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September 22, 2016

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


**Re: City of Newport, Utilities Department, Water Division
Docket 4595**

Dear Ms. Massaro:

Enclosed herewith please find an original and nine copies of Newport Water's compliance filing in the above captioned docket, which includes the Compliance Schedules and proposed revised Tariffs. These documents are being submitted pursuant to Rule 2.11 of the Rhode Island Public Utilities Commission's Rules of Practice and Procedure, and an electronic copy of this filing has been provided to the service list.

I am also requesting that the Commission extend the suspension period for one week until September 29, 2016. In its decision, the Commission ordered Newport to transfer funds from the restricted electric and salary increase account to offset the rate increase. However, this is only a one time transfer of \$242,247. This results in a built-in deficit of \$242,247 in Fiscal Year 2018. Newport has two options to address this deficit – file a new rate case immediately for Fiscal Year 2018, or file a Motion to Reopen Proceedings. Before Newport pursues either option, it would like a chance to discuss this issue with the other parties in this Docket. An extension of the suspension date will allow Newport to initiate these discussions.

Thank you for your attention to this matter.

Sincerely,

Joseph A. Keough, Jr.

JAK/kf
Enclosures
cc: Service List via electronic mail

Rhode Island Public Utilities Commission
Docket 4595
FY 2017 Rate Filing

Index of Model Schedules

Summary Schedules

HJS Schedule A-1A Compliance	A-1A Compliance Revenue Requirements
HJS Schedule A-1B Compliance	A-1B Compliance Revenue Requirements by Account
HJS Schedule A-2 Compliance	A-2 Compliance Cost of Service Rates and Charges
HJS Schedule A-3 Compliance	A-3 Compliance Bill Impacts
HJS Schedule A-4 Compliance	A-4 Compliance Revenue Proof

COS Model Schedules

HJS Schedule B-1 Compliance	B-1 Compliance Base Extra Capacity Cost Allocations
HJS Schedule B-2 Compliance	B-2 Compliance Allocation of Costs to Water Rate Classes
HJS Schedule B-3 Compliance	B-3 Compliance Cost Allocation Bases
HJS Schedule B-4 Compliance	B-4 Compliance Allocation Analyses
HJS Schedule B-5 Compliance	B-5 Compliance Capital Functionalization
HJS Schedule B-6 Compliance	B-6 Compliance Water Demand History
HJS Schedule B-7 Compliance	B-7 Compliance Water Production Peaking Analysis
HJS Schedule B-8 Compliance	B-8 Compliance Billed Demand Peaking Analysis: Determination of Customer Class Peaking Factors
HJS Schedule B-9 Compliance	B-9 Compliance System Demands Imposed by Each Customer Class' Peaking Behavior
HJS Schedule B-10 Compliance	B-10 Compliance Summary of Peak Load Distributions (by Rate Class and Base/Extra-Capacity Categories)
HJS Schedule B-11 Compliance	B-11 Compliance Fire Protection Demand Analysis

Supporting Data

HJS Schedule D-1 Compliance	D-1 Compliance Water Accounts, by Size and Class
HJS Schedule D-2 Compliance	D-2 Compliance Fire Protection Accounts
HJS Schedule D-3 Compliance	D-3 Compliance Production Summary
HJS Schedule D-4 Compliance	D-4 Compliance Demand Summary
HJS Schedule D-5 Compliance	D-5 Compliance Development of Pumping Costs
HJS Schedule D-6 Compliance	D-6 Compliance Debt Service Restricted Account Cashflow
HJS Schedule D-7 Compliance	D-7 Compliance Demand Factor Calculations
HJS Schedule D-8 Compliance	D-8 Compliance Comparison with Gradualism
HJS Schedule D-9 Compliance	D-9 Compliance Expense Detail - Administration
HJS Schedule D-10 Compliance	D-10 Compliance Expense Detail - Customer Service
HJS Schedule D-11 Compliance	D-11 Compliance Expense Detail - Source of Supply - Island
HJS Schedule D-12 Compliance	D-12 Compliance Expense Detail - Source of Supply - Mainland
HJS Schedule D-13 Compliance	D-13 Compliance Expense Detail - Station One
HJS Schedule D-14 Compliance	D-14 Compliance Expense Detail - Lawton Valley
HJS Schedule D-15 Compliance	D-15 Compliance Expense Detail - Laboratory
HJS Schedule D-16 Compliance	D-16 Compliance Expense Detail - Distribution
HJS Schedule D-17 Compliance	D-17 Compliance Expense Detail - Fire Protection

Account
O&M COSTS
Administration

		Test Year (FY2015)	Test Year Normalizing Adjustments	Normalized Test Year	Rate Year Adjustments	Proposed Rate Year - FY2017
50001	Salaries & Wages	\$ 262,222	\$ -	\$ 262,222	\$ 19,360	\$ 281,582
	AFSCME retro	-	\$ -	\$ -	\$ -	-
	NEA retro	-	\$ -	\$ -	\$ -	-
	AFSCME benefits on retro pay	-	\$ -	\$ -	\$ -	-
	NEA benefits on retro pay	-	\$ -	\$ -	\$ -	-
50044	Standby Salaries	12,528	\$ -	\$ 12,528	\$ 6,192	18,720
50520	Accrued Benefits Buyout	15,500	\$ -	\$ 15,500	\$ (15,500)	-
50100	Employee Benefits	110,408	\$ -	\$ 110,408	\$ 5,275	115,683
50103	Retiree Insurance Coverage	351,563	\$ -	\$ 351,563	\$ (86,563)	265,000
50105	Workers Compensation	59,456	\$ -	\$ 59,456	\$ 4,544	64,000
50175	Annual Leave Buyback	3,260	\$ -	\$ 3,260	\$ 40	3,300
50207	Advertisement	4,041	\$ -	\$ 4,041	\$ 4,959	9,000
50210	Membership Dues & Subscriptions	4,447	\$ -	\$ 4,447	\$ (1,947)	2,500
50212	Conferences & Training	868	\$ -	\$ 868	\$ 3,132	4,000
50214	Tuition Reimbursement	-	\$ -	\$ -	\$ 2,000	2,000
50220	Consultant Fees	210,410	\$ -	\$ 210,410	\$ (73,532)	136,878
50238	Postage	360	\$ -	\$ 360	\$ 640	1,000
50239	Fire & Liability Insurance	16,853	\$ -	\$ 16,853	\$ 50,147	67,000
50251	Telephone & Communication	5,569	\$ -	\$ 5,569	\$ 31	5,600
50305	Water	1,275	\$ -	\$ 1,275	\$ 740	2,015
50306	Electricity	10,121	\$ -	\$ 10,121	\$ (2,165)	7,956
50307	Natural Gas	5,918	\$ -	\$ 5,918	\$ (692)	5,226
50308	Property Taxes	464,200	\$ -	\$ 464,200	\$ 103,570	567,770
50266	Legal & Administrative		\$ -	\$ -	\$ -	-
	Audit Fees	4,349	\$ -	\$ 4,349	\$ 162	4,511
	OPEB Contribution		\$ -	\$ -	\$ 27,648	27,648
	City Council	4,649	\$ -	\$ 4,649	\$ (1,494)	3,155
	City Clerk	3,381	\$ -	\$ 3,381	\$ 1,028	4,409
	City Manager	54,131	\$ -	\$ 54,131	\$ 33,885	88,016
	Human Resources	30,121	\$ -	\$ 30,121	\$ (24,195)	5,926
	City Solicitor	20,459	\$ -	\$ 20,459	\$ 5,637	26,096
	Finance Adimistrative 50%	19,822	\$ -	\$ 19,822	\$ 11,748	31,570
	Finance Adimistrative 5%	7,020	\$ -	\$ 7,020	\$ (3,819)	3,201
	Finance Admin 10% Inv/Debt		\$ -	\$ -	\$ 14,359	14,359
	Purchasing	18,314	\$ -	\$ 18,314	\$ 2,289	20,603
	Assessment					-
	Collections	46,979	\$ -	\$ 46,979	\$ (2,796)	44,183
75543	Accounting - Wires - 5%	10,679	\$ -	\$ 10,679	\$ (1,223)	9,456
	Accounting	70,516	\$ -	\$ 70,516	\$ (19,800)	50,716
	Facilities Maintenance	13,266	\$ -	\$ 13,266	\$ (13,266)	-
50267	Data Processing	143,888	\$ -	\$ 143,888	\$ 87,273	231,161
50268	Mileage Allowance	875	\$ -	\$ 875	\$ 1,125	2,000
50271	Gasoline & Vehicle Allowance	9,354	\$ -	\$ 9,354	\$ (3,965)	5,389
50275	Repairs & Maintenance	-	\$ -	\$ -	\$ 1,200	1,200
50280	Regulatory Expense	590	\$ -	\$ 590	\$ 4,410	5,000
50281	Regulatory Assessment	79,698	\$ -	\$ 79,698	\$ 302	80,000
50361	Office Supplies	14,469	\$ -	\$ 14,469	\$ 531	15,000
50505	Self Insurance	118	\$ -	\$ 118	\$ 4,882	5,000
50515	Unemployment Claims	-	\$ -	\$ -	\$ -	-
	Subtotal:	\$ 2,091,677	\$ -	\$ 2,091,677	\$ 146,151	\$ 2,237,828

Account

Customer Service

50001	Salaries & Wages
50002	Overtime
	Collections
50004	Temp Salaries
50056	Injury Pay
50100	Employee Benefits
50120	Bank Fees (lock box)
50175	Annual Leave Buyback
50205	Copying & binding
50212	Conferences & Training
50225	Support Services
50238	Postage
50271	Gasoline & Vehicle Allowance
50275	Repairs & Maintenance
50299	Meter Maintenance
50311	Operating Supplies
50320	Uniforms & protective Gear
50380	Customer Service Supplies

Subtotal:

Source of Supply - Island

50001	Salaries & Wages
50002	Overtime
50004	Temp Salaries
50056	Injury Pay
50100	Employee Benefits
50175	Annual Leave Buyback
50306	Electricity
50271	Gas/Vehicle Maintenance
50275	Repairs & Maintenance
50277	Reservoir Maintenance
50311	Operating Supplies
50320	Uniforms & protective Gear
50335	Chemicals

Subtotal:

Source of Supply - Mainland

50002	Overtime
50004	Temp Salaries
50005	Permanent Part time
50100	Employee Benefits
50306	Electricity
50275	Repairs & Maintenance
50277	Reservoir Maintenance
50311	Operating Supplies

Subtotal:

Test Year (FY2015)	Test Year Normalizing Adjustments	Normalized Test Year	Rate Year Adjustments	Proposed Rate Year - FY2017
\$ 263,080	\$ -	\$ 263,080	\$ 46,230	\$ 309,310
116	\$ -	116	\$ 5,293	5,409
	\$ -	-	\$ -	-
18,831	\$ -	18,831	\$ (3,855)	14,976
-	\$ -	-	\$ -	-
149,435	\$ -	149,435	\$ 36,796	186,231
13,711	\$ -	13,711	\$ 3,089	16,800
4,531	\$ -	4,531	\$ (31)	4,500
511	\$ -	511	\$ (11)	500
(263)	\$ -	(263)	\$ 5,263	5,000
32,784	\$ -	32,784	\$ (6,609)	26,175
57,265	\$ -	57,265	\$ 17,415	74,680
39,667	\$ -	39,667	\$ (12,722)	26,945
33,449	\$ -	33,449	\$ 1,551	35,000
7,734	\$ -	7,734	\$ 2,266	10,000
3,658	\$ -	3,658	\$ 1,342	5,000
957	\$ -	957	\$ 43	1,000
166	\$ -	166	\$ 4,834	5,000
\$ 625,632	\$ -	\$ 625,632	\$ 100,894	\$ 726,526
\$ 321,324	\$ -	321,324	\$ (11,374)	\$ 309,950
36,123	\$ -	36,123	\$ (3,123)	33,000
-	\$ -	-	\$ 26,180	26,180
-	\$ -	-	\$ -	-
185,081	\$ -	185,081	\$ (10,804)	174,277
3,783	\$ -	3,783	\$ 17	3,800
38,527	\$ -	38,527	\$ 11,353	49,880
63,620	\$ -	63,620	\$ (4,341)	59,279
11,633	\$ -	11,633	\$ (1,633)	10,000
16,236	\$ -	16,236	\$ (236)	16,000
2,802	\$ -	2,802	\$ 4,698	7,500
935	\$ -	935	\$ 575	1,510
72,671	\$ -	72,671	\$ (5,871)	66,800
\$ 752,735	\$ -	\$ 752,735	\$ 5,441	\$ 758,176
\$ 13,513	\$ -	13,513	\$ (1,903)	\$ 11,610
18,784	\$ -	18,784	\$ 11,212	29,996
14,200	\$ -	14,200	\$ (1,300)	12,900
6,453	\$ -	6,453	\$ (3,928)	2,525
122,917	\$ -	122,917	\$ 31,507	154,424
13,908	\$ -	13,908	\$ (6,908)	7,000
-	\$ -	-	\$ 4,500	4,500
236	\$ -	236	\$ 764	1,000
\$ 190,011	\$ -	\$ 190,011	\$ 33,944	\$ 223,955

Account

Station One

50001	Salaries & Wages
50002	Overtime
50003	Holiday Pay
50045	Lead Plant Operator Stipend
50100	Employee Benefits
50175	Annual Leave Buyback
50212	Conferences & Training
50239	Fire & Liability Insurance
50306	Electricity
50307	Natural Gas
50260	Rental of Equipment
50305	Sewer Charge
50271	Gas/Vehicle Maintenance
50275	Repairs & Maintenance
50311	Operating Supplies
50320	Uniforms & protective Gear
50335	Chemicals

Subtotal:

Lawton Valley

50001	Salaries & Wages
50002	Overtime
50003	Holiday Pay
50045	Lead Plant Operator Stipend
50100	Employee Benefits
50175	Annual Leave Buyback
50212	Conferences & Training
50239	Fire & Liability Insurance
50306	Electricity
50307	Natural Gas
50260	Rental of Equipment
50305	Sewer Charge
50271	Gas/Vehicle Maintenance
50275	Repairs & Maintenance
50311	Operating Supplies
50320	Uniforms & protective Gear
50335	Chemicals

Subtotal:

Laboratory

50001	Salaries & Wages
50100	Employee Benefits
50175	Annual Leave Buyback
50275	Repairs & Maintenance
50281	Regulatory Assessment
50339	Laboratory Supplies

Subtotal:

Test Year (FY2015)	Test Year Normalizing Adjustments	Normalized Test Year	Rate Year Adjustments	Proposed Rate Year - FY2017
\$ 519,694	\$ -	\$ 519,694	\$ (8,619)	\$ 511,075
110,009	\$ -	110,009	(7,069)	102,940
18,936	\$ -	18,936	3,096	22,032
6,627	\$ -	6,627	5,853	12,480
296,163	\$ -	296,163	(32,226)	263,937
11,785	\$ -	11,785	215	12,000
1,049	\$ -	1,049	3,451	4,500
60,531	\$ -	60,531	(25,531)	35,000
207,037	\$ -	207,037	5,447	212,484
43,410	\$ -	43,410	-	43,410
922	\$ -	922	78	1,000
108,472	\$ -	108,472	95,528	204,000
9,831	\$ -	9,831	(4,442)	5,389
9,738	\$ -	9,738	57,254	66,992
18,895	\$ -	18,895	(1,734)	17,161
1,027	\$ -	1,027	399	1,426
350,158	\$ -	350,158	16,157	366,315
\$ 1,774,284	\$ -	\$ 1,774,284	\$ 107,857	\$ 1,882,141
\$ 449,625	\$ -	\$ 449,625	\$ 48,916	\$ 498,541
98,692	\$ -	98,692	211	98,903
15,904	\$ -	15,904	4,088	19,992
7,830	\$ -	7,830	4,650	12,480
273,138	\$ -	273,138	5,096	278,234
7,368	\$ -	7,368	32	7,400
850	\$ -	850	3,270	4,120
93,577	\$ -	93,577	(39,577)	54,000
310,343	\$ -	310,343	64,748	375,091
34,663	\$ -	34,663	-	34,663
722	\$ -	722	278	1,000
358,682	\$ -	358,682	151,318	510,000
7,482	\$ -	7,482	(2,093)	5,389
19,922	\$ -	19,922	41,634	61,556
8,971	\$ -	8,971	4,340	13,311
1,539	\$ -	1,539	(236)	1,303
262,215	\$ -	262,215	66,452	328,667
\$ 1,951,523	\$ -	\$ 1,951,523	\$ 353,128	\$ 2,304,651
\$ 114,425	\$ -	\$ 114,425	\$ 6,754	\$ 121,179
54,984	\$ -	54,984	210	55,194
1,560	\$ -	1,560	(60)	1,500
256	\$ -	256	1,444	1,700
47,696	\$ -	47,696	(672)	47,024
16,924	\$ -	16,924	18,703	35,627
\$ 235,845	\$ -	\$ 235,845	\$ 26,379	\$ 262,224

Account

Transmission & Distribution

50001 Salaries & Wages
50002 Overtime
50004 Temp Salaries
50056 Injury Pay
50100 Employee Benefits
50175 Annual Leave Buyback
50212 Conferences & Training
50225 Contract Services
50239 Fire & Liability Insurance
50306 Electricity
50260 Heavy Equipment Rental
50271 Gas/Vehicle Maintenance
50275 Repairs & Maintenance
50276 Main Maintenance
50296 Service Maintenance
50311 Operating Supplies
50320 Uniforms & protective Gear

Subtotal:

Fire Protection

50275 Repair & Maintenance - Equipment

Subtotal:

Total O&M Costs

Test Year (FY2015)	Test Year Normalizing Adjustments	Normalized Test Year	Rate Year Adjustments	Proposed Rate Year - FY2017
\$ 437,907	\$ -	\$ 437,907	\$ 77,312	\$ 515,219
48,703	\$ -	48,703	3,661	52,364
18,106	\$ -	18,106	8,074	26,180
-	\$ -	-	-	-
259,991	\$ -	259,991	52,315	312,306
7,484	\$ -	7,484	16	7,500
1,776	\$ -	1,776	2,224	4,000
10,524	\$ -	10,524	11,001	21,525
20,061	\$ -	20,061	(8,061)	12,000
34,641	\$ -	34,641	(14,034)	20,607
10,706	\$ -	10,706	(2,446)	8,260
93,222	\$ -	93,222	(23,165)	70,057
28,521	\$ -	28,521	(2,521)	26,000
94,546	\$ -	94,546	(3,346)	91,200
28,090	\$ -	28,090	1,910	30,000
4,964	\$ -	4,964	3,036	8,000
1,725	\$ -	1,725	2,275	4,000
\$ 1,100,967	\$ -	\$ 1,100,967	\$ 108,251	\$ 1,209,218
\$ 11,585	\$ -	\$ 11,585	\$ 12,215	\$ 23,800
\$ 11,585	\$ -	\$ 11,585	\$ 12,215	\$ 23,800
\$ 8,734,259	\$ -	\$ 8,734,259	\$ 894,262	\$ 9,628,521

Account

CAPITAL COSTS

Contribution to Capital Spending Acct.
Contribution to Debt Service Acct.
Total Capital Costs

Operating Revenue Allowance

Total Costs before Offsets

OFFSETS

Nonrate Revenues

Sundry charges
WPC cost share on customer service
Middletown cost share on customer service
Rental of Property
Water Penalty
Miscellaneous and Contributions from Reserves¹
Investment Interest Income
Water Quality Protection Fees
Total Nonrate Revenues

Net Costs to Be Recovered through Rates

Test Year (FY2015)	Test Year Normalizing Adjustments	Normalized Test Year	Rate Year Adjustments	Proposed Rate Year - FY2017
\$2,508,830	(\$235,664)	\$2,273,166	\$ 226,834	\$ 2,500,000
\$6,810,996	\$ 4	\$ 6,811,000	\$ -	\$ 6,811,000
\$ 9,319,826	\$ (235,660)	\$ 9,084,166	\$ 226,834	\$ 9,311,000
\$ 262,028	\$ (1,469)	\$ 260,558	\$ (116,131)	\$ 144,428
\$18,316,113	\$ (237,130)	\$ 18,078,983	\$ 1,004,965	\$ 19,083,948
\$ 147,125	\$ -	\$ 147,125	\$ (20,875)	\$ 126,250
291,365	\$ -	291,365	\$ 38,635	330,000
146,895	\$ -	146,895	\$ 20,105	167,000
91,893	\$ -	91,893	\$ 3,307	95,200
54,474	\$ -	54,474	\$ (3,274)	51,200
7,853	\$ -	7,853	\$ 234,394	242,247
3,090	\$ -	3,090	\$ (1,840)	1,250
23,638	\$ -	23,638	\$ (1,388)	22,250
\$ 766,333	\$ -	\$ 766,333	\$ 269,064	\$ 1,035,397
\$17,549,780	\$ (237,130)	\$ 17,312,650	\$ 735,901	\$ 18,048,551

1-Transfers from the Electricity and Payroll Restricted accounts are one time only transfers.

Rhode Island Public Utilities Commission
Docket 4595
FY 2017 Rate Filing
HJS Schedule A-1B Compliance
Revenue Requirements by Account

		Test Year (FY2015)	Test Year Normalizing Adjustments	Normalized Test Year	Rate Year Adjustments	Proposed Rate Year - FY2017
50001	Salaries & Wages	\$ 2,368,277	\$ -	\$ 2,368,277	\$ 178,579	\$ 2,546,856
50002	Overtime	\$ 307,156	\$ -	\$ 307,156	\$ (2,929)	\$ 304,227
50003	Holiday Pay	\$ 34,840	\$ -	\$ 34,840	\$ 7,184	\$ 42,024
50004	Temp Salaries	\$ 55,721	\$ -	\$ 55,721	\$ 41,612	\$ 97,333
50005	Permanent Part time	\$ 14,200	\$ -	\$ 14,200	\$ (1,300)	\$ 12,900
50044	Standby Salaries	\$ 12,528	\$ -	\$ 12,528	\$ 6,192	\$ 18,720
50045	Lead Plant Operator Stipend	\$ 14,457	\$ -	\$ 14,457	\$ 10,503	\$ 24,960
50056	Injury Pay	\$ -	\$ -	\$ -	\$ -	\$ -
50100	Employee Benefits	\$ 1,335,653	\$ -	\$ 1,335,653	\$ 52,734	\$ 1,388,387
50103	Retiree Insurance Coverage	\$ 351,563	\$ -	\$ 351,563	\$ (86,563)	\$ 265,000
50105	Workers Compensation	\$ 59,456	\$ -	\$ 59,456	\$ 4,544	\$ 64,000
50120	Bank Fees (lock box)	\$ 13,711	\$ -	\$ 13,711	\$ 3,089	\$ 16,800
50175	Annual Leave Buyback	\$ 39,771	\$ -	\$ 39,771	\$ 229	\$ 40,000
50205	Copying & binding	\$ 511	\$ -	\$ 511	\$ (11)	\$ 500
50207	Advertisement	\$ 4,041	\$ -	\$ 4,041	\$ 4,959	\$ 9,000
50210	Membership Dues & Subscriptions	\$ 4,447	\$ -	\$ 4,447	\$ (1,947)	\$ 2,500
50212	Conferences & Training	\$ 4,280	\$ -	\$ 4,280	\$ 17,340	\$ 21,620
50214	Tuition Reimbursement	\$ -	\$ -	\$ -	\$ 2,000	\$ 2,000
50220	Consultant Fees	\$ 210,410	\$ -	\$ 210,410	\$ (73,532)	\$ 136,878
50225	Support Services/Contract Services	\$ 43,308	\$ -	\$ 43,308	\$ 4,392	\$ 47,700
50238	Postage	\$ 57,625	\$ -	\$ 57,625	\$ 18,055	\$ 75,680
50239	Fire & Liability Insurance	\$ 191,022	\$ -	\$ 191,022	\$ (23,022)	\$ 168,000
50251	Telephone & Communication	\$ 5,569	\$ -	\$ 5,569	\$ 31	\$ 5,600
50260	Rental of Equipment	\$ 12,350	\$ -	\$ 12,350	\$ (2,090)	\$ 10,260
50266	Legal & Administrative	\$ 303,686	\$ -	\$ 303,686	\$ 30,162	\$ 333,848
50267	Data Processing	\$ 143,888	\$ -	\$ 143,888	\$ 87,273	\$ 231,161
50268	Mileage Allowance	\$ 875	\$ -	\$ 875	\$ 1,125	\$ 2,000
50271	Gasoline & Vehicle Allowance	\$ 223,176	\$ -	\$ 223,176	\$ (50,728)	\$ 172,448
50275	Repairs & Maintenance	\$ 129,012	\$ -	\$ 129,012	\$ 104,236	\$ 233,248
50276	Main Maintenance	\$ 94,546	\$ -	\$ 94,546	\$ (3,346)	\$ 91,200
50277	Reservoir Maintenance	\$ 16,236	\$ -	\$ 16,236	\$ 4,264	\$ 20,500
50280	Regulatory Expense	\$ 590	\$ -	\$ 590	\$ 4,410	\$ 5,000
50281	Regulatory Assessment	\$ 127,394	\$ -	\$ 127,394	\$ (370)	\$ 127,024
50296	Service Maintenance	\$ 28,090	\$ -	\$ 28,090	\$ 1,910	\$ 30,000
50299	Meter Maintenance	\$ 7,734	\$ -	\$ 7,734	\$ 2,266	\$ 10,000
50305	Water/Sewer Charge	\$ 468,429	\$ -	\$ 468,429	\$ 247,586	\$ 716,015
50306	Electricity	\$ 723,586	\$ -	\$ 723,586	\$ 96,856	\$ 820,442
50307	Natural Gas	\$ 83,991	\$ -	\$ 83,991	\$ (692)	\$ 83,299
50308	Property Taxes	\$ 464,200	\$ -	\$ 464,200	\$ 103,570	\$ 567,770
50311	Operating Supplies	\$ 39,526	\$ -	\$ 39,526	\$ 12,446	\$ 51,972
50320	Uniforms & protective Gear	\$ 6,183	\$ -	\$ 6,183	\$ 3,056	\$ 9,239
50335	Chemicals	\$ 685,044	\$ -	\$ 685,044	\$ 76,738	\$ 761,782
50339	Laboratory Supplies	\$ 16,924	\$ -	\$ 16,924	\$ 18,703	\$ 35,627
50361	Office Supplies	\$ 14,469	\$ -	\$ 14,469	\$ 531	\$ 15,000
50380	Customer Service Supplies	\$ 166	\$ -	\$ 166	\$ 4,834	\$ 5,000
50505	Self Insurance	\$ 118	\$ -	\$ 118	\$ 4,882	\$ 5,000
50515	Unemployment Claims	\$ -	\$ -	\$ -	\$ -	\$ -
50520	Accrued Benefits Buyout	\$ 15,500	\$ -	\$ 15,500	\$ (15,500)	\$ -
60001	Hydrant Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -
Total		8,734,259	-	8,734,259	894,262	9,628,521

Rhode Island Public Utilities Commission

Docket 4595

FY 2017 Rate Filing

HJS Schedule A-2 Compliance

Cost of Service Rates and Charges

		Docket 4355 Rates	Cost of Service	Proposed Rates	% Change	Projected Revenues
Base Charge (per bill)						
Monthly						
5/8	\$	4.89	\$ 5.0155	\$ 5.02	3%	\$647,520
3/4	\$	5.01	5.2624	5.27	5%	157,847
1	\$	6.07	7.0293	7.03	16%	47,832
1.5	\$	8.78	11.3224	11.33	29%	51,121
2	\$	11.35	15.8520	15.86	40%	50,054
3	\$	25.22	41.7083	41.71	65%	29,030
4	\$	28.90	49.1145	49.12	70%	9,431
5	\$	33.80	58.9894	58.99	75%	0
6	\$	37.48	66.3956	66.40	77%	25,498
8	\$	47.29	86.1456	86.15	82%	1,034
10	\$	65.07	121.9423	121.95	87%	1,463
Portsmouth Base Charge (4")	\$	2.86	1.3534	1.36	-52%	16
						1,020,846
Volume Charge (per 1,000 gallons)						
Retail						
Residential	\$	10.02	\$ 10.0152	\$ 10.02	0%	6,625,444
Non-Residential	\$	11.22	\$ 11.2141	\$ 11.22	0%	5,129,840
						\$ 11,755,285
Wholesale						
Navy	\$	6.5189	\$ 6.5189	\$ 6.5190	0%	1,610,701
Portsmouth Water & Fire District	\$	5.1507	\$ 5.2920	\$ 5.2920	3%	2,290,282
						\$ 3,900,983
Fire Protection						
Public (per hydrant)	\$	944.22	\$ 944.22	\$ 944.22	0%	\$ 981,045
Private (by Connection Size)						
Connection Size	Existing Charge					
<2		\$25.99	\$ 33.25	\$ 33.26	28%	
2	6.19	\$108.85	\$ 139.26	\$ 139.26	28%	-
4	38.32	\$399.08	\$ 468.21	\$ 468.22	17%	34,648
6	111.31	\$951.11	\$ 1,055.80	\$ 1,055.81	11%	248,115
8	237.21	\$1,903.25	\$ 2,069.27	\$ 2,069.28	9%	113,810
10	426.58	\$3,335.46	\$ 3,593.74	\$ 3,593.75	8%	-
12	689.04	\$5,320.45	\$ 5,706.60	\$ 5,706.61	7%	-
						\$ 396,574
Total Projected Rate Revenues						\$ 18,054,733

Customer Class	Proposed 5/8 Inch Meter					Proposed 3/4 Inch Meter				Proposed 1 Inch Meter				Proposed 1.5 Inch Meter				Proposed 2 Inch Meter				Proposed 3 Inch Meter			
	Consumption per Bill (gallons)	Annual Bill at Current Rates	Annual Bill at Proposed Rates	Dollar Change	Percent Change	Annual Bill at Current Rates	Annual Bill at Proposed Rates	Dollar Change	Percent Change	Annual Bill at Current Rates	Annual Bill at Proposed Rates	Dollar Change	Percent Change	Annual Bill at Current Rates	Annual Bill at Proposed Rates	Dollar Change	Percent Change	Annual Bill at Current Rates	Annual Bill at Proposed	Dollar Change	Percent Change	Annual Bill at Current Rates	Annual Bill at Proposed	Dollar Change	Percent Change
Residential (Monthly)	1,000	\$178.92	\$180.48	\$1.56	0.9%	\$180.36	\$183.48	\$3.12	1.7%	\$193.08	\$204.60	\$11.52	6.4%	\$225.60	\$256.20	\$30.60	17.1%	\$256.44	\$310.56	\$54.12	30.2%	\$422.88	\$620.76	\$197.88	110.6%
	2,000	\$299.16	\$300.72	\$1.56	0.5%	\$300.60	\$303.72	\$3.12	1.0%	\$313.32	\$324.84	\$11.52	3.9%	\$345.84	\$376.44	\$30.60	10.2%	\$376.68	\$430.80	\$54.12	18.1%	\$543.12	\$741.00	\$197.88	66.1%
	4,000	\$539.64	\$541.20	\$1.56	0.3%	\$541.08	\$544.20	\$3.12	0.6%	\$553.80	\$565.32	\$11.52	2.1%	\$586.32	\$616.92	\$30.60	5.7%	\$617.16	\$671.28	\$54.12	10.0%	\$783.60	\$981.48	\$197.88	36.7%
	5,000	\$659.88	\$661.44	\$1.56	0.2%	\$661.32	\$664.44	\$3.12	0.5%	\$674.04	\$685.56	\$11.52	1.7%	\$706.56	\$737.16	\$30.60	4.6%	\$737.40	\$791.52	\$54.12	8.2%	\$903.84	\$1,101.72	\$197.88	30.0%
	7,500	\$960.48	\$962.04	\$1.56	0.2%	\$961.92	\$965.04	\$3.12	0.3%	\$974.64	\$986.16	\$11.52	1.2%	\$1,007.16	\$1,037.76	\$30.60	3.2%	\$1,038.00	\$1,092.12	\$54.12	5.6%	\$1,204.44	\$1,402.32	\$197.88	20.6%
	10,000	\$1,261.08	\$1,262.64	\$1.56	0.1%	\$1,262.52	\$1,265.64	\$3.12	0.2%	\$1,275.24	\$1,286.76	\$11.52	0.9%	\$1,307.76	\$1,338.36	\$30.60	2.4%	\$1,338.60	\$1,392.72	\$54.12	4.3%	\$1,505.04	\$1,702.92	\$197.88	15.7%
	15,000	\$1,862.28	\$1,863.84	\$1.56	0.1%	\$1,863.72	\$1,866.84	\$3.12	0.2%	\$1,876.44	\$1,887.96	\$11.52	0.6%	\$1,908.96	\$1,939.56	\$30.60	1.6%	\$1,939.80	\$1,993.92	\$54.12	2.9%	\$2,106.24	\$2,304.12	\$197.88	10.6%
	20,000	\$2,463.48	\$2,465.04	\$1.56	0.1%	\$2,464.92	\$2,468.04	\$3.12	0.1%	\$2,477.64	\$2,489.16	\$11.52	0.5%	\$2,510.16	\$2,540.76	\$30.60	1.2%	\$2,541.00	\$2,595.12	\$54.12	2.2%	\$2,707.44	\$2,905.32	\$197.88	8.0%
	25,000	\$3,064.68	\$3,066.24	\$1.56	0.1%	\$3,066.12	\$3,069.24	\$3.12	0.1%	\$3,078.84	\$3,090.36	\$11.52	0.4%	\$3,111.36	\$3,141.96	\$30.60	1.0%	\$3,142.20	\$3,196.32	\$54.12	1.8%	\$3,308.64	\$3,506.52	\$197.88	6.5%
	30,000	\$3,665.88	\$3,667.44	\$1.56	0.0%	\$3,667.32	\$3,670.44	\$3.12	0.1%	\$3,680.04	\$3,691.56	\$11.52	0.3%	\$3,712.56	\$3,743.16	\$30.60	0.8%	\$3,743.40	\$3,797.52	\$54.12	1.5%	\$3,909.84	\$4,107.72	\$197.88	5.4%

Customer Class		Proposed 5/8 Inch Meter				Proposed 3/4 Inch Meter				Proposed 1 Inch Meter				Proposed 1.5 Inch Meter				Proposed 2 Inch Meter				Proposed 3 Inch Meter				
	Monthly Consumption (gallons)	Annual Bill at Current Rates	Annual Bill at Proposed Rates	Dollar Change	Percent Change	Annual Bill at Current Rates	Annual Bill at Proposed Rates	Dollar Change	Percent Change	Annual Bill at Current Rates	Annual Bill at Proposed Rates	Dollar Change	Percent Change	Annual Bill at Current Rates	Annual Bill at Proposed Rates	Dollar Change	Percent Change	Annual Bill at Current Rates	Annual Bill at Proposed	Dollar Change	Percent Change	Annual Bill at Current Rates	Annual Bill at Proposed	Dollar Change	Percent Change	
Non-Residential (Monthly)	2,000	\$327.96	\$329.52	\$1.56	0.5%	\$329.40	\$332.52	\$3.12	1.0%	\$342.12	\$353.64	\$11.52	3.5%	\$374.64	\$405.24	\$30.60	9.3%	\$405.48	\$459.60	\$54.12	16.5%	\$543.12	\$741.00	\$197.88	60.3%	
	5,000	\$731.88	\$733.44	\$1.56	0.2%	\$733.32	\$736.44	\$3.12	0.4%	\$746.04	\$757.56	\$11.52	1.6%	\$778.56	\$809.16	\$30.60	4.2%	\$809.40	\$863.52	\$54.12	7.4%	\$903.84	\$1,101.72	\$197.88	27.0%	
	9,000	\$1,270.44	\$1,272.00	\$1.56	0.1%	\$1,271.88	\$1,275.00	\$3.12	0.2%	\$1,284.60	\$1,296.12	\$11.52	0.9%	\$1,317.12	\$1,347.72	\$30.60	2.4%	\$1,347.96	\$1,402.08	\$54.12	4.3%	\$1,384.80	\$1,582.68	\$197.88	15.6%	
	25,000	\$3,424.68	\$3,426.24	\$1.56	0.0%	\$3,426.12	\$3,429.24	\$3.12	0.1%	\$3,438.84	\$3,450.36	\$11.52	0.3%	\$3,471.36	\$3,501.96	\$30.60	0.9%	\$3,502.20	\$3,556.32	\$54.12	1.6%	\$3,308.64	\$3,506.52	\$197.88	5.8%	
	30,000	\$4,097.88	\$4,099.44	\$1.56	0.0%	\$4,099.32	\$4,102.44	\$3.12	0.1%	\$4,112.04	\$4,123.56	\$11.52	0.3%	\$4,144.56	\$4,175.16	\$30.60	0.7%	\$4,175.40	\$4,229.52	\$54.12	1.3%	\$3,909.84	\$4,107.72	\$197.88	4.8%	
	40,000	\$5,444.28	\$5,445.84	\$1.56	0.0%	\$5,445.72	\$5,448.84	\$3.12	0.1%	\$5,458.44	\$5,469.96	\$11.52	0.2%	\$5,490.96	\$5,521.56	\$30.60	0.6%	\$5,521.80	\$5,575.92	\$54.12	1.0%	\$5,112.24	\$5,310.12	\$197.88	3.6%	
	50,000	\$6,790.68	\$6,792.24	\$1.56	0.0%	\$6,792.12	\$6,795.24	\$3.12	0.0%	\$6,804.84	\$6,816.36	\$11.52	0.2%	\$6,837.36	\$6,867.96	\$30.60	0.5%	\$6,868.20	\$6,922.32	\$54.12	0.8%	\$6,314.64	\$6,512.52	\$197.88	2.9%	
	75,000	\$10,156.68	\$10,158.24	\$1.56	0.0%	\$10,158.12	\$10,161.24	\$3.12	0.0%	\$10,170.84	\$10,182.36	\$11.52	0.1%	\$10,203.36	\$10,233.96	\$30.60	0.3%	\$10,234.20	\$10,288.32	\$54.12	0.5%	\$9,320.64	\$9,518.52	\$197.88	1.9%	
	100,000	\$13,522.68	\$13,524.24	\$1.56	0.0%	\$13,524.12	\$13,527.24	\$3.12	0.0%	\$13,536.84	\$13,548.36	\$11.52	0.1%	\$13,569.36	\$13,599.96	\$30.60	0.2%	\$13,600.20	\$13,654.32	\$54.12	0.4%	\$12,326.64	\$12,524.52	\$197.88	1.5%	
Customer Class Non-Residential with 6" Fire Connection(Monthly Account)		Proposed 5/8 Inch Meter				Proposed 3/4 Inch Meter				Proposed 1 Inch Meter				Proposed 1.5 Inch Meter				Proposed 2 Inch Meter				Proposed 3 Inch Meter				
	Annual Consumption (gallons)	Annual Bill at Current Rates	Annual Bill at Proposed Rates	Dollar Change	Percent Change	Annual Bill at Current Rates	Annual Bill at Proposed Rates	Dollar Change	Percent Change	Annual Bill at Current Rates	Annual Bill at Proposed Rates	Dollar Change	Percent Change	Annual Bill at Current Rates	Annual Bill at Proposed Rates	Dollar Change	Percent Change	Annual Bill at Current Rates	Annual Bill at Proposed	Dollar Change	Percent Change	Annual Bill at Current Rates	Annual Bill at Proposed	Dollar Change	Percent Change	
	Base Charge and Commodity Charges	9,000	\$159.66	\$161.22	\$1.56	1.0%	\$161.10	\$164.22	\$3.12	2.0%	\$173.82	\$185.34	\$11.52	7.2%	\$206.34	\$236.94	\$30.60	19.2%	\$237.18	\$291.30	\$54.12	33.9%	\$403.62	\$601.50	\$197.88	123.9%
			\$951.11	\$1,055.81	\$104.70	11.0%	\$951.11	\$1,055.81	\$104.70	11.0%	\$951.11	\$1,055.81	\$104.70	11.0%	\$951.11	\$1,055.81	\$104.70	11.0%	\$951.11	\$1,055.81	\$104.70	11.0%	\$951.11	\$1,055.81	\$104.70	11.0%
	Fire Protection Charge																									
Total Annual Charges		\$1,110.77	\$1,217.03	\$106.26	9.6%	\$1,112.21	\$1,220.03	\$107.82	9.7%	\$1,124.93	\$1,241.15	\$116.22	10.5%	\$1,157.45	\$1,292.75	\$135.30	12.2%	\$1,188.29	\$1,347.11	\$158.82	14.3%	\$1,354.73	\$1,657.31	\$302.58	27.2%	

Customer Class	Monthly Consumption (gallons)	Bill at Current Rates	Proposed		
			Bill at Proposed Rates	Dollar Change	Percent Change
Portsmouth (Monthly)					
Avg. Monthly Bill	10,000,000	\$51,512	\$52,969	\$1,457	2.8%
	20,000,000	\$103,019	\$105,889	\$2,870	2.8%
	38,000,000	\$195,731	\$201,145	\$5,414	2.8%
	40,000,000	\$206,033	\$211,729	\$5,696	2.8%
	75,000,000	\$386,307	\$396,949	\$10,642	2.8%
	100,000,000	\$515,075	\$529,249	\$14,174	2.8%
	150,000,000	\$772,610	\$793,849	\$21,239	2.7%
Navy (Monthly)					
Avg. Monthly Bill (All Meters)	10,000,000	\$65,236	\$65,190	-\$46	-0.1%
	20,000,000	\$130,443	\$130,380	-\$63	0.0%
	38,000,000	\$247,718	\$247,722	\$4	0.0%
	50,000,000	\$325,956	\$325,950	-\$6	0.0%
	75,000,000	\$488,929	\$488,925	-\$4	0.0%
	100,000,000	\$651,905	\$651,900	-\$5	0.0%

Docket No. 4595
Rhode Island Public Utilities Commission
Docket 4595
FY 2017 Rate Filing
HJS Schedule A-4 Compliance
Revenue Proof

		Rate Year Revenue	
		Existing Rates	Proposed Rates
REVENUES			
Water Rates			
Base Charge (Billing Charge)	\$	936,424	\$ 1,020,846
Volume Charge			
Residential		6,625,444	6,625,444
Commercial		5,129,840	5,129,840
Navy		1,610,677	1,610,701
Portsmouth Water & Fire District		2,229,129	2,290,282
Fire Protection			
Public		981,045	981,045
Private		357,722	396,574
Total Rate Revenues	\$	17,870,281	\$ 18,054,733
Other Operating Revenues			
Sundry charges	\$	126,250	126,250
WPC cost share on customer service	\$	330,000	330,000
Middletown cost share on customer service	\$	167,000	167,000
Rental of Property	\$	95,200	95,200
Total Other Operating Revenues	\$	718,450	718,450
Total Operating Revenues	\$	18,588,731	\$ 18,773,183
Add: Non-Operating Revenues			
Water Penalty		51,200	51,200
Miscellaneous and Contributions from Reserves ¹		242,247	242,247
Investment Interest Income		1,250	1,250
Water Quality Protection Fees		22,250	22,250
Total Non Operating Revenues	\$	316,947	\$ 316,947
Total Revenues	\$	18,905,678	\$ 19,090,130
COSTS			
Departmental O&M	\$	(9,628,521)	(9,628,521)
Capital Costs			
Contribution to Capital Spending Acct.		(2,500,000)	(2,500,000)
Contribution to Debt Service Acct.		(6,811,000)	(\$6,811,000)
Total Capital Costs	\$	(9,311,000)	(9,311,000)
Operating Revenue Allowance		(144,428)	(144,428)
Total Costs	\$	(19,083,948)	\$ (19,083,948)
Revenue Surplus (Deficit)	\$	(178,270)	\$ 6,182

		Rate Year	Allocation Notes	Base	Max Day	Max Hour	Metering	Billing	Services	Fire	Total % Allocated
Operation & Maintenance Costs											
Administration											
Salaries, Wages, & Benefits											
Salaries & Wages	\$	281,582	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
AFSCME retro	\$	-	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
NEA retro	\$	-	Non Admin less electricity & chemicals	60.421%	19%	7%	5%	6%	2%	0%	100%
AFSCME benefits on retro pay	\$	-	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
NEA benefits on retro pay	\$	-	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Standby Salaries	\$	18,720	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Accrued Benefits Buyout	\$	-	Non-Administrative Wages & Salaries	58%	22%	8%	6%	5%	2%	0%	100%
Employee Benefits	\$	115,683	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Retiree Insurance Coverage	\$	265,000	Non-Administrative Wages & Salaries	58%	22%	8%	6%	5%	2%	0%	100%
Workers Compensation	\$	64,000	Non-Administrative Wages & Salaries	58%	22%	8%	6%	5%	2%	0%	100%
Annual Leave Buyback	\$	3,300	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Subtotal		748,285									

	Rate Year	Allocation Notes	Base	Max Day	Max Hour	Metering	Billing	Services	Fire	Total % Allocated
All Other Administrative Costs										
Advertisement	9,000	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Membership Dues & Subscription	2,500	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Conferences & Training	4,000	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Tuition Reimbursement	2,000	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Consultant Fees	136,878	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Postage	1,000	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Fire & Liability Insurance	67,000	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Telephone & Communication	5,600	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Water	2,015	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Electricity	7,956	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Natural Gas	5,226	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Property Taxes	567,770	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Legal & Administrative	-									
Audit Fees	4,511	Total Non-Admin Costs Before Offsets	64%	21%	7%	4%	2%	2%	0%	100%
OPEB Contribution	27,648	Total Non-Admin Costs Before Offsets	64%	21%	7%	4%	2%	2%	0%	100%
City Council	3,155	Total Non-Admin Costs Before Offsets	64%	21%	7%	4%	2%	2%	0%	100%
City Clerk	4,409	Total Non-Admin Costs Before Offsets	64%	21%	7%	4%	2%	2%	0%	100%
City Manager	88,016	Total Non-Admin Costs Before Offsets	64%	21%	7%	4%	2%	2%	0%	100%
Human Resources	5,926	Non-Administrative Wages & Salaries	58%	22%	8%	6%	5%	2%	0%	100%
City Solicitor	26,096	Total Non-Admin Costs Before Offsets	64%	21%	7%	4%	2%	2%	0%	100%
Finance Adimistrative 50%	31,570	Total Non-Admin Costs Before Offsets	64%	21%	7%	4%	2%	2%	0%	100%
Finance Adimistrative 5%	3,201	Total Non-Admin Costs Before Offsets	64%	21%	7%	4%	2%	2%	0%	100%
Finance Admin 10% Inv/Debt	14,359	Total Non-Admin Costs Before Offsets	64%	21%	7%	4%	2%	2%	0%	100%
Purchasing	20,603	Total Non-Admin Costs Before Offsets	64%	21%	7%	4%	2%	2%	0%	100%
Assessment	-	Total Non-Admin Costs Before Offsets	64%	21%	7%	4%	2%	2%	0%	100%
Collections	44,183	100% Billing	0%	0%	0%	0%	100%	0%	0%	100%
Accounting - Wires - 5%	9,456	Total Non-Admin Costs Before Offsets	64%	21%	7%	4%	2%	2%	0%	100%
Accounting	50,716	Non-Administrative Wages & Salaries	58%	22%	8%	6%	5%	2%	0%	100%
Facilities Maintenance	-	Non-Administrative Wages & Salaries	58%	22%	8%	6%	5%	2%	0%	100%
Data Processing	231,161	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Mileage Allowance	2,000	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Gasoline & Vehicle Allowance	5,389	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Repairs & Maintenance	1,200	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Regulatory Expense	5,000	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Regulatory Assessment	80,000	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Office Supplies	15,000	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Self Insurance	5,000	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Unemployment Claims	-	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Subtotal	1,489,543									

	Rate Year	Allocation Notes	Base	Max Day	Max Hour	Metering	Billing	Services	Fire	Total % Allocated
Customer Service										
Salaries & Wages	334,195	Customer Service Salaries and Wages	0%	0%	0%	49%	39%	12%	0%	100%
Benefits	186,231	Customer Service Salaries and Wages	0%	0%	0%	49%	39%	12%	0%	100%
Copying & binding	500	100% billing (based on budget analysis)					100%			100%
Conferences & Training	5,000	100% billing (based on budget analysis)					100%			100%
Support Services	26,175	100% billing (software support & printing/mailling)					100%			100%
Postage	74,680	100% billing (based on budget analysis)					100%			100%
Bank Fees (lock box)	16,800	100% billing (based on budget analysis)					100%			100%
Gasoline & Vehicle Allowance	26,945	Customer Service Salaries and Wages	0%	0%	0%	49%	39%	12%	0%	100%
Repairs & Maintenance	35,000	100% metering (meter repairs)				100%				100%
Meter Maintenance	10,000	100% metering (based on budget analysis)				100%				100%
Operating Supplies	5,000	100% metering (based on budget analysis)				100%				100%
Uniforms & protective Gear	1,000	100% metering (based on budget analysis)				100%				100%
Customer Service Supplies	5,000	100% billing (based on budget analysis)					100%			100%
Subtotal	726,526									
Source of Supply - Island										
Salaries & Wages	\$ 309,950	Average Day Demand Patterns	100%	0%	0%	0%	0%	0%	0%	100%
Overtime	\$ 33,000	Average Day Demand Patterns	100%	0%	0%	0%	0%	0%	0%	100%
Temp Salaries	\$ 26,180	Average Day Demand Patterns	100%	0%	0%	0%	0%	0%	0%	100%
Injury Pay	\$ -	Average Day Demand Patterns	100%	0%	0%	0%	0%	0%	0%	100%
Employee Benefits	\$ 174,277	Average Day Demand Patterns	100%	0%	0%	0%	0%	0%	0%	100%
Annual Leave Buyback	\$ 3,800	Average Day Demand Patterns	100%	0%	0%	0%	0%	0%	0%	100%
Electricity	\$ 49,880	Average Day Demand Patterns	100%	0%	0%	0%	0%	0%	0%	100%
Gas/Vehicle Maintenance	\$ 59,279	Average Day Demand Patterns	100%	0%	0%	0%	0%	0%	0%	100%
Repairs & Maintenance	\$ 10,000	Average Day Demand Patterns	100%	0%	0%	0%	0%	0%	0%	100%
Reservoir Maintenance	\$ 16,000	Average Day Demand Patterns	100%	0%	0%	0%	0%	0%	0%	100%
Operating Supplies	\$ 7,500	Average Day Demand Patterns	100%	0%	0%	0%	0%	0%	0%	100%
Uniforms & protective Gear	\$ 1,510	Average Day Demand Patterns	100%	0%	0%	0%	0%	0%	0%	100%
Chemicals	\$ 66,800	Average Day Demand Patterns	100%	0%	0%	0%	0%	0%	0%	100%
Subtotal	\$ 758,176									
Source of Supply - Mainland										
Overtime	\$ 11,610	Average Day Demand Patterns	100%	0%	0%	0%	0%	0%	0%	100%
Temp Salaries	\$ 29,996	Average Day Demand Patterns	100%	0%	0%	0%	0%	0%	0%	100%
Permanent Part time	\$ 12,900	Average Day Demand Patterns	100%	0%	0%	0%	0%	0%	0%	100%
Employee Benefits	\$ 2,525	Average Day Demand Patterns	100%	0%	0%	0%	0%	0%	0%	100%
Electricity	\$ 154,424	Average Day Demand Patterns	100%	0%	0%	0%	0%	0%	0%	100%
Repairs & Maintenance	\$ 7,000	Average Day Demand Patterns	100%	0%	0%	0%	0%	0%	0%	100%
Reservoir Maintenance	\$ 4,500	Average Day Demand Patterns	100%	0%	0%	0%	0%	0%	0%	100%
Operating Supplies	\$ 1,000	Average Day Demand Patterns	100%	0%	0%	0%	0%	0%	0%	100%
Subtotal	\$ 223,955									

	Rate Year	Allocation Notes	Base	Max Day	Max Hour	Metering	Billing	Services	Fire	Total % Allocated
Station One (Excludes chemicals)										
Salaries & Wages	\$ 511,075	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Overtime	\$ 102,940	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Holiday Pay	\$ 22,032	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Lead Plant Operator Stipend	\$ 12,480	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Employee Benefits	\$ 263,937	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Annual Leave Buyback	\$ 12,000	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Conferences & Training	\$ 4,500	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Fire & Liability Insurance	\$ 35,000	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Electricity	\$ 212,484	100% Base	100%	0%	0%	0%	0%	0%	0%	100%
Natural Gas	\$ 43,410	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Rental of Equipment	\$ 1,000	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Sewer Charge	\$ 204,000	100% Base	100%	0%	0%	0%	0%	0%	0%	100%
Gas/Vehicle Maintenance	\$ 5,389	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Repairs & Maintenance	\$ 66,992	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Operating Supplies	\$ 17,161	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Uniforms & protective Gear	\$ 1,426	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Station One Chemicals	\$ 366,315	100% Base	100%	0%	0%	0%	0%	0%	0%	100%
Subtotal	\$ 1,882,141									
Lawton Valley (Excludes chemicals)										
Salaries & Wages	\$498,541	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Overtime	\$98,903	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Holiday Pay	\$19,992	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Lead Plant Operator Stipend	\$12,480	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Employee Benefits	\$278,234	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Annual Leave Buyback	\$7,400	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Conferences & Training	\$4,120	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Fire & Liability Insurance	\$54,000	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Electricity	\$375,091	100% Base	100%	0%	0%	0%	0%	0%	0%	100%
Natural Gas	\$34,663	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Rental of Equipment	\$1,000	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Sewer Charge	\$510,000	100% Base	100%	0%	0%	0%	0%	0%	0%	100%
Gas/Vehicle Maintenance	\$5,389	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Repairs & Maintenance	\$61,556	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Operating Supplies	\$13,311	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Uniforms & protective Gear	\$1,303	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Lawton Valley Chemicals	\$328,667	100% Base	100%	0%	0%	0%	0%	0%	0%	100%
Subtotal	2,304,651									

	Rate Year	Allocation Notes	Base	Max Day	Max Hour	Metering	Billing	Services	Fire	Total % Allocated
Laboratory										
Salaries & Wages	\$ 121,179	100% Base	100%	0%	0%	0%	0%	0%	0%	100%
Employee Benefits	\$ 55,194	100% Base	100%	0%	0%	0%	0%	0%	0%	100%
Annual Leave Buyback	\$ 1,500	100% Base	100%	0%	0%	0%	0%	0%	0%	100%
Repairs & Maintenance	\$ 1,700	100% Base	100%	0%	0%	0%	0%	0%	0%	100%
Regulatory Assessment	\$ 47,024	100% Base	100%	0%	0%	0%	0%	0%	0%	100%
Laboratory Supplies	\$ 35,627	100% Base	100%	0%	0%	0%	0%	0%	0%	100%
Subtotal	\$ 262,224									
Transmission and Distribution										
Salaries & Wages	\$ 515,219	Maximum Hour Demand Patterns	40%	24%	36%	0%	0%	0%	0%	100%
Overtime	\$ 52,364	Maximum Hour Demand Patterns	40%	24%	36%	0%	0%	0%	0%	100%
Temp Salaries	\$ 26,180	Maximum Hour Demand Patterns	40%	24%	36%	0%	0%	0%	0%	100%
Injury Pay	\$ -	Maximum Hour Demand Patterns	40%	24%	36%	0%	0%	0%	0%	100%
Employee Benefits	\$ 312,306	Maximum Hour Demand Patterns	40%	24%	36%	0%	0%	0%	0%	100%
Annual Leave Buyback	\$ 7,500	Maximum Hour Demand Patterns	40%	24%	36%	0%	0%	0%	0%	100%
Conferences & Training	\$ 4,000	Maximum Hour Demand Patterns	40%	24%	36%	0%	0%	0%	0%	100%
Contract Services	\$ 21,525	Maximum Hour Demand Patterns	40%	24%	36%	0%	0%	0%	0%	100%
Fire & Liability Insurance	\$ 12,000	Maximum Hour Demand Patterns	40%	24%	36%	0%	0%	0%	0%	100%
Electricity	\$ 20,607	Maximum Hour Demand Patterns	40%	24%	36%	0%	0%	0%	0%	100%
Heavy Equipment Rental	\$ 8,260	Maximum Hour Demand Patterns	40%	24%	36%	0%	0%	0%	0%	100%
Gas/Vehicle Maintenance	\$ 70,057	Maximum Hour Demand Patterns	40%	24%	36%	0%	0%	0%	0%	100%
Repairs & Maintenance	\$ 26,000	Maximum Hour Demand Patterns	40%	24%	36%	0%	0%	0%	0%	100%
Main Maintenance	\$ 91,200	Maximum Hour Demand Patterns	40%	24%	36%	0%	0%	0%	0%	100%
Hydrant Maintenance	\$ -	100% Fire	0%	0%	0%	0%	0%	0%	100%	100%
Service Maintenance	\$ 30,000	100% Services	0%	0%	0%	0%	0%	100%	0%	100%
Operating Supplies	\$ 8,000	Maximum Hour Demand Patterns	40%	24%	36%	0%	0%	0%	0%	100%
Uniforms & protective Gear	\$ 4,000	Maximum Hour Demand Patterns	40%	24%	36%	0%	0%	0%	0%	100%
Subtotal	\$ 1,209,218									
Fire Protection	23,800	100% Fire	0%	0%	0%	0%	0%	0%	100%	100%
Total O&M Costs	9,628,521									

	Rate Year	Allocation Notes	Base	Max Day	Max Hour	Metering	Billing	Services	Fire	Total % Allocated
CAPITAL COSTS										
Water Supply	1,387,706	100% Base	100%	0%	0%	0%	0%	0%	0%	100%
Treatment Station 1	2,271,925	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Treatment Lawton Valley	2,563,796	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
Treatment Both Plants	473,082	Maximum Day Demand Patterns	63%	37%	0%	0%	0%	0%	0%	100%
T&D Pumping	58,645	Maximum Hour Demand Patterns	40%	24%	36%	0%	0%	0%	0%	100%
T&D	1,962,433	Maximum Hour Demand Patterns	40%	24%	36%	0%	0%	0%	0%	100%
Fire	21,135	100% Fire	0%	0%	0%	0%	0%	0%	100%	100%
Meters	356,211	100% Meters	0%	0%	0%	100%	0%	0%	0%	100%
Services	201,857	100 % Services	0%	0%	0%	0%	0%	100%	0%	100%
Billing	14,209	100% Billing	0%	0%	0%	0%	100%	0%	0%	100%
Total Capital Costs excluding Treatment	9,311,000									
Revenue Allowance	144,428	100% base	100%							100%
Total Costs before Offsets	19,083,948									
OFFSETS										
Nonrate Revenues										
Sundry charges	126,250	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
WPC cost share on customer serv	330,000	50/50 Split between Metering and Billing	0%	0%	0%	50%	50%	0%	0%	100%
Middletown cost share on custom	167,000	50/50 Split between Metering and Billing	0%	0%	0%	50%	50%	0%	0%	100%
Rental of Property	95,200	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Water Penalty	51,200	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Miscellaneous and Contributions	242,247	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Investment Interest Income	1,250	Non Admin less electricity & chemicals	60%	19%	7%	5%	6%	2%	0%	100%
Water Quality Protection Fees	22,250	100% Base	100%	0%	0%	0%	0%	0%	0%	100%
Total Nonrate Revenues	1,035,397									
Net Costs To Recover Through Rates	\$ 18,048,551									
	\$ -									

	Base	Max Day	Max Hour	Metering	Billing	Services	Fire	Total \$ Allocated
Operation & Maintenance Costs								
Administration								
Salaries, Wages, & Benefits								
Salaries & Wages	170,134	53,192	20,612	15,288	16,475	4,732	1,148	281,582
AFSCME retro	-	-	-	-	-	-	-	-
NEA retro	-	-	-	-	-	-	-	-
AFSCME benefits on retro pay	-	-	-	-	-	-	-	-
NEA benefits on retro pay	-	-	-	-	-	-	-	-
Standby Salaries	11,311	3,536	1,370	1,016	1,095	315	76	18,720
Accrued Benefits Buyout	-	-	-	-	-	-	-	-
Employee Benefits	69,897	21,853	8,468	6,281	6,769	1,944	472	115,683
Retiree Insurance Coverage	152,965	58,756	20,804	15,496	12,827	4,045	107	265,000
Workers Compensation	36,943	14,190	5,024	3,742	3,098	977	26	64,000
Annual Leave Buyback	1,994	623	242	179	193	55	13	3,300
Subtotal	443,243	152,151	56,520	42,002	40,457	12,068	1,843	748,285

	Base	Max Day	Max Hour	Metering	Billing	Services	Fire	Total \$ Allocated
All Other Administrative Costs								
Advertisement	5,438	1,700	659	489	527	151	37	9,000
Membership Dues & Subscriptions	1,511	472	183	136	146	42	10	2,500
Conferences & Training	2,417	756	293	217	234	67	16	4,000
Tuition Reimbursement	1,208	378	146	109	117	34	8	2,000
Consultant Fees	82,703	25,857	10,020	7,431	8,009	2,300	558	136,878
Postage	604	189	73	54	59	17	4	1,000
Fire & Liability Insurance	40,482	12,657	4,905	3,638	3,920	1,126	273	67,000
Telephone & Communication	3,384	1,058	410	304	328	94	23	5,600
Water	1,218	381	148	109	118	34	8	2,015
Electricity	4,807	1,503	582	432	466	134	32	7,956
Natural Gas	3,158	987	383	284	306	88	21	5,226
Property Taxes	343,051	107,254	41,562	30,825	33,220	9,542	2,315	567,770
Legal & Administrative								
Audit Fees	2,876	957	311	180	95	80	12	4,511
OPEB Contribution	17,623	5,868	1,903	1,105	584	492	74	27,648
City Council	2,011	670	217	126	67	56	8	3,155
City Clerk	2,810	936	303	176	93	78	12	4,409
City Manager	56,101	18,680	6,059	3,517	1,859	1,567	235	88,016
Human Resources	3,420	1,314	465	346	287	90	2	5,926
City Solicitor	16,633	5,538	1,796	1,043	551	465	70	26,096
Finance Administrative 50%	20,123	6,700	2,173	1,261	667	562	84	31,570
Finance Administrative 5%	2,040	679	220	128	68	57	9	3,201
Finance Admin 10% Inv/Debt	9,153	3,047	988	574	303	256	38	14,359
Purchasing	13,132	4,372	1,418	823	435	367	55	20,603
Assessment	-	-	-	-	-	-	-	-
Collections	-	-	-	-	44,183	-	-	44,183
Accounting - Wires - 5%	6,027	2,007	651	378	200	168	25	9,456
Accounting	29,274	11,245	3,981	2,966	2,455	774	21	50,716
Facilities Maintenance	-	-	-	-	-	-	-	-
Data Processing	139,669	43,667	16,921	12,550	13,525	3,885	943	231,161
Mileage Allowance	1,208	378	146	109	117	34	8	2,000
Gasoline & Vehicle Allowance	3,256	1,018	394	293	315	91	22	5,389
Repairs & Maintenance	725	227	88	65	70	20	5	1,200
Regulatory Expense	3,021	945	366	271	293	84	20	5,000
Regulatory Assessment	48,337	15,112	5,856	4,343	4,681	1,345	326	80,000
Office Supplies	9,063	2,834	1,098	814	878	252	61	15,000
Self Insurance	3,021	945	366	271	293	84	20	5,000
Unemployment Claims	-	-	-	-	-	-	-	-
Subtotal	879,503	280,329	105,086	75,368	119,465	24,437	5,357	1,489,543

	Base	Max Day	Max Hour	Metering	Billing	Services	Fire	Total \$ Allocated
Customer Service								
Salaries & Wages	-	-	-	162,346	130,271	41,578	-	334,195
Benefits	-	-	-	90,468	72,594	23,169	-	186,231
Copying & binding	-	-	-	-	500	-	-	500
Conferences & Training	-	-	-	-	5,000	-	-	5,000
Support Services	-	-	-	-	26,175	-	-	26,175
Postage	-	-	-	-	74,680	-	-	74,680
Bank Fees (lock box)	-	-	-	-	16,800	-	-	16,800
Gasoline & Vehicle Allowance	-	-	-	13,089	10,503	3,352	-	26,945
Repairs & Maintenance	-	-	-	35,000	-	-	-	35,000
Meter Maintenance	-	-	-	10,000	-	-	-	10,000
Operating Supplies	-	-	-	5,000	-	-	-	5,000
Uniforms & protective Gear	-	-	-	1,000	-	-	-	1,000
Customer Service Supplies	-	-	-	-	5,000	-	-	5,000
Source of Supply - Island								
Salaries & Wages	309,950	-	-	-	-	-	-	309,950
Overtime	33,000	-	-	-	-	-	-	33,000
Temp Salaries	26,180	-	-	-	-	-	-	26,180
Injury Pay	-	-	-	-	-	-	-	-
Employee Benefits	174,277	-	-	-	-	-	-	174,277
Annual Leave Buyback	3,800	-	-	-	-	-	-	3,800
Electricity	49,880	-	-	-	-	-	-	49,880
Gas/Vehicle Maintenance	59,279	-	-	-	-	-	-	59,279
Repairs & Maintenance	10,000	-	-	-	-	-	-	10,000
Reservoir Maintenance	16,000	-	-	-	-	-	-	16,000
Operating Supplies	7,500	-	-	-	-	-	-	7,500
Uniforms & protective Gear	1,510	-	-	-	-	-	-	1,510
Chemicals	66,800	-	-	-	-	-	-	66,800
Source of Supply - Mainland								
Overtime	11,610	-	-	-	-	-	-	11,610
Temp Salaries	29,996	-	-	-	-	-	-	29,996
Permanent Part time	12,900	-	-	-	-	-	-	12,900
Employee Benefits	2,525	-	-	-	-	-	-	2,525
Electricity	154,424	-	-	-	-	-	-	154,424
Repairs & Maintenance	7,000	-	-	-	-	-	-	7,000
Reservoir Maintenance	4,500	-	-	-	-	-	-	4,500
Operating Supplies	1,000	-	-	-	-	-	-	1,000

	Base	Max Day	Max Hour	Metering	Billing	Services	Fire	Total \$ Allocated
Station One (Excludes chemicals)								
Salaries & Wages	319,539	191,536	-	-	-	-	-	511,075
Overtime	64,361	38,579	-	-	-	-	-	102,940
Holiday Pay	13,775	8,257	-	-	-	-	-	22,032
Lead Plant Operator Stipend	7,803	4,677	-	-	-	-	-	12,480
Employee Benefits	165,021	98,916	-	-	-	-	-	263,937
Annual Leave Buyback	7,503	4,497	-	-	-	-	-	12,000
Conferences & Training	2,814	1,686	-	-	-	-	-	4,500
Fire & Liability Insurance	21,883	13,117	-	-	-	-	-	35,000
Electricity	212,484	-	-	-	-	-	-	212,484
Natural Gas	27,141	16,269	-	-	-	-	-	43,410
Rental of Equipment	625	375	-	-	-	-	-	1,000
Sewer Charge	204,000	-	-	-	-	-	-	204,000
Gas/Vehicle Maintenance	3,369	2,020	-	-	-	-	-	5,389
Repairs & Maintenance	41,885	25,107	-	-	-	-	-	66,992
Operating Supplies	10,730	6,432	-	-	-	-	-	17,161
Uniforms & protective Gear	892	534	-	-	-	-	-	1,426
Station One Chemicals	366,315	-	-	-	-	-	-	366,315
Lawton Valley (Excludes chemicals)								
Salaries & Wages	311,702	186,839	-	-	-	-	-	498,541
Overtime	61,837	37,066	-	-	-	-	-	98,903
Holiday Pay	12,500	7,492	-	-	-	-	-	19,992
Lead Plant Operator Stipend	7,803	4,677	-	-	-	-	-	12,480
Employee Benefits	173,960	104,274	-	-	-	-	-	278,234
Annual Leave Buyback	4,627	2,773	-	-	-	-	-	7,400
Conferences & Training	2,576	1,544	-	-	-	-	-	4,120
Fire & Liability Insurance	33,762	20,238	-	-	-	-	-	54,000
Electricity	375,091	-	-	-	-	-	-	375,091
Natural Gas	21,672	12,991	-	-	-	-	-	34,663
Rental of Equipment	625	375	-	-	-	-	-	1,000
Sewer Charge	510,000	-	-	-	-	-	-	510,000
Gas/Vehicle Maintenance	3,369	2,020	-	-	-	-	-	5,389
Repairs & Maintenance	38,487	23,069	-	-	-	-	-	61,556
Operating Supplies	8,322	4,989	-	-	-	-	-	13,311
Uniforms & protective Gear	815	488	-	-	-	-	-	1,303
Lawton Valley Chemicals	328,667	-	-	-	-	-	-	328,667

	Base	Max Day	Max Hour	Metering	Billing	Services	Fire	Total \$ Allocated
Laboratory								
Salaries & Wages	121,179	-	-	-	-	-	-	121,179
Employee Benefits	55,194	-	-	-	-	-	-	55,194
Annual Leave Buyback	1,500	-	-	-	-	-	-	1,500
Repairs & Maintenance	1,700	-	-	-	-	-	-	1,700
Regulatory Assessment	47,024	-	-	-	-	-	-	47,024
Laboratory Supplies	35,627	-	-	-	-	-	-	35,627
Transmission and Distribution								
Salaries & Wages	205,409	123,125	186,685	-	-	-	-	515,219
Overtime	20,877	12,514	18,974	-	-	-	-	52,364
Temp Salaries	10,438	6,256	9,486	-	-	-	-	26,180
Injury Pay	-	-	-	-	-	-	-	-
Employee Benefits	124,511	74,634	113,162	-	-	-	-	312,306
Annual Leave Buyback	2,990	1,792	2,718	-	-	-	-	7,500
Conferences & Training	1,595	956	1,449	-	-	-	-	4,000
Contract Services	8,582	5,144	7,799	-	-	-	-	21,525
Fire & Liability Insurance	4,784	2,868	4,348	-	-	-	-	12,000
Electricity	8,216	4,925	7,467	-	-	-	-	20,607
Heavy Equipment Rental	3,293	1,974	2,993	-	-	-	-	8,260
Gas/Vehicle Maintenance	27,930	16,742	25,385	-	-	-	-	70,057
Repairs & Maintenance	10,366	6,213	9,421	-	-	-	-	26,000
Main Maintenance	36,360	21,795	33,046	-	-	-	-	91,200
Hydrant Maintenance	-	-	-	-	-	-	-	-
Service Maintenance	-	-	-	-	-	30,000	-	30,000
Operating Supplies	3,189	1,912	2,899	-	-	-	-	8,000
Uniforms & protective Gear	1,595	956	1,449	-	-	-	-	4,000
Fire Protection	-	-	-	-	-	-	23,800	23,800
Non-Administrative O&M	5,080,445	1,102,641	427,280	316,904	341,523	98,100	23,800	7,390,692

	Base	Max Day	Max Hour	Metering	Billing	Services	Fire	Total \$ Allocated
Water Supply	1,387,706	-	-	-	-	-	-	1,387,706
Treatment Station 1	1,420,474	851,452	-	-	-	-	-	2,271,925
Treatment Lawton Valley	1,602,960	960,836	-	-	-	-	-	2,563,796
Treatment Both Plants	295,785	177,298	-	-	-	-	-	473,082
T&D Pumping	23,381	14,015	21,249	-	-	-	-	58,645
T&D	782,387	468,974	711,072	-	-	-	-	1,962,433
Fire	-	-	-	-	-	-	21,135	21,135
Meters	-	-	-	356,211	-	-	-	356,211
Services	-	-	-	-	-	201,857	-	201,857
Billing	-	-	-	-	14,209	-	-	14,209
	5,512,692	2,472,574	732,321	356,211	14,209	201,857	21,135	9,311,000
	59%	27%	8%	4%	0%	2%	0%	100%
	144,428	-	-	-	-	-	-	144,428
Total Non-Admin Costs	10,737,565	3,575,215	1,159,601	673,115	355,732	299,957	44,935	16,846,120
	64%	21%	7%	4%	2%	2%	0%	100%
	76,281	23,849	9,242	6,854	7,387	2,122	515	126,250
	-	-	-	165,000	165,000	-	-	330,000
	-	-	-	83,500	83,500	-	-	167,000
	57,521	17,984	6,969	5,169	5,570	1,600	388	95,200
	30,935	9,672	3,748	2,780	2,996	860	209	51,200
	146,368	45,762	17,733	13,152	14,174	4,071	988	242,247
	755	236	92	68	73	21	5	1,250
	22,250	-	-	-	-	-	-	22,250
	334,111	97,503	37,783	276,523	278,700	8,675	2,105	1,035,397
\$	10,403,454	\$ 3,477,712	\$ 1,121,819	\$ 396,592	\$ 77,032	\$ 291,282	\$ 42,831	\$ 15,810,723

Non-Admin O&M Costs	\$	5,080,445	\$	1,102,641	\$	427,280	\$	316,904	\$	341,523	\$	98,100	\$	23,800	\$	7,390,692
Less: Chemicals																\$ -
Station One	\$	(366,315)														\$ (366,315)
Lawton Valley	\$	(328,667)														\$ (328,667)
Source Supply	\$	(66,800)														\$ (66,800)
Electricity																\$ -
Source Supply	\$	(204,304)	\$	-												\$ (204,304)
Station One	\$	(212,484)	\$	-												\$ (212,484)
Lawton Valley	\$	(375,091)	\$	-												\$ (375,091)
Costs Adjusted	\$	3,526,784	\$	1,102,641	\$	427,280	\$	316,904	\$	341,523	\$	98,100	\$	23,800	\$	5,837,031
		60%		19%		7%		5%		6%		2%		0%		100%

Base	Max Day	Max Hour	Metering	Billing	Services	Fire	Total \$ Allocated
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Non-Administrative Labor

Administration	183,439	57,352	22,224	16,483	17,764	5,102	1,238	303,602
Customer Service	0	0	0	162,346	130,271	41,578	0	334,195
Source of Supply - Island	369,130	0	0	0	0	0	0	369,130
Source of Supply - Mainland	54,506	0	0	0	0	0	0	54,506
Station One	405,178	242,869	0	0	0	0	0	648,047
Lawton Valley	390,666	234,171	0	0	0	0	0	624,836
Laboratory	122,679	0	0	0	0	0	0	122,679
Transmission/Distribution	239,713	143,687	217,863	0	0	0	0	601,263
Total	1,765,311	678,079	240,087	178,830	148,035	46,680	1,238	3,058,260
Percent	58%	22%	8%	6%	5%	2%	0%	100%

ALLOCATION PERCENTAGES		Commodity Charges					
		Retail		Navy	Portsmouth	Fire	Total % Allocated
		Residential	Non-Residential				
Cost Category	Allocation Basis	Base Charge					
Base	<i>Average annual demand</i>	39%	27%	13%	21%	0%	100%
Base Excluding PWFD		50%	34%	16%	0%	0%	100%
Base Excluding PWFD & 50% Navy		54%	37%	9%	0%	0%	100%
Water Quality Protection Fees		59%	41%	0%	0%	0%	100%
Total Base to Class		41%	28%	12%	18%	0%	100%
Max Day	<i>Estimated customer peaking factors</i>	31%	25%	9%	17%	18%	100%
Base Excluding PWFD		37%	30%	11%	0%	22%	100%
Max Day Excluding PWFD & 50% Navy		39%	32%	6%	0%	23%	100%
Total Max Day to Class		33%	26%	9%	13%	19%	100%
Max Hour	<i>Estimated customer peaking factors</i>	17%	20%	5%	9%	48%	100%
Base Excluding PWFD		19%	22%	6%	0%	53%	100%
Max Hour Excluding PWFD & 50% Navy		20%	22%	3%	0%	55%	100%
Total Max Hour to Class		20%	22%	3%	0%	55%	100%
Metering	<i>Direct Assignment</i>	100%					100%
Billing	<i>Direct Assignment</i>	100%					100%
Services	<i>Direct Assignment</i>	100%					100%
Fire	<i>Direct Assignment</i>					100%	100%
Treatment Plant Avg. Day	<i>Assured Capacity</i>	0%	0%	0%	0%	0%	0%
Treatment Plant Max. Day	<i>Assured Capacity</i>	0%	0%	0%	0%	0%	0%

Rhode Island Public Utilities Commission
Docket 4595
FY 2016 Rate Filing
HJS Schedule B-2
Allocation of Costs to Water Rate Classes

ALLOCATION RESULTS**Cost Category**

Base										
Base excluding T&D&WQPF & Pumping	9,461,663	3,719,107	2,571,594	1,193,947	1,977,015					9,461,663
Transmission & Distribution	1,252,521	676,318	467,643	108,559	-					1,252,521
Pumping	23,381	11,618	8,033	3,730	-					23,381
Water Quality Protection Fees	(22,250)	(13,154)	(9,096)	-	-					(22,250)
Revenue Offsets	(311,861)	(127,998)	(88,505)	(37,938)	(57,420)	-				(311,861)
Administrative Charges	1,322,746	542,898	375,389	160,913	243,546					1,322,746
Max Day										
Max Day Except T&D & Pumping	2,810,422	869,101	695,937	261,817	474,917	508,649				2,810,422
Transmission & Distribution	750,778	295,974	237,002	44,581	-	173,221				750,778
Pumping	14,015	5,215	4,176	1,571	-	3,052				14,015
Revenue Offsets	(97,503)	(31,916)	(25,557)	(8,399)	(12,952)	(18,679)				(97,503)
Administrative Charges	432,479	141,565	113,359	37,254	57,449	82,852				432,479
Max Hour										
Max Hr. Except T&D & Pumping	-	-	-	-	-	-				-
Transmission & Distribution	1,138,352	-	225,807	253,621	35,074	-	623,850			1,138,352
Pumping	21,249	-	4,089	4,593	1,270	-	11,297			21,249
Revenue Offsets	(37,783)	(7,491)	(8,413)	(1,184)	-	(20,695)				(37,783)
Administrative Charges	161,606	32,039	35,986	5,065	-	88,516				161,606
Metering	673,115	673,115	-	-	-	-				673,115
Revenue Offsets	(276,523)	(276,523)	-	-	-	-				(276,523)
Administrative Charges	117,370	117,370	-	-	-	-				117,370
Services	299,957	299,957	-	-	-	-				299,957
Revenue Offsets	(8,675)	(8,675)	-	-	-	-				(8,675)
Administrative Charges	36,505	36,505	-	-	-	-				36,505
Billing	355,732	355,732	-	-	-	-				355,732
Revenue Offsets	(278,700)	(278,700)	-	-	-	-				(278,700)
Administrative Charges	159,922	159,922	-	-	-	-				159,922
Fire	44,935						44,935			44,935
Revenue Offsets	(2,105)						(2,105)			(2,105)
Administrative Charges	7,200						7,200			7,200
Treatment Plant Capital Costs		Treatment Capital Allocated Using B/EC (See Schedule HJS-5)								-
Treatment Plant Avg. Day	-	-	-	-	-	-	-			-
Treatment Plant Max. Day	-	-	-	-	-	-	-			-
Total To Recover through Rates	\$ 18,048,551	\$ 1,078,703	\$ 6,343,173	\$ 4,635,764	\$ 1,806,261	\$ 2,682,555	\$ 1,502,096	\$	\$ 18,048,551	

COST OF SERVICE PER UNIT

Description of Billing Units
Percentage of Dollars Allocated
Allocated Cost
Divided by: Number of Units
Unit Cost of Service

Metering						
(1)	(2)	(2)	(2)	(2)	(3)	
Equivalent meters x 12 months	1000's of gallons annually	1000's of gallons annually	1000's of gallons annually	1000's of gallons annually	Equivalent Connections	Total
2.8%	36.7%	28.4%	8.9%	12.7%	7.0%	100.0%
\$ 513,962	\$ 6,622,272	\$ 5,127,155	\$ 1,610,677	\$ 2,290,270	\$ 1,269,436	\$ 18,048,543
208,188	661,222	457,205	247,078	432,782	157,692	
\$2.4687	\$10.02	\$11.21	\$6.52	\$5.29	\$8.05	
per equiv per month	per 1000 gallons	per 1000 gallons	per 1000 gallons	per 1000 gallons	Equivalent connections	

Description of Billing Units
Percentage of Dollars Allocated
Allocated Cost
Divided by: Number of Units
Unit Cost of Service

Billing	Services	Hydrants
No. of bills per year	Equivalent Connections	No. of Hydrants
1.3%	1.8%	0.3%
\$ 236,954	\$ 327,788	\$ 50,030
175,084	274,672	1,039
\$1.3534	\$1.1934	\$48.1525
per bill	per equiv	per Hydrant

- (1) From HJS Schedule D-1 Compliance , 'Water Accounts, by Size and Class'.
(2) From HJS Schedule B-6 Compliance, 'Water Demand History'.
(3) From HJS Schedule D-2 Compliance, 'Fire Protection Accounts'.

Rhode Island Public Utilities Commission
Docket 4595
FY 2017 Rate Filing
HJS Schedule B-3 Compliance
Cost Allocation Bases

Allocation Basis	Used to allocate the following cost categories	Source Schedule	Base	Max Day	Max Hour	Metering	Billing	Services	Direct Fire Protection	Total % Allocated
Average Day Demand Patterns	<i>Supply, Laboratory</i>	N/A	100%							100%
Maximum Day Demand Patterns	<i>Treatment</i>	B-1	63%	37%	0%					100%
Maximum Hour Demand Patterns	<i>Pumping, Transmission/Distribution, Storage</i>	B-1	40%	24%	36%					100%
Fire Protection	<i>Public/Private Fire Protection Costs</i>	D-2							100%	100%
Non Admin less electricity & chemicals	<i>Administration Salaries, Wages, & Benefits</i>	B-1	60%	19%	7%	5%	6%	2%	0%	100%
Customer Service Salaries and Wages	<i>Customer Service Salaries, Wages, & Benefits</i>	B-4	0%	0%	0%	49%	39%	12%	0%	100%
Non-Administrative Wages & Salaries	<i>Administrative Labor Related</i>	B-1	58%	22%	8%	6%	5%	2%	0%	100%
Capital Costs	<i>Certain Legal and Administrative</i>	B-1	59%	27%	8%	4%	0%	2%	0%	0%
Total Non-Admin Costs before Offsets	<i>Certain Legal and Administrative</i>	B-1	64%	21%	7%	4%	2%	2%	0%	100%
Other Costs	<i>Administration Non-Salary Costs</i>	B-1	60%	19%	7%	5%	6%	2%	0%	100%
Treatment Plant Capital	<i>Treatment Capital Costs</i>	B-4	63%	37%	0%	0%	0%	0%	0%	

Rhode Island Public Utilities Commission
Docket 4595
FY 2017 Rate Filing
HJS Schedule B-4 Compliance
Allocation Analyses

Administration 15-500-2200

Salaries by Staff Position

Director of Utilities	\$ 76,683
Administrative Secretary	\$ 28,121
Deputy Director - Finance	\$ 56,548
Deputy Director - Engineering	\$ 65,365
Financial Analyst	\$ 54,865
Salary \$ Allocation Results	\$ 281,582

Resulting % Allocation of Administration Salaries, Wages, & Benefits

Allocation of Salary Costs							Total Allocated
Base	Max Day	Max Hour	Metering	Billing	Services	Direct Fire Protection	
60%	19%	7%	5%	6%	2%	0%	100%
60%	19%	7%	5%	6%	2%	0%	100%
60%	19%	7%	5%	6%	2%	0%	100%
60%	19%	7%	5%	6%	2%	0%	100%
60%	19%	7%	5%	6%	2%	0%	100%
\$ 170,134	\$ 53,192	\$ 20,612	\$ 15,288	\$ 16,475	\$ 4,732	\$ 1,148	\$ 281,582
60%	19%	7%	5%	6%	2%	0%	100%

Customer Service 15-500-2209

Salaries by Staff Position

Meter Repairman/Reader	\$ 46,419
Meter Repairman/Reader	\$ 44,244
Principal Account Clerk	\$ 37,889
Meter Repairman/Reader	\$ 46,372
Maintenance Mechanic	\$ 50,777
Principal Account Clerk	\$ 21,204
Water Meter Foreman	\$ 62,405
Salary \$ Allocation Results	\$ 309,310

Resulting % Allocation of Customer Service Salaries, Wages, & Benefits

	50%	50%		100%			
	50%	50%		100%			
		100%		100%			
	100%			100%			
	33%	33%	34%	100%			
	100%			100%			
	33%	33%	34%	100%			
	\$ 150,258	\$ 120,571	\$ 38,482	\$ 309,310			
0%	0%	0%	49%	39%	12%	0%	100%

Treatment Plant Capital

		Base (Avg. Day)	Max Day	Total
Treatment Station 1	\$ 2,271,925	\$ 1,420,474	\$ 851,452	\$ 2,271,925
Treatment Lawton Valley	2,563,796	\$ 1,602,960	\$ 960,836	\$ 2,563,796
Treatment Both Plants	473,082	\$ 295,785	\$ 177,298	\$ 473,082
	\$ 5,308,804	\$ 3,319,218	\$ 1,989,585	\$ 5,308,804

	Residential	Non-Residential	Navy	PWFD	Fire	Treatment Plant Capacity
Capacity Reserved for Avg. Day Demand (MGD) ¹	3.20	2.21	0.95	1.64	N/A	8
% of Avg. Day Treatment Capacity	40.0%	27.6%	11.9%	20.5%	N/A	100%
Capacity Reserved for Max. Day Demand (MGD) ¹	5.81	4.35	1.395	3.00	1.44	16
% of Max. Day Treatment Capacity	36.33%	27.20%	8.72%	18.75%	9.00%	100%

¹ Per Demand study to determine required treatment capacity for design of DB treatment plant projects.

Rhode Island Public Utilities Commission
Docket 4595
FY 2017 Rate Filing
HJS Schedule B-5 Compliance
Capital Functionalization

Functional Break Down of Existing Fixed Assets

		Supply	Treatment Station 1	Treatment Lawton Valley	Treatment Both Plants	T&D	T&D Pump	Fire	Meters	Services	Billing	
TRANSMISSION/DISTRIBUTION	\$ 34,349,799					100%						100%
LAWTON VALLEY	\$ 47,328,373			100%								100%
STATION 1	\$ 41,940,359		100%									100%
TREATMENT BOTH	\$ 8,733,230				100%							100%
STORAGE	\$ 1,877,251					100%						100%
SOURCE OF SUPPLY	\$ 25,539,067	100%										100%
METERS	\$ 6,575,750								100%			100%
SERVICES	\$ 3,726,343									100%		100%
T&D PUMPING	\$ 1,082,596						100%					100%
BILLING	\$ 262,302										100%	100%
FIRE	\$ 390,166							100%				100%
WORK IN PROGRESS		100%	0%	0%								100%
Total	\$ 171,805,236											
LABORATORY	\$ 80,000	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
LAND AND ROW	\$ 3,594,491	15%	24%	28%	5%	21%	1%	0%	4%	2%	0%	100%
	\$ 3,674,491											

Total Fixed Assets \$ 175,479,728

		Supply	Treatment Station 1	Treatment Lawton Valley	Treatment Both Plants	T&D	T&D Pump	Fire	Meters	Services	Billing	Total
TRANSMISSION/DISTRIBUTION	\$ 34,349,799	\$ -	\$ -	\$ -	\$ -	\$ 34,349,799	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 34,349,799
LAWTON VALLEY	\$ 47,328,373	-	-	47,328,373	-	-	-	-	-	-	-	47,328,373
STATION 1	\$ 41,940,359	-	41,940,359	-	-	-	-	-	-	-	-	41,940,359
TREATMENT BOTH	\$ 8,733,230	-	-	-	8,733,230	-	-	-	-	-	-	8,733,230
STORAGE	\$ 1,877,251	-	-	-	-	1,877,251	-	-	-	-	-	1,877,251
SOURCE OF SUPPLY	\$ 25,539,067	25,539,067	-	-	-	-	-	-	-	-	-	25,539,067
METERS	\$ 6,575,750	-	-	-	-	-	-	-	6,575,750	-	-	6,575,750
SERVICES	\$ 3,726,343	-	-	-	-	-	-	-	-	3,726,343	-	3,726,343
T&D PUMPING	\$ 1,082,596	-	-	-	-	-	1,082,596	-	-	-	-	1,082,596
BILLING	\$ 262,302	-	-	-	-	-	-	-	-	-	262,302	262,302
FIRE	\$ 390,166	-	-	-	-	-	-	390,166	-	-	-	390,166
WORK IN PROGRESS	\$ -	-	-	-	-	-	-	-	-	-	-	-
Total	\$ 171,805,236	\$ 25,539,067	\$ 41,940,359	\$ 47,328,373	\$ 8,733,230	\$ 36,227,050	\$ 1,082,596	\$ 390,166	\$ 6,575,750	\$ 3,726,343	\$ 262,302	\$ 171,805,236
		15%	24%	28%	5%	21%	1%	0%	4%	2%	0%	
LABORATORY	\$ 80,000	80,000	-	-	-	-	-	-	-	-	-	80,000
LAND AND ROW	\$ 3,594,491	534,326	877,472	990,199	182,716	757,939	22,650	8,163	137,577	77,962	5,488	3,594,491
	\$ 3,674,491	\$ 614,326	\$ 877,472	\$ 990,199	\$ 182,716	\$ 757,939	\$ 22,650	\$ 8,163	\$ 137,577	\$ 77,962	\$ 5,488	\$ 3,674,491
		17%	24%	27%	5%	21%	1%	0%	4%	2%	0%	
Total Allocated	\$ 26,153,393	\$ 42,817,831	\$ 48,318,572	\$ 8,915,946	\$ 36,984,988	\$ 1,105,246	\$ 398,329	\$ 6,713,328	\$ 3,804,305	\$ 267,790	\$ 175,479,728	
% of Total Asset Value		15%	24%	28%	5%	21%	1%	0%	4%	2%	0%	

Rhode Island Public Utilities Commission
Docket 4595
FY 2017 Rate Filing
HJS Schedule B-5 Compliance
Capital Functionalization

Page 2 of 2

Functionalization of Capital Costs

		Supply	Treatment Station 1	Treatment Lawton Valley	Treatment Both Plants	T&D	T&D Pump	Fire	Meters	Services	Billing	
Capital Spending Restricted Account	\$ 2,500,000	15%	24%	28%	5%	21%	1%	0%	4%	2%	0%	100%
Debt Service	\$ 6,811,000	15%	24%	28%	5%	21%	1%	0%	4%	2%	0%	100%
	\$ 9,311,000											

		Supply	Treatment Station 1	Treatment Lawton Valley	Treatment Both Plants	T&D	T&D Pump	Fire	Meters	Services	Billing	Total
Capital Spending Restricted Account	\$ 2,500,000	\$ 372,598	\$ 610,011	\$ 688,378	\$ 127,022	\$ 526,913	\$ 15,746	\$ 5,675	\$ 95,642	\$ 54,199	\$ 3,815	\$ 2,500,000
Debt Service	\$ 6,811,000	\$ 1,015,107	\$ 1,661,914	\$ 1,875,418	\$ 346,060	\$ 1,435,521	\$ 42,899	\$ 15,461	\$ 260,568	\$ 147,659	\$ 10,394	\$ 6,811,000
	\$ 9,311,000	\$ 1,387,706	\$ 2,271,925	\$ 2,563,796	\$ 473,082	\$ 1,962,433	\$ 58,645	\$ 21,135	\$ 356,211	\$ 201,857	\$ 14,209	\$ 9,311,000

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Annual Demand by Class	Annual Demand in 1000s Gallons														Demand Projection Options		Rate Year Demand Projection
	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	2-Year	3-Year	
Residential	773,872	780,666	736,577	716,037	749,409	757,478	780,264	690,544	644,285	640,966	618,574	663,331	651,514	670,930	661,222	661,925	661,222
Non-Residential	580,798	583,184	663,766	573,711	493,539	469,164	505,014	519,521	454,981	502,475	472,437	485,331	446,842	467,568	457,205	466,580	457,205
Navy	307,051	348,222	511,299	417,869	373,306	223,457	247,728	225,392	173,790	137,731	222,858	250,769	276,891	217,265	247,078	248,308	247,078
Portsmouth	455,142	451,723	422,944	429,465	463,253	450,942	473,338	444,777	412,324	398,827	407,837	411,578	455,255	410,309	432,782	425,714	432,782
Total (in 1000's Gallons)	2,116,863	2,163,795	2,334,586	2,137,082	2,079,508	1,901,042	2,006,344	1,880,234	1,685,380	1,679,999	1,721,706	1,811,009	1,830,502	1,766,072	1,798,287	1,802,528	1,798,287
		2.2%	7.9%	-8.5%	-2.7%	-8.6%	5.5%	-6.3%	-10.4%	-0.3%	2.5%	5.2%	1.1%	-3.5%			
		1%	-6%	-3%	5%	1%	3%	-11%	-7%	-1%	-3%	7%	-2%	3%			
		0%	14%	-14%	-14%	-5%	8%	3%	-12%	10%	-6%	3%	-8%	5%			
		13%	47%	-18%	-11%	-40%	11%	-9%	-23%	-21%	62%	13%	10%	-22%			
		-1%	-6%	2%	8%	-3%	5%	-6%	-7%	-3%	2%	1%	11%	-10%			

Combined Station #1 and LV WTP Production Volumes in 1,000 gals									Peaking Comparison		
									Production Peaks	System Peaks Estimated Billing Data	System Diversity Ratio (1)
2007	2008	2009	2010	2011	2012	2013	2014	2015			
Annual Production	2,456,363	2,524,784	2,437,440	2,440,630	2,304,024	2,059,646	2,071,219	2,115,343	2,027,100	2,071,221	2.15
Average Day Production	6,730	6,917	6,678	6,687	6,312	5,643	5,675	5,795	5,554	5,674.58	
Maximum Month Production	256,796	269,819	280,875	254,088	268,468	244,463	236,739	227,653	219,066	223,360	
Maximum Day Production	10,165	10,724	12,100	9,800	10,163	10,606	9,721	9,462	8,690	9,076	
Max Day Date	6/28/2007	8/4/2007	7/18/2008	8/23/2010	7/23/2011	7/7/2012	7/7/2012	7/6/2013	7/25/2014		
Maximum Day Peaking Factor	1.51	1.55	1.81	1.47	1.61	1.88	1.71	1.63	1.56	1.7	1.19
Max-Day to Avg. Day/Max-Month Ratio	1.19	1.23	1.34	1.20	1.17	1.34	1.27	1.29	1.23	1.3	
Maximum Hour	13,800	15,200	13,250	10,700	12,100	12,500	14,200	12,500	16,000	14,233	
Maximum Hour Peaking Factor	2.05	2.20	1.98	1.60	1.92	2.22	2.50	2.16	2.88	2.5	
									Coincident	Noncoincident	
									Excluding Fire Protection		

(1) Calculated according to AWWA M-1 Guidelines

Estimation of Each Customer Class' Peaking Factors

		Max Day Demand Factor	Max Hour Demand Factor
Customer Class	Residential	2.10	2.80
	Non-Residential	2.28	3.42
	Navy	2.04	2.71
	Portsmouth	2.13	2.85
	Fire		
Estimated Systemwide Peaks		2.15	2.97

(5)

(5) Fire peaking behavior is estimated using a separate methodology demonstrated in HJS Schedule B-11 Compliance, Fire Protection Demand Analysis'.

Customer Class	Rate Year Demand (1,000 gallons)					
	Annual Demand	Average Daily Demand	Lost Water Adjustment	Adjusted Average Daily Demand	% Average Demand by Class	% Average Demand Ex PWFD & 50% Navy
Residential	661,222	1,812	419	2,231	39.31%	54%
Non-Residential	457,205	1,253	290	1,542	27.18%	37%
Navy	247,078	677	39	716	12.62%	9%
Portsmouth	432,782	1,186	-	1,186	20.90%	0%
Fire					N/A	N/A
Total, w Fire Prot.	1,798,287	4,927	13%	5,675	100%	100%
(1)						
<i>Production</i>	2,071,221	5,675	13.18%			

Customer Class	Max Day Calculations				% of Daily Peaks			Max Hour Calculations			% of Hourly Peaks		
	Max Day Peaking Factor	Demand x Peaking Factor (3)	Incremental Peak Demand	% of Daily Peaks	With Full PWFD & Navy	Without PWFD & 50% Navy	Without PWFD	Max Hour Peaking Factor	Demand x Peaking Factor	Incremental Peak Demand	With Full PWFD & Navy	Without PWFD & 50% Navy	Without PWFD
Residential	2.10	4,691	2,460	30.9%	30.9%	39.4%	37.2%	2.80	6,255	1,564	17.4%	19.8%	19.2%
Non-Residential	2.28	3,513	1,970	24.8%	24.8%	31.6%	29.8%	3.42	5,269	1,756	19.6%	22.3%	21.6%
Navy	2.04	1,457	741	9.3%	9.3%	5.9%	11.2%	2.71	1,943	486	5.4%	3.1%	6.0%
Portsmouth	2.13	2,530	1,345	16.9%	16.9%	0.0%	0.0%	2.85	3,374	843	9.4%	0.0%	0.0%
Fire	(2)	1,440	1,440	18.1%	18.1%	23.1%	21.8%		5,760	4,320	48.2%	54.8%	53.2%
Total, w Fire Prot.		13,631	7,956	100.0%	100.0%	100.0%	100.0%		22,600	8,969	100.0%	100.0%	100.0%
Total, without Fire Protection		12,191	6,516						16,840	4,649			
(demand is in thousands of gallons)													

- (1) From HJS Schedule D-4 Compliance. The lost water adjustment is made to the peaking analysis so that Portsmouth will not share in that portion of certain operating costs. Navy allocation is reduced to 25%.
- (2) From HJS Schedule B-11 Compliance, Fire Protection Demand Analysis'.

EACH RATE CLASS' SHARE OF SYSTEM PEAKS

<u>Rate Class</u>	Average Demand	Daily Peaks	Hourly Peaks
Retail			
Residential	39%	31%	17%
Non-Residential	27%	25%	20%
Navy	13%	9%	5%
Portsmouth	21%	17%	9%
Fire	N/A	18%	48%
	100%	100%	100%

BASE/EXTRA-CAPACITY DISTRIBUTION OF SYSTEM PEAKS

	Incremental Demand	% Distribution for Max Day	% Distribution for Max Hour
Base	5,675	62.5%	39.9%
Extra Capacity			
Max Day	3,401	37.5%	23.9%
Max Hour	5,157		36.2%
Fire Protection			
Max Day	-	0.0%	0.0%
Max Hour	-		0.0%
Total%		100.0%	100.0%
Total 1000's Gallons		9,076	14,233

FIRE PROTECTION ASSUMPTIONS

Fire Protection Flow	(gals per minute)	4,000
Hourly Fire Protection Flow (1000's of gallons)		240
Length of Fire Event (in hours)		6

Rhode Island Public Utilities Commission

Docket 4595

FY 2017 Rate Filing

HJS Schedule D-1 Compliance

Water Accounts, by Size and Class

Connection Size	Meter Factors	NON-RESIDENTIAL		RESIDENTIAL		WHOLESALE (Monthly)			
		Meter Read Frequency	Equivalent Meters	Meter Read Frequency	Equivalent Meters	Navy		Portsmouth	
		Monthly	Monthly	Monthly	Monthly	Meters	Equivalents	Meters	Equivalents
5/8	1.0	890	890	9,854	9,854	5	5	0	0
3/4	1.1	305	336	2,190	2,409	1	1	0	0
1	1.4	220	308	346	484	1	1	0	0
1.5	1.8	197	355	178	320	1	2	0	0
2	2.9	168	487	94	273	1	3	0	0
3	11.0	40	440	18	198	0	0	0	0
4	14.0	14	196	2	28	0	0	1	14
5	18.0	-	-	-	-	0	0	0	0
6	21.0	16	336	8	168	8	168	0	0
8	29.0	-	-	1	29	0	0	0	0
10	43.5	-	-	-	-	1	44	0	0
Total	14,560	1,850	3,348	12,691	13,763	18	224	1	14

Billed Monthly
Billed Quarterly
Billed Annually

Equivalent Billing Units	
14,560	174,720
-	-
364	364
Total	175,084

Equivalent Meter Units	
17,349	208,188
-	-
N/A	N/A
Total	208,188

Rhode Island Public Utilities Commission

Docket 4595

FY 2017 Rate Filing

HJS Schedule D-2 Compliance

Fire Protection Accounts

	Connection Size	Existing Differential	Number of Connections	Equivalent Connections (2)	
Public Hydrants					
Newport	6	111.31	620	69,013	
Middletown	6	111.31	410	45,637	
Portsmouth	6	111.31	9	1,002	% of Equiv Connections
Subtotal: Public Hydrants			1039	115,652	73%
Private Fire Connections					
	2	6.19	0	-	
	4	38.32	74	2,836	
	6	111.31	235	26,158	
	8	237.21	55	13,046	
	10	426.58	0	-	% of Equiv Connections
	12	689.04	0	-	
Subtotal: Private Fire Connections			364	42,040	27%
Total Fire Connections			1,403	157,692	100%

- (1) Demand factors are based on the principles of the Hazen-Williams equation for flow through pressure conduits. For more information, see the AWWA M1 rate manual chapter on fire protection charges.
- (2) Equivalent connections are arrived at by multiplying the number of connections by the demand factor.

General Water Service

Connection Size	Service Cost	No. of Services	Equivalent Connections	
5/8	1.000	10,749	10,749	
3/4	1.000	2,496	2,496	
1	1.860	567	1,055	
1.5	4.630	376	1,741	
2	6.150	263	1,617	
3	11.060	58	641	
4	11.060	17	188	
5	11.060	0	0	
6	11.060	32	354	
8	11.060	1	11	% of Equiv Connections
10	11.060	1	11	
Subtotal General Service		14,560	18,863	82%
Private Fire Connections				
	2	6.150	0	-
	4	11.060	74	818
	6	11.060	235	2,599
	8	11.060	55	608
	10	11.060	0	-
	12	11.060	0	-
Subtotal: Private Fire Connections		364	4,026	18%
Annualized			12	
Total Retail & Private Fire Connections		14,924	274,672	100%

Rhode Island Public Utilities Commission
Docket 4595
FY 2017 Rate Filing
HJS Schedule D-3 Compliance
Production Summary

Max. Month:	Station #1		Max. Month:	Lawton Valley		Max. Month:	Combined	
	In Gallons	in 1000's		In Gallons	in 1000's		In Gallons	in 1000's
<u>FY 12 JULY 2011 - JUNE 2012</u>								
July	1,183,810,000	1,183,810	July	875,836,000	875,836	July	2,059,646,000	2,059,646
	145,762,000	145,762		98,700	99		244,462,700	244,463
<u>FY 13 JULY 2012 - JUNE 2013</u>								
July	1,076,157,000	1,076,157	July	995,062,000	995,062	July	2,071,219,000	2,071,219
	116,038,000	116,038		120,700,600	120,701		236,738,600	236,739
<u>FY14 JULY 2013 - JUNE 2014</u>								
September	1,151,855,000	1,151,855	July	963,487,700	963,488	July	2,115,342,700	2,115,343
	123,318,000	123,318		113,098,100	113,098		227,653,100	227,653
<u>FY 15 JULY 2014 - JUNE 2015</u>								
July	874,221,000	874,221	August	1,152,879,049	1,152,879	August	2,027,100,049	2,027,100
	103,314,000	103,314		117,426,100	117,426		219,066,100	219,066
<u>FY16 JULY 2015 - JUNE 2016</u>								

MAX DAY PRODUCTION AVAILABLE FOR SALE

	Station #1			Lawton Valley			Combined		
	Max Day Production			Max Day Production			Max Day Production		
	Max Day	In Gallons	in 1000's	Max Day	In Gallons	in 1000's	Max Day	In Gallons	in 1000's
<u>FY 12 JULY 2011 - JUNE 2012</u>	7/4/2011	5,703,000	5,703	8/3/2011	5,981,000	5,981	7/23/2011	10,606,000	10,606
<u>FY 13 JULY 2012 - JUNE 2013</u>	7/6/2012	4,697,000	4,697	9/25/2012	5,400,000	5,400	7/7/2012	9,721,000	9,721
<u>FY14 JULY 2013 - JUNE 2014</u>	9/30/2013	4,749,000	4,749	7/6/2013	5,025,000	5,025	7/6/2013	9,462,000	9,462
<u>FY 15 JULY 2014 - JUNE 2015</u>	9/16/2014	4,096,000	4,096	7/25/2014	5,100,000	5,100	7/25/2014	8,690,000	8,690
<u>FY16 JULY 2015 - JUNE 2016</u>									

PEAK HOURLY FLOW

	Date	Station #1		Date	Lawton Valley	
<u>FY 12 JULY 2011 - JUNE 2012</u>	7/5/2011	6.50	MGD	7/7/2011	6.0	MGD
<u>FY 13 JULY 2012 - JUNE 2013</u>	6/11/2013	8.20	MGD	7/17/2012	6.0	MGD
<u>FY14 JULY 2013 - JUNE 2014</u>	10/16/2013	6.50	MGD	7/7/2013	6.0	MGD
<u>FY 15 JULY 2014 - JUNE 2015</u>	8/29/2014	9.00	MGD	11/12/2014	7.0	MGD
<u>FY16 JULY 2015 - JUNE 2016</u>						

Rhode Island Public Utilities Commission
Docket 4595
FY 2017 Rate Filing
HJS Schedule D-4 Compliance
Demand Summary

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
Fiscal Year Annual Demand										
Residential	718,022	757,478	780,264	690,544	644,285	640,966	618,574	663,331	651,514	670,930
Non-Residential	505,804	469,164	505,014	519,521	454,981	502,475	472,437	485,331	446,842	467,568
Navy	373,306	223,457	247,728	225,392	173,790	137,731	222,858	250,769	276,891	217,265
Portsmouth	453,618	450,942	473,338	444,777	412,324	398,827	407,837	411,578	455,255	410,309
Total 1000's Gallons	2,050,751	1,901,042	2,006,344	1,880,234	1,685,380	1,679,999	1,721,706	1,811,009	1,830,502	1,766,072
		-7.3%	5.5%	-6.3%	-10.4%	-0.3%	2.5%	5.2%	1.1%	-3.5%

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
Max Month Demand									
Residential	79,586	103,115	83,630	83,630	83,630		196,307	185,908	76,838
Commercial	51,545	66,684	61,978	61,978	61,978		67,646	78,970	58,767
Navy	29,771	30,475	24,640	24,640	24,640		25,677	33,876	30,167
Portsmouth	51,270	58,023	61,048	46,840	46,840		51,672	50,961	45,224
NonCoincident Max Month	212,172	258,296	231,296	217,088	217,088	-	341,302	349,715	210,996
Coincident Max Month	196,132	221,941	201,008				314,693	335,417	
Production Volume, Max Month	256,796	269,819	280,875						

Unaccounted for Water Analysis

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	3 Year Average	2 Year Average
Billed Consumption (1,000 gals.)	1,901,042	2,006,344	1,880,234	1,685,380	1,679,999	1,721,706	1,811,009	1,830,502	1,766,072	1,802,528	1,798,287
Total Water Produced (1,000 gals.)	2,456,363	2,524,784	2,437,440	2,440,630	2,304,024	2,059,646	2,071,219	2,115,343	2,027,100	2,071,221	2,071,221
Unaccounted for Water (1,000 gals.)	555,321	518,440	557,206	755,250	624,026	337,940	260,210	284,841	261,028	268,693	272,935
Percent Unaccounted for Water	22.61%	20.53%	22.86%	30.94%	27.08%	16.41%	12.56%	13.47%	12.88%	12.97%	13.18%

Rhode Island Public Utilities Commission
Docket 4595
FY 2017 Rate Filing
HJS Schedule D-5 Compliance
Development of Pumping Costs

Pumping Labor and Benefits

Station One		Lawton Valley	
Labor hours per day pump	0.5000	Labor hours per day pumping	0.5000
Days per year	365	Days per year	365
Total Hours	182.5000	Total Hours	182.5000
Average per hour pay	\$25.59	Average per hour pay	\$24.52
Average per hour benefits	\$13.48	Average per hour benefits	\$14.18
Pumping Salaries	\$4,670.18	Pumping Salaries	\$4,474.90
Pumping Benefits	\$2,460.10	Pumping Benefits	\$2,587.85

Pumping Repairs and Supplies

Station One		Lawton Valley	
50275 Repair & Maintenance - Equipment		Repair & Maintenance - Equipment	
None	\$0.00	Vendor	amount
Total Repair & Maintenance Pumping	\$0.00	None	\$0.00
		Total Repair & Maintenance Pumping	\$0.00
50311 Operating Supplies		Operating Supplies	
Vendor	amount	Vendor	amount
Total - Operating Supplies - Pumping	\$0.00	Total Operating Supplies Pumping	\$0.00

Pumping Electricity

Station One		Lawton Valley	
Annual Pumping Power	\$2,132	Annual Pumping Power	\$67,529

Total Pumping Costs

Station One		Lawton Valley	
Pumping Salaries	\$4,670	Pumping Salaries	\$4,475
Pumping Benefits	\$2,460	Pumping Benefits	\$2,588
Total Repair & Maintenance Pumping	\$0	Total Repair & Maintenance Pumping	\$0
Total - Operating Supplies - Pumping	\$0	Total Operating Supplies Pumping	\$0
Annual Pumping Power	\$2,132	Annual Pumping Power	\$67,529
Total Annual Pumping Costs	\$9,262	Total Annual Pumping Costs	\$74,592

Rhode Island Public Utilities Commission
Docket 4595
FY 2017 Rate Filing
HJS Schedule D-6 Compliance
Debt Service Restricted Account Cashflow

Debt Service Account**Beginning Cash Balance****Additions**

From Rates
From Capital Restricted Acct.
Interest Income

Total Additions**Deductions**

Existing Debt Service
To Capital Restricted Acct.
Proposed Debt Service

Total Deductions**Ending Cash Balance**

FY 2012 Actual											
July	August	September	October	November	December	January	February	March	April	May	June
\$ 1,989,949	\$ 1,989,964	\$ 2,325,118	\$ 1,789,176	\$ 1,952,745	\$ 1,555,935	\$ 1,688,396	\$ 1,820,952	\$ 1,953,399	\$ 3,105,596	\$ 3,238,043	\$ 3,353,004
	\$335,137	\$167,569	\$167,569	\$167,569	\$132,447	\$132,447	\$132,447	\$132,447	\$132,447	\$132,447	\$132,447
-	-	-	-	-	-	-	-	1,310,042	-	-	-
15	17	18	14	15	14	108	0	0	0	0	0
\$ 15	\$ 335,154	\$ 167,587	\$ 167,583	\$ 167,584	\$ 132,461	\$ 132,556	\$ 132,447	\$ 1,442,489	\$ 132,447	\$ 132,447	\$ 132,447
		703,529	4,015	564,393			-	290,293		17,486	401
\$ -	\$ -	\$ 703,529	\$ 4,015	\$ 564,393	\$ -	\$ -	\$ -	\$ 290,293	\$ -	\$ 17,486	\$ 401
\$ 1,989,964	\$ 2,325,118	\$ 1,789,176	\$ 1,952,745	\$ 1,555,935	\$ 1,688,396	\$ 1,820,952	\$ 1,953,399	\$ 3,105,596	\$ 3,238,043	\$ 3,353,004	\$ 3,485,051

Annual
Contribution
From Rates
\$1,764,975

Annual Debt
Service
Payments
\$ 1,580,116

Debt Service Account**Beginning Cash Balance****Additions**

From Rates
From Capital Restricted Acct.
Interest Income

Total Additions**Deductions**

To Capital Restricted Acct.
Existing Debt Service

Total Deductions**Ending Cash Balance**

FY 2013 Actual											
July	August	September	October	November	December	January	February	March	April	May	June
\$ 3,485,051	\$ 3,617,499	\$ 3,749,946	\$ 2,644,279	\$ 2,776,727	\$ 2,520,419	\$ 2,520,419	\$ 1,475,292	\$ 1,607,739	\$ 1,037,970	\$ 1,170,417	\$ 1,302,864
\$132,447	\$132,447	\$132,447	\$132,447	\$132,447		\$264,895	\$132,447	\$132,447	\$132,447	\$132,447	\$321,865
-	-	-	-	-	-	-	-	-	-	-	-
0	0	0	0	0	0	19	0	0	0	0	9
\$ 132,447	\$ 132,447	\$ 132,447	\$ 132,447	\$ 132,447	\$ 0	\$ 264,914	\$ 132,447	\$ 132,447	\$ 132,447	\$ 132,447	\$ 321,874
		1,238,114		388,755				702,217			
\$ -	\$ -	\$ 1,238,114	\$ -	\$ 388,755	\$ -	\$ -	\$ -	\$ 702,217	\$ -	\$ -	\$ -
\$ 3,617,499	\$ 3,749,946	\$ 2,644,279	\$ 2,776,727	\$ 2,520,419	\$ 2,520,419	\$ 1,475,292	\$ 1,607,739	\$ 1,037,970	\$ 1,170,417	\$ 1,302,864	\$ 1,624,738

Annual
Contribution
From Rates
\$1,778,786

Annual Debt
Service
\$ 2,329,086

Debt Service Account**Beginning Cash Balance****Additions**

From Rates
From Capital Restricted Acct.
Interest Income

Total Additions**Deductions**

To Capital Restricted Acct.
Existing Debt Service

Total Deductions**Ending Cash Balance**

FY 2014 Actual											
July	August	September	October	November	December	January	February	March	April	May	June
\$ 1,624,738	\$ 1,936,007	\$ 850,248	\$ 1,161,524	\$ 1,472,779	\$ 1,773,422	\$ 2,084,681	\$ 2,395,942	\$ 2,707,204	\$ 1,675,614	\$ 1,986,873	\$ 1,986,881
\$311,251	\$311,251	\$311,251	\$311,251	\$311,251	\$311,251	\$311,251	\$311,251	\$311,251	\$311,251	\$0	\$622,503
-	-	-	-	-	-	-	-	-	-	-	-
17	22	24	4	-	8	9	11	11	8	8	10
\$ 311,269	\$ 311,274	\$ 311,275	\$ 311,256	\$ 311,251	\$ 311,259	\$ 311,261	\$ 311,262	\$ 311,263	\$ 311,259	\$ 8	\$ 622,513
-	-	-	-	-	-	-	-	-	-	-	-
\$ -	\$ 1,397,032	\$ -	\$ -	\$ 10,609	\$ -	\$ -	\$ -	\$ 1,342,853	\$ -	\$ -	\$ -
\$ -	\$ 1,397,032	\$ -	\$ -	\$ 10,609	\$ -	\$ -	\$ -	\$ 1,342,853	\$ -	\$ -	\$ -
\$ 1,936,007	\$ 850,248	\$ 1,161,524	\$ 1,472,779	\$ 1,773,422	\$ 2,084,681	\$ 2,395,942	\$ 2,707,204	\$ 1,675,614	\$ 1,986,873	\$ 1,986,881	\$ 2,609,394

Annual
Contribution
From Rates
\$3,735,016

Annual Debt
Service
2,750,494

FY 2015												
	July	August	September	October	November	December	January	February	March	April	May	June
Debt Service Account												
Beginning Cash Balance	\$ 2,609,394	\$ 3,176,988	\$ 4,209,585	\$ 571,079	\$ 673,663	\$ 1,241,249	\$ 1,808,836	\$ 2,376,426	\$ 2,944,018	\$ 2,079,572	\$ 2,647,164	\$ 3,214,757
Additions												
From Rates	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583
From Capital Restricted Acct.	\$ -	\$ 465,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interest Income	12	14	17	1	3	4	7	10	11	8	11	14
Total Additions	\$ 567,595	\$ 1,032,597	\$ 567,600	\$ 567,584	\$ 567,586	\$ 567,587	\$ 567,590	\$ 567,593	\$ 567,594	\$ 567,591	\$ 567,594	\$ 567,597
Deductions												
To Capital Restricted Acct.	-	-	-	465,000	-	-	-	-	-	-	-	-
Existing Debt Service	-	-	4,206,106	-	-	-	-	-	1,432,040	-	-	-
Total Deductions	\$ -	\$ -	\$ 4,206,106	\$ 465,000	\$ -	\$ -	\$ -	\$ -	\$ 1,432,040	\$ -	\$ -	\$ -
Ending Cash Balance	\$ 3,176,988	\$ 4,209,585	\$ 571,079	\$ 673,663	\$ 1,241,249	\$ 1,808,836	\$ 2,376,426	\$ 2,944,018	\$ 2,079,572	\$ 2,647,164	\$ 3,214,757	\$ 3,782,354
FY 2016												
	July	August	September	October	November	December	January	February	March	April	May	June
Debt Service Account												
Beginning Cash Balance	\$ 3,782,354	\$ 4,349,953	\$ 5,304,709	\$ 70,593	\$ 638,176	\$ 1,205,760	\$ 1,773,347	\$ 2,340,936	\$ 2,908,528	\$ 2,080,618	\$ 2,648,209	\$ 3,215,803
Additions												
From Rates	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583
From Capital Restricted Acct.	-	529,779	-	-	-	-	-	-	-	-	-	-
Interest Income	16	20	23	0	1	4	6	9	12	8	11	14
Total Additions	\$ 567,599	\$ 1,097,382	\$ 567,606	\$ 567,583	\$ 567,584	\$ 567,587	\$ 567,589	\$ 567,592	\$ 567,595	\$ 567,591	\$ 567,594	\$ 567,597
Deductions												
To Capital Restricted Acct.	-	-	529,779	-	-	-	-	-	-	-	-	-
Existing Debt Service	-	142,627	5,271,942	-	-	-	-	-	1,395,505	-	-	-
Total Deductions	\$ -	\$ 142,627	\$ 5,801,722	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,395,505	\$ -	\$ -	\$ -
Ending Cash Balance	\$ 4,349,953	\$ 5,304,709	\$ 70,593	\$ 638,176	\$ 1,205,760	\$ 1,773,347	\$ 2,340,936	\$ 2,908,528	\$ 2,080,618	\$ 2,648,209	\$ 3,215,803	\$ 3,783,400
FY 2017												
	July	August	September	October	November	December	January	February	March	April	May	June
Debt Service Account												
Beginning Cash Balance	\$ 3,783,400	\$ 4,872,983	\$ 5,440,566	\$ 558,474	\$ 1,126,057	\$ 1,693,640	\$ 2,261,223	\$ 2,828,806	\$ 3,396,389	\$ 2,608,662	\$ 3,176,245	\$ 3,743,828
Additions												
From Rates	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583
From Capital Restricted Acct.	-	-	-	-	-	-	-	-	-	-	-	-
From Accrued Benefits Buyout and Retiree Ins.	\$522,000	-	-	-	-	-	-	-	-	-	-	-
Interest Income	-	-	-	-	-	-	-	-	-	-	-	-
Total Additions	\$ 1,089,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583
Deductions												
To Capital Restricted Acct.	-	-	-	-	-	-	-	-	-	-	-	-
Existing Debt Service	-	-	5,449,674	-	-	-	-	-	1,355,310	-	-	-
Total Deductions	\$ -	\$ -	\$ 5,449,674	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,355,310	\$ -	\$ -	\$ -
Ending Cash Balance	\$ 4,872,983	\$ 5,440,566	\$ 558,474	\$ 1,126,057	\$ 1,693,640	\$ 2,261,223	\$ 2,828,806	\$ 3,396,389	\$ 2,608,662	\$ 3,176,245	\$ 3,743,828	\$ 4,311,411

Annual
Contribution
From Rates
\$6,810,996

Annual Debt
Service
\$ 5,638,146

Annual
Contribution
From Rates
\$6,810,996

Annual Debt
Service
\$ 6,810,074

Annual
Contribution
From Rates
\$6,810,996

Annual Debt
Service
\$ 6,804,984

FY 2018													
July	August	September	October	November	December	January	February	March	April	May	June		
Debt Service Account													
Beginning Cash Balance	\$ 4,311,411	\$ 4,878,994	\$ 5,446,577	\$ 523,886	\$ 1,091,469	\$ 1,659,052	\$ 2,226,635	\$ 2,794,218	\$ 3,361,801	\$ 2,619,343	\$ 3,186,926	\$ 3,754,509	<div>Annual Contribution From Rates</div> <div>\$6,810,996</div>
Additions													
From Rates	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	
From Capital Restricted Acct.	-	-	-	-	-	-	-	-	-	-	-	-	
Interest Income	-	-	-	-	-	-	-	-	-	-	-	-	
Total Additions	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	
Deductions													<div>Annual Debt Service</div> <div>\$ 6,800,316</div>
To Capital Restricted Acct.	-	-	-	-	-	-	-	-	-	-	-	-	
Existing Debt Service	-	-	5,490,274	-	-	-	-	-	1,310,042	-	-	-	
Total Deductions	\$ -	\$ -	\$ 5,490,274	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,310,042	\$ -	\$ -	\$ -	
Ending Cash Balance	\$ 4,878,994	\$ 5,446,577	\$ 523,886	\$ 1,091,469	\$ 1,659,052	\$ 2,226,635	\$ 2,794,218	\$ 3,361,801	\$ 2,619,343	\$ 3,186,926	\$ 3,754,509	\$ 4,322,092	

FY 2019													
July	August	September	October	November	December	January	February	March	April	May	June		
Debt Service Account													
Beginning Cash Balance	\$ 4,322,092	\$ 4,889,675	\$ 5,457,258	\$ 487,623	\$ 1,055,206	\$ 1,622,789	\$ 2,190,372	\$ 2,757,955	\$ 3,325,538	\$ 2,633,740	\$ 3,201,323	\$ 3,768,906	<div>Annual Contribution From Rates</div> <div>\$6,810,996</div>
Additions													
From Rates	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	
From Capital Restricted Acct.	-	-	-	-	-	-	-	-	-	-	-	-	
Interest Income	-	-	-	-	-	-	-	-	-	-	-	-	
Total Additions	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	
Deductions													<div>Annual Debt Service</div> <div>\$ 6,796,598</div>
To Capital Restricted Acct.	-	-	-	-	-	-	-	-	-	-	-	-	
Existing Debt Service	-	-	5,537,218	-	-	-	-	-	1,259,381	-	-	-	
Total Deductions	\$ -	\$ -	\$ 5,537,218	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,259,381	\$ -	\$ -	\$ -	
Ending Cash Balance	\$ 4,889,675	\$ 5,457,258	\$ 487,623	\$ 1,055,206	\$ 1,622,789	\$ 2,190,372	\$ 2,757,955	\$ 3,325,538	\$ 2,633,740	\$ 3,201,323	\$ 3,768,906	\$ 4,336,489	

FY 2020													
July	August	September	October	November	December	January	February	March	April	May	June		
Debt Service Account													
Beginning Cash Balance	\$ 4,336,489	\$ 4,904,072	\$ 5,471,655	\$ 449,041	\$ 1,016,624	\$ 1,584,207	\$ 2,151,790	\$ 2,719,373	\$ 3,286,956	\$ 2,650,383	\$ 3,217,966	\$ 3,785,549	<div>Annual Contribution From Rates</div> <div>\$6,810,996</div>
Additions													
From Rates	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	\$567,583	
From Capital Restricted Acct.	-	-	-	-	-	-	-	-	-	-	-	-	
Interest Income	-	-	-	-	-	-	-	-	-	-	-	-	
Total Additions	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	\$ 567,583	
Deductions													<div>Annual Debt Service</div> <div>\$ 6,794,353</div>
To Capital Restricted Acct.	-	-	-	-	-	-	-	-	-	-	-	-	
Existing Debt Service	-	-	5,590,197	-	-	-	-	-	1,204,155	-	-	-	
Total Deductions	\$ -	\$ -	\$ 5,590,197	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,204,155	\$ -	\$ -	\$ -	
Ending Cash Balance	\$ 4,904,072	\$ 5,471,655	\$ 449,041	\$ 1,016,624	\$ 1,584,207	\$ 2,151,790	\$ 2,719,373	\$ 3,286,956	\$ 2,650,383	\$ 3,217,966	\$ 3,785,549	\$ 4,353,132	

Annual
Contribution
From Rates
\$6,810,996

Annual Debt
Service
\$ 6,800,316

Annual
Contribution
From Rates
\$6,810,996

Annual Debt
Service
\$ 6,796,598

Annual
Contribution
From Rates
\$6,810,996

Annual Debt
Service
\$ 6,794,353

Rhode Island Public Utilities Commission
Docket 4595
FY 2017 Rate Filing
HJS Schedule D-7 Compliance
Demand Factor Calculations

FY 2015 Retail Billed Consumption¹

	July	August	September	October	November	December	January	February	March	April	May	June	Total	Avg Day	Max Mon	Avg Day
Residential	62,233	70,970	75,691	67,674	62,773	48,876	42,772	57,187	42,091	39,574	51,478	47,554	668,873	1,833	75,691	2,523
Non Residential	47,402	52,743	58,767	50,371	46,452	36,419	26,733	30,526	24,069	24,918	34,950	34,218	467,568	1,281	58,767	1,959

1 - Residential consumption for July is actually from July 2015 since the July 2014 bill was a quarterly bill and included consumption for a three month period.

	Based on Monthly Billing Data		Based on Daily Meter Data ²	
	Residential	Non Residential	Navy	PWFD
FY 2015 Average Day (MGD)	1.83	1.28	FY 2015 Average Day	0.54
Avg. Day of Max Month (MGD)	2.52	1.96	FY 15 Maximum Day	1.10
MM/AD Factor	1.38	1.53	Max Day/Avg Day	2.13
System MD/MM Ratio	1.27	1.27		
Weekly Usage Adjustment	1.20	1.17		
Max Day Capacity Factor	2.10	2.28	Max Day Capacity Factor	2.04
				2.13

2 - Max Day Demand Factors for PWFD and the Navy are based on daily meter read data. PWFD data provided by W. McGlinn. Navy data gathered using data profilers installed on Navy meters.

System Demand Data

System Avg. Day	5.67
System Max Day	9.72
Avg. Day of System Max. Month	7.64
System MD/MM Ratio	1.27

Max Day Diversity Factor Calculation	Residential	Commercial	Navy	PWFD
Class Average Day (mgd)	1.83	1.28	0.54	1.12
Class MD Demand Factor	2.10	2.28	2.04	2.13
Max Day Demand (Avg. Day X MD Demand Factor)	3.85	2.92	1.10	2.39
				10.3
System Average Day (mgd)	5.67	Year	2013	UAW Adj.
System Maximum Day (mgd)	9.72			11%
System Maximum Hour (mgd)	14.20			
	MD Demand	AD Demand		
Noncoincident MD Capacity Factor	10.3	/	5.67	=
Coincident MD Capacity Factor	9.7	/	5.67	=
				1.71
				Max Day Diversity Factor
				1.06

Maximum Hour Demand Factor Calculation	Residential	Commercial	Navy	PWFD
MD Capacity Factor	2.10	2.28	2.04	2.13
Estimated Maximum-Hour (MH)/MD Ratio ³	1.33	1.50	1.33	1.33
Calculated MH Capacity Factor	2.80	3.42	2.71	2.85
Max Hour Diversity Factor Calculation	Residential	Commercial	Navy	PWFD
Class Average Day (mgd)	1.83	1.28	0.54	1.12
Class MH Demand Factor	2.80	3.42	2.71	2.85
Max Hour Demand (Avg. Day X MH Demand Factor)	5.1	4.4	1.5	3.2
				14.17
System Average Day (mgd)	5.7			
System Maximum Day (mgd)	9.7			
System Maximum Hour (mgd)	14.2			
	MD Demand	AD Demand		
Noncoincident MH Capacity Factor	14.2	/	5.7	=
Coincident MH Capacity Factor	14.20	/	5.7	=
				2.50
				Max Hour Diversity Factor
				1.00

3- MH/MD Ratio Assumptions:

Residential =24 hr. / 18 hr.
Commercial =24 hr. / 16 hr.
Navy =24 hr. / 18 hr.
PWFD =24 hr. / 18 hr.

Rhode Island Public Utilities Commission
Docket 4595
FY 2017 Rate Filing
HJS Schedule D-8 Compliance
Comparison With Gradualism

			A			B		
			Cost of Service Rates			Rates With Gradualism		
			Proposed Rates	% Change	Projected Revenues	Proposed Rates	% Change	Projected Revenues
Base Charge (per bill)								
Monthly								
5/8	\$	5.02	3%	\$647,520	\$	5.02	3%	\$647,520
3/4	\$	5.27	5%	\$157,847	\$	5.27	5%	\$157,847
1	\$	7.03	16%	\$47,832	\$	7.03	16%	\$47,832
1.5	\$	11.33	29%	\$51,121	\$	11.33	29%	\$51,121
2	\$	15.86	40%	\$50,054	\$	15.86	40%	\$50,054
3	\$	41.71	65%	\$29,030	\$	41.71	65%	\$29,030
4	\$	49.12	70%	\$9,431	\$	49.12	70%	\$9,431
5	\$	58.99	75%	\$0	\$	58.99	75%	\$0
6	\$	66.40	77%	\$25,498	\$	66.40	77%	\$25,498
8	\$	86.15	82%	\$1,034	\$	86.15	82%	\$1,034
10	\$	121.95	87%	\$1,463	\$	121.95	87%	\$1,463
Portsmouth Base Charge (4")			\$	1.36	-52%	\$	1.36	-52%
				\$1,020,846			\$1,020,846	
Volume Charge (per 1,000 gallons)								
Retail								
Residential	\$	9.60	-4%	6,347,731	\$	10.02	0%	6,625,444
Non-Residential	\$	10.14	-10%	4,636,059	\$	11.22	0%	5,129,840
				10,983,790			11,755,285	
Wholesale								
Navy	\$	7.3105	12%	1,806,264	\$	6.5190	0%	1,610,701
Portsmouth Water & Fire District	\$	6.1985	20%	2,682,598	\$	5.2920	3%	2,290,282
				4,488,862			3,900,983	
Fire Protection								
Public (per hydrant)	\$	1,073.13	14%	1,114,982	\$	944.22	0%	981,045
Private (by Connection Size)								
Connection Size	Existing Charge Differential							
<2	\$	34.97	35%	-	\$	33.26	28%	-
2	\$	146.43	35%	-	\$	139.26	28%	-
4	\$	512.60	28%	37,932	\$	468.22	17%	34,648
6	\$	1,184.72	25%	278,409	\$	1,055.81	11%	248,115
8	\$	2,344.00	23%	128,920	\$	2,069.28	9%	113,810
10	\$	4,087.79	23%	-	\$	3,593.75	8%	-
12	\$	6,504.61	22%	-	\$	5,706.61	7%	-
				\$ 445,262			\$ 396,574	
				\$ 18,053,742			\$ 18,054,733	

Newport Water Division
 Budget for Rate Filing
 FY 2017
 HJS Schedule D-9 Compliance
 Expense Detail - Administration
 15-500-2200

Account	Description	comments	Docket 4243	Actual FY 2015 Test Year	Change from Test year to Proposed	BudgetFY 2016	Proposed FY 2017 Rate Year
50001	Salaries & Wages						\$ 3
	Director of Utilities - 60%	S12-H					
	Aministrative Secretary - 60%	NO1-12					
	Deputy Director - Finance - 60%	S10-I					
	Deputy Director - Finance - 60%	S10-E					
	Deputy Director - Engineering - 60%	S10-G					
	Financial Analyst	NO2-17					
	Total		\$ 273,889	\$ 262,222	\$ 19,360	\$ 271,971	\$ 281,582
50044	Standby Salaries						
	3 employees per week at \$100 per week subject to Union negotiation	3 employees 8 hours per wk 52 wks	\$ 18,720	\$ 12,500	\$ 12,528	\$ 6,192	\$ 12,500
50520	Accrued Benefits Buyout						
	vacation payout & sick time payout avg 3 per year for employees with 10 yrs of service Vac / sick / FICA		\$ 112,000	\$ 175,000	\$ 15,500	\$ 43,500	\$ 175,000
							\$ 59,000
							\$ (59,000)
							\$ -
50100	Employee Benefits						
	Director of Utilities - 60%						
	Aministrative Secretary - 60%						
	Deputy Director - Finance - 60%						
	Deputy Director - Engineering - 60%						
	Financial Analyst						
	Benefits on standby salaries, buyouts and annual leave buyback						
	Total		\$ 122,883	\$ 128,202	\$ 110,408	\$ 8,649	\$ 114,859
							\$ 119,057
							\$ (3,374)
							\$ 115,683
50103	Retiree Insurance Coverage	see workpaper	\$ 514,000	\$ 351,563	\$ 18,437	\$ 457,380	\$ 370,000
							\$ (105,000)
							\$ 265,000
50105	Workers Compensation						
	avg change over 2013 - 2015 = 3.8%		\$ 64,000	\$ 85,000	\$ 59,456	\$ 4,544	\$ 89,250
							\$ 64,000
50175	Annual Leave Buyback	1 employee	\$ 3,260	\$ 2,400	\$ 3,260	\$ 40	\$ 3,260
							\$ 3,300
50207	Advertisement		\$ 9,000	\$ 9,000	\$ 4,041	\$ 4,959	\$ 9,000
							\$ 9,000

Budget for Rate Filing

HJS Schedule D-9 Compliance

15-500-2200

Utilities Director
Laboratory Supervisor
Supervisor treatment plants
Distribution Supervisor
Deputy Director - Finance
Deputy Director - Engineering
Water Meter Foreman
Financial Analyst
Other
Total

Utilities Director	\$	408							
Laboratory Supervisor	\$	266							
Supervisor treatment plants	\$	266							
Distribution Supervisor	\$	266							
Deputy Director - Finance	\$	418							
Deputy Director - Engineering	\$	344							
Water Meter Foreman	\$	266							
Financial Analyst	\$	266							
Other	\$	-							
Total	\$	2,500	\$	2,500	\$	4,447	\$	(1,947)	\$ 2,500

50212 Conferences & Training	\$	4,000	\$	4,000	\$	868	\$	3,132	\$	4,000	\$	4,000
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50214 Tuition Reimbursement	\$	2,000	\$	2,000	\$	-	\$	2,000	\$	2,000	\$	2,000
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50220 Consultant Fees

[illegible]

50238 Postage	\$	1,000	\$	1,000	\$	360	\$	640	\$	1,000	\$	1,000
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50239 Fire & Liability Insurance	see workpaper	\$ 67,000	\$ 76,468	\$ 16,853	\$ 50,147	\$ 77,000	\$ 67,000
2% increase per year							

[illegible]

50305 Water									
Gallons	46,363								
water rate	\$ 11.2200								
Fixed Charge	\$ 1,495								
total	\$ 2,015.19	\$ 1,942.00	\$ 1,275	\$ 740	\$ 1,942	\$ 2,015			

Newport Water Division
 Budget for Rate Filing
 FY 2017
 HJS Schedule D-9 Compliance
 Expense Detail - Administration
 15-500-2200

50306 Electricity	2 yr avg								
70 Halsey St.									
Kwh Annual usage		35,246							
total cost		\$ 7,956	\$ 5,805	\$ 10,121	\$ (2,165)	\$ 5,805	\$ 7,956		
50307 Natural Gas	4 yr avg								
therms									
Total Cost		\$ 4,400							
50308 Property Taxes		\$ 5,226	\$ 7,252	\$ 5,918	\$ (692)	\$ 7,252	\$ 5,226		
Portsmouth		\$ 482,851							
Tiverton		\$ 42,133							
Little Compton		\$ 54,146							
Middletown		\$ 13,287							
Total		\$ 592,417	\$ 226,774	\$ 464,200	\$ 104,843	\$ 411,200	\$ 569,043		
							\$ (1,273)		
							\$ 567,770		
50266 Legal & Administrative		\$ 309,657	\$ 309,657	\$ 309,699	\$ 24,149	\$ 309,669	\$ 333,848		
50267 Data Processing (MIS)		\$ 143,888	\$ 143,888	\$ 143,888	\$ 87,273	\$ 143,888	\$ 231,161		
50268 Mileage Allowance		\$ 2,000	\$ 2,000	\$ 875	\$ 1,125	\$ 2,000	\$ 2,000		
50271 Gasoline & Vehicle Allowance									
See workpaper	1 vehicle								
	\$ 5,389								
Total		\$ 5,389	\$ 7,508	\$ 9,354	\$ (3,965)	\$ 8,276	\$ 5,389		
50275 Repairs & Maintenance									
Halsey St smoke Detector Service		\$ 450							
Other		\$ 400							
Heater Maintenance		\$ 350							
total		\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200		
50280 Regulatory Expense (now electronic COR notices to customers)		\$ 5,000	\$ 10,000	\$ 590	\$ 4,410	\$ 10,000	\$ 5,000		
50281 Regulatory Assessment									
RIWWA - Assessment		\$ 1,000							
RI Div of PUC - Assessment		\$ 57,000							
RI Dept of Health - License		\$ 22,000							
misc									
Total		\$ 80,000	\$ 48,096	\$ 79,698	\$ 302	\$ 63,000	\$ 80,000		

Newport Water Division
 Budget for Rate Filing
 FY 2017
 HJS Schedule D-9 Compliance
 Expense Detail - Administration
 15-500-2200

50361 Office Supplies									
2013	\$11,371								
2014	\$13,525	\$	15,000	\$	20,000	\$	14,469	\$	531
2015	\$14,469							\$	20,000
								\$	15,000
50505 Self Insurance									
		\$	10,000	\$	10,000	\$	118	\$	9,882
								\$	10,000
									Rebuttal Adjustment
									\$ (5,000)
									Rebuttal Amount
									\$ 5,000
50515 Unemployment Claims									
		\$	-	\$	12,000	\$	-	\$	-
									\$ -
50464 Water Revenue reserve									
"not included in budget"		\$	254,733			\$	-		
Total				\$	2,330,614	\$	2,097,690	\$	427,322
								\$	2,418,252
								\$	2,237,828

Newport Water Division
 Budget for Rate Filing
 FY 2016
 HJS Schedule D-10 Compliance
 Expense Detail - Customer Service
 15-500-2209

Account	Description	Comments detail for 2017	Docket 4243	Actual FY 2015 Test Year	Change from Test year to Proposed	Budget FY 2016	Proposed FY 2017 Rate Year
50001	Salaries & Wages						
		Water Meter Repair UT2A					
		Water Meter Repair UT2C					
		Principal Account Clerk UC2X					
		Principal Account Clerk add					
		Water Meter Repair UT2X					
		Maintenance Mechanic UT3F					
		Sr. Maintenance Mechanic UT2A					
		Water Meter Foreman UT6D					
		Total	\$256,335	\$263,080	\$46,230	\$285,241	\$309,310
50002	Overtime						
		low OT in 2015					
		suspend shutoffs					
		includes 7.65% ->					
		hours rate 150					
		total \$33.50					
			\$10,200	\$116	\$5,293	\$6,000	\$5,409
50004	Temp Salaries	PT cleerk 52 wks @ 12 X 24 hrs.	\$14,976	\$10,200	\$18,831	(\$3,855)	\$19,743
							\$14,976
50056	Injury Pay		\$0	\$0	\$0		\$0
50100	Employee Benefits						
		Water Meter Repair UT2A					
		Water Meter Repair UT2C					
		Principal Account Clerk UC2X					
		Principal Account Clerk					
		Water Meter Repair UT2X					
		Maintenance Mechanic UT3F					
		Sr. Maintenance Mechanic UT2A					
		Water Meter Foreman UT6D					
		Benefits for OT, Injury & Annual leave Buyback					
		Total	\$168,793	\$149,435	\$41,370	\$178,152	\$190,805
						Settlement Adjustment	\$ (4,574)
						Settlement Amount	\$ 186,231
50120	Bank Fees (lock box)	\$1400 per month \$ 16,800	\$0	\$13,711	\$3,089	\$30,000	\$16,800
50175	Annual Leave Buyback	2 employees	\$5,000	\$4,531	(\$31)	\$5,000	\$4,500
50205	Copying & binding		\$500	\$511	(\$11)	\$500	\$500

Newport Water Division
 Budget for Rate Filing
 FY 2016
 HJS Schedule D-10 Compliance
 Expense Detail - Customer Service
 15-500-2209

50212 Conferences & Training						
Backflow Prevention Device Inspectors / Tester						
Recertification Training	\$700					
Cross Connection Control Surveyor						
Trainign & Certification	\$1,150					
Fundamentals of Cross Conection Control	\$850					
American Backflow Prevention Association	\$300					
Misc Training Courses	\$2,000					
Total	\$5,000	\$5,000	-\$263	\$5,263	\$5,000	\$5,000
50225 Support Services						
Printing & mailing (TouchPoint Communications)	\$16,975					
Opal Maintenance Contract	\$5,700					
Badger/orion service contract	\$3,500					
total	\$26,175	\$26,002	\$32,784	(\$6,609)	\$26,000	\$26,175
50238 Postage						
Mailing Service	\$74,400					
USPS	\$280					
total	\$74,680	\$31,706	\$57,265	\$17,415	\$69,530	\$74,680
50271 Gasoline & Vehicle Allowance	\$5,389					
# vehicles	5					
	\$26,945	\$33,421	\$39,667	(\$12,722)	\$33,421	\$26,945
50275 Repairs & Maintenance						
Small Meters	\$10,000					
Large Meters	\$15,000					
Meter Pits	\$3,500					
Strainers	\$2,000					
Misc Parts and/or repair	\$2,700					
meter gun repair						
Trimble Handheld Repair and / or Replacement	\$3,850					
CE /ME Receiver Reapair and / or Replacement	\$2,950					
Total	\$40,000	\$40,000	\$33,449	\$1,551	\$30,000	\$35,000

Newport Water Division
 Budget for Rate Filing
 FY 2016
 HJS Schedule D-10 Compliance
 Expense Detail - Customer Service
 15-500-2209

50299 Meter Maintenance							
Appurtenant piping, tail pieces, ss fasteners	\$3,500						
Annual Calibration of Navy meters	\$2,500						
reducing flanges							
Annual Calibration of Portable Meter Tester	\$750						
Certification of Backflow Testing Equipment	\$250						
Reducing Flanges	\$2,000						
Misc. Apts	\$1,000						
Total	\$10,000	\$10,000	\$7,734	\$2,266	\$10,000	\$10,000	
50311 Operating Supplies							
Repair External meter devices	\$2,500						
new tool & misc costs	\$2,500						
gas detectors							
confined space entry equipment							
Machine & Tool Lubricant, Replace Blades,							
Drill Bits, etc							
Tools (crimping, cutting, drilling, etc.)							
Service and Pit Keys							
Total	\$5,000	\$5,000	\$3,658	\$1,342	\$5,000	\$5,000	
50320 Uniforms & protective Gear							
Safety Vests	\$150						
Hi Viz Jackets	\$300						
Gloves, Safety Glasses, Respirator, etc.	\$550						
	\$1,000	\$1,000	\$957	\$43	\$1,000	\$1,000	
50380 Customer Service Supplies							
Conservation material	\$ 5,000	\$10,343	\$166	\$4,834	\$5,000	\$5,000	

Newport Water Division
 Budget for Rate Filing
 FY 2016
 HJS Schedule D-11 Compliance
 Expense Detail - Source of Supply - Island
 15-500-2212

Account	Description	Docket 4243	Actual FY 2015 Test Year	Change from Test year to Proposed	Budget 2015	Budget FY 2016	Proposed FY 2017 Rate Year
50001	Salaries & Wages						
	Supervisor Water Dist/Coll 50%						
	Distribution/Collection Foreman						
	Distribution/Collection Mechanic						
	Distribution/Collection Operator						
	Distribution/Collection Operator						
	Distribution/Collection Operator						
	Laborer						
	adjustment for vacancies						
	Total	\$ 258,897	\$ 321,324	\$ (11,374)	#####	\$ 298,525	\$ 309,950
50002	Overtime						
	hours		1,000				
	rate	\$ 33.00					
	total	\$ 33,000	\$ 28,903	\$ 36,123	\$ (3,123)	\$ 28,903	\$ 33,000
50004	Temp Salaries 2 people 19 weeks @\$16/hour plus 7.65%						
		\$ 26,180	\$ 10,000	\$ -	\$ 26,180	\$ 10,000	\$ 13,425
							\$ 26,180
50056	Injury Pay	\$ -	\$ -				\$ -
50100	Employee Benefits						
	Supervisor Water Dist/Coll 50%						
	Distribution/Collection Foreman						
	Distribution/Collection Mechanic						
	Distribution/Collection Operator						
	Distribution/Collection Operator						
	Distribution/Collection Operator						
	Laborer						
	Benefits for OT, Temp & Annual leave Buyback						
	Adjustment for vacancies						
	Total	\$ 134,334	\$ 185,081	\$ (9,431)	#####	\$ 164,187	\$ 175,650
						Settlement Adjustment	\$ (1,373)
						Settlement Amount	\$ 174,277

Newport Water Division
 Budget for Rate Filing
 FY 2016
 HJS Schedule D-11 Compliance
 Expense Detail - Source of Supply - Island
 15-500-2212

50175 Annual Leave Buyback	4 employees	\$	6,300	\$	3,783	\$	17	\$	6,300	\$	6,300	\$	3,800
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50306 Contribution to Electricity Restricted Account													
St Mary's & Paradise Pumping Stations	2yr Avg												
Annual KWH Usage	350,295												
total cost	\$	49,880	\$	42,109	\$	38,527	\$	11,353	\$	42,108	\$	42,108	\$
													49,880

50271 Gas/Vehicle Maintenance

	\$	5,389											
vehicles		11											
total	\$	59,279	\$	58,648	\$	63,620	\$	(4,341)	\$	64,648	\$	64,648	\$
													59,279

50275 Repairs & Maintenance

Misc Pump & minor repairs
 Aluminum boat & boat engine supplies
 Trimmers, blowers, chain saw, supplies, repairs & replace
 Aeration system misc supplies R & R
 Pump Station service agreement

total	\$	10,000	\$	7,425	\$	11,633	\$	(1,633)	\$	4,717	\$	5,000	\$
													10,000

50277 Reservoir Maintenance

Tree Removal
 Dam repairs (gravel, riprap, gabions, etc.)
 sign installation & Maintenance
 dam inspections
 Fence, gates, doors lock, windows repair & maintenance
 total

\$	16,000	\$	16,000	\$	16,236	\$	(236)	\$	16,000	\$	15,000	\$	16,000
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Newport Water Division
 Budget for Rate Filing
 FY 2016
 HJS Schedule D-11 Compliance
 Expense Detail - Source of Supply - Island
 15-500-2212

50311 Operating Supplies

machine & tool lubricant

grease guns

Brush cutter/mower

parts for trackless

small mower replacement

coppering bags

other

replacement blades/brush cutting

Total

\$	7,750	\$	2,802	\$	4,698	\$	7,750	\$	7,250	\$	7,500
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50320 Uniforms & protective Gear

Eye,ear & hand protection

Tyvek protective suits

N95 respirator

\$	1,510	\$	700	\$	935	\$	575	\$	700	\$	1,200	\$	1,510
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50335 Chemicals

(CuSO4)

usage in lbs

40,000

cost/lb (in fy 20160

\$ 1.6700

total copper sulfate

\$ 66,800

total cost

\$	66,800	\$	72,735	\$	72,671	\$	(5,871)	\$	72,735	\$	70,980	\$	66,800
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total

\$	643,800	\$	752,735	\$	6,814	#####	\$	717,526	\$	758,176
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Account	Description	Comments 2017	Docket 4243	Actual FY 2015 Test Year	Change from Test year to Proposed	Budget 2015	Budget FY 2016	Proposed FY 2017 Rate Year
50002	Overtime							
	3 months (4.3 weeks) one dr hours per week 24 hour day	rate	\$ 310					
		total	\$ 11,610	\$ 4,617	\$ 13,513	\$ (1,903)	\$ 4,617	\$ 11,610
50004	Temp Salaries							
	for 3 months 3 people at 48 per week at \$15 per hour hourly increase plus FICA	hours rate total	\$ 1,858 15 29,996	\$ 15,264	\$ 18,784	\$ 11,212	\$ 15,264	\$ 29,996
50005	Permanent Part time		\$ 13,000	\$ 14,200	\$ (1,300)	\$ 13,000	\$ 13,000	\$ 12,900
	12 @ \$1,075		\$ 12,900					
50100	Employee Benefits							
	Benefits for OT, Temp & part time		\$ 2,525	\$ 6,453	\$ (3,928)	\$ 7,282	\$ 7,282	\$ 2,525
50306	Contribution to Electricity Restricted Account Sakonnet pumping Station							
	Annual KWH Usage	2 yr average	1,157,850					
	total cost		\$ 154,424	\$ 120,189	\$ 122,917	\$ 31,507	\$ 120,189	\$ 154,424
50275	Repairs & Maintenance							
	Annual Contract pumps		\$ 1,500					
	Emergency Repairs - interior/exterior		\$ 2,000					
	Excavator & heavy Equip Rental		\$ 3,000					
	Misc.		\$ 500					
	total		\$ 7,000	7200	\$ 13,908	\$ (6,908)	\$ 13,908	\$ 7,000
50277	Reservoir Maintenance							
	Tree Removal		\$ 500					
	Dam improvement repairs (gravel, riprap, gabions, etc.)		\$ 2,000					
	dam inspections		\$ 2,000					
	total		\$ 4,500	4500	\$ -	\$ 4,500	\$ 500	\$ 4,500
50311	Operating Supplies							
	machine & tool lubricant, grease guns, etc		\$ 600					
	Pest Control		\$ 200					
	Misc Supplies(egpapergoods, cleaners, etc.)		\$ 200					
			\$ 1,000	630	\$ 236	\$ 764	\$ 630	\$ 1,000
total			\$ 167,925	\$ 190,011	\$ 33,944	\$ 175,390	\$ 172,682	\$ 223,955

Newport Water Division
 Budget for Rate Filing
 FY 2016
 HJS Schedule D-13 Compliance
 Expense Detail - Station One
 15-500-2222

Account	Description	Comments	Docket 4243	Actual FY 2015 Test Year	Change from Test year to Proposed	Budget 2015	Budget FY 2016	Proposed FY 2017 Rate Year
50001	Salaries & Wages							
		Water Quality Production Supv (50%) SO8D						
		Assistant WQP Supervisor (50%) SO6D						
		Water Plant Foreman Operator(50%)						
	Acting Foreman	Water Plant Operator - Grade 3			UT4F			
		Water Plant Operator - Grade 3			UT4F			
		Water Plant Operator - Grade 3			UT4B			
		Water Plant Operator - Grade 3			UT4F			
		Water Plant Operator - Grade 3			UT4C			
		Water Plant Operator - Grade 3			UT4D			
		Water Plant Operator - Grade 3			UT3B			
		Water Plant Operator - Grade 2			UT2A			
		Water Plant Operator - Grade 1			UT2			
	AFCSMEContract adj to Shift Diff to \$.70 from \$.36 \$3,536							
	Total		\$ 451,191	\$ 519,694	\$ 31,887	\$ 519,056	\$ 491,984	\$ 551,581
								Rebuttal Adjustment for Vacancies \$ (40,506)
								Rebuttal Amount \$ 511,075
50002	Overtime							
		average hourly rate =\$22.75 ot rate =\$34.125						
	2012 - \$101k	hours		2,500				
	2013 - \$42k	rate(w FICA)		41.18				
	2014 - \$72k	total	\$ 102,940	\$ 60,021	\$ 110,009	\$ (7,069)	\$ 60,021	\$ 102,940
	2015 - \$ 110k							
50003	Holiday Pay							
		Operators		9.0				
		Holidays		12				
		Hours/Holiday		8				
		Average Pay Rate	\$ 25.50					
		Total	\$ 22,032	\$ 17,045	\$ 18,936	\$ 3,096	\$ 18,935	\$ 17,045
50045	Lead Plant Operator Stipend							
		3 staff \$80 per week 52 weeks	\$ 12,480	\$ 6,627	\$ 5,853	\$ 36,492	\$ 12,480	\$ 12,480

Water Quality Production Supv (50% SO8D	
Assistant WQP Supervisor (50%) SO6D	
Water Plant Foreman Operator(50%)	
Water Plant Operator - Grade 3	UT4F
Water Plant Operator - Grade 3	UT4F
Water Plant Operator - Grade 3	UT4B
Water Plant Operator - Grade 3	UT4F
Water Plant Operator - Grade 3	UT4C
Water Plant Operator - Grade 3	UT4D
Water Plant Operator - Grade 2	UT3B
Water Plant Operator - Grade 1	UT2A
Benefits for OT, Annual leave Buyback, Holidays	
Total	

Newport Water Division
Budget for Rate Filing
FY 2016
HJS Schedule D-13 Compliance
Expense Detail - Station One
15-500-2222

50305 Sewer Charge

workpaper

Gallons	26,000,000	12,000,000
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\$/Gal	\$	0.0113	\$	0.01662
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Cost	\$	293,020	\$	199,440
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\$ 293,020	\$ 175,000	\$ 199,440
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Settlement Adjustment	\$ 4,560
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Settlement Amount	\$ 204,000
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50271 Gas/Vehicle Maintenance

\$ 5,389

vehicles	1
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\$ 5,389

\$	7,583	\$	9,831	\$	(4,442)	\$	8,360	\$	8,360	\$	5,389
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50275 Repairs & Maintenance

Variable frequency Drives	\$	3,000
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Gas Boilers & Hot water Heater	\$	5,600
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Backup Gnerators-annual service	\$	1,500
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transfer switches	\$	600
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SCADA Maintenance & repair	\$	10,628
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Analyzeer service	\$	9,625
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Building Systems & AC service contact	\$	18,036
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DAF Compressors	\$	4,100
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Fire Panel Maintenance	\$	480
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Reservoir Rd Storage Inspection	\$	4,060
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MCC Breaker Panel Inspection	\$	2,067
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Rebuild/Repack Raw water Pumppps 1 & 2	\$	6,336
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DAF Pump Repair	\$	575
Flare Fitting Labor Charge	\$	100

Fire Extinguisher Service	\$	180
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total	\$	66,787
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66,787	\$	25,000	\$	9,738	\$	57,049	\$	15,000	\$	15,000	\$	66,787
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Settlement Adjustment	\$	205
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Settlement Amount	\$ 66,992
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Newport Water Division
Budget for Rate Filing
FY 2016
HJS Schedule D-13 Compliance
Expense Detail - Station One
15-500-2222

50311 Operating Supplies

[illegible]

50336 Pumping Cost

\$ - \$ - \$ 22,428

50320 Uniforms & protective Gear

[illegible]

Newport Water Division
 Budget for Rate Filing
 FY 2016
 HJS Schedule D-13 Compliance
 Expense Detail - Station One
 15-500-2222
 50335 Chemicals

PACI Quantity		73,000							
Unit Cost Per Gal	\$	1.4500							
PACI Total Cost	\$	105,850							
Hypochlorite Wquantity		28,000							
Unit Cost	\$	0.6435							
Chlorine Total Cost	\$	18,018							
Flouride quantity		6,000							
Unit cost	\$	0.5000							
Flouride Total Cost	\$	3,000							
Sodium chlorite quantity		109,500							
Unit Cost	\$	0.5890							
Sodium chlorite total Cost	\$	64,496							
32% HCl Quantity		8,700							
Unit Cost Per Gal	\$	1.1823							
Sodium chlorite total Cost	\$	10,286							
Polymer Quantity		440							
Unit Cost	\$	11.2727							
Polymer Total Cost	\$	4,960							
Sodium Hydroxide quantity		37,500							
Unit Cost	\$	0.6536							
Sodium Hydroxide total cost	\$	24,510							
GAC Filters (816) Quantity		1,640							
Unit Cost Per CF	\$	29.8800							
GAC Total Cost	\$	49,003							
GAC AWT (400) Quantity		40,596							
Unit Cost Per Vessel	\$	2.0000							
GAC Total Cost	\$	81,192							
HCl Scrubber Media (Chlorosorb)									
HCl Scrubber Media Total Cost	\$	5,000							
total	\$	366,315	\$	354,210	\$	350,158	\$	16,157	\$ 447,189 \$ 509,742 \$ 366,315

total \$ 1,830,796 ##### \$ 163,174 ##### #####

Newport Water Division
 Budget for Rate Filing
 FY 2016
 HJS Schedule D-14 Compliance
 Expense Detail - Lawton Valley
 15-500-2223

Account	Description	Comments	Docket 4243	Actual FY 2015 Test Year	Change from Test year to Proposed	Budget 2015	Budget FY 2016	Proposed FY 2017 Rate Year
50001	Salaries & Wages							
		Water Quality Production Supv (50 SO8D						
		Assistant WQP Supervisor (50% SO6D						
		Water Plant Foreman Operator(50%)						
	Acting Foreman	Water Plant Operator - 3 UT4G						
		Water Plant Operator - 3 UT4F						
		Water Plant Operator - 3 UT4F						
		Water Plant Operator - 3 UT4D						
		Water Plant Operator - 3 UT4C						
		Water Plant Operator - 3 UT2D						
		Water Plant Operator - 3 UT2A						
		Water Plant Operator - 3 UT2A						
	AFCSMEContract adj to Shift Diff to \$.70 from \$.36	\$4,243						
	Total		\$ 461,718	\$ 449,625	\$ 48,916	\$ 444,886	\$ 538,135	\$ 498,541
50002	Overtime							
	2012 - \$82k	2,500 hours						
	2013 \$75k	\$ 39.56 rate w FICA						
	2014 - 84k	\$ 98,903 total	\$ 37,657	\$ 98,692	\$ 211	\$ 37,657	\$ 37,657	\$ 98,903
	2015 - \$99k							
50003	Holiday Pay							
	Operators	9						
	Holidays	12						
	Hours/Holiday	8						
	Average Pay Rate	\$51k per year	\$ 24.50					
	Total		\$ 19,992	\$ 16,760	\$ 15,904	\$ 4,088	\$ 16,760	\$ 16,760
50045	Lead Plant Operator Stipend							
	3 staff \$80 per week 52 weeks	\$ 12,480		\$ 7,830	\$ 4,650	\$ 10,000	\$ 12,480	\$ 12,480

Newport Water Division
 Budget for Rate Filing
 FY 2016
 HJS Schedule D-14 Compliance
 Expense Detail - Lawton Valley
 15-500-2223

50100 Employee Benefits

Water Quality Production Supv (50 SO8D
 Assistant WQP Supervisor (50% SO6D
 Water Plant Foreman Operator(50%)
 Water Plant Operator - 3 UT4G
 Water Plant Operator - 3 UT4F
 Water Plant Operator - 3 UT4F
 Water Plant Operator - 3 UT4D
 Water Plant Operator - 3 UT4C
 Water Plant Operator - 3 UT2D
 Water Plant Operator - 3 UT2A
 Water Plant Operator - 3 UT2A
 Benefits for OT, Holidays, & Annual leave)

Total	\$	288,210	\$	273,138	\$	4,864	\$	253,693	\$	322,872	\$	278,002
												\$ 232
												\$ 278,234

50175 Annual Leave Buyback	3 empl	\$	7,500	\$	3,966	\$	7,368	\$	32	\$	3,966	\$	3,966	\$	7,400
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50212 Conferences & Training

RIDOH Required Certifications for 9 employees \$ 1,980
 Supv/Plant Prod - RIWWA \$ 150
 Supv/Plant Prod - NEWWA \$ 550
 Conferences & Training \$ 540
 Training, travel \$ 900

total	\$	4,120	3000	\$	850	\$	3,270	\$	3,000	\$	3,000	\$	4,120
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50239 Fire & Liability Insurance		\$	54,000	\$	18,614	\$	93,577	\$	(39,577)	\$	18,614	\$	62,000	\$	54,000
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50306 Contribution to Electricity Restricted Account
 Lawton Valley Treatment plant & pumping station

1 yr average													
Annual KWH Usage		1,260,960											
total cost	\$	271,075	\$	158,340	\$	310,343	\$	64,748	\$	132,551	\$	132,551	\$ 375,091
													\$ (53,340)
													\$ 321,751

50307 Natural Gas

4 yr average													
Total Cost	\$	20,808	\$	29,909	\$	34,663	\$	-	\$	29,909	\$	29,909	\$ 34,663
													\$ 29,909

50260 Rental of Equipment

50305 Sewer Charge50271 Gas/Vehicle Maintenance50275 Repairs & Maintenance[illegible]

Newport Water Division
Budget for Rate Filing
FY 2016
HJS Schedule D-14 Compliance
Expense Detail - Lawton Valley
15-500-2223
50311 Operating Supplies

Valves	\$	500
Piping	\$	500
Tools	\$	500
Mechanical Seals & Packing	\$	500
Analytical Analyzer Reagents	\$	2,728
Analyzer probe Salt bridges, Cell Solution, Grit Filters	\$	669
Fluoride Feeder Filter Pack	\$	364
Roll towels, bathroom tissue	\$	211
Cleaning Supplies	\$	475
Chemical Transfer Pumps	\$	2,050
GLO2 Generator Maintenance Kit & Filters	\$	924
HVAC Filters	\$	196
Generator Fuel	\$	2,814
Misc.	\$	880
Total	\$	13,311

50320 Uniforms & protective Gear								
Overboots	\$	288						
Rain Gear	\$	201						
Misc. Gloves, Eye pprotection	\$	345						
Coveralls	\$	276						
Respirator Work Lights	\$	89						
Work Lights	\$	104						
	\$	1,303	\$	1,542	\$	1,539	\$	(236)
							\$	1,542
								1,800
								\$ 1,303

50336	Pumping Cost	\$	-	\$	31,646
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50335 Chemicals

total	\$ 328,667	\$ 169,977	\$ 262,215	\$ 66,452	\$ 271,156	\$ 509,742	\$ 328,667
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total

Newport Water Division
 Budget for Rate Filing
 FY 2016
 HJS Schedule D-15 Compliance
 Expense Detail - Laboratory
 15-500-2235

Account	Description		Docket 4243	Actual FY 2015 Test Year	Change from Test year to Proposed	Bud get 2015	Budget FY 2016	Proposed FY 2017 Rate Year
50001	Salaries & Wages	Laboratory Supervisor Microbiologist	G2 Step 3					
		Total	\$ 104,358	\$ 114,425	\$ 6,754	### \$	116,878	\$ 121,179
50100	Employee Benefits	Laboratory Supervisor Microbiologist Benefits on Annual leave buyback						
		Total	\$ 64,208	\$ 54,984	\$ 3,724	### \$	58,993	\$ 58,708
							Settlement Adjustment	\$ (3,514)
							Settlement Amount	\$ 55,194
50175	Annual Leave Buyback	1 employee	\$ 2,750	\$ 1,560	\$ (60)	### \$	1,000	\$ 1,500
50275	Repairs & Maintenance	Cleaning, Recalculation & Certification of balances, fume hood, thermometers, etc.	\$ 1,200					
		Misc repairs to Equipment	\$ 500					
		Total	\$ 1,700	\$ 256	\$ 1,444	### \$	1,700	\$ 1,700
50281	Regulatory Assessment	IDEXX/BACTERIA	\$ 5,400					
		ESS LAB TTHM / HASS	\$ 4,160					
		RIAL TOC	\$ 8,640					
		RIAL LEAD / COPPER	\$ 700					
		RIAL COPPER	\$ 435					
		RIAL SODIUM	\$ 280					
		ERA QC PT	\$ 1,507					
		LAB LICENSE	\$ 440					
		RIDOH	\$ 12,262					
		EUROFINS (Chlorites)	\$ 1,800					
		Northeast	\$ 4,200					
		EUROFINS (Cryptosporidium)	\$ 7,200					
		Total	\$ 47,024	\$ 32,000	\$ 47,696	(672) ### \$	32,000	\$ 47,024
50339	Laboratory Supplies	Buffers, reagents, Standards, gases & misc	\$ 9,242					
		Kimwipes, Gloves, Pipets, Glassware, Thermometers	\$ 2,800					
		Hach Turbidimeters	\$ 2,200					
		Hach Reagents	\$ 12,464					
		UV 254 Meter	\$ 2,510					
		Beau Hopkins Capital Controls Titrator	\$ 4,836					
		Swift Microscope, Counting Chamber and slides	\$ 1,575					
		total	\$ 35,627	\$ 18,684	\$ 16,924	\$ 18,703	### \$	18,684
		total	\$ 223,700	\$ 235,845	\$ 26,379	### \$	229,255	\$ 262,224

Newport Water Division
Budget for Rate Filing
FY 2016
HJS Schedule D-16 Compliance
Expense Detail - Distribution
15-500-2241

Account	Description	Comments		2017	Docket 4243	Actual FY 2015 Test Year	Change from Test year to Proposed	Budget 2015	Budget FY 2016	Proposed FY 2017 Rate Year
50001	Salaries & Wages									
		Supervisor Water Dist/Coll 50%								
		Distribution/Collection Foreman								
		Distribution/Collection Mechanic								
		Distribution/Collection Mechanic	vacant							
		Heavy Equipment Operator								
		Distribution/Collection Operator								
		Distribution/Collection Operator								
		Distribution/Collection Operator								
		Parts/Inventory Contol Tech								
		Engineering Technician								
		Engineering Technician								
		Total		\$	418,161	\$	437,907	\$	114,926	\$ 379,181 \$ 493,592 \$ 552,833
										Rebuttal Adjustment for Vacancies \$ (37,614)
										Rebuttal Amount \$ 515,219
50002	Overtime									
	hours		1,520							1,520
	rate	\$	34.45							\$ 34.45
	total	\$	52,364	\$	52,364	\$	48,703	\$	3,661	\$ 52,364
50004	Temp Salaries	2 staff 19 weeks \$16/hr 40 hrs wk w/Fica	\$	26,180	\$	10,000	\$	18,106	\$	8,074 \$ 10,000 \$ 10,000 \$ 26,180
50056	Injury Pay			\$	-					\$ -
50100	Employee Benefits									
		Supervisor Water Dist/Coll 50%								
		Distribution/Collection Mechanic	UT4E							
		Heavy Equipment Operator	UT4C							
		Distribution/Collection Mechanic	UT4D							
		Distribution/Collection Foreman	UT5E							
		Parts/InventORY Contol Tech	UC2E							
		Distribution/Collection Operator	UT3C							
		Engineering Technician	UT5G							
		Distribution/Collection Operator	UT3C							
		Distribution/Collection Operator	UT3B							
		Benefits for OT, Injury & Annual leave Buyback & AFSCME retro								
		Total		\$	251,514	\$	259,991	\$	70,083	\$ 252,931 \$ 281,556 \$ 330,074
										Rebuttal Adjustment for Vacancies \$ (17,768)
										Rebuttal Amount \$ 312,306
										Settlement Adjustment \$ (3,914)
										Settlement Amount \$ 308,392

Newport Water Division
 Budget for Rate Filing
 FY 2016
 HJS Schedule D-16 Compliance
 Expense Detail - Distribution
 15-500-2241

50175 Annual Leave Buyback			\$	10,943	\$	7,484	\$	16	\$	10,943	\$	10,704	\$	7,500
6 employees														
50212 Conferences & Training														
Continuing Education Units	\$	3,200												
Supervisor Water Dist/ Collect	\$	670												
Travel	\$	130												
Total	\$	4,000	\$	4,000	\$	1,776	\$	2,224	\$	4,000	\$	4,000	\$	4,000
50225 Contract Services														
Welding Services (Swabbing) as required	\$	11,000												
WeatherData Network	\$	120												
Infowater	\$	3,750												
Dig safe Contract (609.15*12)	\$	6,655												
total	\$	21,525	\$	12,430	\$	10,524	\$	11,001	\$	12,430	\$	12,430	\$	21,525
50239 Fire & Liability Insurance														
See workpaper	\$	12,000	\$	18,748	\$	20,061	\$	(8,061)	\$	18,748	\$	13,300	\$	12,000
Contribution to Electricity Restricted Account														
50306 Forest Ave, Goulart Lane, Reservoir Rd														
2 year average														
Annual KWH Usage		132,739												
total cost	\$	20,607	\$	18,762	\$	34,641	\$	(14,034)	\$	18,762	\$	18,762	\$	20,607
													\$	(2,930)
													\$	17,677
50260 Heavy Equipment Rental														
Excavator, 10 wheel Dump Truck, light tower, etc.	\$	8,260												
Total	\$	8,260	\$	8,260	\$	10,706	\$	(2,446)	\$	8,260	\$	8,260	\$	8,260
					\$	-								
50271 Gas/Vehicle Maintenance														
	\$	5,389												
vehicles	\$	13												
	\$	-											\$	-
total	\$	70,057	\$	110,305	\$	93,222	\$	(23,165)	\$	121,591	\$	121,591	\$	70,057
50275 Repairs & Maintenance														
Overhead Door Repair & Maintenance	\$	5,000												
Fire Alarm Panel, Fire ExtinguisherServ & Repair	\$	1,200												
Misc. snow removal equipment & supplies	\$	2,300												
Travel Vacuum repairs and/or replacement	\$	2,500												
Raw materials roof	\$	15,000												
total	\$	26,000	\$	26,000	\$	28,521	\$	(2,521)	\$	26,000	\$	25,761	\$	26,000

Newport Water Division
Budget for Rate Filing
FY 2016
HJS Schedule D-16 Compliance
Expense Detail - Distribution
15-500-2241
50276 Main Maintenance

[illegible]

50296 Service Maintenance

[illegible]

50311 Operating Supplies

[illegible]

50320 Uniforms & protective Gear

Tyvek protective Suits																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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total	\$	1,053,248	\$	1,100,967	\$	163,633	#####	\$	1,171,956	\$	1,209,218
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Docket No. 4595

Newport Water Division
 Budget for Rate Filing
 FY 2016
 HJS Schedule D-17 Compliance
 Expense Detail - Fire Protection
 15-500-2245

Account	Description	Docket 4355	Rate Year	Docket 4243	Actual FY 2015 Test Year	Change from Test year to Proposed	Budget FY 2016	Proposed FY 2017 Rate Year
50275	Repair & Maintenance - Equipment							
	Permits	\$ 200	\$ 500					
	Hydrant parts	\$ 5,000	\$ 5,000					
	Hydrant Paint	\$ 1,000	\$ 1,800					
	Misc.	\$ 600	\$ 600					
	Welding of hydrant base	\$ 200						
	Police Details	\$ -	\$ 1,760					
	Hydrant and/or Hydrant inserts	\$ 6,500	\$ 14,140		\$ 11,585			
	total	\$ 13,500	\$ 23,800	\$ 13,500	\$ 11,585	\$ 12,215	\$ 32,500	\$ 23,800

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
PUBLIC UTILITIES COMMISSION

IN RE: CITY OF NEWPORT, UTILITIES DEPARTMENT, WATER DIVISION
APPLICATION TO CHANGE RATE SCHEDULES

DOCKET NO: 4595

COMPLIANCE TARIFFS

SCHEDULE

A	PUBLIC FIRE PROTECTION
B	PRIVATE FIRE PROTECTION
C	BILLING CHARGE
D	METERED SALES - NEWPORT
E	METERED SALES - NAVY
F	METERED SALES - PORTSMOUTH
G	MISCELLANEOUS CHARGES

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
PUBLIC UTILITIES COMMISSION

IN RE: CITY OF NEWPORT, UTILITIES DEPARTMENT, WATER DIVISION
APPLICATION TO CHANGE RATE SCHEDULES

DOCKET NO: 4595

SCHEDULE A

PUBLIC FIRE PROTECTION

Applicability:

Applicable throughout the entire territory served by the Newport Water Division for public fire protection.

Rates:

Per Hydrant	\$944.22
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Terms of Payment:

All bills for public fire service furnished under this schedule are rendered in advance monthly and are due and payable in full when rendered.

Effective: October 1, 2016

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
PUBLIC UTILITIES COMMISSION

IN RE: CITY OF NEWPORT, UTILITIES DEPARTMENT, WATER DIVISION
APPLICATION TO CHANGE RATE SCHEDULES

DOCKET NO: 4595

SCHEDULE B

PRIVATE FIRE PROTECTION

Applicability:

Applicable throughout the entire territory served by the Newport Water Division for services to private fire protection facilities.

Rates:

For each service connection to the Newport Water Division's mains used wholly or in part to supply fire protection appliances owned and maintained by the customer, the following charges shall apply:

	<u>Per Annum</u>
For each connection less than 2 inch	\$33.26
For each 2 inch connection	\$139.26
For each 4 inch connection	\$468.22
For each 6 inch connection	\$1,055.81
For each 8 inch connection	\$2,069.28
For each 10 inch connection	\$3,593.75
For each 12 inch connection	\$5,706.61

No additional charge shall be made for private protection appliances owned and maintained by the customer.

Method of Payment:

All bills for private fire services under this schedule are rendered annually in advance and are due and payable in full when rendered.

Effective: October 1, 2016

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
PUBLIC UTILITIES COMMISSION

IN RE: CITY OF NEWPORT, UTILITIES DEPARTMENT, WATER DIVISION
APPLICATION TO CHANGE RATE SCHEDULES

DOCKET NO: 4595

SCHEDULE C

BASE CHARGE

Applicability:

Applicable throughout the entire territory served by the Newport Water Division for industrial, commercial and residential users, exclusive of fire service connections.

Rates:

For each meter connected to the Newport Water Division's mains the following charges shall apply:

Monthly	
Meter Size	Rate (\$/month)
5/8"	5.02
3/4"	5.27
1"	7.03
1.5"	11.33
2"	15.86
3"	41.71
4"	49.12
5"	58.99
6"	66.40
8"	86.15
10"	121.95
Portsmouth Water and Fire District	1.36

Method of Payment:

All billing charges under this schedule are rendered in advance concurrent with the billing cycle, monthly or quarterly and are due and payable in full when rendered.

Effective: October 1, 2016

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
PUBLIC UTILITIES COMMISSION

IN RE: CITY OF NEWPORT, UTILITIES DEPARTMENT, WATER DIVISION
APPLICATION TO CHANGE RATE SCHEDULES

DOCKET NO: 4595

SCHEDULE D

METERED SALES

Applicability:

General metered service in the entire territory served by the Newport Water Division.

Rates:

For all quantities used except for private fire protection and bulk sales the following rates shall apply:

Customer Class	Rate Per Thousand Gallons
Residential	\$10.02
Non-Residential	\$11.22

Terms of Payment:

All metered sales under this schedule are rendered in arrears monthly or quarterly at the option of Newport Water Division and are due and payable in full when rendered.

Effective: October 1, 2016

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
PUBLIC UTILITIES COMMISSION

IN RE: CITY OF NEWPORT, UTILITIES DEPARTMENT, WATER DIVISION
APPLICATION TO CHANGE RATE SCHEDULES

DOCKET NO: 4595

SCHEDULE E

METERED SALES

Applicability:

General metered service to the Department of the Navy, Naval Station Newport served by the Newport Water Division.

Rates:

For all quantities used except for private fire protection and bulk sales the following rates shall apply:

\$6.5190 per thousand gallons

Terms of Payment:

All metered sales under this schedule are rendered in arrears monthly and are due and payable in full when rendered.

Effective: October 1, 2016

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
PUBLIC UTILITIES COMMISSION

IN RE: CITY OF NEWPORT, UTILITIES DEPARTMENT, WATER DIVISION
APPLICATION TO CHANGE RATE SCHEDULES

DOCKET NO: 4595

SCHEDULE F

METERED SALES

Applicability:

General metered service to the Portsmouth Water and Fire Districts served by the Newport Water Division.

Rates:

For all quantities used except for private fire protection and bulk sales the following rates shall apply:

\$5.2920 per thousand gallons

Terms of Payment:

All metered sales under this schedule are rendered in arrears monthly and are due and payable in full when rendered.

Effective: October 1, 2016

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
PUBLIC UTILITIES COMMISSION

IN RE: CITY OF NEWPORT, UTILITIES DEPARTMENT, WATER DIVISION
APPLICATION TO CHANGE RATE SCHEDULES

DOCKET NO: 4595

SCHEDULE G

MISCELLANEOUS CHARGES

1. Temporary Water Services: Applicable to all temporary meters furnished by the Water Division for temporary purposes such as construction or renovation. Charges are withheld from the water user's \$1000.00 deposit upon removal of the temporary meter.

Water consumed will be charged at PUC approved retail rate per 1,000 gals.

Meter rental charge: \$10.00 per day

Labor charge: Cost plus 75% overhead

Minimum Charge: \$60.00

2. Meter Test: Applicable to all meters returned to the Water Division for testing. Charges are payable in advance. If upon completion of the test, the meter is found to be in excess of 2%, plus or minus, of actual, the charge is refunded.

Charge: Meter sizes 2-inches or less - \$65.00

Meter sizes greater than 2-inches – Labor cost plus 75% overhead, and
contractor cost, plus 25% overhead

3. Service Turn-on and Turn-off: Applicable to all meters installed or removed for seasonal users and for requests by customers for plumbing work on private property

Charge: During Business Hours (7:30 am to 3:30 pm, Monday through Friday) –
\$40.00

After Business Hours: (3:30 p.m. to 7:30 a.m., Monday through Friday, and
Saturdays, Sundays and Holidays) Labor cost plus 75% overhead (with
notice to customer)

4. Service Turn-on Charge: Applicable to all services turned on after the cessation of a specific violation which resulted in the service shut off. Charges are payable prior to turn on.

Charge: During Business Hours (7:30 am to 3:30 pm, Monday through Friday) –
\$40.00

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
PUBLIC UTILITIES COMMISSION

IN RE: CITY OF NEWPORT, UTILITIES DEPARTMENT, WATER DIVISION
APPLICATION TO CHANGE RATE SCHEDULES

DOCKET NO: 4595

After Business Hours: (3:30 p.m. to 7:30 a.m., Monday through Friday, and
Saturdays, Sundays and Holidays) Labor cost plus 75% overhead (with
notice to customer)

5. Meter Connection /Service Fee: Applicable to all meter installations and maintenance due to breakage, tampering, overheating or freezing because of owner neglect or abuse.

Charge: Material and equipment costs plus 25% and Labor cost plus 75%. If applicable, \$50.00 tapping charge for new service and Police details at cost.

6. Interest on Delinquent Water Accounts: Amounts not paid by DUE DATE will accumulate a penalty of 18% per annum (1.5% per month) from the DUE DATE through the PAYMENT DATE. DUE DATE is 30 days after the BILLING DATE and is listed on each billing statement, and the BILLING DATE is the date on which the billing statement was mailed and also is listed on each billing statement.

7. Interim Water Bills: \$35.00.each for requested interim bills including meter reading.

8. Sample Testing: Charge assessed for the laboratory testing of water samples at customer request.

Charge: Cost of materials and testing charges plus 25% overhead and labor costs plus 75% overhead

9. Flow Testing: Charge assessed for the flow testing of service connections at customer request.

Charge: Labor costs plus 75% overhead \$40.00 minimum charge

10. Pressure Testing: Charge assessed for the pressure testing of existing or proposed service connections at customer request.

Charge: Labor costs plus 75% overhead \$40.00 minimum charge

11. Service Application Fee: Charge assessed at time that application for water service is submitted.

Charge: Residential Service - \$60.00
Commercial Service - \$100.00

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
PUBLIC UTILITIES COMMISSION

IN RE: CITY OF NEWPORT, UTILITIES DEPARTMENT, WATER DIVISION
APPLICATION TO CHANGE RATE SCHEDULES

DOCKET NO: 4595

12. Statement Charge: Charge assessed at time that request for a copy of a billing statement is submitted.

Charge: \$2.50 per statement

13. Photocopying: Charge assessed for copying of documents. Fee payable at time copies are made.

Charge: Letter or legal size copy - \$0.15 per page
Distribution Sheet - \$3.00 per copy

Effective Date: October 1, 2016