,348
34	<b>Manufacturers with high BOD/TSS wastestreams</b>	
	Flow ≥ 100,000 GPD	\$5,797
	50,000 GPD ≤ Flow < 100,000 GPD	\$3,623
	10,000 GPD ≤ Flow < 50,000 GPD	\$1,811
	Flow < 10,000 GPD	\$1,087
35	<b>Other facilities discharging conventional pollutants</b>	
	Flow ≥ 10,000 GPD	\$1,449
	Flow < 10,000 GPD	\$725
37	<b>Automotive Maintenance/Service Facilities</b>	
	Small ≤ 2 Bays	\$435
	Large ≥ 3 Bays	\$1,449
40	<b>Groundwater Remediation/Excavation Projects</b>	
	Flow ≥ 10,000 GPD	\$1,449
	Flow < 10,000 GPD	\$725
41	<b>Recycle or Disconnected Electroplating or Chemical Processes</b>	\$725
42	<b>Other Process Operations Disconnected or Recycled</b>	\$290
43	<b>Recycle or Disconnected Electroplating or Chemical Processes with Cooling Water or Boiler Discharges</b>	\$870
44	<b>Other Recycled or Disconnected Process Operations with Cooling Water or Boiler Discharges</b>	\$362
46	<b>Cooling Water with Solvent, Toxic and/or Hazardous Chemicals on Site</b>	\$362

TARIFFS OF THE NARRAGANSETT BAY COMMISSION

Existing Tariffs

CAT #	User Classification	Annual Permit Fee
49	<b>Other Discharges with Solvents, Toxics and/or Hazardous Chemicals on Site</b> Flow ≥ 10,000 GPD Flow < 10,000 GPD	\$1,087 \$725
51	<b>Cooling Water with No Solvents, Toxic or Hazardous Chemicals on Site</b>	\$362
52	<b>Boiler Blowdown/Condensate Discharges</b>	\$362
53	<b>Cooling Tower Discharges</b>	\$362
59	<b>Other Non-Toxic Industrial Discharges</b> Flow ≥ 5,000 GPD Flow < 5,000 GPD	\$725 \$362
80	<b>Septage Haulers/Dischargers</b>	\$435
81	<b>Food/Fish/Meat/Produce Processing (wholesale)</b> Flow < 1,000 GPD 1,000 GPD ≤ Flow < 10,000 GPD Flow ≥ 10,000 GPD	\$362 \$725 \$1,449
82	<b>Supermarkets (Retail Food Processing)</b>	\$725
83	<b>Parking Garages/Lots</b>	\$725
84	<b>Cooling Water/Groundwater/Boiler Discharges with Potential to Discharge Conventional Pollutants</b>	\$362
85	<b>Restaurants</b> < 50 seats ≥ 50 seats < 100 seats >100 seats of fast food ( 2 or more fryolators and/or drive through window)	\$217 \$435 \$580
86	<b>Commercial Buildings with Cafeteria and/or laundry operations</b>	\$725
89	<b>Other Commercial Facilities with Potential to Discharge Conventional Pollutants</b> < 2,500 GPD ≥ 2,500 GPD	\$362 \$725
90	<b>Hospitals</b>	\$3,623
91	<b>Cooling Water/Groundwater/Boiler Discharges with Potential to Discharge Toxic, Prohibited and/or Conventional Pollutants</b>	\$362
92	<b>Laundries/Dry Cleaners</b> Laundromats Dry Cleaners with 1 washer or less Dry Cleaners with ≥ 2 washers	\$725 \$362 \$725

# TARIFFS OF THE NARRAGANSETT BAY COMMISSION

Existing Tariffs

CAT #	User Classification	Annual Permit Fee
93	<b>Photo Processing</b>	
	< 1,000 GPD	\$362
	1,000 GPD ≤ Flow < 2,500	\$725
	2,500 GPD - 5,000 GPD	\$1,087
	> 5,000 GPD	\$1,449
94	<b>X-Ray Processing</b>	
	≤ 2 processors	\$362
	3 - 4 processors	\$725
	5 - 9 processors	\$1,087
	≥ 10 processors	\$1,449
95	<b>Clinical, Medical and Analytical Laboratories</b>	\$725
96	<b>Funeral Homes/Enbalming Operations</b>	\$362
97	<b>Motor Vehicle Service/Washing Operations</b>	
	rate per tunnel	\$725
	rate per bay	\$217
	maximum rate per facility	\$1,449
99	<b>Other Commercial Users with Potential to Discharge Toxic, Prohibited and/or Conventional Pollutants</b>	
	Flow < 2,500 GPD	\$362
	Flow ≥ 2,500 GPD	\$725

**NOTE: All flow rates are based upon operating days.**

**2. New Sewer Connection Fee:** Applicable to all applications for a new service connection directly or indirectly to NBC facilities. Payable at the time of application.

Residential	\$260	per connection
Commercial	\$779	per connection
Industrial	\$779	per connection

**3. Sewer Back-up Removal Fee:** Applicable to all visits by Commission personnel to clear a sewer blockage when such blockage is determined to be a private sewer and is cleared by Commission personnel.

Charge: \$75.00 per incident

**4. Septic Tank Waste Discharge Fee:** Applicable to all discharges of septic tank waste into the NBC system.

A. Charge: \$42 per thousand gallons

B. Uniform Septage Disposal fee: \$1.00 per hundred gallons

**5. BOD/TSS Surcharge:** (if applicable)

Charge: \$0 per 1,000 pounds of BOD with a concentration of >300 mg/l

Charge: \$0 per 1,000 pounds of TSS with a concentration of >300 mg/l

\* To be assessed as the result of compliance with an industrial permit of NBC requirement.

**6. Abatement Application Fee:** Applicable to all applicants who request an abatement to sewer user fees charged. Payable at the time of application.

Charge: \$36.00

**7. Credit Card Transaction Fee:** For payments with credit cards NBC will charge a fee of 1.75% rounded up to the nearest \$0.50 of the user-selected amount, plus \$1.00

**TARIFFS OF THE NARRAGANSETT BAY COMMISSION**

Marked-Up Tariffs

**SCHEDULE A**

EFFECTIVE: **CUSTOMER CHARGE** ~~September 19, 2014~~ July 1, 2015  
**CONSUMPTION CHARGE** ~~September 19, 2014~~ July 1, 2015

**Applicability**

Applicable throughout the entire territory served by the Field's Point and Bucklin Point Wastewater Treatment Facilities and operated by the Narragansett Bay Commission.

**Sewer Use Fee Schedule**

**RESIDENTIAL**

All residential structures up to and including six (6) dwelling units. All residential condominiums will be billed under residential tariffs regardless of the number of dwelling units per structure/meter.

**NBC Service Area:**

**CUSTOMER CHARGE:**

~~\$ 210.51~~ per dwelling unit per year  
 \$ 215.50

**CONSUMPTION CHARGE:**

~~\$ 3.397~~ per hundred cubic feet of 100% of water used  
 \$ 3.478

**RESIDENTIAL WELL CUSTOMERS:**

~~\$ 480.95~~ Based upon fixed fee and average annual usage of 79.61 HCF  
 \$ 492.38

**INDUSTRIAL**

All structures in which water is utilized for the production and/or manufacturing based operations including non-contact cooling water. As of May 1st, 2010 this category includes industrial laundries as defined by the EPA and categorized by the North American Industry Classification System (NAICCS) code 812332.

**CUSTOMER CHARGE:**

**METER SIZE:**

**FIXED FEE**

5/8"	<del>\$503</del>	\$515
3/4"	<del>\$752</del>	\$770
1"	<del>\$1,250</del>	\$1,280
1 1/2"	<del>\$2,509</del>	\$2,568
2"	<del>\$4,006</del>	\$4,101
3"	<del>\$7,506</del>	\$7,684
4"	<del>\$12,508</del>	\$12,804
6"	<del>\$25,025</del>	\$25,618
8"	<del>\$40,039</del>	\$40,988
10"	<del>\$57,558</del>	\$58,922

**CONSUMPTION CHARGE:**

**NBC Service Area:**

~~\$ 3.167~~ per hundred cubic feet of 100% of water used.  
 \$ 3.242

# TARIFFS OF THE NARRAGANSETT BAY COMMISSION

Marked-Up Tariffs

## COMMERCIAL

All other structures. This includes mixed use structures (i.e., combined residential/non-residential) and half-way houses and/or boarding type facilities where unrelated persons rent rooms.

<u>CUSTOMER CHARGE:</u>	<u>METER SIZE:</u>	<u>FIXED FEE</u>	
	5/8"	<del>\$503</del>	\$515
	3/4"	<del>\$752</del>	\$770
	1"	<del>\$1,250</del>	\$1,280
	1 1/2"	<del>\$2,509</del>	\$2,568
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	3"	<del>\$7,506</del>	\$7,684
	4"	<del>\$12,508</del>	\$12,804
	6"	<del>\$25,025</del>	\$25,618
	8"	<del>\$40,039</del>	\$40,988
	10"	<del>\$57,558</del>	\$58,922

## CONSUMPTION CHARGE:

NBC Service Area: ~~\$ 4.926~~ per hundred cubic feet of 100% of water used.  
\$ 5.043

## BILLING

**Residential** - Fixed fees and consumption to be billed monthly.

**Condominiums (residential)** - Fixed fees and consumption bills to be rendered to property owners and/or associations monthly.

**Industrial** - Fixed fees and consumption to be billed monthly.

**Commercial** - Fixed fees and consumption to be billed monthly.

**Industrial Surcharge** - If any, to be billed with consumption.

## PAYMENT

All bills are due and payable upon receipt. Interest will be charged 30 days after the billing date at the rate of 1% per month on any unpaid balance, including any outstanding interest charges.

**TARIFFS OF THE NARRAGANSETT BAY COMMISSION**

Marked-Up Tariffs

**SCHEDULE B**

**Miscellaneous Charges**

**EFFECTIVE:**

Pretreatment Annual Permit Fee:	June 30, 2003
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Credit Card Transaction Fee	On or after February 2, 2011
BOD/TSS Surcharge:	January 1, 2013

**1. Pretreatment Annual Permit Fee:** Applicable to all users regulated under R.I.G.L. 46-25-25 and the NBC's Rules and Regulations.

<b>CAT #</b>	<b>User Classification</b>	<b>Annual Permit Fee</b>
11	<b>Electroplater/Metalfinisher</b>	
	Flow < 2,500 GPD	\$1,811
	Flow ≥ 2,500 < 10,000 GPD	\$3,623
	Flow ≥ 10,000 GPD < 50,000	\$7,246
	Flow ≥ 50,000 GPD < 100,000 GPD	\$10,144
	Flow ≥ 100,000	\$10,869
12	<b>Metal Molding and Casting</b>	\$1,087
13	<b>Organic Chemical Manufacturers</b>	\$7,246
14	<b>Other Categorical Industries</b>	\$1,087
15	<b>Metal Formers</b>	\$5,797
21	<b>Tubbing/Vibratory/Mass Finishing</b>	
	Flow < 5,000 GPD	\$725
	Flow ≥ 5,000 GPD	\$1,449
22	<b>Chemical Transporters, Refiners, Recyclers, Manufacturers</b>	\$2,898
23	<b>Textile Processing Firms</b>	
	Flow < 2,500 GPD	\$1,449
	Flow ≥ 2,500 < 10,000 GPD	\$3,768
	Flow ≥ 10,000 < 50,000	\$5,072
	Flow ≥ 50,000 GPD	\$7,246
24	<b>Printers</b>	
	Gravure	\$3,623
	Other Flow ≥ 2,500 GPD	\$1,087
	Other Flow < 2,500 GPD	\$725

# TARIFFS OF THE NARRAGANSETT BAY COMMISSION

Marked-Up Tariffs

CAT #	User Classification	Annual Permit Fee
25	<b>Industrial Laundries</b>	\$3,623
26	<b>Machine Shops/Machinery Rebuilders</b>	\$1,449
27	<b>Other firms discharging toxics and/or prohibited pollutants</b>	
	Flow $\geq$ 10,000 GPD	\$2,898
	Flow $\geq$ 2,500 GPD <10,000 GPD	\$1,449
	Flow < 2,500 GPD	\$725
28	<b>Central Treatment Facilities - Hazardous Waste</b>	\$14,492
29	<b>Central Treatment Facilities</b>	\$4,348
	Non-Hazardous Waste	
34	<b>Manufacturers with high BOD/TSS wastestreams</b>	
	Flow $\geq$ 100,000 GPD	\$5,797
	50,000 GPD $\leq$ Flow < 100,000 GPD	\$3,623
	10,000 GPD $\leq$ Flow < 50,000 GPD	\$1,811
	Flow < 10,000 GPD	\$1,087
35	<b>Other facilities discharging conventional pollutants</b>	
	Flow $\geq$ 10,000 GPD	\$1,449
	Flow < 10,000 GPD	\$725
37	<b>Automotive Maintenance/Service Facilities</b>	
	Small $\leq$ 2 Bays	\$435
	Large $\geq$ 3 Bays	\$1,449
40	<b>Groundwater Remediation/Excavation Projects</b>	
	Flow $\geq$ 10,000 GPD	\$1,449
	Flow < 10,000 GPD	\$725
41	<b>Recycle or Disconnected Electroplating or Chemical Processes</b>	\$725
42	<b>Other Process Operations Disconnected or Recycled</b>	\$290
43	<b>Recycle or Disconnected Electroplating or Chemical Processes with Cooling Water or Boiler Discharges</b>	\$870
44	<b>Other Recycled or Disconnected Process Operations with Cooling Water or Boiler Discharges</b>	\$362
46	<b>Cooling Water with Solvent, Toxic and/or Hazardous Chemicals on Site</b>	\$362

# TARIFFS OF THE NARRAGANSETT BAY COMMISSION

Marked-Up Tariffs

CAT #	User Classification	Annual Permit Fee
49	<b>Other Discharges with Solvents, Toxics and/or Hazardous Chemicals on Site</b>	
	Flow $\geq$ 10,000 GPD	\$1,087
	Flow < 10,000 GPD	\$725
51	<b>Cooling Water with No Solvents, Toxic or Hazardous Chemicals on Site</b>	\$362
52	<b>Boiler Blowdown/Condensate Discharges</b>	\$362
53	<b>Cooling Tower Discharges</b>	\$362
59	<b>Other Non-Toxic Industrial Discharges</b>	
	Flow $\geq$ 5,000 GPD	\$725
	Flow < 5,000 GPD	\$362
80	<b>Septage Haulers/Dischargers</b>	\$435
81	<b>Food/Fish/Meat/Produce Processing (wholesale)</b>	
	Flow < 1,000 GPD	\$362
	1,000 GPD $\leq$ Flow < 10,000 GPD	\$725
	Flow $\geq$ 10,000 GPD	\$1,449
82	<b>Supermarkets (Retail Food Processing)</b>	\$725
83	<b>Parking Garages/Lots</b>	\$725
84	<b>Cooling Water/Groundwater/Boiler Discharges with Potential to Discharge Conventional Pollutants</b>	\$362
85	<b>Restaurants</b>	
	< 50 seats	\$217
	$\geq$ 50 seats < 100 seats	\$435
	>100 seats of fast food ( 2 or more fryolators and/or drive through window)	\$580
86	<b>Commercial Buildings with Cafeteria and/or laundry operations</b>	\$725
89	<b>Other Commercial Facilities with Potential to Discharge Conventional Pollutants</b>	
	< 2,500 GPD	\$362
	$\geq$ 2,500 GPD	\$725
90	<b>Hospitals</b>	\$3,623
91	<b>Cooling Water/Groundwater/Boiler Discharges with Potential to Discharge Toxic, Prohibited and/or Conventional Pollutants</b>	\$362



**TARIFFS OF THE NARRAGANSETT BAY COMMISSION**

**Marked-Up Tariffs**

<b>CAT #</b>	<b>User Classification</b>	<b>Annual Permit Fee</b>
92	<b>Laundries/Dry Cleaners</b>	
	Laundromats	\$725
	Dry Cleaners with 1 washer or less	\$362
	Dry Cleaners with ≥ 2 washers	\$725
93	<b>Photo Processing</b>	
	< 1,000 GPD	\$362
	1,000 GPD ≤ Flow < 2,500	\$725
	2,500 GPD - 5,000 GPD	\$1,087
	> 5,000 GPD	\$1,449
94	<b>X-Ray Processing</b>	
	≤ 2 processors	\$362
	3 - 4 processors	\$725
	5 - 9 processors	\$1,087
	≥ 10 processors	\$1,449
95	<b>Clinical, Medical and Analytical Laboratories</b>	\$725
96	<b>Funeral Homes/Enbalming Operations</b>	\$362
97	<b>Motor Vehicle Service/Washing Operations</b>	
	rate per tunnel	\$725
	rate per bay	\$217
	maximum rate per facility	\$1,449
99	<b>Other Commercial Users with Potential to Discharge Toxic, Prohibited and/or Conventional Pollutants</b>	
	Flow < 2,500 GPD	\$362
	Flow ≥ 2,500 GPD	\$725

**NOTE: All flow rates are based upon operating days.**

**2. New Sewer Connection Fee:** Applicable to all applications for a new service connection directly or indirectly to NBC facilities. Payable at the time of application.

Residential	\$260	per connection
Commercial	\$779	per connection
Industrial	\$779	per connection

**3. Sewer Back-up Removal Fee:** Applicable to all visits by Commission personnel to clear a sewer blockage when such blockage is determined to be a private sewer and is cleared by Commission personnel.

Charge: \$75.00 per incident

**4. Septic Tank Waste Discharge Fee:** Applicable to all discharges of septic tank waste into the NBC system.

A. Charge: \$42 per thousand gallons

B. Uniform Septage Disposal fee: \$1.00 per hundred gallons

## TARIFFS OF THE NARRAGANSETT BAY COMMISSION

Marked-Up Tariffs

### 5. BOD/TSS Surcharge: (if applicable)

Charge: \$0 per 1,000 pounds of BOD with a concentration of >300 mg/l

Charge: \$0 per 1,000 pounds of TSS with a concentration of >300 mg/l

\* To be assessed as the result of compliance with an industrial permit of NBC requirement.

**6. Abatement Application Fee:** Applicable to all applicants who request an abatement to sewer user fees charged. Payable at the time of application.

Charge: \$36.00

**7. Credit Card Transaction Fee:** For payments with credit cards NBC will charge a fee of 1.75% rounded up to the nearest \$0.50 of the user-selected amount, plus \$1.00

# TARIFFS OF THE NARRAGANSETT BAY COMMISSION

Proposed Tariffs

## SCHEDULE A

EFFECTIVE: CUSTOMER CHARGE                      September 19, 2014  
CONSUMPTION CHARGE                      September 19, 2014

### Applicability

Applicable throughout the entire territory served by the Field's Point and Bucklin Point Wastewater Treatment Facilities and operated by the Narragansett Bay Commission.

### Sewer Use Fee Schedule

#### RESIDENTIAL

All residential structures up to and including six (6) dwelling units. All residential condominiums will be billed under residential tariffs regardless of the number of dwelling units per structure/meter.

#### **NBC Service Area:**

#### **CUSTOMER CHARGE:**

\$ 215.50 per dwelling unit per year

#### **CONSUMPTION CHARGE:**

\$ 3.478 per hundred cubic feet of 100% of water used

#### **RESIDENTIAL WELL CUSTOMERS:**

\$ 492.38 Based upon fixed fee and average annual usage of 79.61 HCF

#### INDUSTRIAL

All structures in which water is utilized for the production and/or manufacturing based operations including non-contact cooling water. As of May 1st, 2010 this category includes industrial laundries as defined by the EPA and categorized by the North American Industry Classification System (NAICCS) code 812332.

#### CUSTOMER CHARGE:

#### METER SIZE:

#### FIXED FEE

5/8"	\$515
3/4"	\$770
1"	\$1,280
1 1/2"	\$2,568
2"	\$4,101
3"	\$7,684
4"	\$12,804
6"	\$25,618
8"	\$40,988
10"	\$58,922

#### CONSUMPTION CHARGE:

#### **NBC Service Area:**

\$ 3.242 per hundred cubic feet of 100% of water used.

# TARIFFS OF THE NARRAGANSETT BAY COMMISSION

Proposed Tariffs

## COMMERCIAL

All other structures. This includes mixed use structures (i.e., combined residential/non-residential) and half-way houses and/or boarding type facilities where unrelated persons rent rooms.

<u>CUSTOMER CHARGE:</u>	<u>METER SIZE:</u>	<u>FIXED FEE</u>
	5/8"	\$515
	3/4"	\$770
	1"	\$1,280
	1 1/2"	\$2,568
	2"	\$4,101
	3"	\$7,684
	4"	\$12,804
	6"	\$25,618
	8"	\$40,988
	10"	\$58,922

## CONSUMPTION CHARGE:

**NBC Service Area:** \$ 5.043 per hundred cubic feet of 100% of water used.

## BILLING

**Residential** - Fixed fees and consumption to be billed monthly.

**Condominiums (residential)** - Fixed fees and consumption bills to be rendered to property owners and/or associations monthly.

**Industrial** - Fixed fees and consumption to be billed monthly.

**Commercial** - Fixed fees and consumption to be billed monthly.

**Industrial Surcharge** - If any, to be billed with consumption.

## PAYMENT

All bills are due and payable upon receipt. Interest will be charged 30 days after the billing date at the rate of 1% per month on any unpaid balance, including any outstanding interest charges.

**TARIFFS OF THE NARRAGANSETT BAY COMMISSION**  
**SCHEDULE B**

Proposed Tariffs

**Miscellaneous Charges**

**EFFECTIVE:**

Pretreatment Annual Permit Fee:	June 30, 2003
New Sewer Connection Fee:	July 1, 2005
Septic Tank Waste Discharge Fee:	
A. Septic Tank Waste Discharge Fee:	May 6, 2005
B. Uniform Septage Disposal Fee:	April 1, 2008
Sewer Back-up Removal Fee:	March 24, 1995
Abatement Application Fee:	January 29, 2001
Credit Card Transaction Fee	On or after February 2, 2011
BOD/TSS Surcharge:	January 1, 2013

**1. Pretreatment Annual Permit Fee:** Applicable to all users regulated under R.I.G.L. 46-25-25 and the NBC's Rules and Regulations.

CAT #	User Classification	Annual Permit Fee
11	<b>Electroplater/Metalfinisher</b>	
	Flow < 2,500 GPD	\$1,811
	Flow ≥ 2,500 < 10,000 GPD	\$3,623
	Flow ≥ 10,000 GPD < 50,000	\$7,246
	Flow ≥ 50,000 GPD < 100,000 GPD	\$10,144
	Flow ≥ 100,000	\$10,869
12	<b>Metal Molding and Casting</b>	\$1,087
13	<b>Organic Chemical Manufacturers</b>	\$7,246
14	<b>Other Categorical Industries</b>	\$1,087
15	<b>Metal Formers</b>	\$5,797
21	<b>Tubbing/Vibratory/Mass Finishing</b>	
	Flow < 5,000 GPD	\$725
	Flow ≥ 5,000 GPD	\$1,449
22	<b>Chemical Transporters, Refiners, Recyclers, Manufacturers</b>	\$2,898
23	<b>Textile Processing Firms</b>	
	Flow < 2,500 GPD	\$1,449
	Flow ≥ 2,500 < 10,000 GPD	\$3,768
	Flow ≥ 10,000 < 50,000	\$5,072
	Flow ≥ 50,000 GPD	\$7,246

# TARIFFS OF THE NARRAGANSETT BAY COMMISSION

Proposed Tariffs

CAT #	User Classification	Annual Permit Fee
24	<b>Printers</b>	
	Gravure	\$3,623
	Other Flow $\geq$ 2,500 GPD	\$1,087
	Other Flow < 2,500 GPD	\$725
25	<b>Industrial Laundries</b>	\$3,623
26	<b>Machine Shops/Machinery Rebuilders</b>	\$1,449
27	<b>Other firms discharging toxics and/or prohibited pollutants</b>	
	Flow $\geq$ 10,000 GPD	\$2,898
	Flow $\geq$ 2,500 GPD < 10,000 GPD	\$1,449
	Flow < 2,500 GPD	\$725
28	<b>Central Treatment Facilities - Hazardous Waste</b>	\$14,492
29	<b>Central Treatment Facilities</b>	\$4,348
	Non-Hazardous Waste	
34	<b>Manufacturers with high BOD/TSS wastestreams</b>	
	Flow $\geq$ 100,000 GPD	\$5,797
	50,000 GPD $\leq$ Flow < 100,000 GPD	\$3,623
	10,000 GPD $\leq$ Flow < 50,000 GPD	\$1,811
	Flow < 10,000 GPD	\$1,087
35	<b>Other facilities discharging conventional pollutants</b>	
	Flow $\geq$ 10,000 GPD	\$1,449
	Flow < 10,000 GPD	\$725
37	<b>Automotive Maintenance/Service Facilities</b>	
	Small $\leq$ 2 Bays	\$435
	Large $\geq$ 3 Bays	\$1,449
40	<b>Groundwater Remediation/Excavation Projects</b>	
	Flow $\geq$ 10,000 GPD	\$1,449
	Flow < 10,000 GPD	\$725
41	<b>Recycle or Disconnected Electroplating or Chemical Processes</b>	\$725
42	<b>Other Process Operations Disconnected or Recycled</b>	\$290
43	<b>Recycle or Disconnected Electroplating or Chemical Processes with Cooling Water or Boiler Discharges</b>	\$870

**TARIFFS OF THE NARRAGANSETT BAY COMMISSION**

Proposed Tariffs

<b>CAT #</b>	<b>User Classification</b>	<b>Annual Permit Fee</b>
44	<b>Other Recycled or Disconnected Process Operations with Cooling Water or Boiler Discharges</b>	\$362
46	<b>Cooling Water with Solvent, Toxic and/or Hazardous Chemicals on Site</b>	\$362
49	<b>Other Discharges with Solvents, Toxics and/or Hazardous Chemicals on Site</b>	
	Flow ≥ 10,000 GPD	\$1,087
	Flow < 10,000 GPD	\$725
51	<b>Cooling Water with No Solvents, Toxic or Hazardous Chemicals on Site</b>	\$362
52	<b>Boiler Blowdown/Condensate Discharges</b>	\$362
53	<b>Cooling Tower Discharges</b>	\$362
59	<b>Other Non-Toxic Industrial Discharges</b>	
	Flow ≥ 5,000 GPD	\$725
	Flow < 5,000 GPD	\$362
80	<b>Septage Haulers/Dischargers</b>	\$435
81	<b>Food/Fish/Meat/Produce Processing (wholesale)</b>	
	Flow < 1,000 GPD	\$362
	1,000 GPD ≤ Flow < 10,000 GPD	\$725
	Flow ≥ 10,000 GPD	\$1,449
82	<b>Supermarkets (Retail Food Processing)</b>	\$725
83	<b>Parking Garages/Lots</b>	\$725
84	<b>Cooling Water/Groundwater/Boiler Discharges with Potential to Discharge Conventional Pollutants</b>	\$362
85	<b>Restaurants</b>	
	< 50 seats	\$217
	≥ 50 seats < 100 seats	\$435
	>100 seats of fast food ( 2 or more fryolators and/or drive through window)	\$580
86	<b>Commercial Buildings with Cafeteria and/or laundry operations</b>	\$725
89	<b>Other Commercial Facilities with Potential to Discharge Conventional Pollutants</b>	
	< 2,500 GPD	\$362
	≥ 2,500 GPD	\$725

# TARIFFS OF THE NARRAGANSETT BAY COMMISSION

Proposed Tariffs

CAT #	User Classification	Annual Permit Fee
90	<b>Hospitals</b>	\$3,623
91	<b>Cooling Water/Groundwater/Boiler Discharges with Potential to Discharge Toxic, Prohibited and/or Conventional Pollutants</b>	\$362
92	<b>Laundries/Dry Cleaners</b>	
	Laundromats	\$725
	Dry Cleaners with 1 washer or less	\$362
	Dry Cleaners with ≥ 2 washers	\$725
93	<b>Photo Processing</b>	
	< 1,000 GPD	\$362
	1,000 GPD ≤ Flow < 2,500	\$725
	2,500 GPD - 5,000 GPD	\$1,087
	> 5,000 GPD	\$1,449
94	<b>X-Ray Processing</b>	
	≤ 2 processors	\$362
	3 - 4 processors	\$725
	5 - 9 processors	\$1,087
	≥ 10 processors	\$1,449
95	<b>Clinical, Medical and Analytical Laboratories</b>	\$725
96	<b>Funeral Homes/Enbalming Operations</b>	\$362
97	<b>Motor Vehicle Service/Washing Operations</b>	
	rate per tunnel	\$725
	rate per bay	\$217
	maximum rate per facility	\$1,449
99	<b>Other Commercial Users with Potential to Discharge Toxic, Prohibited and/or Conventional Pollutants</b>	
	Flow < 2,500 GPD	\$362
	Flow ≥ 2,500 GPD	\$725

**NOTE: All flow rates are based upon operating days.**

**2. New Sewer Connection Fee:** Applicable to all applications for a new service connection directly or indirectly to NBC facilities. Payable at the time of application.

Residential	\$260	per connection
Commercial	\$779	per connection
Industrial	\$779	per connection

**3. Sewer Back-up Removal Fee:** Applicable to all visits by Commission personnel to clear a sewer blockage when such blockage is determined to be a private sewer and is cleared by Commission personnel.

Charge: \$75.00 per incident



**4. Septic Tank Waste Discharge Fee:** Applicable to all discharges of septic tank waste into the NBC system.

A. Charge: \$42 per thousand gallons

B. Uniform Septage Disposal fee: \$1.00 per hundred gallons

**5. BOD/TSS Surcharge:** (if applicable)

Charge: \$0 per 1,000 pounds of BOD with a concentration of >300 mg/l

Charge: \$0 per 1,000 pounds of TSS with a concentration of >300 mg/l

\* To be assessed as the result of compliance with an industrial permit of NBC requirement.

**6. Abatement Application Fee:** Applicable to all applicants who request an abatement to sewer user fees charged. Payable at the time of application.

Charge: \$36.00

**7. Credit Card Transaction Fee:** For payments with credit cards NBC will charge a fee of 1.75% rounded up to the nearest \$0.50 of the user-selected amount, plus \$1.00

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**NARRAGANSETT BAY COMMISSION**

**PRE-FILED DIRECT TESTIMONY**  
**OF WALTER E. EDGE JR., MBA CPA**

**Q. Good morning Mr. Edge. Would you please give your name and business address for the record?**

A. My full name is Walter Edward Edge Jr., MBA, CPA and I work for the firm of B&E Consulting LLC at 21 Dryden Lane, Providence, RI 02904.

**Q. What is B&E Consulting LLC?**

A. B&E Consulting (B&E) is an accounting and consulting firm that specializes in providing accounting and consulting services to small businesses, municipalities, utilities and individuals.

**Q. Are you the same Walter Edge who has testified as an expert accounting and rate witness in previous rate filings for Narragansett Bay Commission (NBC or Commission) and others?**

A. Yes. I have provided expert accounting and rate testimony before the Rhode Island Public Utilities Commission (PUC) for NBC and many other clients. Some of the other clients include Interstate Navigation Company, Block Island Power Company, Pawtucket Water Supply Board, Woonsocket Water, Osram Sylvania, and Stone Bridge Fire District.

**Q. What is the purpose of your testimony?**

A. As part of Docket 4364 (PUC Order 21133) the PUC approved the NBC's "request to continue with its current debt service compliance filing mechanism until 2017." (Errata Order dated August 19, 2013). I am providing testimony and schedules in support of a debt service and debt service coverage allowance rate increase needed for FY 2016 and specifically addressing the requirements for a debt service compliance filing as set forth originally in the Report and Order from Docket 3905.

1 **Q. Is this NBC's first filing for debt service relief under the compliance requirements set forth in**  
2 **Docket 3905?**

3 A. No. NBC has filed this same type of filing in Docket 4151 (March 2, 2010), Docket 4214  
4 (November 24, 2010), Docket 4305 (December 20, 2011), and Docket 4352 (August 27, 2012).

5

6 **Q. Can you please provide an update regarding NBC's debt issuances since the PUC last approved**  
7 **a revenue increase for debt service and debt service coverage as part of Docket 4364?**

8 A. Yes. Docket 4364 resulted in new rates to be effective July 1, 2013. Since that time, NBC has  
9 issued \$162,149,637 in bonds. Of this total, \$82,244,637 is the par amount of new debt  
10 issuances and \$79,905,000 is the par amount of refunding bonds issued to effectuate the  
11 refunding of NBC's \$45 million Wastewater System Revenue Bonds, 2005 Series A (2005 Series A  
12 Bonds) and NBC's \$42.5 million Wastewater System Revenue Bonds, 2007 Series A (2007 Series  
13 A Bonds) .

<b>Issue Type</b>	<b>Date</b>	<b>Type</b>	<b>Par Amount</b>
<b>New Issues</b>			
2013 Series C	12/12/2013	Open Market	\$ 37,244,637
2014 Series A	3/6/2014	RICWFA	<u>45,000,000</u>
		<i>Subtotal New Issues</i>	\$ 82,244,637
<b>Refunding Issues</b>			
2014 Series B	10/16/2014	Open Market	\$ 39,820,000
2015 Series A	5/5/2015	Open Market	<u>\$ 40,085,000</u>
		<i>Subtotal Refunding Issues</i>	\$ 79,905,000
Total			<u>\$ 162,149,637</u>

14

15 **Q. Can you briefly describe the results of the October 16, 2014 refunding of the 2005 Series A**  
16 **Bonds?**

17 A. Yes. Due to market conditions at the time the bonds were sold on October 15, 2014, NBC's  
18 ratepayers achieved significant savings. NBC realized actual savings of nearly \$10.4 million over  
19 the life of the bonds with net present value savings of approximately \$7.6 million. The  
20 percentage savings of refunded bonds was 16.8%, well in excess of the industry benchmark of  
21 3%. This is a great result for NBC's ratepayers.

22

1 **Q. Can you briefly describe the results of the May 5, 2015 refunding of the 2007 Series A Bonds?**

2 A. Yes. Due to market conditions at the time the bonds were priced on March 31, 2015, NBC's  
3 ratepayers achieved significant savings. NBC realized actual savings of nearly \$3.7 million over  
4 the life of the bonds with net present value savings of approximately \$2.5 million. The  
5 percentage savings of refunded bonds was 5.9%, in excess of the industry benchmark of 3%.

6  
7 **Q. Why is NBC requesting rate relief for debt service and debt service coverage?**

8 A. The NBC needs rates sufficient to generate revenues that are 125% of debt service. Rate relief is  
9 required in order for NBC to demonstrate that its rates are sufficient prior to the issuance of  
10 additional long-term debt required to finance the NBC's ongoing Capital Improvement Program  
11 and execute NBC's next loan through the Rhode Island Clean Water Finance Agency (RICWFA).

12  
13 **Q. What are the test year and rate year in this filing?**

14 A. The test year is the rate year from Docket 4478. The rate year (FYE June 30, 2016) reflects the  
15 annual debt service in FY 2018 because it is the year with the highest annual debt service within  
16 the three year certificate period required by the Trust Indenture based on projected debt  
17 service and debt service coverage requirements. NBC must ensure that rates generate sufficient  
18 revenue to meet the debt service coverage requirements for the rate year and two succeeding  
19 years. This is included in Schedule WEE-1 and the coverage requirements are reflected in WEE-  
20 2.

21  
22 **Q. Why does NBC need additional capital funds?**

23 A. NBC has a significant capital improvement plan and cash flows prepared at the time the  
24 projected draw was provided to the RICWFA show projected use of capital funds expenditures  
25 of \$37.9 million, \$42.8 million, and \$19.6 million in fiscal years 2016, 2017 and 2018  
26 respectively, to comply with Consent Agreements and their requirements. Low interest loans  
27 from the RICWFA are NBC's lowest cost of borrowing and it is in the best interest of NBC to take  
28 advantage of RICWFA loan capacity. In previous testimony before the PUC, it has been

1 mentioned that the RICWFA is not anticipated to have sufficient capacity to meet all of NBC's  
2 needs. Given NBC's needs and the RICWFAs funding constraints, the NBC and the RICWFA  
3 reached an agreement whereby the NBC will receive at least 50% of the funding capacity of the  
4 RICWFA (see Exhibit WEE-1). Based upon this agreement and the RICWFA's capacity for this  
5 year's funding cycle, NBC has applied for a \$41.75 million loan through the RICWFA. The  
6 RICWFA Board is scheduled to approve the loan at their April 20, 2015 board meeting.

7  
8 **Q. What projects will the proceeds of this loan fund?**

9 A. Based upon updated capital cash flows, the five projects with the most significant projected  
10 funding needs include the CSO Phase II Facilities - Construction, CSO Phase III Facilities – Design,  
11 Regulatory Compliance Building – Construction, Bio-gas Reuse Project, and NBC Interceptor  
12 Projects including the Moshassuck Valley Interceptor. Additional projects have also been  
13 identified as being funded fully or partially funded with proceeds from this bond issue including  
14 BPWWTF Nitrogen Removal, FPWWTF Tunnel Pump Station Improvements, System-wide  
15 Facilities Planning, Interceptor Easements, and the Providence River Siphon Replacement. All of  
16 these projects are included on the RI DEM's Project Priority List.

17  
18 **Q. What is the revenue increase requested by NBC to support the projected debt issuance in this  
19 compliance docket?**

20 A. NBC is requesting additional revenue of \$2,194,285. This revenue increase represents a  
21 percentage increase of 2.29% over test year revenues at current rates.

22 **Q. Will all rates increase by 2.29%?**

23 A. No, not all revenue accounts are impacted by the proposed rate increase. Therefore, the  
24 uniform across-the-board rate increase on sewer user rates will be 2.37% (See Schedule WEE-5).

1 **Q. Would you please provide a list of the compliance debt service filing requirements as set**  
2 **forth by the PUC in Docket No. 3905?**

3 A. Certainly. In Docket 4364 NBC had requested the extension of the debt service compliance filing  
4 mechanism subject to the original compliance requirements originally established in PUC Order  
5 No. 17558 as follows:

6 “Those conditions set forth in Order No. 17558 shall continue to apply. Specifically, all  
7 compliance filings seeking a rate increase under the TECP/VRDO program shall:

- 8
- 9 (1). Be filed no later than sixty days prior to its effective date;
  - 10 (2). Be limited for debt service and debt service coverage for CIP projects;
  - 11 (3). Contain a revised limited cost of service schedule reflecting the changes to the  
12 revenue and expense accounts affected by the VRDO/TECP program;
  - 13 (4). Contain testimony and schedules in support of the debt service and debt service  
14 coverage proposed as well as current and projected annual debt service payment  
15 schedule;
  - 16 (5). Contain a summary of funds currently available for the CIP program and the  
17 projected funding needed for the rate year period;
  - 18 (6). Contain a summary of funding received from Rhode Island Clean Water Finance  
19 Agency (RICWFA), including funds requested, received, the interest rate, and  
20 repayment schedules;
  - 21 (7). Contain a summary of how prior years’ debt service coverage funds were utilized;
  - 22 (8). Contain a calculation of new rates based on a uniform percentage increase to rates;  
23 and
  - 24 (9). Contain a showing of compliance with prior Commission orders and the  
25 requirements of Section 2.11 of the Commission’s Rule of Practice and Procedure.”
- 26

27 **Q. Have you provided all of the information needed to be in compliance with the above listed**  
28 **requirements?**

29 A. Yes, the required elements are included in this application.

30

1 **Q. Is this filing in compliance with the first item that requires the filing be made no later than**  
2 **sixty days prior to the effective date?**

3 A. Yes. NBC is requesting an effective date for this rate request of July 1, 2015. Therefore, this  
4 filing has been filed more than sixty days prior to the effective date. The reason for filing this  
5 request now is to enable NBC to effectuate NBC's annual borrowing through the RICWFA and  
6 enable NBC to take advantage of their increased loan capacity available and allocation to NBC.

7

8 **Q. Is this filing in compliance with the second requirement that limits the compliance filing to**  
9 **debt service and debt service coverage for CIP projects?**

10 A. Yes.

11

12 **Q. Does this filing include a rate year cost of service schedule?**

13 A. Yes. A limited cost of service schedule reflecting the changes to the revenue and expense  
14 accounts affected by the rate increase needed for debt service and debt service coverage for the  
15 rate year which is FY 2016 (See Schedule WEE-1).

16

17 **Q. In accordance with compliance item four, does the filing contain testimony and schedules in**  
18 **support of the debt service and debt service coverage proposed as well as current and**  
19 **projected annual debt service payment schedules?**

20 A. Yes, the testimony and detailed calculation schedule (See Schedule WEE-2) explains the rate  
21 increase needed to support the debt service and debt service coverage for the rate year in  
22 compliance with item four. The projected annual debt service payment schedule and  
23 supporting schedules are also provided (See Schedules WEE-2, WEE-8 and WEE-9).

24

1 Q. Does this filing contain a summary of funds currently available for the CIP program and the  
 2 projected funding needed for the rate year period as required per compliance item number  
 3 five?

4 A. Yes. Please see the following table based upon updated cash flows:

<b>Sources and Uses in Rate Year</b>	
<b>Current Capital Funds on hand as of 3/31/15:</b>	
2014 Series A - Unspent Proceeds	\$ 11,900,048
Restricted Funds	27,058,678
Capital Fund	<u>649,774</u>
Total Capital Funds	39,608,500
<b>New Capital Funds</b>	
Estimated Transfer from Restricted 8/1/15	10,000,000
2015 Series B (SRF 18)	41,753,500
2016 Series A (SRF 19) *	<u>35,640,000</u>
	87,393,500
<b>Total</b>	<b>127,002,000</b>
<b>Capital Uses</b>	
Projected Capital Expenses FY 2015 - 2016	\$ 49,606,448
<b>Uses</b>	<b>49,606,448</b>

\*Not available until 5/2016

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As of March 31, 2015, the unspent proceeds of the 2014 Series A (SRF 17) are \$11.9 million and restricted and capital funds total \$27.1. New capital funds in the rate year included a projected transfer of \$10.0 million into the restricted fund that can be used for “pay as you go” capital from the prior year’s debt service coverage, \$41.75 million from NBC’s next borrowing through the RICWFA (2015 Series B (SRF18)), and \$35.6 million from NBC’s borrowing next fiscal year through the RICWFA (2016 Series A (SRF19)). Because the RICWFA loans have been closing very late in the fiscal year, new proceeds are not projected to be available until May 2016.



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**Q. Why is NBC planning to borrow at this level when the anticipated capital expenditures over the next three years are lower than they have been historically?**

A. As I have mentioned in previous testimony, subsidized loans through the RICWFA are NBC’s lowest cost of capital financing and although NBC will not be spending at a high rate over the next few years, they are facing huge capital expenditure levels in the near future. As is discussed in the testimony of Thomas Brueckner, NBC must continue with the mandated third and final phase of its CSO Abatement Program. Based on pre-design estimates in 2018 dollars, the three alternatives under consideration range in cost from \$470 to \$924 million. Taking advantage of the RICWFA capacity now will help to mitigate future rate increases.

**Q. Mr. Edge, did you provide a schedule showing a summary of the activity in the restricted accounts?**

A. Yes (See Schedule WEE-3). This schedule shows in summary the activity in the Debt Service Fund, the Operating Capital Account, and the Restricted Account (part of the restricted Project Fund). This schedule covers the actual activity for these accounts for the period from June 30, 2012 through March 31, 2015. Similar schedules were filed in prior Dockets providing the same type of information for the period of September 30, 2006 through June 30, 2012.

**Q. Would you please provide the Division of Public Utilities and Carriers and the PUC a summary explanation of Schedule WEE-3?**

A. Yes. Schedule WEE-3 provides the reader with the actual activity posted to the restricted accounts (those in the “Project Fund” and the “Debt Service Fund”). This schedule begins with the June 30, 2012 balances in the Project Fund (\$20,978,635) and the Debt Service Fund (\$34,818,220).

1 The schedule then shows the activity for FY 2013, FY 2014 and FY 2015 year to date in the  
 2 Project Fund and the Debt Service Fund. As of March 31, 2015 the remaining balance in the  
 3 Project Fund was \$28,821,304 and the Debt Service Fund was \$31,760,720.

4 **Q. Item six requires this filing to contain a summary of funding received from Rhode Island Clean  
 5 Water Finance Agency (RICWFA), including funds requested, received, the interest rate, and  
 6 repayment schedules. Have you provided this information?**

7 A. Yes, see the summary of borrowings table below and Schedule WEE- 8 which is NBC's Master  
 8 Debt Service Schedule for the debt repayment schedule.

9

Date	Borrowings through RICWFA	Funds		Interest Rate and Fees
		Requested	Funds Received	
March 1992	Butler Hospital Project	\$ 1,662,054	\$ 1,662,054	3.764%
March 1992	North Providence Interceptor	2,647,977	2,647,977	3.725%
March 1992	Washington Park Project	3,694,678	3,694,678	2.477%
March 1993	Pooled Loan 1	14,781,000	14,781,000	3.669%
June 1994	Pooled Loan 2	17,279,000	17,279,000	3.494%
March 1997	1997 Series Pooled Loan 3	8,150,000	8,150,000	3.645%
February 1999	1999 Series Pooled Loan 4	23,955,000	23,955,000	3.532%
November 2001	2001 Series Pooled Loan 5	70,000,000	57,000,000	3.171%
October 2002	2002 Series Pooled Loan 6	70,000,000	57,000,000	1.579%
November 2003	2003 Series Pooled Loan 7	80,000,000	40,000,000	1.849%
December 30, 2004	2004 Series B Pooled Loan 8	40,000,000	40,000,000	1.904%
December 15, 2005	2005 Series B Pooled Loan 9	30,000,000	30,000,000	1.897%
December 21, 2006	2006 Series A Pooled Loan 10	30,000,000	30,000,000	1.770%
December 12, 2007	2007 Series B Pooled Loan 11	25,000,000	25,000,000	1.975%
October 6, 2009	2009 Series A Pooled Loan 12	55,000,000	55,000,000	1.377%
February 12, 2010	2010 Series A Pooled Loan 12	2,000,000	2,000,000	1.022%
June 24, 2010	2010 Series B Pooled Loan 13	25,000,000	20,000,000	2.643%
March 30, 2011	2011 Series A Pooled Loan 14	30,000,000	30,000,000	2.759%
June 28, 2012	2012 Series A Pooled Loan 15	25,000,000	25,750,000	2.588%
June 6, 2013	2013 Series B Pooled Loan 16	80,000,000	25,000,000	2.592%
March 6, 2014	2014 Series A Pooled Loan 17	50,000,000	45,000,000	2.967%

10

11 **Q. In accordance with compliance requirement seven, have you provided a detailed listing of the  
 12 capital project expenditures purchased using the prior year coverage funds?**

13 A. Yes. This detailed listing is provided on Schedule WEE-4 and the items are consistent with the  
 14 uses identified in previous Dockets. The totals are also listed on Schedule WEE-3, for the  
 15 period June 30, 2012 through March 31, 2015. NBC plans to continue to use this restricted

1 carry-forward approach to protect its infrastructure investments and comply with regulatory  
2 requirements through completion of interceptor inspection/cleaning and other construction  
3 projects as set forth in the NBC's five-year Capital Improvement Program and included under a  
4 separate tab in this filing. NBC has and will continue to provide the Commission with the semi-  
5 annual capital project compliance reports in the format as approved by the PUC at their  
6 December 10, 2009 open meeting.

7  
8 **Q. Does your testimony and schedules provide a calculation of new rates based upon a**  
9 **uniformed percentage increase as directed in compliance item eight?**

10 A. Yes, see Schedule WEE-5 which shows the calculation of the percentage increase in sewer user  
11 rates based on a uniform increase. In addition, Schedule WEE-6 which shows the rate year  
12 revenue check and Schedule WEE-7 which provides ratepayer impact.

13  
14 **Q. Item nine requires NBC to be in compliance with all Commission Orders. Is NBC in**  
15 **compliance?**

16 A. Yes.

17  
18 **Q. Have you provided revised tariff pages?**

19 A. Yes. See the separate tab included in this filing.

20  
21 **Q. Does that conclude your pre-filed testimony?**

22 A. Yes.  
23  
24

**Narragansett Bay Commission  
Adjusted Rate Year Cost of Service**

WEE- 1

	Docket 4478		
	Test Year	Adjustment	Rate Year
<b><u>REVENUES</u></b>			
User Fee Revenues	\$ 92,773,660		\$ 92,773,660
Miscellaneous	3,224,114		\$ 3,224,114
Total Revenue	95,997,774	-	95,997,774
<b><u>EXPENSES</u></b>			
Personnel Services	21,739,796		21,739,796
Operating Supplies & Expenses	14,933,901		14,933,901
Special Services	2,938,084		2,938,084
Debt Service	44,894,330	1,755,428	46,649,758
Debt Coverage	11,223,583	438,857	11,662,440
Total Expense	95,729,694	2,194,285	97,923,979
OPERATING RESERVE	268,080	-	268,080
COST OF SERVICE	95,997,774	2,194,285	98,192,059
RATE YEAR REVENUES AT PRESENT RATES	95,997,774		95,997,774
REVENUE INCREASE	\$ -	\$ 2,194,285	\$ 2,194,285

\* Docket 4478 Rate Year approved by PUC. Most current debt service approved and included in rates.

**Narragansett Bay Commission  
Debt Service Coverage**

WEE-2

Fiscal Year	Net Revenue Available for Debt Service	Current Debt Service	Debt Service Coverage	5/5/15 Refunding		Planned SRF 18	Revised Total Debt Service	Debt Service Coverage
				2007 Series A	2015 Series A			
2016	58,312,198	44,374,762	1.31	(2,065,563)	1,972,100	269,909	44,551,209	1.31
2017	58,312,198	44,344,398	1.31	(2,065,563)	1,972,100	979,896	45,230,831	1.29
2018	58,312,198	44,508,473	1.31	(2,065,563)	1,972,100	2,234,747	46,649,758	1.25
2019	58,312,198	44,228,908	1.32	(2,065,563)	1,972,100	2,235,893	46,371,338	1.26
2020	58,312,198	43,663,628	1.34	(2,065,563)	1,972,100	2,235,471	45,805,636	1.27
2021	58,312,198	43,728,461	1.33	(2,065,563)	1,972,100	2,234,056	45,869,054	1.27
2022	58,312,198	43,655,978	1.34	(2,065,563)	1,972,100	2,233,545	45,796,060	1.27
2023	58,312,198	40,495,634	1.44	(2,065,563)	1,972,100	2,231,998	42,634,169	1.37
2024	58,312,198	39,018,772	1.49	(2,065,563)	1,972,100	2,230,539	41,155,849	1.42
2025	58,312,198	38,033,215	1.53	(2,065,563)	1,972,100	2,229,769	40,169,522	1.45
2026	58,312,198	38,033,154	1.53	(2,065,563)	1,972,100	2,229,250	40,168,942	1.45
2027	58,312,198	37,348,267	1.56	(2,065,563)	1,972,100	2,226,938	39,481,742	1.48
2028	58,312,198	37,214,067	1.57	(5,455,563)	5,187,100	2,226,054	39,171,659	1.49
2029	58,312,198	37,052,630	1.57	(5,456,063)	5,188,500	2,225,099	39,010,167	1.49
2030	58,312,198	36,042,498	1.62	(5,453,063)	5,186,250	2,224,349	38,000,035	1.53
2031	58,312,198	35,757,440	1.63	(5,451,313)	5,185,750	2,222,884	37,714,761	1.55
2032	58,312,198	30,572,157	1.91	(5,455,313)	5,186,500	2,222,620	32,525,964	1.79
2033	58,312,198	28,083,389	2.08	(5,454,313)	5,188,000	2,221,648	30,038,725	1.94
2034	58,312,198	29,588,024	1.97	(5,453,875)	5,189,750	2,221,049	31,544,948	1.85
2035	58,312,198	22,135,789	2.63	(5,453,700)	5,186,250	2,219,759	24,088,097	2.42
2036	58,312,198	14,407,338	4.05	(5,453,313)	5,187,250	2,255,983	16,397,258	3.56
2037	58,312,198	15,103,013	3.86	(5,452,238)	5,187,000	2,254,198	17,091,973	3.41
2038	58,312,198	9,648,150	6.04			2,251,832	11,899,982	4.90
2039	58,312,198	9,652,150	6.04			2,251,581	11,903,731	4.90
2040	58,312,198	9,648,200	6.04			2,250,092	11,898,292	4.90
2041	58,312,198	9,649,200	6.04			2,248,394	11,897,594	4.90
2042	58,312,198	9,651,700	6.04			2,247,197	11,898,897	4.90
2043	58,312,198	9,650,200	6.04			2,246,382	11,896,582	4.90
2044	58,312,198	9,649,200	6.04			2,245,053	11,894,253	4.90
2045	58,312,198					2,242,638	2,242,638	26.00

**Narragansett Bay Commission  
Restricted Activity Summary**

WEE-3

	Project Fund Operating Capital Acct. Restricted Acct	Debt Service Fund Debt/Coverage Restricted	Total
<b>Restricted Balance 6/30/2012</b>	<b>\$ 20,978,634</b>	<b>\$ 34,818,222</b>	<b>\$ 55,796,856</b>
Receipts FY 2013		46,446,641	46,446,641
Interest FY 2013	8,397	5,582	13,979
Disbursements FY 2013			
Debt Service		(34,438,740)	(34,438,740)
Operating Capital Outlay	(2,959,812)		(2,959,812)
Capital Projects	(9,463,437)		(9,463,437)
Transfer to Project Fund	9,869,370	(9,869,370)	-
<b>Restricted Balance 6/30/2013</b>	<b>18,433,153</b>	<b>36,962,335</b>	<b>55,395,488</b>

***Composition of the Cash:***

Debt Service Payment Account (includes June int.)		23,580,330	23,580,330
Stabilization Account(includes June int.)		9,526,188	9,526,188
Redemption Account (includes June int.)		1,037	1,037
Operating Capital Account (includes June int.)	1,572,999		1,572,999
Restricted Account	17,161,827		17,161,827
June Transfer	(301,673)	3,854,780	3,553,107
<b>Restricted Balance 6/30/2013</b>	<b>\$ 18,433,153</b>	<b>\$ 36,962,334</b>	<b>\$ 55,395,487</b>

**Fiscal Year 2014**

Restricted Balance 6/30/2013	18,433,153	36,962,334	55,395,487
Receipts FY 2014		54,653,880	54,653,880
Interest FY 2014	1,402	1,323	2,725
<b>Disbursements FY 2014</b>			
<u>Debt Service</u>		(39,329,777)	(39,329,777)
Operating Capital Outlay	(2,851,399)		(2,851,399)
Capital Projects	(5,603,484)		(5,603,484)
Transfer to Project Fund	9,530,480	(9,530,480)	-
<b>Restricted Balance 6/30/2014</b>	<b>19,510,152</b>	<b>42,757,280</b>	<b>62,267,432</b>

**Narragansett Bay Commission  
Restricted Activity Summary**

WEE-3

	Project Fund Operating Capital Acct. Restricted Acct	Debt Service Fund Debt/Coverage Restricted	Total
<b>Composition of the Cash:</b>			
Debt Service Payment Account (includes June int.)		25,584,804	25,584,804
			-
<b>Stabilization Account (includes June int.)</b>		<b>13,080,672</b>	<b>13,080,672</b>
Redemption Account (includes June int.)		1,037	1,037
Operating Capital Account (includes June int.)	1,365,612		1,365,612
Restricted Account	18,612,992		18,612,992
June Transfer	(468,452)	4,090,767	3,622,315
<b>Restricted Balance 6/30/2014</b>	<b>19,510,152</b>	<b>42,757,280</b>	<b>62,267,432</b>

**Fiscal Year 2015**

Restricted Balance 6/30/2014	19,510,152	42,757,280	62,267,432
Receipts FY 2015		42,471,677	42,471,677
Interest FY 2015	1,325	1,007	2,332
Disbursements FY 2015			
Debt Service		(40,398,944)	(40,398,944)
Operating Capital Outlay	(1,752,271)		(1,752,271)
<b>Capital Projects</b>	<b>(2,019,611)</b>		<b>(2,019,611)</b>
Transfer to Project Fund	13,081,709	(13,081,709)	-
<b>Transfer from Project Fund</b>		11,409	11,409
<b>Restricted Balance 3/31/2015</b>	<b>28,821,304</b>	<b>31,760,720</b>	<b>60,582,024</b>

**Composition of the Cash:**

Debt Service Payment Account (includes March int.)		16,771,226	16,771,226
			-
Stabilization Account(includes March int.)		9,674,055	9,674,055
Redemption Account (includes March int.)		1,037	1,037
Operating Capital Account (includes March int.)	1,678,779		1,678,779
Restricted Account	27,302,221		27,302,221
March Transfer	(159,696)	5,314,402	5,154,706
<b>Restricted Balance 3/31/2015</b>	<b>28,821,304</b>	<b>31,760,720</b>	<b>60,582,024</b>

**Narragansett Bay Commission**  
**Detail of Capital Project Expenses Disbursed From**  
**Restricted Account**

WEE-4

10901C	FPWWTF NITROGEN REMOVAL CONST.	42,246
10907C	FP-BLOWER IMPROVEMENTS	176,317
1140100	RIVER MODEL DEVELOPMENT	955
1140300	GREENHOUSE GAS STUDY	12,529
11602D	FPWWTF-TUNNEL PUMP STATION IMPROVEMENTS-D	3,368
11900D	REGULATORY COMPLIANCE BLDG - D	2,731
12000D	BPWWTF-BIOGAS REUSE-D	43,748
12000C	BPWWTF - BIOGAS REUSE	29,153
12100C	FPWWTF WIND TURBINE CONSTRUCTION	21,226
12200C	FPWWTF FLOW CONTROL EFFICIENCY	4,472
12500C	UTILITY RELIABILITY IMPROVEMENT @ FP	14,329
12600C	FPWWTF LAND ACQUISITION/SITE DEMO	48,928
12700D	FP ELECTR SUBSTATION-D	20,233
12700C	FPWWTF ELEC SUBSTATION NO. 1	37,953
12900P	FPWWTF-OPERATIONS AND LAB BLDG REUSE - P	4,752
30203RS	PHASE I - CSO PROG. MGT.	3,976
30221D	HYDRAULIC SYSTEMS MODELING - Design	2,996
30301D	PHASE II CSO FACILITIES-DESIGN	151,666
30302C	PHASE II CSO OF 106	11,866
30309C	PHASE II CSO WCSOI REGULATOR	497
30310C	PHASE II CSO WCSOI NORTH	16,578
30311C	PHASE II CSO WCSOI WEST	1,796
30312C	PHASE II CSO SCDOI REGULATOR	2,803
30313C	PHASE II CSO SWCSOI SITE DEMO	850
30435M	EAST PROV. INT. IIC	9,982
30438D	INTERCEPTOR EASEMENTS - DESIGN	61,989
30444D	MOSHASSUCK VALLEY INT. DESIGN	1,991
30451C	IMPROV TO INTERCEPTORS FY 2008	7,526
30454C	BRANCH AVE. INTERCEPTOR IMPROV	12,789
30455C	IMPROV TO INTERCEPTORS FY 2011	58,452
30456C	BUTLER HOSPITAL INTRPTR LINING	36,670
30457P	PROVIDENCE RIVER SIPHON REHAB-P	8,520
30457C	PROVIDENCE RIVER SIPHON REPLACEMENT	1,787
30458P	DOUGLAS/BRANCH AVENUE INTERCEPTOR RELIEF-P	8,838
30459C	IMPROVEMENTS TO INTERCEPTORS FY 2015	10,210
30461P	SYS WIDE FACILITIES PLAN N PROV	6,345
30470M	NORTH PROVIDENCE INT INSP	323,303
30471M	78" INTERCEPTOR OFF ALLENS AVE.	38,980
30472M	PROVIDENCE AND LINCOLN IIC	3,270
30501D	INTERCEPTOR EASEMENTS - NBC BVI	4,448
30600D	FLOAT. CONTROL FAC. - DESIGN	1,266
30600C	FLOATABLES CONTROL FACILITIES-C	1,074
70400C	REHAB OF WASH HWY & OMEGA PS	1,925
70700C	LINCOLN SEPTAGE STATION REHAB	694
70800P	OMEGA PUMP STATION IMPROV.-P	557,807
80900D	BPWWTF NITROGEN REMOVAL DESIGN	1,055
80900C	BPWWTF-NITROGEN REMOVAL FACILITIES-C	1,437
81000P	BPWWTF UV DISINFECTION IMPROV.	145,102
81100C	BPWWTF EFFLUENT PUMPS REHAB.	58,181
		2,019,611
	Balance per schedule W-3	2,019,611
	Variance	\$ (0)



**Narragansett Bay Commission  
Calculation of Rate Increase**

WEE-5

**Calculation of Percentage Increase in Revenue Requirement**

Revenue Increase (WEE-1)	\$ 2,194,285	
Test Year Revenue at Current Rates (WEE-1)	<u>95,997,774</u>	<u>2.29%</u>

**Calculation of Across the Board Increase Percentage**

Revenue Increase	<u>\$ 2,194,285</u>	(A)
------------------	---------------------	-----

Revenue Items which could be increased by an across  
the board % Increase

Flat Fees Residential	\$ 24,882,703
Measured Fee - Residential	28,605,774
Flat Fees Commercial & Industrial	14,472,849
Measured Fee - Commercial	23,464,760
Measured Fee - Industrial	1,347,479

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Total Revenue Available for Increase	<u>\$ 92,773,564</u>	(B)
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Across the Board Percentage Increase	<u>2.37%</u>	(A/B)
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**Narragansett Bay Commission  
Rate Year Revenue Check**

WEE-6

	Current Rate	Increase	Proposed Rates	Billing Units (1)	Revenue at Present Rates	Revenue at Proposed Rates
Flat Fees						
Residential	\$ 210.51	2.37%	\$ 215.50	118,202	24,882,703	\$ 25,472,531
Commercial & Industrial						
Meter Size						
5/8"	503	2.37%	515	3,666	1,843,998	1,887,990
3/4"	752	2.37%	770	1,022	768,544	786,940
1"	1,250	2.37%	1,280	1,160	1,450,000	1,484,800
1 1/2"	2,509	2.37%	2,568	841	2,110,069	2,159,688
2"	4,006	2.37%	4,101	1,373	5,500,238	5,630,673
3"	7,506	2.37%	7,684	76	570,456	583,984
4"	12,508	2.37%	12,804	38	475,304	486,552
6"	25,025	2.37%	25,618	47	1,176,175	1,204,046
8"	40,039	2.37%	40,988	13	520,507	532,844
10"	57,558	2.37%	58,922	1	57,558	58,922
Total Commercial & Industrial Flat Fees				8,237	14,472,849	14,816,439
Measured Fees						
Residential	3.397	2.37%	3.478	8,420,893	28,605,774	29,287,866
Commercial	4.926	2.37%	5.043	4,763,451	23,464,760	24,022,083
Industrial	3.167	2.37%	3.242	425,475	1,347,479	1,379,390
Total Measured Fees					53,418,013	54,689,339
Other Revenue					3,224,114	3,224,114
Total Revenue					95,997,679	98,202,423
Target Revenue (2)						98,192,059
Variance						(10,364)

Narragansett Bay Commission  
Rate Payer Impact

WEE-7

	Current Rates	Proposed Rates	Dollar Increase	% Increase
73.2 HCF Residential				
Customer Charge	\$ 210.51	\$ 215.50	\$ 4.99	
Consumption	248.66	254.59	5.930	
Total 73.2 HCF Residential	\$ 459.17	\$ 470.09	\$ 10.92	2.37%
5/8" meter, 244 HCF Commercial				
Customer Charge	\$ 503.00	\$ 515.00	\$ 12.00	
Consumption	1,201.94	1,230.49	28.55	
Total 5/8" meter, 244 HCF Commercial	\$ 1,704.94	\$ 1,745.49	\$ 40.55	2.37%
2" meter, 2440 HCF Commercial				
Customer Charge	\$ 4,006.00	\$ 4,101.00	\$ 95.00	
Consumption	12,019.44	12,304.92	285.48	
Total 2" meter, 2440 HCF Commercial	\$ 16,025.44	\$ 16,405.92	\$ 380.48	2.37%
5/8" meter, 244 HCF Industrial				
Customer Charge	\$ 503.00	\$ 515.00	\$ 12.00	
Consumption	772.75	791.05	18.30	
Total 5/8" meter, 244 HCF Industrial	\$ 1,275.75	\$ 1,306.05	\$ 30.30	2.37%
2" meter, 2440 HCF Industrial				
Customer Charge	\$ 4,006.00	\$ 4,101.00	\$ 95.00	
Consumption	7,727.48	7,910.48	183.00	
Total 2" meter, 2440 HCF Industrial	\$ 11,733.48	\$ 12,011.48	\$ 278.00	2.37%

Narragansett Bay Commission - Master Debt Service Schedule

ACCT. #	BONDS/SRF DESCRIPTION	DUE DATES	FYE 2015		FYE 2016		FYE 2017		FYE 2018		FYE 2019		FYE 2020		FYE 2021		FYE 2022
			INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	
21915	SRF POOL LOAN 1 - \$14.781M	1-Sep 1-Mar	36,765.08 18,717.36	983,750.00	18,717.36 1,020,250.00												
21916	SRF POOL LOAN 2 - \$17.279M	1-Sep 1-Mar	40,198.63 20,446.11	1,130,718.00	20,446.11 1,170,422.00												
21917	SRF POOL LOAN 3 - \$8.150M	1-Sep 1-Mar	56,207.95 47,661.78	468,955.00	47,661.78 38,802.66	486,133.00	38,802.66 503,940.00	29,619.08 20,099.00	522,400.00	20,099.00 10,230.25	541,535.00	10,230.25 561,372.00					
21918	SRF POOL LOAN 4 - \$23.955M	1-Sep 1-Mar	189,491.80 168,388.10	1,195,000.00	168,388.10 156,114.40	695,000.00	156,114.40 1,111,611.20	2,520,000.00	111,611.20 2,100,000.00	74,525.20 45,121.30	1,665,000.00	45,121.30 1,220,000.00	23,576.10 1,335,000.00				
21919	SRF POOL LOAN 5 - \$57M	1-Sep 1-Mar	361,414.73 310,599.45	3,205,000.00	310,599.45 258,119.40	3,310,000.00	258,119.40 2,650,000.00	216,103.65 173,612.25	2,680,000.00	173,612.25 130,803.75	2,700,000.00	130,803.75 87,202.50	2,750,000.00 43,601.25	87,202.50 2,750,000.00	43,601.25	43,601.25	
21920	SRF POOL LOAN 6 - \$57M	1-Sep 1-Mar	231,729.06 208,598.36	2,930,718.55	208,598.36 184,853.08	3,008,587.75	184,853.08 160,476.90	3,088,525.91	160,476.90 135,453.03	3,170,588.04	135,453.03 109,764.28	3,254,830.57	109,764.28 83,392.98	3,341,311.42 56,321.00	83,392.98 56,321.00	3,430,090.07 28,529.71	
21921	SRF POOL LOAN 7 - \$40M	1-Sep 1-Mar	247,197.20 228,448.40	1,953,000.00	228,448.40 208,946.40	1,990,000.00	208,946.40 188,757.85	2,029,000.00	188,757.85 167,747.35	2,070,000.00	167,747.35 145,993.75	2,112,000.00	145,993.75 123,474.00	2,155,000.00 100,154.00	123,474.00 100,154.00	2,200,000.00 76,111.10	
21922	SRF POOL LOAN 8 - \$40M	1-Sep 1-Mar	281,106.70 262,855.08	2,045,000.00	262,855.08 243,856.83	2,082,000.00	243,856.83 217,005.70	2,895,000.00	217,005.70 188,721.10	3,009,000.00	188,721.10 158,879.28	3,133,000.00	158,879.28 127,642.23	3,237,000.00 94,475.65	3,393,000.00 59,389.78	94,475.65	
21923	SRF POOL LOAN 9 - \$30M	1-Sep 1-Mar	192,345.00 178,699.20	1,444,000.00	178,699.20 164,614.38	1,471,000.00	164,614.38 150,111.55	1,499,000.00	150,111.55 135,137.15	1,528,000.00	135,137.15 119,751.90	1,558,000.00	119,751.90 103,981.08	1,589,000.00 87,771.08	103,981.08 87,771.08	1,621,000.00 71,117.10	
21924	SRF POOL LOAN 10 - \$30M	1-Sep 1-Mar	186,398.43 174,090.55	1,427,000.00	174,090.55 161,430.58	1,451,000.00	161,430.58 148,441.78	1,476,000.00	148,441.78 135,111.53	1,502,000.00	135,111.53 121,465.20	1,529,000.00	121,465.20 107,461.20	1,556,000.00 93,126.00	1,584,000.00 78,447.70	93,126.00	
21925	SRF POOL LOAN 11 - \$25M	1-Sep 1-Mar	214,515.53 203,360.63	1,236,000.00	203,360.63 191,787.03	1,258,000.00	191,787.03 179,745.63	1,281,000.00	179,745.63 167,208.03	1,306,000.00	167,208.03 154,230.78	1,331,000.00	154,230.78 140,762.55	1,357,000.00 126,887.95	1,384,000.00 112,601.58	126,887.95	
21926	SRF POOL LOAN 12 - \$55M (8.3 M Forgiveness)	1-Sep 1-Mar	645,028.31 637,047.22	849,052.48	637,047.22 623,993.04	1,273,578.72	623,993.04 605,144.07	1,698,104.96	605,144.07 575,547.68	2,476,686.09	575,547.68 543,719.36	2,536,119.76	543,719.36 509,792.00	2,599,798.71	509,792.00 473,933.96	2,666,024.79 436,135.16	
21927	SRF POOL LOAN 12 - \$2M (\$301,895 M Forgiveness)	1-Sep 1-Mar	18,787.33 18,277.38	71,320.41	18,277.38 17,660.38	73,018.51	17,660.38 16,916.95	74,716.62	16,916.95 16,080.21	76,414.72	16,080.21 15,144.50	78,961.88	15,144.50 14,136.25	80,659.99	14,136.25 13,058.73	83,207.14 11,913.90	
21928	SRF POOL LOAN 13 - \$20M	1-Sep 1-Mar	265,494.30 258,181.50	831,000.00	258,181.50 249,731.50	845,000.00	249,731.50 239,947.80	862,000.00	239,947.80 229,023.40	881,000.00	229,023.40 217,213.15	905,000.00	217,213.15 204,466.90	927,000.00 190,791.35	204,466.90 190,791.35	953,000.00 176,057.40	
21929	SRF POOL LOAN 14 - \$30M (1,845,345.21 forgive)	1-Sep 1-Mar	416,404.78 407,653.66	1,136,509.57	407,653.66 396,802.85	1,154,340.84	396,802.85 384,396.84	1,175,926.08	384,396.84 370,533.07	1,200,326.78	370,533.07 354,992.79	1,228,481.44	354,992.79 338,065.78	1,258,513.06	338,065.78 319,637.16	1,293,237.14 298,891.68	
21930	SRF POOL LOAN 15 - \$25.750,000 (354,202 forgive)	1-Sep 1-Mar	297,721.74 292,441.56	1,066,703.16	292,441.56 286,245.96	1,077,495.04	286,245.96 279,001.52	1,089,390.98	279,001.52 270,657.39	1,105,182.86	270,657.39 260,793.72	1,120,870.68	260,793.72 249,558.20	1,140,662.56	249,558.20 237,179.16	1,162,350.38 223,517.91	
21931	SRF POOL LOAN 16 - \$25,000,000 (80,965.77 forgive)	1-Sep 1-Mar	281,272.63 277,634.45	1,054,545.46	277,634.45 273,122.89	1,061,545.46	273,122.89 267,984.27	1,070,545.46	267,984.27 262,339.15	981,761.37	262,339.15 254,351.50	1,192,185.61	254,351.50 245,761.39	1,108,401.52	245,761.39 235,971.03	1,125,329.55 225,033.81	
21932	SRF POOL LOAN 17 - \$45,000,000 Series 2014A	1-Sep 1-Mar	55,566.82 367,908.20		567,221.85 570,924.65	1,857,000.00	570,924.65 563,164.15	1,870,000.00	563,164.15 553,451.25	1,886,000.00	553,451.25 540,783.00	1,905,000.00	540,783.00 525,335.00	1,931,000.00	525,335.00 506,892.20	1,962,000.00 485,813.30	
22505	VRDO \$70M 2008 Series A Refunding (Includes fees) Based on revised 12.9.13 Revised Debt Schedule	1-Sep	1,976,274.97	0.00	1,979,899.40	0.00	1,972,650.54	0.00	1,976,274.97	0.00	1,976,274.97	0.00	1,979,899.40	0.00	1,972,650.54	0.00	
22503	\$42.5M 2007 Series A	1-Aug 1-Feb	1,032,781.25 1,032,781.25	0.00	1,032,781.25 1,032,781.25	0.00	1,032,781.25 1,032,781.25	0.00	1,032,781.25 1,032,781.25	0.00	1,032,781.25 1,032,781.25	0.00	1,032,781.25 1,032,781.25	0.00	1,032,781.25 1,032,781.25	0.00	
22504	\$71.48M 2013 Series A	1-Sep 1-Mar	1,568,325.00 1,568,325.00		1,568,325.00 1,568,325.00		1,568,325.00 1,568,325.00		1,568,325.00 1,568,325.00		1,568,325.00 1,568,325.00		1,568,325.00 1,568,325.00		1,568,325.00 1,568,325.00		
22505	\$34.970M 2013 Series C	1-Sep 1-Mar	828,275.00 828,275.00		828,275.00 828,275.00		828,275.00 828,275.00		828,275.00 828,275.00		828,275.00 828,275.00		828,275.00 828,275.00	560,000.00	814,275.00 767,400.00	814,275.00	
22512	\$39.82M 2014 Series B	1-Sep 1-Mar	972,200.00 664,336.67		972,200.00 972,200.00		972,200.00 972,200.00		972,200.00 972,200.00		972,200.00 972,200.00		972,200.00 972,200.00		972,200.00 972,200.00		
<b>Total</b>			17,598,029.15	23,028,272.63	19,090,390.57	25,284,371.32	18,561,247.96	25,783,150.01	18,013,113.20	26,495,359.86	17,437,922.77	26,790,984.94	16,850,908.57	26,812,719.26	16,226,221.72	27,502,239.07	15,567,923.12
<b>Total Interest and Principal Debt Service</b>			\$40,626,301.78		\$44,374,761.89		\$44,344,397.97		\$44,508,473.06		\$44,228,907.71		\$43,663,627.83		\$43,728,460.79		

SRF	31,126,927.64	33,591,699.99	33,568,584.93	33,729,035.59	33,449,470.24	32,880,565.93	32,406,647.75
Open Market Bonds	9,499,374.14	10,783,061.90	10,775,813.04	10,779,437.47	10,779,437.47	10,783,061.90	11,321,813.04
	40,626,301.78	44,374,761.89	44,344,397.97	44,508,473.06	44,228,907.71	43,663,627.83	43,728,460.79

Debt Service Open market	9,499,374.14	0.00	10,783,061.90	0.00	10,775,813.04	0.00	10,779,437.47	0.00	10,779,437.47	0.00	10,783,061.90	0.00	10,761,813.04	560,000.00	10,704,562.47
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Narragansett Bay Commission - Master Debt Service Schedule

ACCT. #	BONDS/SRF DESCRIPTION	DUE DATES	2022	FYE 2023		FYE 2024		FYE 2025		FYE 2026		FYE 2027		FYE 2028		FYE 2029		
				PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL
21915	SRF POOL LOAN 1 - \$14.781M	1-Sep 1-Mar																
21916	SRF POOL LOAN 2 - \$17.279M	1-Sep 1-Mar																
21917	SRF POOL LOAN 3 - \$8.150M	1-Sep 1-Mar																
21918	SRF POOL LOAN 4 - \$23.955M	1-Sep 1-Mar																
21919	SRF POOL LOAN 5 - \$57M	1-Sep 1-Mar	2,750,000.00															
21920	SRF POOL LOAN 6 - \$57M	1-Sep 1-Mar	3,521,227.57	28,529.71	3,614,786.58													
21921	SRF POOL LOAN 7 - \$40M	1-Sep 1-Mar	2,247,000.00	76,111.10 51,439.85	2,295,000.00	51,439.85 26,007.45	2,344,000.00	26,007.45	2,397,000.00									
21922	SRF POOL LOAN 8 - \$40M	1-Sep 1-Mar	3,553,000.00	59,389.78 36,477.20	2,297,000.00	36,477.20 12,881.55	2,342,000.00	12,881.55	1,266,000.00									
21923	SRF POOL LOAN 9 - \$30M	1-Sep 1-Mar	1,653,000.00	71,117.10 54,046.35	1,686,000.00	54,046.35 36,545.35	1,720,000.00	36,545.35 18,512.73	1,755,000.00	18,512.73	1,793,000.00							
21924	SRF POOL LOAN 10 - \$30M	1-Sep 1-Mar	1,613,000.00	78,447.70 63,464.45	1,642,000.00	63,464.45 48,123.85	1,672,000.00	48,123.85 32,456.25	1,703,000.00	32,456.25	1,734,000.00	16,416.75	1,770,000.00					
21925	SRF POOL LOAN 11 - \$25M	1-Sep 1-Mar	1,411,000.00	112,601.58 97,877.58	1,440,000.00	97,877.58 82,710.15	1,469,000.00	82,710.15 67,072.65	1,500,000.00	67,072.65	1,531,000.00	50,997.15	1,563,000.00	34,468.43	1,596,000.00	17,471.03	1,629,000.00	
21926	SRF POOL LOAN 12 - \$55M (8.3 M Forgiveness)	1-Sep 1-Mar	2,739,043.32	436,135.16 396,308.45	2,814,608.97	396,308.45 354,496.36	2,893,570.85	354,496.36	2,978,476.11	354,496.36	3,065,928.51	264,728.19	3,157,626.18	216,732.28	3,252,720.06	166,477.75	3,354,606.35	
21927	SRF POOL LOAN 12 - \$2M (\$301,895 M Forgiveness)	1-Sep 1-Mar	85,754.30	11,913.90 10,692.54	89,150.51	10,692.54 9,404.19	91,697.67	9,404.19	95,093.88	8,039.60	97,641.04	6,604.27	101,037.25	5,088.71	104,433.46	3,490.88	108,678.72	
21928	SRF POOL LOAN 13 - \$20M	1-Sep 1-Mar	979,000.00	176,057.40 160,266.55	1,009,000.00	160,266.55 143,454.40	1,041,000.00	143,454.40	1,074,000.00	125,733.40	1,110,000.00	107,029.90	1,147,000.00	87,416.20	1,187,000.00	66,821.75	1,228,000.00	
21929	SRF POOL LOAN 14 - \$30M (1,845,345.21 forgive)	1-Sep 1-Mar	1,329,838.20	298,891.68 276,321.12	1,372,070.18	276,321.12 252,088.42	1,417,117.62	252,088.42	1,464,980.54	226,085.01	1,517,535.90	198,465.85	1,571,968.23	169,148.63	1,632,031.49	138,384.85	1,692,094.75	
21930	SRF POOL LOAN 15 - \$25,750,000 (354,202 forgive)	1-Sep 1-Mar	1,187,934.14	223,517.91 208,992.48	1,215,517.90	208,992.48 192,756.96	1,244,101.66	192,756.96	1,276,685.41	175,202.53	1,312,165.11	156,438.57	1,348,644.81	136,950.65	1,389,124.51	117,364.00	1,428,500.15	
21931	SRF POOL LOAN 16 - \$25,000,000 (80,965.77 forgive)	1-Sep 1-Mar	1,145,257.58	225,033.81 213,197.03	1,166,185.61	213,197.03 199,380.11	1,191,113.64	199,380.11	1,218,041.67	184,154.59	1,247,969.70	167,494.20	1,280,825.76	149,498.59	1,316,753.80	130,405.66	1,355,609.86	
21932	SRF POOL LOAN 17 - \$45,000,000 Series 2014A	1-Sep 1-Mar	1,998,000.00	485,813.30 462,035.65	2,041,000.00	462,035.65 435,935.65	2,088,000.00	435,935.65	2,140,000.00	407,152.65	2,198,000.00	376,490.55	2,259,000.00	342,831.45	2,327,000.00	306,879.30	2,398,000.00	
22505	VRDO \$70M 2008 Series A Refunding (Includes fees) Based on revised 12.9.13 Revised Debt Schedule	1-Sep	0.00	1,950,096.91	1,000,000.00	1,879,229.55	2,500,000.00	1,758,892.26	3,500,000.00	1,608,238.01	4,700,000.00	1,456,827.07	4,200,000.00	1,312,161.29	4,200,000.00	1,160,661.20	4,200,000.00	
22503	\$42.5M 2007 Series A	1-Aug 1-Feb		1,032,781.25 0.00	1,032,781.25	0.00	1,032,781.25	0.00	1,032,781.25	0.00	1,032,781.25	0.00	1,032,781.25	0.00	1,032,781.25	3,390,000.00	948,031.25	3,560,000.00
22504	\$71.48M 2013 Series A	1-Sep 1-Mar		1,568,325.00 1,568,325.00	1,568,325.00	1,568,325.00	1,568,325.00	1,568,325.00	1,490,825.00	3,100,000.00	1,452,200.00	1,545,000.00	1,452,200.00	1,452,200.00	1,452,200.00	1,452,200.00	1,452,200.00	
22505	\$34.970M 2013 Series C	1-Sep 1-Mar	1,875,000.00	767,400.00 719,525.00	1,915,000.00	719,525.00 649,900.00	2,785,000.00	649,900.00	2,165,000.00	595,775.00	1,905,000.00	548,150.00	2,375,000.00	488,775.00	2,500,000.00	426,275.00	2,615,000.00	
22512	\$39.82M 2014 Series B	1-Sep 1-Mar		972,200.00 972,200.00	972,200.00	972,200.00	972,200.00	972,200.00	972,200.00	972,200.00	972,200.00	972,200.00	3,175,000.00	892,825.00	3,330,000.00	809,575.00	3,500,000.00	
<b>Total</b>			28,088,055.11	14,898,313.79	25,597,319.75	14,220,170.74	24,798,601.44	13,499,937.44	24,533,277.61	12,720,914.17	25,312,240.26	11,854,164.94	25,494,102.23	10,989,003.95	26,225,063.32	9,983,140.33	27,069,489.83	
<b>Total Interest and Principal Debt Service</b>			978.23	\$40,495,633.54	\$39,018,772.18	\$39,018,772.18	\$38,033,215.05	\$38,033,154.43	\$37,348,267.17	\$37,214,067.27	\$37,052,630.16							

SRF	31,076,415.76	26,996,999.13	23,338,505.13	22,217,035.29	18,506,878.92	16,685,902.60	14,894,493.48	14,884,606.46
Open Market Bonds	12,579,562.47	13,498,634.41	15,680,267.05	15,816,179.76	19,526,275.51	20,662,364.57	22,319,573.79	22,168,023.70
	43,655,978.23	40,495,633.54	39,018,772.18	38,033,215.05	38,033,154.43	37,348,267.17	37,214,067.27	37,052,630.16

Debt Service Open market 1,875,000.00 10,583,634.41 2,915,000.00 10,395,267.05 5,285,000.00 10,151,179.76 5,665,000.00 9,821,275.51 9,705,000.00 9,367,364.57 11,295,000.00 8,899,573.79 13,420,000.00 8,293,023.70 13,875,000.00

Narragansett Bay Commission - Master Debt Service Schedule

ACCT. #	BONDS/SRF DESCRIPTION	DUE DATES	FYE 2030		FYE 2031		FYE 2032		FYE 2033		FYE 2034		FYE 2035		FYE 2036		FYE INTEREST
			INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	
21915	SRF POOL LOAN 1 - \$14.781M	1-Sep 1-Mar															
21916	SRF POOL LOAN 2 - \$17.279M	1-Sep 1-Mar															
21917	SRF POOL LOAN 3 - \$8.150M	1-Sep 1-Mar															
21918	SRF POOL LOAN 4 - \$23.955M	1-Sep 1-Mar															
21919	SRF POOL LOAN 5 - \$57M	1-Sep 1-Mar															
21920	SRF POOL LOAN 6 - \$57M	1-Sep 1-Mar															
21921	SRF POOL LOAN 7 - \$40M	1-Sep 1-Mar															
21922	SRF POOL LOAN 8 - \$40M	1-Sep 1-Mar															
21923	SRF POOL LOAN 9 - \$30M	1-Sep 1-Mar															
21924	SRF POOL LOAN 10 - \$30M	1-Sep 1-Mar															
21925	SRF POOL LOAN 11 - \$25M	1-Sep 1-Mar															
21926	SRF POOL LOAN 12 - \$55M (8.3 M Forgiveness)	1-Sep 1-Mar	113,642.71 58,471.01	3,459,039.80	58,471.01	3,609,322.07											
21927	SRF POOL LOAN 12 - \$2M (\$301,895 M Forgiveness)	1-Sep 1-Mar	1,795.49	112,923.96													
21928	SRF POOL LOAN 13 - \$20M	1-Sep 1-Mar	45,270.35 22,946.75	1,272,000.00	22,946.75	1,315,000.00											
21929	SRF POOL LOAN 14 - \$30M (1,845,345.21 forgive)	1-Sep 1-Mar	106,150.46 72,418.93	1,756,850.46	72,418.93	1,824,421.63	37,025.15	1,893,869.77									
21930	SRF POOL LOAN 15 - \$25.750,000 (354,202 forgive)	1-Sep 1-Mar	96,936.45 73,785.91	1,469,875.79	73,785.91	1,514,251.43	51,602.13 26,258.19	1,559,627.07	26,258.19	1,610,931.94							
21931	SRF POOL LOAN 16 - \$25,000,000 (80,965.77 forgive)	1-Sep 1-Mar	110,274.85 89,886.45	1,396,465.92	89,886.45	1,436,321.98	68,700.70 46,646.05	1,480,178.04	46,646.05	1,523,034.10	23,724.38	1,565,965.02					
21932	SRF POOL LOAN 17 - \$45,000,000 Series 2014A	1-Sep 1-Mar	268,751.10 228,408.60	2,475,000.00	228,408.60	2,555,000.00	185,867.85 141,251.85	2,640,000.00	141,251.85	2,730,000.00	94,568.85 48,130.50	2,823,000.00	48,130.50	2,917,000.00			
22505	VRDO \$70M 2008 Series A Refunding (Includes fees) Based on revised 12.9.13 Revised Debt Schedule	1-Sep	994,884.57	5,000,000.00	819,884.59	5,000,000.00	645,986.40	5,000,000.00	450,686.59	5,700,000.00	252,059.92	5,700,000.00	50,858.35	5,765,000.00	0.00	0.00	
22503	\$42.5M 2007 Series A	1-Aug 1-Feb	859,031.25 859,031.25	3,735,000.00	765,656.25	3,920,000.00	667,656.25	4,120,000.00	564,656.25	4,325,000.00	461,937.50	4,530,000.00	354,350.00	4,745,000.00	241,656.25	4,970,000.00	123,618.75
22504	\$71.48M 2013 Series A	1-Sep 1-Mar	1,452,200.00 1,452,200.00		1,452,200.00 1,452,200.00		1,452,200.00 1,452,200.00		1,452,200.00 1,452,200.00		1,452,200.00 1,452,200.00		1,452,200.00 1,452,200.00		1,425,075.00 1,425,075.00	1,085,000.00 1,250,700.00	1,425,075.00
22505	\$34.970M 2013 Series C	1-Sep 1-Mar	373,975.00 312,881.25	2,750,000.00	312,881.25 241,256.25	2,865,000.00	241,256.25 177,400.00	3,005,000.00	177,400.00 125,775.00	2,065,000.00	125,775.00	5,590,000.00					
22512	\$39.82M 2014 Series B	1-Sep 1-Mar	722,075.00 630,325.00	3,670,000.00	630,325.00 533,950.00	3,855,000.00	533,950.00 432,825.00	4,045,000.00	432,825.00 326,575.00	4,250,000.00	326,575.00 214,950.00	4,465,000.00	214,950.00	4,660,000.00	121,750.00	4,870,000.00	
<b>Total</b>			8,945,342.38	27,097,155.93	7,863,123.07	27,894,317.11	6,828,482.07	23,743,674.88	5,879,423.41	22,203,966.04	4,914,058.65	24,673,965.02	4,048,788.85	18,087,000.00	3,482,337.50	10,925,000.00	2,923,012.50
<b>Total Interest and Principal Debt Service</b>			\$36,042,498.31		\$35,757,440.18		\$30,572,156.95		\$28,083,389.45		\$29,588,023.67		\$22,135,788.85		\$14,407,337.50		\$15,103

SRF	13,230,894.99	13,143,430.59	8,131,026.80	6,196,415.36	4,555,388.75	2,965,130.50	0.00
Open Market Bonds	22,811,603.32	22,614,009.59	22,441,130.15	21,886,974.09	25,032,634.92	19,170,658.35	14,407,337.50
	<u>36,042,498.31</u>	<u>35,757,440.18</u>	<u>30,572,156.95</u>	<u>28,083,389.45</u>	<u>29,588,023.67</u>	<u>22,135,788.85</u>	<u>14,407,337.50</u>

Debt Service Open market	7,656,603.32	15,155,000.00	6,974,009.59	15,640,000.00	6,271,130.15	16,170,000.00	5,546,974.09	16,340,000.00	4,747,634.92	20,285,000.00	4,000,658.35	15,170,000.00	3,482,337.50	10,925,000.00	2,923,012.50
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Narragansett Bay Commission - Master Debt Service Schedule

ACCT. #	BONDS/SRF DESCRIPTION	DUE DATES	2037 PRINCIPAL	FYE 2038		FYE 2039		FYE 2040		FYE 2041		FYE 2042		FYE 2043		FYE 2044	
				INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL
21915	SRF POOL LOAN 1 - \$14.781M	1-Sep 1-Mar															
21916	SRF POOL LOAN 2 - \$17.279M	1-Sep 1-Mar															
21917	SRF POOL LOAN 3 - \$8.150M	1-Sep 1-Mar															
21918	SRF POOL LOAN 4 - \$23.955M	1-Sep 1-Mar															
21919	SRF POOL LOAN 5 - \$57M	1-Sep 1-Mar															
21920	SRF POOL LOAN 6 - \$57M	1-Sep 1-Mar															
21921	SRF POOL LOAN 7 - \$40M	1-Sep 1-Mar															
21922	SRF POOL LOAN 8 - \$40M	1-Sep 1-Mar															
21923	SRF POOL LOAN 9 - \$30M	1-Sep 1-Mar															
21924	SRF POOL LOAN 10 - \$30M	1-Sep 1-Mar															
21925	SRF POOL LOAN 11 - \$25M	1-Sep 1-Mar															
21926	SRF POOL LOAN 12 - \$55M (8.3 M Forgiveness)	1-Sep 1-Mar															
21927	SRF POOL LOAN 12 - \$2M (\$301,895 M Forgiveness)	1-Sep 1-Mar															
21928	SRF POOL LOAN 13 - \$20M	1-Sep 1-Mar															
21929	SRF POOL LOAN 14 - \$30M (1,845,345.21 forgive)	1-Sep 1-Mar															
21930	SRF POOL LOAN 15 - \$25.750,000 (354,202 forgive)	1-Sep 1-Mar															
21931	SRF POOL LOAN 16 - \$25,000,000 (80,965.77 forgive)	1-Sep 1-Mar															
21932	SRF POOL LOAN 17 - \$45,000,000 Series 2014A	1-Sep 1-Mar															
22505	VRDO \$70M 2008 Series A Refunding (Includes fees) Based on revised 12.9.13 Revised Debt Schedule	1-Sep															
22503	\$42.5M 2007 Series A	1-Aug 1-Feb		5,205,000.00													
22504	\$71.48M 2013 Series A	1-Sep 1-Mar	6,975,000.00	1,250,700.00 1,067,450.00	7,330,000.00	1,067,450.00 874,700.00	7,710,000.00	874,700.00 713,500.00	8,060,000.00	713,500.00 545,700.00	8,390,000.00	545,700.00 371,000.00	8,735,000.00	371,000.00 189,200.00	9,090,000.00	189,200.00	9,460,000.00
22505	\$34.970M 2013 Series C	1-Sep 1-Mar															
22512	\$39.82M 2014 Series B	1-Sep 1-Mar															
<b>Total</b>			12,180,000.00	2,318,150.00	7,330,000.00	1,942,150.00	7,710,000.00	1,588,200.00	8,060,000.00	1,259,200.00	8,390,000.00	916,700.00	8,735,000.00	560,200.00	9,090,000.00	189,200.00	9,460,000.00
<b>Total Interest and Principal Debt Service</b>			012.50	\$9,648,150.00		\$9,652,150.00		\$9,648,200.00		\$9,649,200.00		\$9,651,700.00		\$9,650,200.00		\$9,649,200.00	

SRF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Open Market Bonds	15,103,012.50	9,648,150.00	9,652,150.00	9,648,200.00	9,649,200.00	9,651,700.00	9,650,200.00	9,649,200.00									
	15,103,012.50	9,648,150.00	9,652,150.00	9,648,200.00	9,649,200.00	9,651,700.00	9,650,200.00	9,649,200.00									

Debt Service Open market 12,180,000.00 2,318,150.00 7,330,000.00 1,942,150.00 7,710,000.00 1,588,200.00 8,060,000.00 1,259,200.00 8,390,000.00 916,700.00 8,735,000.00 560,200.00 9,090,000.00 189,200.00 9,460,000.00

Narragansett Bay Commission - Master Debt Service Schedule

ACCT. #	BOND/SRF DESCRIPTION	DUE DATES	Total	
			INTEREST	PRINCIPAL
21915	SRF POOL LOAN 1 - \$14.781M	1-Sep 1-Mar	55,482.44 18,717.36	2,004,000.00
21916	SRF POOL LOAN 2 - \$17.279M	1-Sep 1-Mar	60,644.74 20,446.11	2,301,140.00
21917	SRF POOL LOAN 3 - \$8.150M	1-Sep 1-Mar	202,620.72 146,412.72	3,084,335.00
21918	SRF POOL LOAN 4 - \$23.955M	1-Sep 1-Mar	768,828.10 579,336.30	10,730,000.00
21919	SRF POOL LOAN 5 - \$57M	1-Sep 1-Mar	1,581,456.98 1,220,042.25	22,795,000.00
21920	SRF POOL LOAN 6 - \$57M	1-Sep 1-Mar	1,199,118.40 967,389.34	29,360,666.46
21921	SRF POOL LOAN 7 - \$40M	1-Sep 1-Mar	1,564,277.35 1,317,080.15	23,792,000.00
21922	SRF POOL LOAN 8 - \$40M	1-Sep 1-Mar	1,683,291.10 1,402,184.40	29,252,000.00
21923	SRF POOL LOAN 9 - \$30M	1-Sep 1-Mar	1,312,632.87 1,120,287.87	19,317,000.00
21924	SRF POOL LOAN 10 - \$30M	1-Sep 1-Mar	1,366,434.27 1,180,035.84	20,659,000.00
21925	SRF POOL LOAN 11 - \$25M	1-Sep 1-Mar	1,841,696.70 1,627,181.17	21,292,000.00
21926	SRF POOL LOAN 12 - \$55M (8.3 M Forgiveness)	1-Sep 1-Mar	6,931,761.38 6,286,733.07	45,424,307.73
21927	SRF POOL LOAN 12 - \$2M (\$301,895 M Forgiveness)	1-Sep 1-Mar	187,091.31 168,303.98	1,424,710.06
21928	SRF POOL LOAN 13 - \$20M	1-Sep 1-Mar	2,789,846.60 2,524,352.29	17,566,000.00
21929	SRF POOL LOAN 14 - \$30M (1,845,345.21 forgive)	1-Sep 1-Mar	4,763,467.03 4,347,062.25	25,920,113.68
21930	SRF POOL LOAN 15 - \$25.750,000 (354,202 forgive)	1-Sep 1-Mar	3,633,405.03 3,335,683.29	24,320,015.58
21931	SRF POOL LOAN 16 - \$25,000,000 (80,965.77 forgive)	1-Sep 1-Mar	3,706,833.73 3,425,561.10	24,918,037.11
21932	SRF POOL LOAN 17 - \$45,000,000 Series 2014A	1-Sep 1-Mar	7,667,456.22 7,412,575.75	45,000,000.00
22505	VRDO \$70M 2008 Series A Refunding (Includes fees) Based on revised 12.9.13 Revised Debt Schedule	1-Sep	30,150,666.47	56,465,000.00
22503	\$42.5M 2007 Series A	1-Aug 1-Feb	19,445,531.25 19,445,531.25	42,500,000.00
22504	\$71.48M 2013 Series A	1-Sep 1-Mar	39,817,850.00 38,249,525.00	71,480,000.00
22505	\$34.970M 2013 Series C	1-Sep 1-Mar	12,039,287.50 11,211,012.50	34,970,000.00
22512	\$39.82M 2014 Series B	1-Sep 1-Mar	16,351,250.00 16,045,386.67	39,820,000.00
<b>Total</b>			281,169,770.85	614,395,325.62
<b>Total Interest and Principal Debt Service</b>			<b>\$895,565,096.47</b>	

SRF	447,576,055.83
Open Market Bonds	447,989,040.64
	895,565,096.47

Debt Service Open market 202,754,040.64 245,235,000.00



**Narragansett Bay Commission  
Projected New Debt FY 13**

WEE-9

**2015 SRF Loan**

2.490%	Rate
30	Years
41,753,500	Principal

	<u>Principal</u>	<u>Interest *</u>	<u>Total</u>
2015			-
2016		269,909	269,909
2017		979,896	979,896
2018	1,035,000	1,199,747	2,234,747
2019	1,049,000	1,186,893	2,235,893
2020	1,067,000	1,168,471	2,235,471
2021	1,086,000	1,148,056	2,234,056
2022	1,108,000	1,125,545	2,233,545
2023	1,131,000	1,100,998	2,231,998
2024	1,156,000	1,074,539	2,230,539
2025	1,184,000	1,045,769	2,229,769
2026	1,215,000	1,014,250	2,229,250
2027	1,247,000	979,938	2,226,938
2028	1,283,000	943,054	2,226,054
2029	1,321,000	904,099	2,225,099
2030	1,361,000	863,349	2,224,349
2031	1,402,000	820,884	2,222,884
2032	1,446,000	776,620	2,222,620
2033	1,491,000	730,648	2,221,648
2034	1,538,000	683,049	2,221,049
2035	1,586,000	633,759	2,219,759
2036	1,637,000	618,983	2,255,983
2037	1,688,000	566,198	2,254,198
2038	1,742,000	509,832	2,251,832
2039	1,802,000	449,581	2,251,581
2040	1,863,000	387,092	2,250,092
2041	1,926,000	322,394	2,248,394
2042	1,992,000	255,197	2,247,197
2043	2,061,000	185,382	2,246,382
2044	2,132,000	113,053	2,245,053
2045	2,204,500	38,138	2,242,638
	<hr/> 41,753,500	22,095,320	63,848,820

\* includes .5% admin fees

1 **NARRAGANSETT BAY COMMISSION**

2

3 **PRE-FILED DIRECT TESTIMONY**

4 **OF THOMAS BRUECKNER, P.E.**

5

6 **Q. Please state your name and address.**

7 A. Thomas Brueckner. My business address is the Narragansett Bay Commission, One  
8 Service Road, Providence, Rhode Island 02905.

9

10 **Q. For whom are you employed and what is your position?**

11 A. I am employed by the Narragansett Bay Commission (NBC) as its Engineering Manager.

12 **Q. For how long have you been so employed?**

13 A. I have been employed in this position since August 18, 1998. I began my employment  
14 with the NBC in 1984 as the Industrial Pretreatment Program Manager and was promoted  
15 to Chief of Operations/Engineering on July 17, 1990 and my title was changed to  
16 Engineering Manager in 1998. The four years prior to my employment with the NBC, I  
17 worked for the Blackstone Valley District Commission as their Industrial Pretreatment  
18 Program Manager for one year and as Assistant Superintendent for three years.

19 **Q. Have you previously testified before the Rhode Island Public Utilities Commission?**

20 A. Yes. I provided testimony in previous NBC dockets related to NBC's Combined Sewer  
21 Overflow Abatement (CSO) program, most recently as part of Docket 4478.

22

23 **Q. What is the purpose of your testimony?**

24 A. To provide the PUC with an update regarding the third and final phase of the CSO  
25 program.

1 **Q. Can you please provide some background regarding NBC's CSO program?**

2 A. Yes. The Cities of Providence, Pawtucket and Central Falls have combined sewers that  
3 overflow at approximately 63 locations during significant wet weather events. The NBC  
4 is responsible for the discharges from these overflows. As I have testified to previously,  
5 the NBC is under a Consent Agreement with the Rhode Island Department of  
6 Environmental Management (RIDEM) to implement a federally mandated CSO program  
7 that will address the CSO discharges. The CSO Program is to be completed in three  
8 phases. Approximately 98% of the annual CSO volume will receive treatment when all  
9 the phases are completed. The first phase of the CSO abatement facilities addresses 40%  
10 of the CSO volume that will be treated. The second phase will address 20% of the  
11 volume and the third phase will address the remaining volume. NBC's CSO Program  
12 will mitigate the impact of these overflows through the construction of wet weather  
13 control facilities. The current program consists of constructing two tunnels, the Main  
14 Spine tunnel (16,000 feet long) and the Pawtucket tunnel (13,000 feet long), two tunnel  
15 pump stations, five CSO interceptors, one wetland facility and seven sewer separation  
16 projects.

17 The first phase is complete and became operational in October 2008. It involved the  
18 construction of the Main Spine tunnel, drop shafts, and Tunnel Pump Station at a cost of  
19 approximately \$348 million. Since completion of construction of Phase I, over 5 billion  
20 gallons of flows that previously would have overflowed directly into rivers and  
21 Narragansett Bay have been stored and treated.

22 Construction of the CSO Phase II Facilities began in September 2011 and includes  
23 construction of two main interceptors, four sewer separation contracts and a wetlands  
24 treatment facility. This project has been split into fourteen separate contracts and all have  
25 been awarded. The project was substantially complete and the facilities became  
26 operational in December 2014. As of March 31, 2015, \$170.2 million has been spent and  
27 the project is approximately 95% complete. The project cost estimate carried in NBC's  
28 FY 2016-2020 Capital Improvement Program was \$215 million and NBC projects that it  
29 will finish the project under budget and is currently estimating a construction cost of  
30 \$186.6 million. Although I was involved in the design of the CSO Phase II Facilities, the  
31 construction management function is the responsibility of NBC's Director of

1 Construction Services. The following table shows the updated cost projections and  
 2 percent complete for the CSO Phase II Facilities:

As of Most Recent CIP Request

<u>Contract #</u>	<u>Project Name</u>	<u>Estimated/Actual Cost (In Thousands)</u>	<u>Percent Complete</u>
Contracts Completed:			
30309C	WCSOI Regulator	\$ 942	100%
30310C	Woonasquatucket CSO Interceptor- North	5,577	100%
30311C	Woonasquatucket CSO Interceptor- West	10,266	100%
30312C	SCSOI Regulator	736	100%
30313C	WCSOI Site Demo	122	100%
30314C	WCSOI OF 054	2,430	100%
<i>Subtotal - Contracts Completed</i>		20,073	100%
Contracts In-Progress:			
30301RS	Program and Construction Management	19,932	90%
30302C	OF 106 Facilities	5,518	99%
30303C	WCSOI Main	78,448	99%
30304C	SCSOI Main	20,906	99%
30305C	OF027 Sewer Separations	12,382	99%
30306C	OF 037 West	10,096	99%
30307C	Sewer Separation/Flow Modification OF-037 Sou	10,094	83%
30308C	Sewer Separation/Flow Modification OF-037 Noi	9,177	86%
<i>Subtotal - Contracts In-Progress</i>		166,553	89%
<b>Total - CSO Phase II Facilities</b>		<b>\$ 186,626</b>	<b>100%</b>

3

4 **Q. Can you please provide an update on the status and content of the CSO Phase III**  
 5 **reassessment?**

6 A. Certainly. As I testified to previously, NBC's Consent Agreement with RIDEM for the  
 7 CSO Program requires NBC to complete preliminary design of the Phase III CSO  
 8 facilities within one year of completion of construction of Phase II and final design one  
 9 year after approval of the preliminary design.

10 The CSO facilities to be built in Phase III are described in a Conceptual Design Report  
 11 Amendment (CDRA) approved by RIDEM nearly twenty years ago in 1998. These  
 12 facilities include a 13,000 foot long deep rock tunnel, five sewer separation projects and  
 13 three CSO Interceptors to convey flow to the Phase III tunnel. NBC initiated a  
 14 reevaluation of the Phase III facilities proposed in the CDRA to determine if there is a  
 15 more cost effective approach that could either reduce the cost or extend the schedule of  
 16 Phase III by employing new techniques and approaches that are now available,  
 17 specifically Integrated Planning, Affordability Analysis and Green Technology.

1 NBC issued a Request for Qualifications and Proposals (RFQ/P) on August 5, 2013 to  
2 solicit proposals for engineering services to conduct the Phase III Reevaluation. At their  
3 October 29, 2013 meeting, the Board authorized staff to negotiate a contract with MWH  
4 for engineering services for the Reevaluation of Phase III of the NBC CSO Program.  
5 NBC negotiated a contract with MWH and work began in January 2014. The scope of  
6 work for MWH included the following:

- 7 • Development of a sewer hydraulic model for the Bucklin Point Service Area to be  
8 used in design of the Phase III facilities;
- 9 • For each overflow, evaluation to determine if the recommended abatement method  
10 proposed in the CDRA is still the most cost effective, including an evaluation of  
11 green infrastructure alternatives, particularly where sewer separation is currently  
12 proposed, to reduce or eliminate storm water at its source;
- 13 • Evaluation of changes in water quality since Phase I went on line to determine if  
14 Phase III is still necessary, and if so, to determine if the facilities required now to  
15 meet water quality standards could be reduced in scope;
- 16 • Development of a cost estimate for Phase III, including the evaluation of the impact  
17 on sewer rates and conduct an affordability analysis based on Environmental  
18 Protection Agency (EPA) criteria and use an Integrated Planning Framework (IPF)  
19 approach to establish priorities
- 20 • Establishment of a Stakeholders Group to update them on progress to date and obtain  
21 input on the Phase III Reevaluation;
- 22 • Development of mapping of the project area to be used in design;
- 23 • Conducting a geotechnical investigations as needed for the Phase III facilities  
24 alternatives evaluation

25

26 **Q. What is the current status of this study?**

27 A. NBC held seven stakeholders meetings over the past twelve months. Copies of the  
28 agendas, presentations, minutes and summaries of the minutes of the Stakeholders

1 meetings are available on NBC's website at [www.narrabay.com](http://www.narrabay.com). As a result of MWH's  
2 study, four alternatives were developed including the original alternative included in the  
3 CDRA. Costs were also developed and an affordability analysis was completed for each  
4 of the alternatives.

5 In addition, there were four presentations made to NBC's Board of Commissioners on the  
6 alternatives, as well as water quality and affordability issues. At a January 6, 2015  
7 workshop, the Board eliminated one of the Alternatives from further consideration  
8 because of water quality considerations. The remaining alternatives range in cost from  
9 \$740 million to \$924 million in 2018 dollars. The Board has scheduled an additional  
10 workshop on April 27, 2015 and is expected to select an alternative at their April 28,  
11 2015 Board meeting.

12 **Q. Is there any possibility that NBC will not have to construct the CSO Phase III**  
13 **Facilities?**

14 A. Unless legislation is passed at the federal level, NBC will be legally required to proceed  
15 with Phase III in order to comply with federal law. If it is determined that the financial  
16 impact of the Phase III construction is burdensome based upon the EPA criteria, NBC  
17 may be able to modify the type of facilities to be constructed and/or build them over a  
18 longer period of time; however, financial impact will not alleviate the need for NBC to  
19 comply with the Clean Water Act and NBC's Consent Agreement with the RIDEM.  
20 Service area wide, based upon the weighted average median household income, the  
21 project would be a medium burden, meaning that according to EPA criteria, it is  
22 affordable. However, based upon the analysis performed by MWH, the project is  
23 considered a high burden for a large portion of NBC's service area on a census tract  
24 basis, particularly for the Cities of Providence, Pawtucket and Central Falls.

25

26 **Q. Has MWH completed their report?**

27 A. No. MWH will finalize its report once the Board selects an alternative. Results of the  
28 Alternatives Analysis and Affordability studies, however, were presented to both the  
29 Stakeholders and the Board of Commissioners and are available for review.

30

1 **Q. What is the timetable for design and construction of the CSO Phase III Facilities?**

2 A. Once NBC's Board of Commissioners selects an alternative, we expect to submit the  
3 final report to RIDEM for approval in June 2015. It is anticipated that RIDEM review of  
4 the proposed alternative will take approximately 6 months. Subsequent to approval, NBC  
5 will initiate preliminary design, a phase projected to last 18 months. Preliminary design  
6 plans will then be submitted to RIDEM and it is estimated that the RIDEM review will  
7 take six months. Upon approval of preliminary design plans by RIDEM, final design will  
8 be completed in another 18 months. Review and approval of the final design plans by  
9 RIDEM is expected to take 6 months. Construction is projected to begin in late 2019 or  
10 early 2020. The construction periods for the three alternatives range from seven to 30  
11 years.

12

13 **Q. Does this conclude your testimony?**

14 A. Yes.

Narragansett Bay Commission  
Capital Project Compliance Reporting  
Period Ending: December 31, 2014

Project	Actual / Projected Start Date	Actual / Projected Completion Date	Total Estimated Project Cost	Total Paid to Date	Percent Complete*
10907C - FP Blower Improvements	Aug-14	Jun-15	\$ 2,877,000	\$ 127,186	4.4%
1100000 - Site Specific Study	Nov-01	Dec-15	456,806	211,366	46.3%
1140100 - River Model Development	Mar-05	Jun-15	468,004	289,795	61.9%
1140200 - Receiving Water Compliance Study	Jan-15	Dec-16	300,000	-	0.0%
1140300 - Green House Gas Study	Oct-14	Oct-16	405,000	6,468	1.6%
11602D - FPWWTF Tunnel Pump Station Improvements - Design	Jun-13	May-15	68,000	4,885	7.2%
11602C - FPWWTF Tunnel Pump Station Improvements - Construction	Mar-15	Nov-15	663,000	-	0.0%
11900C - Regulatory Compliance Building - Construction	Jun-13	Oct-16	21,153,000	3,993,190	18.9%
12000C - BPWWTF - Biogas Reuse - Construction	Feb-15	Sep-16	5,617,000	-	0.0%
12400D - New IM Facilities - Design	Dec-15	May-17	557,000	-	0.0%
12400C - New IM Facilities - Construction	Sep-17	Jan-19	6,052,000	-	0.0%
12700C - FP Electrical Substation No. 1 -Construction	Jul-14	Nov-15	1,618,000	10,249	0.6%
12800P - Bucklin Point Solar Energy, Planning	Feb-15	Jul-15	54,980	-	0.0%
12800D - Bucklin Point Solar Energy, Design	Jul-15	Feb-16	166,000	-	0.0%
12800C - Bucklin Point Solar Energy, Construction	Jan-16	Jul-16	7,275,000	-	0.0%
30301RS - Phase II CSO Facilities Program & Construction Management	Sep-10	Nov-15	19,931,855	17,357,058	87.1%
30302C - Phase II CSO Facilities - OF 106	Mar-12	May-15	5,826,467	5,037,852	86.5%
30303C - Phase II CSO Facilities - WCSOI	Sep-11	Aug-15	78,448,134	67,888,865	86.5%
30304C - Phase II CSO Facilities - SCSOI Main	Feb-12	Jul-15	23,305,946	18,134,196	77.8%
30306C - Phase II CSO Facilities - OF 037 West	May-11	Mar-15	10,919,533	9,292,955	85.1%
30307C - Phase II CSO OF 037 South	Jan-13	Aug-15	11,489,822	6,513,489	56.7%
30308C - Phase II CSO OF 037 North	Feb-13	Jun-15	10,835,301	7,225,756	66.7%
30310C - Phase II CSO WCSOI North	Jun-11	Feb-15	9,277,000	5,421,354	58.4%
30400C - Repair and Construction of CSO Interceptors	Jul-01	Ongoing	1,500,000	-	0.0%
30400M - Inspection & Cleaning of CSO Interceptors	Jul-01	Ongoing	3,031,187	-	0.0%
30421C - Louisquisset Pike Interceptor Replacement - Construction	Jul-15	Ongoing	2,382,000	-	0.0%
30438C - Interceptor Easements - Construction	Nov-15	Jun-16	610,000	-	0.0%
30444D - Moshassuck Valley Interceptor - Design	Jan-12	Mar-15	385,268	188,499	48.9%
30444C - Moshassuck Valley Interceptor - Construction	Mar-15	Apr-16	3,373,000	-	0.0%
30457P- Providence River SiphonRehab-Planning	Mar-13	Mar-15	189,000	130,555	69.1%
30457D- Providence River SiphonRehab-Design	Feb-15	Jul-16	822,000	-	0.0%
30457C- Providence River SiphonRehab-Construction	Sep-16	May-18	5,853,000	-	0.0%
30458P - Douglas/Branch Avenue Interceptor Relief-Planning	May-13	Mar-16	80,000	6,100	7.6%
30458D - Douglas/Branch Avenue Interceptor Relief-Design	Jun-17	Oct-18	565,000	-	0.0%
30458C - Douglas/Branch Avenue Interceptor Relief-Construction	Nov-18	Sep-20	6,202,000	-	0.0%
30459C - Improvements to Interceptors FY 2015	May-14	Aug-15	658,000	13,435	2.0%
30470M - North Providence Interceptor Inspection	Apr-13	Jan-15	80,297	45,207	56.3%
30471M - 78' Interceptor off Allens Avenue	Mar-14	Apr-15	517,000	328,680	63.6%
30472M - Providence and Lincoln Interceptor Inspection and Cleaning	May-15	Oct-15	220,000	-	0.0%
30500D - NBC Interceptor Easements - Design	May-16	May-18	722,000	-	0.0%
30500C - NBC Interceptor Easements - Construction	Mar-18	Mar-19	632,000	-	0.0%
30501D - Interceptor Easements - NBC BVI Design	Jul-09	Dec-15	497,514	229,233	46.1%
30501C - Interceptor Easements - NBC BVI Construction	Sep-15	Apr-16	730,000	-	0.0%
30700D - NBC System-Wide Facilities Planning	Apr-15	Mar-17	511,000	-	0.0%
30800D - Phase III CSO Facilities - Design	Apr-13	Nov-17	38,706,000	1,075,774	2.8%
30800C - Phase III CSO Facilities - Construction	Jul-17	Aug-22	565,950,000	-	0.0%
80900C - BPWWTF - Nitrogen Removal Facilities - Construction	Jul-11	Mar-15	42,747,464	38,752,691	90.7%

\* Percent complete is calculated by dividing the Total Paid to Date by Total Estimated Project Cost.



**Narragansett Bay Commission Docket #4478  
Compliance Reporting on Restricted Accounts for FY 2015**

	Cash Receipts	Capital/Debt	Restricted Account	Debt	Debt Interest	Total Debt & Debt Interest	Debt Coverage	Special Master	Operating Reserve for Revenue Stability Fund
Percentage		0.000%	0.000%						
Receipts:									
Beginning Balance		897,160.57	18,612,992.23			29,866,953.72	12,890,325.60	161,678.50	4,503,512.94
<b>*8/26/2014</b>		<b>2,374,086.54</b>	<b>10,707,621.96</b>				<b>(13,081,708.50)</b>		
**3/20/2015									(3,701.41)
***3/26/2015							11,408.75		
		3,271,247.11	29,320,614.19	0.00	0.00	29,866,953.72	(179,974.15)	161,678.50	4,499,811.53
July-14	8,418,627.18	6.76	95.87	4,003,899.09	202.19	4,004,101.28	1,000,974.77	0.84	23.31
August-14	6,941,429.47	6.95	102.93	3,301,343.86	201.93	3,301,545.79	825,335.96	0.84	23.31
September-14	8,866,244.39	15.93	141.75	4,216,785.83	24.42	4,216,810.25	1,054,196.46	0.81	22.56
October-14	8,180,403.78	15.87	145.29	3,825,974.85	40.27	3,826,015.12	956,289.20	0.84	23.32
November-14	7,724,842.91	14.27	139.76	3,612,909.03	65.11	3,612,974.14	903,034.14	0.81	22.56
December-14	9,515,631.66	16.18	179.24	4,450,460.93	111.45	4,450,572.38	1,112,377.34	1.04	29.03
January-15	7,138,369.77	11.83	143.04	3,338,615.54	114.69	3,338,730.23	834,475.43	0.84	23.32
February-15	6,364,358.33	9.67	128.63	2,976,610.39	124.01	2,976,734.40	743,993.49	0.76	21.06
<b>March-15</b>	9,090,663.12	9.66	141.59	4,251,703.14	122.53	4,251,825.67	1,062,698.52	0.84	23.31
April-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
May-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
June-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	72,240,570.61	3,271,354.23	29,321,832.29	33,978,302.66	1,006.60	63,846,262.98	8,313,401.16	161,686.12	4,500,023.31
Expenses:									
July-14		69,707.39	193,264.32			16,322.70	-	-	-
August-14		114,027.51	618,713.31			2,176,059.86	-	-	-
September-14		169,998.52	245,218.61			29,466,780.86	-	-	-
October-14		350,985.36	212,729.19			377,376.57	-	-	-
November-14		246,778.63	188,906.21			2,361.10	-	-	-
December-14		217,324.81	73,689.20			16,208.86	-	-	-
January-15		192,728.19	227,497.73			100,315.91	-	-	-
February-15		231,024.05	56,000.65			1,035,183.21	-	-	-
<b>March-15</b>		159,696.35	203,591.55			7,208,334.98	-	-	-
April-15		0.00	0.00			-	-	-	-
May-15		0.00	0.00			-	-	-	-
June-15		0.00	0.00			-	-	-	-
		1,752,270.81	2,019,610.77			40,398,944.05	-	-	-
Balance		\$ 1,519,083.42	\$ 27,302,221.52			\$ 23,447,318.93	\$ 8,313,401.16	\$ 161,686.12	\$ 4,500,023.31

\* Transfer of funds for FINAL Carryover for 2015

\*Docket 4364 Effective August 2013. Starting November 2013, percentage applied to total Revenue and not only Customer Service.

Debt	47.56
Debt Coverage	11.89
	59.45

\*Docket 4352 effective February 2013: Debt % 48.95  
Debt Coverage % 12.23

\*Docket 4478 effective October, 2014: Debt % 46.77  
Debt Coverage % 11.69

\*Docket 4364 effective August 2013: Debt % 49.13  
Debt Coverage % 12.28

\*\*Transfer of interest from Operating Reserve for Revenue Stability account to Revenue Fund Checking account.

\*\*\*Balance in account for Revbond 2014 Series B COI transferred to Stabilization account on 3/26/2015.