

**STATE OF RHODE ISLAND
PUBLIC UTILITIES COMMISSION**

IN RE: PROVIDENCE WATER SUPPLY BOARD :
APPLICATION TO CHANGE RATE : **Docket No. 4994**
SCHEDULES :

SETTLEMENT AGREEMENT

Pursuant to Rule 1.25 of the Commission’s Rules of Practice and Procedure, the Providence Water Supply Board (PWSB) and the Division of Public Utilities and Carriers (Division), the Kent County Water Authority and the City of Warwick (collectively referred to hereinafter as the Settling Parties) hereby agree as follows:

1. On or about December 2, 2019, PWSB filed for additional revenues of \$13,311,349 (an increase of 19.07%) to support total revenues of \$85,932,149 for the 12 months ending June 30, 2021 (Rate Year 2021). PWSB’s filing also requested additional revenues of \$6,131,341 (an increase of 7.26%) for the 12 months ending June 30, 2022 (Rate Year 2022) and additional revenues of \$3,574,759 (an increase of 3.94%) for the 12 months ending June 30, 2023 (Rate Year 2023).

2. After extensive negotiations, the Settling Parties agree that PWSB may be granted for Rate Year 2021, additional revenues of \$12,245,566 (an increase of 17.66%) to provide total pro forma revenues of \$83,501,619. For Rate Year 2022, additional revenues of \$4,350,590 (an increase of 5.22%) to provide total pro forma revenues of \$87,852,209. For Rate Year 2023, additional revenues of \$3,437,358 (an increase of 3.92%) to provide total pro forma revenues of \$91,289,567.

3. The agreed calculations and adjustments to PWSB's original proposal are set forth in the revised revenue requirement schedules (HJS Settlement-1 through HJS Settlement-12) and cost of service and rate design schedules (HJS Settlement-13 through HJS Settlement-25) and Schedule HJS Settlement-1a Settlement Summary.

4. The Settling Parties agree to the following expense and revenue adjustments that are summarized in Schedules HJS Settlement-1 (Summary of Revenues and Expenses) and HJS Settlement-1a (Summary of Settlement Adjustments) and are further explained as follows:

A. **City Services (Schedule HJS Settlement-12).** PWSB agrees to the Division's proposed adjustments to the City Services account, *i.e.*, to maintain the amount of City Services at the current Commission approved funding level of \$839,167. The Division's recommendation and proposed adjustments results in a reduction to City Services of \$651,527 per year in RY 2021, RY 2022 and RY 2023.

B. **Labor Cost and Payroll Tax (Schedules HJS Settlement-3a through HJS Settlement-4b).** PWSB accepts the Division's proposed Rate Year 2021, 2022 and 2023 adjustments to Labor Cost and the associated Payroll Tax account for each Rate Year based on 248 employees for PWSB Operations. These adjustments reduce the PWSB revenue requirement by \$278,128 for RY2021, by \$288,089 for RY2022 and by \$296,948 for RY2023 for labor cost and by \$21,277 for RY2021, by \$22,039 for RY2022 and by \$22,717 for RY2023 for payroll taxes.

C. **PUC Assessment (Schedule HJS Settlement-7).** PWSB accepts the Division's recommended adjustments of \$17,315 for RY 2021, \$9,701 for RY 2022 and \$786 for RY 2023 to the amounts PWSB proposed to use in its cost of service for this account.

D. **Chemical Sludge (Schedules HJS Settlement-8a, HJS Settlement-8b and HJS Settlement-10g).** The Division recommended annual funding for this account of \$3.6 million per

year. PWSB accepts the Division's recommendation and proposed adjustments in their entirety for this account. The agreed upon funding level is \$200,000 lower than the \$3.8 million per year in funding that PWSB had requested in its filing.

E. **Private Side Lead Service Replacement Fund (Schedule HJS Settlement-10i).**

The Division recommended that in lieu of zero-cost replacements for customers, PWSB will continue to provide zero cost loans to customers electing to have PWSB replace their private side lead service lines. The loans will be provided to customers with a ten-year repayment period. Further, funding in this restricted account will be ramped up from the current funding level of \$250,000 per year to a level of \$1 million in RY 2021, to \$2 million in RY 2022 and to \$3 million in RY 2023. PWSB accepts the Division's recommendation and proposed adjustments for this account in their entirety. Compared with the amounts originally proposed by PWSB of \$250,000 for RY2021 and \$3 million in each rate year for RY2022 and RY2023, these adjustments result in an increase of \$750,000 for RY2021, a decrease of \$1 million for RY2022 and no change for RY2023.

F. **General Inflation (Schedules HJS Settlement-11 and HJS Settlement-12).**

PWSB applied adjustments from the Test Year to the Rate Year of 4.2% and general inflation from RY 2021 to RY 2022 and from RY 2022 to RY 2023 of 2.1%, respectively. By contrast, the Division recommended no generalized CPI-index inflation adjustment in the Rate Year 2021, removing the 4.2% CPI based inflation assumption that PWSB used for general inflation from the Test Year to the Rate Year for O&M expense. PWSB accepts the Division's recommendation, removing its proposed inflation adjustments for each Rate Year period, which result in reductions to PWSB's proposed expenses of \$78,411 for RY2021, \$64,210 for RY2022 and \$65,562 for RY2023.

G. **Operating/Revenue Reserve (Schedule HJS Settlement-1 and HJS Settlement-26)**. The Settling Parties agree upon the adjustments that are reflected in HJS Settlement-2 “Summary of Settlement Adjustments”. These adjustments are calculated figures based on the settled amounts of net revenues and the applicable percentages of 1.5% and .5%, respectively. The amounts originally proposed by PWSB have been reduced by \$20,830 for RY2021, \$55,739 for RY2022 and \$58,430 for RY2023.

H. **Miscellaneous Revenue and Property Tax Refund Fund (Schedule HJS Settlement-1)**. For the Miscellaneous Revenue account, the Division’s analysis reflected that PWSB’s Miscellaneous Revenue has been growing in the period FY 2015 through FY 2019. PWSB’s proposed Rate Year amount of \$1,365,746 of Miscellaneous Revenue is lower than the amounts in FY 2017 and FY 2018 and is also lower than the two, three, four and five-year averages through FY 2019. As a result, the Division recommended an increase of \$128,417 to each proposed Rate Year amount.

For the Property Tax Refund Account, PWSB proposed annual funding for RY 2020 through RY 2023 of \$190,000, which is more than the amount PWSB would receive under a tax agreement it had reached with the Town of Foster in 2015. The Division, however, believed the proposed annual funding amount would result in a balance in each Rate Year of in excess of \$400,000; therefore, the Division recommended reducing the proposed funding amount by \$100,000 for each Rate Year.

To resolve their respective positions, PWSB accepted the Division’s recommendation regarding Miscellaneous Revenue in its entirety at the same time proposing to include in the proposed adjustment 50% of the Division’s proposed property tax adjustment for each Rate Year. The Settling Parties, therefore, agree to increase Miscellaneous Revenue by \$178,417 in RY 2021

by \$178,417 in RY 2022 and by \$178,417 in RY 2023 with no adjustment to the Property Tax account in each of those years to resolve the annual funding amounts of these two accounts.

I. **Equipment (Schedule HJS Settlement-10e).** The Division recommended an annual funding level of \$1.5 million for RY 2021, \$1.4 million for RY 2022 and \$1.3 million for RY 2023. This reduced PWSB's requested funding by \$100,000, \$200,000 and \$300,000, respectively in each of those Rate Years. PWSB offered to settle the funding of this account at 50% of the Division's proposed yearly adjustments. PWSB indicated it is experiencing higher than historical repair and maintenance costs to its fleet of vehicles due to advancements in technology making it more difficult to perform routine maintenance in-house. The Settling Parties agree to reduce funding of the Equipment account by \$50,000 in RY 2021, \$100,000 in RY 2022 and \$150,000 in RY 2023.

J. **Insurance (Schedule HJS Settlement-10f).** The Division recommended reducing funding for this account for RY 2021 through RY 2023 to \$1,800,000 each year – a yearly downward adjustment of \$502,113 – due to the fact that projected balances for this fund are accumulating significantly. PWSB offered to resolve the disputed funding of this account at 50% of the Division's proposed yearly adjustment, which is approximately the cost associated with the yearly valuation/appraisal of all of PWSB's assets for insurance purposes. The Settling Parties agree to reduce funding of the Insurance account by \$251,057 for RY 2021, RY 2022 and RY 2023.

K. **IFR (Schedule HJS Settlement-10c).** The Division recommended reducing PWSB RY 2023 requested funding amount of \$6 million to \$4 million – an adjustment of \$2 million – based on a projected balance in the account of in excess of \$4 million. PWSB offered to resolve the disputed funding level of this account by offering 50% of the Division's proposed

adjustment. In settlement of these differing positions, PWSB agrees to reduce the requested funding in the IFR account by \$1,000,000 in RY 2023. The agreed to reduction will mitigate the surplus projected balance while allowing PWSB the flexibility it requires to fund ongoing IFR projects.

L. **Service and Materials (Schedule HJS Settlement-6).** Based on its response to BCWA 5-1, PWSB agreed to reduce the funding level in its Service and Materials Account by \$100,000 in RY 2021 and increase it by \$137,750 in RY 2022. The Settling Parties accept PWSB's proposed adjustment as a reasonable resolution of the funding of this account.

M. Including rounding differences, the Settling Parties agree to total adjustments to decrease PSWB's proposed revenue requirement for RY2021 by \$1,065,783, for RY2022 by \$2,846,534 and for RY2023 by \$2,983,935.

5. The Settling Parties agree to the following cost of service and rate design recommendations of the Division reflected in the Direct Testimony of Jerome D. Mierzwa dated May 4, 2020, including the following:

A. A proportionate share (based on pro-forma water sales) of water quality and other testing of non-revenue water will be allocated to Wholesale customers;

B. Water treatment plant labor expenses will be functionalized and allocated based on average day demands (Factor 1);

C. Bad debt expense will be assigned to all retail functional costs.

D. Interest on delinquent accounts will be assigned to all retail functional costs;

E. Direct Fire Protection will be assigned 0.5% of functionalized base costs in this docket;

F. 10% of the square footage related to Commercial Services, within the PWSB Central Operations Facility will be assigned to wholesale customers.

H. Increases in monthly service charges and Public Fire surcharge will be limited to 1.75 times the system average increase authorized by the Commission in this docket;

I. Public Fire Hydrant and Private Fire increases will be 1.75 times the system average increase;

J. Volumetric charges for retail customers will be sufficient to recover the indicated cost of service plus revenue shortfalls resulting from establishing monthly service charges, the Public Fire surcharge, the Public Fire Hydrant charge, and Private Fire charge at less than the indicated cost of service and

6. The parties agree that the increases for Step 2 (FY 2022) and Step 3 (FY 2023) will include the funding for the private side lead service replacement for retail and exclude such costs for wholesale.

7. The wholesale rate is set at \$2,158.02 per million gallons.

8. The residential retail rate is set at \$3.684 per hundred cubic feet (hcf); the commercial rate is set at \$3.859 per hcf; and the industrial rate is set at \$3.512 per hcf.

9. Retail consumption is projected at 12,625,027 hcf based on FY 2019 sales plus an increase for the Johnston acquisition. Wholesale consumption is projected at 11,362,760 hcf based on FY 2019 sales less a reduction related to the Johnston acquisition.

10. The step increases for retail rates, which include the cost for private side lead service replacement, will be 5.54% in FY 2022 and 4.22% in FY 2023. The step increases for the

wholesale rate, which exclude the cost for private side lead service replacement, will be 4.07% in FY 2022 and 2.84% in FY 2023.

11. The Public Fire Supply rate is set at \$595.68 per hydrant, and Private Fire Service rates are shown on Schedule E attached hereto.

12. The impact of this settlement on customers' bills is illustrated on HJS Settlement-25 Comparison of Typical Bill Impacts.

13. It is agreed this change in rates may be implemented by PWSB for consumption on and after approval by the Commission at Open Meeting.

14. It is agreed that all accounts restricted by previous Commission Orders shall remain restricted, except as provided herein.

15. It is agreed that PWSB's new tariffs will be those shown as Schedules A through F attached hereto.

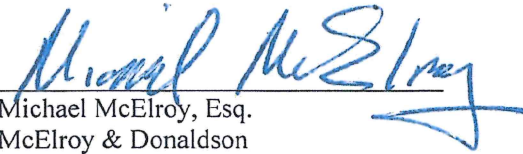
16. This Settlement Agreement is the result of a negotiated settlement among the Settling Parties. The agreement by the Settling Parties shall not be construed as an agreement to any matter of fact or law addressed in the Settlement Agreement in any future Division or Commission proceedings, and no party, by executing this Settlement, is bound by any of the positions taken in this Settlement on any issue is to be construed as a precedent in any future Division or Commission proceedings, nor shall it be cited as precedent.

17. In the event the Commission rejects or fails to approve any part of this Settlement, the entire Settlement shall be void.

18. The Settling Parties attest that this Settlement is the settlement is reasonable, in the public interest, and in accordance with law and regulatory policy.

Executed this 15th day of July, 2020.

Providence Water Supply Board
By its attorney,

 7/1/20

Michael McElroy, Esq.
McElroy & Donaldson
PO Box 6721
Providence, RI 02940-6721
401-351-4100
Michael@McElroyLawOffice.com

Division of Public Utilities and Carriers
By its attorney,

Leo J. Wold
Deputy Chief of Legal Services
89 Jefferson Blvd.
Warwick RI 02888
401-780-2177
Leo.wold@dpuc.ri.gov

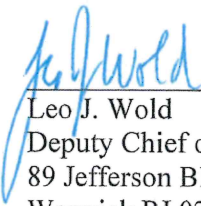
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Executed this ____ day of July, 2020.

Providence Water Supply Board
By its attorney,

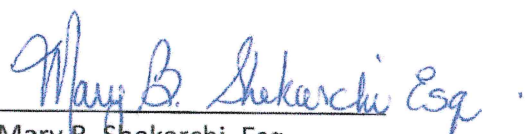
Michael McElroy, Esq.
McElroy & Donaldson
PO Box 6721
Providence, RI 02940-6721
401-351-4100
Michael@McElroyLawOffice.com

Division of Public Utilities and Carriers
By its attorney,




Leo J. Wold
Deputy Chief of Legal Services
89 Jefferson Blvd.
Warwick RI 02888
401-780-2177
Leo.wold@dpuc.ri.gov

Kent County Water Authority
By its attorney,

A handwritten signature in blue ink that reads "Mary B. Shekarchi Esq." with a horizontal line underneath the signature.

Mary B. Shekarchi, Esq.
33 College Hill Rd., Suite # 15E
Warwick, RI 02886
401-828-5030
marybali@aol.com

City of Warwick
By its attorney,



Timothy M. Bliss
Center Place
50 Park Row West; Suite 101
Providence 02903
(401) 274-2100
tbliss@timblisslaw.com

Schedule HJS Settlement-1a: Settlement Summary

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

	Rate Year 1			Rate Year 2					Rate Year 3					
	Original RY 2021	Settle Adj RY 2021	Settlement RY 2021	Original RY 2021	Filed Adj RY 2022	Settle Adj RY 2021	Settle Adj RY 2022	Rate Year FY 2022	Original RY 2022	Filed Adj RY 2023	Settle Adj RY 2021	Settle Adj RY 2022	Settle Adj RY 2023	Rate Year FY 2023
Revenue														
Service Charge	\$ 10,732,613	\$ (676,251)	\$ 10,056,362	\$ 10,732,613	\$ 778,900	\$ (676,251)	\$ (221,826)	\$ 10,613,435	\$ 11,511,512	\$ 454,122	\$ (676,251)	\$ (221,826)	\$ (6,765)	\$ 11,060,793
East Smithfield Debt Surcharge	\$ 82,451	\$ -	\$ 82,451	\$ 82,451	\$ -	\$ -	\$ -	\$ 82,451	\$ 82,451	\$ -	\$ -	\$ -	\$ -	\$ 82,451
Retail Sales	\$ 47,777,226	\$ (591,531)	\$ 47,185,695	\$ 47,777,226	\$ 3,467,345	\$ (591,531)	\$ (853,487)	\$ 49,799,552	\$ 51,244,570	\$ 2,021,568	\$ (591,531)	\$ (853,487)	\$ 77,490	\$ 51,898,610
Wholesale Sales	\$ 18,521,968	\$ (180,247)	\$ 18,341,721	\$ 18,521,968	\$ 1,344,198	\$ (180,247)	\$ (598,581)	\$ 19,087,338	\$ 19,866,166	\$ 783,708	\$ (180,247)	\$ (598,581)	\$ (241,324)	\$ 19,629,722
Private Fire Protection	\$ 3,633,806	\$ 339,159	\$ 3,972,965	\$ 3,633,806	\$ 263,717	\$ 339,159	\$ (43,634)	\$ 4,193,048	\$ 3,897,522	\$ 153,755	\$ 339,159	\$ (43,634)	\$ 22,983	\$ 4,369,786
Retail FPSC	\$ 2,011,593	\$ (125,634)	\$ 1,885,959	\$ 2,011,593	\$ 145,988	\$ (125,634)	\$ (41,515)	\$ 1,990,432	\$ 2,157,580	\$ 85,115	\$ (125,634)	\$ (41,515)	\$ (1,218)	\$ 2,074,329
Public Fire Protection	\$ 1,807,746	\$ 168,720	\$ 1,976,466	\$ 1,807,746	\$ 131,194	\$ 168,720	\$ (21,707)	\$ 2,085,953	\$ 1,938,940	\$ 76,490	\$ 168,720	\$ (21,707)	\$ 11,433	\$ 2,173,876
Miscellaneous Revenue	\$ 1,364,746	\$ 178,417	\$ 1,543,163	\$ 1,364,746	\$ -	\$ 178,417	\$ -	\$ 1,543,163	\$ 1,364,746	\$ -	\$ 178,417	\$ -	\$ -	\$ 1,543,163
TOTAL REVENUE	\$ 85,932,149	\$ (887,367)	\$ 85,044,782	\$ 85,932,149	\$ 6,131,341	\$ (887,367)	\$ (1,780,750)	\$ 89,395,372	\$ 92,063,489	\$ 3,574,759	\$ (887,367)	\$ (1,780,750)	\$ (137,401)	\$ 92,832,730
Total Rate Revenues	\$ 84,567,403	\$ (1,065,784)	\$ 83,501,619	\$ 84,567,403	\$ 6,131,341	\$ (1,065,784)	\$ (1,780,750)	\$ 87,852,209	\$ 90,698,743	\$ 3,574,759	\$ (1,065,784)	\$ (1,780,750)	\$ (137,401)	\$ 91,289,567
Expenses														
Operations														
Operations and Maintenance	\$ 36,530,853	\$ (460,500)	\$ 36,070,353	\$ 36,530,853	\$ 1,011,731	\$ (460,500)	\$ 54,564	\$ 37,136,648	\$ 37,542,583	\$ 1,235,414	\$ (460,500)	\$ 54,564	\$ (84,583)	\$ 38,287,479
Insurance	\$ 2,302,113	\$ (251,057)	\$ 2,051,057	\$ 2,302,113	\$ -	\$ (251,057)	\$ -	\$ 2,051,057	\$ 2,302,113	\$ -	\$ (251,057)	\$ -	\$ -	\$ 2,051,057
Chemical & Sludge	\$ 3,800,000	\$ (200,000)	\$ 3,600,000	\$ 3,800,000	\$ -	\$ (200,000)	\$ -	\$ 3,600,000	\$ 3,800,000	\$ -	\$ (200,000)	\$ -	\$ -	\$ 3,600,000
City Service	\$ 1,490,693	\$ (651,527)	\$ 839,167	\$ 1,490,693	\$ -	\$ (651,527)	\$ -	\$ 839,167	\$ 1,490,693	\$ -	\$ (651,527)	\$ -	\$ -	\$ 839,167
Property Taxes	\$ 7,629,145	\$ -	\$ 7,629,145	\$ 7,629,145	\$ 305,166	\$ -	\$ -	\$ 7,934,311	\$ 7,934,311	\$ 317,372	\$ -	\$ -	\$ -	\$ 8,251,684
Capital Reimbursement	\$ (1,888,937)	\$ -	\$ (1,888,937)	\$ (1,888,937)	\$ (56,668)	\$ -	\$ -	\$ (1,945,605)	\$ (1,945,605)	\$ (48,640)	\$ -	\$ -	\$ -	\$ (1,994,245)
Net Operations	\$ 49,863,867	\$ (1,563,083)	\$ 48,300,784	\$ 49,863,867	\$ 1,260,228	\$ (1,563,083)	\$ 54,564	\$ 49,615,577	\$ 51,124,096	\$ 1,504,147	\$ (1,563,083)	\$ 54,564	\$ (84,583)	\$ 51,035,141
Capital														
Capital Fund	\$ 2,127,000	\$ -	\$ 2,127,000	\$ 2,127,000	\$ -	\$ -	\$ -	\$ 2,127,000	\$ 2,127,000	\$ -	\$ -	\$ -	\$ -	\$ 2,127,000
Western Cranston Fund	\$ 40,000	\$ -	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000
IFR Fund	\$ 29,300,000	\$ -	\$ 29,300,000	\$ 29,300,000	\$ 2,000,000	\$ -	\$ -	\$ 31,300,000	\$ 31,300,000	\$ 2,000,000	\$ -	\$ -	\$ (1,000,000)	\$ 32,300,000
Meter Replacement Fund	\$ 1,000,000	\$ -	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
Vehicle/Equipment Fund	\$ 1,600,000	\$ (50,000)	\$ 1,550,000	\$ 1,600,000	\$ -	\$ (50,000)	\$ (50,000)	\$ 1,500,000	\$ 1,600,000	\$ -	\$ (50,000)	\$ (50,000)	\$ (50,000)	\$ 1,450,000
Lead Service Replacement Fund	\$ 250,000	\$ 750,000	\$ 1,000,000	\$ 250,000	\$ 2,750,000	\$ 750,000	\$ (1,750,000)	\$ 2,000,000	\$ 3,000,000	\$ -	\$ 750,000	\$ (1,750,000)	\$ 1,000,000	\$ 3,000,000
E. Smithfield Debt Service	\$ 82,451	\$ -	\$ 82,451	\$ 82,451	\$ -	\$ -	\$ -	\$ 82,451	\$ 82,451	\$ -	\$ -	\$ -	\$ -	\$ 82,451
Revenue Reserve Fund ⁽¹⁾	\$ 414,081	\$ (5,208)	\$ 408,873	\$ 414,081	\$ 30,051	\$ (5,208)	\$ (8,727)	\$ 430,197	\$ 444,132	\$ 17,521	\$ (5,208)	\$ (8,727)	\$ (673)	\$ 447,045
Capital	\$ 34,813,532	\$ 694,792	\$ 35,508,325	\$ 34,813,532	\$ 4,780,051	\$ 694,792	\$ (1,808,727)	\$ 38,479,649	\$ 39,593,583	\$ 2,017,521	\$ 694,792	\$ (1,808,727)	\$ (50,673)	\$ 40,446,496
TOTAL EXPENSES	\$ 84,677,400	\$ (868,291)	\$ 83,809,109	\$ 84,677,400	\$ 6,040,280	\$ (868,291)	\$ (1,754,163)	\$ 88,095,226	\$ 90,717,679	\$ 3,521,667	\$ (868,291)	\$ (1,754,163)	\$ (135,256)	\$ 91,481,637
Operating Reserve (Unrestricted) ⁽²⁾	\$ 1,242,242	\$ (15,623)	\$ 1,226,619	\$ 1,242,242	\$ 90,153	\$ (15,623)	\$ (26,182)	\$ 1,290,591	\$ 1,332,395	\$ 52,562	\$ (15,623)	\$ (26,182)	\$ (2,019)	\$ 1,341,135
Total Incl. Reserves	\$ 85,919,641	\$ (883,913)	\$ 85,035,728	\$ 85,919,641	\$ 6,130,433	\$ (883,913)	\$ (1,780,344)	\$ 89,385,817	\$ 92,050,074	\$ 3,574,230	\$ (883,913)	\$ (1,780,344)	\$ (137,274)	\$ 92,822,772
Net Revenue Requirement	\$ 84,554,896	\$ (1,062,330)	\$ 83,492,565	\$ 84,554,896	\$ 6,130,433	\$ (1,062,330)	\$ (1,780,344)	\$ 87,842,654	\$ 90,685,328	\$ 3,574,230	\$ (1,062,330)	\$ (1,780,344)	\$ (137,274)	\$ 91,279,609
								\$ 4,350,089						\$ 3,436,955
Revenues Over (Under) Expenses⁽³⁾			\$ 9,054					\$ 9,555						\$ 9,958

	RY 2021	RY 2022	RY 2022	RY 2022	RY 2023	RY 2023
	O&M Settlement	O&M Settlement	Increment	O&M Total	O&M Settlement	Increment
PUC Assessment	\$ 17,315	\$ 17,315	\$ (7,613)	\$ 9,702	\$ 9,702	\$ (8,916)
Labor Cost	\$ (278,128)	\$ (278,128)	\$ (9,961)	\$ (288,089)	\$ (288,089)	\$ (8,860)
Payroll Tax	\$ (21,277)	\$ (21,277)	\$ (762)	\$ (22,039)	\$ (22,039)	\$ (677)
Payroll Tax (Impact of Prior Year)	\$ -	\$ -	\$ (638)	\$ (638)	\$ (638)	\$ (567)
General Inflation	\$ (78,411)	\$ (78,411)	\$ 14,201	\$ (64,210)	\$ (64,210)	\$ (1,351)
General Inflation (Impact of Prior Year)	\$ -	\$ -	\$ (78,411)	\$ (78,411)	\$ (78,411)	\$ (64,211)
Adjustments per BCWA 1-5	\$ (100,000)	\$ (100,000)	\$ 237,750	\$ 137,750	\$ 137,750	\$ (137,750)
BCWA 1-5 (Impact of Prior Year)	\$ -	\$ -	\$ (100,000)	\$ (100,000)	\$ (100,000)	\$ 137,750
Total Adjustments ¹	\$ (460,501)	\$ (460,501)	\$ 54,565	\$ (405,936)	\$ (405,936)	\$ (84,583)
1- The \$1 difference is due to rounding	\$ (1)	\$ (1)	\$ 1	\$ (0)	\$ (0)	\$ 0

Schedule HJS Settlement-2: Pro-Forma Revenue Under Existing Rates

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

Description	Units of Service Service	Adjustment	Adjusted Units of Service	Existing Rates	Existing Revenue
Service Charges					
5/8"	56,181	1,631	57,812	\$ 7.56	\$ 5,244,705
3/4"	11,323	3	11,326	\$ 8.05	\$ 1,094,092
1"	5,292	43	5,335	\$ 9.50	\$ 608,190
1.5"	1,537	10	1,547	\$ 11.43	\$ 212,187
2"	1,344	13	1,357	\$ 16.76	\$ 272,920
3"	73	-	73	\$ 56.01	\$ 49,065
4"	35	-	35	\$ 70.55	\$ 29,631
6"	57	-	57	\$ 104.47	\$ 71,457
8"	42	-	42	\$ 143.23	\$ 72,188
10"	4	-	4	\$ 178.36	\$ 8,561
12"	0	-	0	\$ 213.49	\$ -
Total Retail Service Charges	75,888	1,700	77,588		\$ 7,662,995
Fire Protection Service Charge (Providence Only)					
5/8"	25,954	-	25,954	\$ 1.38	\$ 429,798
3/4"	4,580	-	4,580	\$ 2.07	\$ 113,767
1"	2,091	-	2,091	\$ 5.15	\$ 129,224
1.5"	902	-	902	\$ 13.74	\$ 148,722
2"	792	-	792	\$ 32.96	\$ 313,252
3"	55	-	55	\$ 89.26	\$ 58,912
4"	20	-	20	\$ 151.05	\$ 36,252
6"	28	-	28	\$ 308.97	\$ 103,814
8"	15	-	15	\$ 466.89	\$ 84,040
10"	2	-	2	\$ 714.07	\$ 17,138
12"	-	-	-	\$ 1,180.95	\$ -
Total Retail FPSC (Providence Only)	34,439	-	34,439		\$ 1,434,918
Total Retail Service Charge Revenue					\$ 9,097,913
Retail Consumption Charges					
Residential (HCF)	8,103,732	292,444	8,396,176	\$ 3.403	\$ 28,572,187
Commercial (HCF)	4,031,169	10,496	4,041,665	\$ 3.223	\$ 13,026,286
Industrial (HCF)	164,973	22,213	187,186	\$ 3.169	\$ 593,192
Total	12,299,874	325,153	12,625,027		\$ 42,191,666
East Smithfield Debt Surcharge	235,576	-	235,576	\$ 0.350	\$ 82,451
Total Retail Consumption Charge					\$ 42,274,117
Total Retail Revenue					\$ 51,372,030

Schedule HJS Settlement-2: Pro-Forma Revenue Under Existing Rates

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

Description	Units of Service Service	Adjustment	Adjusted Units of Service	Existing Rates	Existing Revenue
Wholesale Consumption Charges					
Bristol County	1,494,845	-	1,494,845	\$1.350858	\$ 2,019,323.22
East Providence	1,822,773	-	1,822,773	\$1.350858	\$ 2,462,307.12
Greenville	421,521	-	421,521	\$1.350858	\$ 569,415.37
Johnston	385,925	(385,925)	-	\$1.350858	\$ -
Kent County	2,727,147	-	2,727,147	\$1.350858	\$ 3,683,988.95
Lincoln	1,038,229	-	1,038,229	\$1.350858	\$ 1,402,499.42
Smithfield	391,600	-	391,600	\$1.350858	\$ 528,996.36
Warwick	3,466,644	-	3,466,644	\$1.350858	\$ 4,682,944.19
Total Wholesale Revenue	11,748,684	(385,925)	11,362,760		\$ 15,349,475
Wholesale (per million gallons)	8,788	(289)	8,499	\$1,805.96	\$ 15,349,474.63

Description	Units of Service Service	Adjustment	Adjusted Units of Service	Existing Rates	Existing Revenue
Private Fire Service Charges					
3/4"	2	-	2	\$ 8.64	\$ 207
1"	9	-	9	\$ 10.21	\$ 1,103
1.5"	2	-	2	\$ 12.57	\$ 302
2"	68	-	68	\$ 18.64	\$ 15,210
4"	391	-	391	\$ 79.67	\$ 373,812
6"	1,245	-	1,245	\$ 129.89	\$ 1,940,557
8"	256	-	256	\$ 196.73	\$ 604,355
10"	4	-	4	\$ 274.06	\$ 13,155
12"	18	-	18	\$ 367.64	\$ 79,410
16"	-	-	-	\$ 611.43	\$ -
Total	1,995	-	1,995		\$ 3,028,110
Hydrants (Excluding Providence)	3007	311	3,318	\$ 454.02	\$ 1,506,438
Total Fire Protection Charge Revenue					\$4,534,548

Total Rate Revenues	\$ 71,256,053.28
Miscellaneous Revenues	\$ 1,493,162.98
Total Revenues	\$72,749,216

Schedule HJS Settlement-3a: Adjustments to Salaries and Wages

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

TEST YEAR FY 2019

Pay Periods 1 through 26 for FY2019	\$ 15,158,073
ADD: Workers Comp	\$ 252,893
ADD: Unpaid Time - Nopay, FMLA, LOA, Suspension	\$ 115,873
ADD: Normalizing Adjustments vacant positions filled after 6/30/19	\$ 193,689
ADD: Normalizing Adjustments vacant positions to be filled after 6/30/19	\$ 511,178
LESS: 848 payroll not charged to operations	\$ (523,851)
TOTAL ANNUALIZED SALARIES FY2019	\$ 15,707,854

ESTIMATED FY 2020⁽¹⁾

Actuals through 3/30/20	\$ 10,912,854
Annualized Salaries through 6/30/2020	\$ 3,637,618
Funded Vacancies	\$ 803,924
Unpaid Wages	\$ 77,035
Workers Comp	\$ 365,925
Step Increases through 6/30/2020	\$ 44,987
Total Annualized Salaries FY 2020	\$ 15,842,343

RATE YEAR FY 2021

Estimated Step Increases FY2020	\$ -
2% Contractual Raise 7/1/19 FY2020	\$ -
Total Annualized Salaries FY2020	\$ 15,842,343
Estimated Step Increases FY2021 ⁽²⁾	\$ 91,733
2% Contractual Raise 7/1/20 FY2021 ⁽²⁾	\$ 316,847
Total Annualized Salaries FY2021	\$ 16,250,923

Rate Year Adjustments (FY 2021)

\$ 543,068

RATE YEAR FY 2022

Estimated Step Increases FY2022	\$ 94,485
3% Contractual Raise 7/1/21	\$ 487,528
Total Annualized Salaries FY2022	\$ 16,832,936

Rate Year Adjustments (FY 2022)

\$ 582,013

RATE YEAR FY 2023

Estimated Step Increases FY2023	\$ 96,847
Estimated 2.5% Contractual Raise 7/1/22 FY2023	\$ 420,823
Total Annualized Salaries FY2023	\$ 17,350,606

Rate Year Adjustments (FY 2023)

\$ 517,670

(1) Per Ralph Smith Direct (RCS-5)

(2) Reduced proportionately from original amount based on revised FY 2020 annualized salaries.

Schedule HJS Settlement-3b: Adjustments to Salaries and Wages

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

Account	Description	Adjusted Test Year			Pro-Forma Rate Year (Year 1)					Pro-Forma Rate Year (Year 2)					Pro-Forma Rate Year (Year 3)					
		Test Year FY 2019	Test Year FY 19 Adj. 1	Note	Test Year FY 19 Adj.	Rate Year FY 21 Adj. 1	Note	Rate Year FY 21 Adj. 2	Note	Rate Year FY 2021	Rate Year FY 22 Adj. 1	Note	Rate Year FY 22 Adj. 2	Note	Rate Year FY 2022	Rate Year FY 23 Adj. 1	Note	Rate Year FY 23 Adj. 2	Note	Rate Year FY 2023
Source of Supply																				
60110	Salaries & Wages - Emp	\$ 777,108	\$ 53,952	1	\$ 831,060	\$ 33,575	2	\$ (14,769)	3	\$ 849,865	\$ 25,939	4	\$ (529)	5	\$ 875,276	\$ 22,264	6	\$ (470)	7	\$ 897,069
60120	Salaries & Wages - Emp	\$ 391,728	\$ 162,996	1	\$ 554,724	\$ 22,411	2	\$ (7,445)	3	\$ 569,690	\$ 17,314	4	\$ (267)	5	\$ 586,738	\$ 14,861	6	\$ (237)	7	\$ 601,362
60210	Payroll Clearing -SOSO	\$ -	\$ -		\$ -	\$ -				\$ -	\$ -				\$ -	\$ -				\$ -
60220	Payroll Clearing -SOSM	\$ (454)	\$ 454		\$ -	\$ -				\$ -	\$ -				\$ -	\$ -				\$ -
60520	Overhead Rate Applied -SOSM	\$ (883)	\$ 883		\$ -	\$ -				\$ -	\$ -				\$ -	\$ -				\$ -
Total Source of Supply		\$ 1,167,499	\$ 218,286		\$ 1,385,784	\$ 55,986		\$ (22,214)		\$ 1,419,556	\$ 43,253		\$ (796)		\$ 1,462,013	\$ 37,126		\$ (708)		\$ 1,498,431
Water Treatment																				
60130	Salaries & Wages - Emp	\$ 2,303,651	\$ 204,395	1	\$ 2,508,046	\$ 101,325	2	\$ (43,782)	3	\$ 2,565,589	\$ 78,281	4	\$ (1,568)	5	\$ 2,642,302	\$ 67,191	6	\$ (1,395)	7	\$ 2,708,098
60140	Salaries & Wages - Emp	\$ 287,963	\$ -	1	\$ 287,963	\$ 11,634	2	\$ (5,473)	3	\$ 294,123	\$ 8,988	4	\$ (196)	5	\$ 302,915	\$ 7,715	6	\$ (174)	7	\$ 310,456
Total Water Treatment		\$ 2,591,613	\$ 204,395		\$ 2,796,008	\$ 112,959		\$ (49,254)		\$ 2,859,712	\$ 87,269		\$ (1,764)		\$ 2,945,217	\$ 74,906		\$ (1,569)		\$ 3,018,554
Transmission + Dist. Expense:																				
60150	Salaries & Wages - Emp	\$ 557,922	\$ -	1	\$ 557,922	\$ 22,540	2	\$ (10,603)	3	\$ 569,858	\$ 17,414	4	\$ (380)	5	\$ 586,892	\$ 14,947	6	\$ (338)	7	\$ 601,501
60160	Salaries & Wages - Emp	\$ 2,880,826	\$ 126,941	1	\$ 3,007,767	\$ 121,514	2	\$ (54,751)	3	\$ 3,074,530	\$ 93,878	4	\$ (1,961)	5	\$ 3,166,448	\$ 80,579	6	\$ (1,744)	7	\$ 3,245,283
60250	Payroll Clearing-T&DO	\$ (206,396)	\$ 206,396		\$ -	\$ -				\$ -	\$ -				\$ -	\$ -				\$ -
60260	Payroll Clearing -T&DM	\$ (9,815)	\$ 9,815		\$ -	\$ -				\$ -	\$ -				\$ -	\$ -				\$ -
60550	Overhead Rate Applied-T&DO	\$ (485,940)	\$ 485,940		\$ -	\$ -				\$ -	\$ -				\$ -	\$ -				\$ -
60560	Overhead Rate Applied -T&DM	\$ (19,007)	\$ 19,007		\$ -	\$ -				\$ -	\$ -				\$ -	\$ -				\$ -
Total Transmission + Dist. Expense		\$ 2,717,590	\$ 848,099		\$ 3,565,689	\$ 144,054		\$ (65,354)		\$ 3,644,388	\$ 111,292		\$ (2,341)		\$ 3,753,340	\$ 95,526		\$ (2,082)		\$ 3,846,784
Customer Accounts Expense:																				
60170	Salaries & Wages - Emp	\$ 1,945,516	\$ 147,456	1	\$ 2,092,972	\$ 84,556	2	\$ (36,975)	3	\$ 2,140,553	\$ 65,326	4	\$ (1,324)	5	\$ 2,204,554	\$ 56,071	6	\$ (1,178)	7	\$ 2,259,448
60270	Payroll Clearing -CAO	\$ (70,038)	\$ 70,038		\$ -	\$ -				\$ -	\$ -				\$ -	\$ -				\$ -
60570	Overhead Rate Applied-CAO	\$ (260,823)	\$ 260,823		\$ -	\$ -				\$ -	\$ -				\$ -	\$ -				\$ -
Total Customer Accounts Expense		\$ 1,614,655	\$ 478,317		\$ 2,092,972	\$ 84,556		\$ (36,975)		\$ 2,140,553	\$ 65,326		\$ (1,324)		\$ 2,204,554	\$ 56,071		\$ (1,178)		\$ 2,259,448
Administrative and General																				
60180	Salaries & Wages - Emp	\$ 5,489,507	\$ 377,888	1	\$ 5,867,394	\$ 423,649	2	\$ (104,330)	3	\$ 6,186,714	\$ 284,833	4	\$ (3,736)	5	\$ 6,467,811	\$ 262,902	6	\$ (3,324)	7	\$ 6,727,389
60280	Payroll Clearing -A&GO	\$ (477,050)	\$ 477,050		\$ -	\$ -				\$ -	\$ -				\$ -	\$ -				\$ -
60580	Overhead Rate Applied-A&GO	\$ (285,181)	\$ 285,181		\$ -	\$ -				\$ -	\$ -				\$ -	\$ -				\$ -
Total Administrative and General		\$ 4,727,276	\$ 1,140,118		\$ 5,867,394	\$ 423,649		\$ (104,330)		\$ 6,186,714	\$ 284,833		\$ (3,736)		\$ 6,467,811	\$ 262,902		\$ (3,324)		\$ 6,727,389
Total Salaries and Wages		\$ 12,818,633	\$ 2,889,215		\$ 15,707,847	\$ 821,204		\$ (278,128)		\$ 16,250,923	\$ 591,974		\$ (9,961)		\$ 16,832,936	\$ 526,531		\$ (8,860)		\$ 17,350,606
Capital Reimbursement		\$ (1,815,587)	\$ -	1	\$ (1,815,587)	\$ (73,350)	2			\$ (1,888,937)	\$ (56,668)	4			\$ (1,945,605)	\$ (48,640)	6			\$ (1,994,245)

(1) Normalizing Adjustments. See Schedule HJS-3a.
 (2) Estimated Step Increases, 2.0% Contractual Increases on 7/1/2019 and 7/1/2020. See Schedule HJS-3a
 (3) FY 21 Adjustment per Ralph Smith Direct (RCS-5). See Schedule HJS-3a
 (4) Estimated Step Increases, 3.0% Contractual Increases on 7/1/2021. See Schedule HJS-3a
 (5) FY 22 Adjustment per Ralph Smith Direct (RCS-5). See Schedule HJS-3a
 (6) Estimated Step Increases, 2.5% Contractual Increases on 7/1/2022. See Schedule HJS-3a

Schedule HJS Settlement-4a: Adjustments to Pensions and Other Benefits

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

Description	Adjusted Test Year				Pro-Forma Rate Year (Year 1)					Pro-Forma Rate Year (Year 2)					Pro-Forma Rate Year (Year 3)								
	Test Year FY 2019	Test Year FY 19 Adj. 1	Note	Test Year FY 19 Adj.	Rate Year FY 21 Adj. 1	Note	Rate Year FY 21 Adj. 2	Note	FY 21 CPI	Rate Year FY 2021	Rate Year FY 22 Adj. 1	Note	Rate Year FY 22 Adj. 2	Note	FY 22 CPI	Rate Year FY 2022	Rate Year FY 23 Adj. 1	Note	Rate Year FY 23 Adj. 2	Note	FY 23 CPI	Rate Year FY 2023	
1033 Union Combined Benefits	\$ 623,310	\$ 23,698	1	\$ 647,008	\$ 13,005	2				\$ -	\$ 660,013	\$ 6,600	2		\$ -	\$ 666,613	\$ 6,666	2		\$ -	\$ 673,279		
Union Pension	\$ 755,320	\$ 28,717	1	\$ 784,037	\$ 164,648	3				\$ -	\$ 948,684	\$ 94,868	3		\$ -	\$ 1,043,553	\$ 104,355	3		\$ -	\$ 1,147,908		
Death Benefit Insurance	\$ -	\$ -	1	\$ -	\$ -					\$ -	\$ -	\$ -			\$ -	\$ -	\$ -			\$ -	\$ -		
Educational Classes/Certification	\$ 1,560	\$ 59	1	\$ 1,619		4				\$ -	\$ 1,619		4		\$ -	\$ 1,619		4		\$ -	\$ 1,619		
FICA & Medicare	\$ 1,080,005	\$ 41,061	1	\$ 1,121,066	\$ 184,468	5	\$ (21,277)	9		\$ -	\$ 1,284,257	\$ 38,528	5	\$ (762)	9	\$ -	\$ 1,322,023	\$ 33,051	5	\$ (678)	9	\$ -	\$ 1,354,395
State Unemployment Compensation	\$ -	\$ -	1	\$ -	\$ 10,404	5				\$ -	\$ 10,404	\$ 312	5		\$ -	\$ 10,716	\$ 268	5		\$ -	\$ 10,984		
Healthcare EE Cash Payment	\$ -	\$ -	1	\$ -	\$ 14,250					\$ -	\$ 14,250				\$ 14,250					\$ -	\$ 14,250		
1/2% Wage Assignment	\$ 43,687	\$ 1,661	1	\$ 45,348	\$ 1,832	5				\$ -	\$ 47,180	\$ 1,415	5		\$ -	\$ 48,596	\$ 1,215	5		\$ -	\$ 49,810		
Healthcare	\$ 2,347,067	\$ 89,234	1	\$ 2,436,301	\$ 224,201	6				\$ -	\$ 2,660,502	\$ 119,723	6		\$ -	\$ 2,780,224	\$ 125,110	6		\$ -	\$ 2,905,334		
Delta Dental	\$ 209,697	\$ 7,973	1	\$ 217,670	\$ 20,031	6				\$ -	\$ 237,701	\$ 10,697	6		\$ -	\$ 248,397	\$ 11,178	6		\$ -	\$ 259,575		
GASB 43/45 Reserve Required	\$ 579,256	\$ 22,023	1	\$ 601,279	\$ 100,053	7				\$ -	\$ 701,332	\$ 56,107	7		\$ -	\$ 757,438	\$ 60,595	7		\$ -	\$ 818,033		
City Retirement	\$ 4,024,817	\$ 153,021	1	\$ 4,177,838	\$ 428,228	8				\$ -	\$ 4,606,066	\$ 230,303	8		\$ -	\$ 4,836,370	\$ 241,818	8		\$ -	\$ 5,078,188		
Total	\$ 9,664,718	\$ 367,447		\$ 10,032,166	\$ 1,161,120		\$ (21,277)		\$ -	\$ 11,172,009	\$ 558,553		\$ (762)		\$ -	\$ 11,729,799	\$ 584,256		\$ (678)		\$ -	\$ 12,313,378	

- (1) Fringe Benefits on Additional Positions
- (2) Per Union Contract - 1% per year
- (3) Per Union Contract - 10% per year
- (4) Inflation - See HJS-11
- (5) Increased Per Union Contract: FY20 and 21 - 2%/yr, FY22 - 3.0%, FY23 Estimate - 2.5%
- (6) 4.5%/yr estimate
- (7) Increase from FY18 to FY19 - 8% used
- (8) 3-Year Average Increase - 5%
- (9) Payroll reduction reduction per Ralph Smith Direct (RCS-6)

Schedule HJS Settlement-4b: Adjustment to Pension and Other Benefits

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

Account	Description	Adjusted Test Year			Pro-Forma Rate Year (Year 1)					Pro-Forma Rate Year (Year 2)					Pro-Forma Rate Year (Year 3)					Adjustment ⁽¹⁾ Distribution %	
		Test Year FY 2019	Test Year FY 19 Adj. 1	Test Year FY 19 Adj.	Rate Year FY 21 Adj. 1	Rate Year FY 21 Adj. 2	Rate Year FY 21 Adj. 2	Rate Year FY 21 Adj. 2	Rate Year FY 21 Adj. 2	Rate Year FY 21 Adj. 2	Rate Year FY 22 Adj. 1	Rate Year FY 22 Adj. 2	Rate Year FY 22 Adj. 2	Rate Year FY 22 Adj. 2	Rate Year FY 22 Adj. 2	Rate Year FY 22 Adj. 2	Rate Year FY 23 Adj. 1	Rate Year FY 23 Adj. 2	Rate Year FY 23 Adj. 2		Rate Year FY 23 Adj. 2
Source of Supply																					
60410	Employee Pension +Ben -SOSO	\$ 464,481	\$ 17,659	\$ 482,140	\$ 55,803	\$ (1,023)	2	\$ -	\$ 536,920	\$ 26,844	\$ (37)	2	\$ -	\$ 563,727	\$ 28,079	\$ (33)	2	\$ -	\$ 591,774	4.8%	
60420	Employee Pension + Ben -SOSM	\$ 289,896	\$ 11,022	\$ 300,918	\$ 34,828	\$ (638)	2	\$ -	\$ 335,108	\$ 16,754	\$ (23)	2	\$ -	\$ 351,839	\$ 17,525	\$ (20)	2	\$ -	\$ 369,344	3.0%	
Water Treatment Expenses																					
60430	Employee Pension+Benefit-WTO	\$ 1,299,196	\$ 49,395	\$ 1,348,591	\$ 156,085	\$ (2,860)	2	\$ -	\$ 1,501,816	\$ 75,084	\$ (102)	2	\$ -	\$ 1,576,798	\$ 78,540	\$ (91)	2	\$ -	\$ 1,655,246	13.4%	
60440	Employee Pension+Benefit-WTM	\$ 215,343	\$ 8,187	\$ 223,530	\$ 25,871	\$ (474)	2	\$ -	\$ 248,927	\$ 12,445	\$ (17)	2	\$ -	\$ 261,356	\$ 13,018	\$ (15)	2	\$ -	\$ 274,358	2.2%	
Transmission + Dist. Expense:																					
60450	Employee Pension+Benefit-T&DO	\$ 349,795	\$ 13,299	\$ 363,094	\$ 42,024	\$ (770)	2	\$ -	\$ 404,349	\$ 20,216	\$ (28)	2	\$ -	\$ 424,537	\$ 21,146	\$ (25)	2	\$ -	\$ 445,658	3.6%	
60460	Employee Pension+Benefit-T&DM	\$ 1,760,203	\$ 66,922	\$ 1,827,125	\$ 211,471	\$ (3,875)	2	\$ -	\$ 2,034,721	\$ 101,727	\$ (139)	2	\$ -	\$ 2,136,309	\$ 106,409	\$ (123)	2	\$ -	\$ 2,242,594	18.2%	
Customer Accounts Expense:																					
60470	Employee Pension+Benefit-CAO	\$ 1,356,960	\$ 51,591	\$ 1,408,550	\$ 163,025	\$ (2,987)	2	\$ -	\$ 1,568,588	\$ 78,423	\$ (107)	2	\$ -	\$ 1,646,904	\$ 82,032	\$ (95)	2	\$ -	\$ 1,728,840	14.0%	
Administrative and General																					
60480	Employee Pension+Ben-A&GO	\$ 3,928,845	\$ 149,373	\$ 4,078,218	\$ 472,012	\$ (8,649)	2	\$ -	\$ 4,541,580	\$ 227,060	\$ (310)	2	\$ -	\$ 4,768,330	\$ 237,508	\$ (276)	2	\$ -	\$ 5,005,563	40.7%	
Total		\$ 9,664,719	\$ 367,447	\$ 10,032,166	\$ 1,161,120	\$ (21,277)		\$ -	\$ 11,172,009	\$ 558,553	\$ (762)		\$ -	\$ 11,729,800	\$ 584,256	\$ (678)		\$ -	\$ 12,313,378	100.0%	

(1) Total annual adjustment distributed to NARUC accounts in proportion to Test Year FY 2019 values.

(2) Payroll tax reduction, see HJS-4a

Schedule HJS Settlement-5: Adjustments to Purchased Power Expense

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

Account	Description	Adjusted Test Year			Pro-Forma Rate Year (Year 1)				Pro-Forma Rate Year (Year 2)				Pro-Forma Rate Year (Year 3)				
		Test Year FY 2019	Test Year FY 19 Adj. 1	Note	Test Year FY 19 Adj.	Rate Year FY 21 Adj. 1	Note	FY 21 CPI	Rate Year FY 2021	Rate Year FY 22 Adj. 1	Note	FY 22 CPI	Rate Year FY 2022	Rate Year FY 23 Adj. 1	Note	FY 23 CPI	Rate Year FY 2023
Source of Supply																	
61010	Purchased Power	\$ 1,475			\$ 1,475	\$ (574)	1	\$ -	\$ 900	\$ (5)	1	\$ -	\$ 896	\$ (4)	1	\$ -	\$ 891
Total Source of Supply		\$ 1,475	\$ -		\$ 1,475	\$ (574)		\$ -	\$ 900	\$ (5)		\$ -	\$ 896	\$ (4)		\$ -	\$ 891
Pumping																	
61523	Fuel or Power Purchase -PPO	\$ 858,210			\$ 858,210	\$ (331,568)	1	\$ -	\$ 526,642	\$ (2,599)	1	\$ -	\$ 524,043	\$ (2,586)	1	\$ -	\$ 521,458
Total Water Treatment		\$ 858,210	\$ -		\$ 858,210	\$ (331,568)		\$ -	\$ 526,642	\$ (2,599)		\$ -	\$ 524,043	\$ (2,586)		\$ -	\$ 521,458
Water Treatment																	
61530	Purchased Power-WTO	\$ 251,952			\$ 251,952	\$ (98,129)	1	\$ -	\$ 153,823	\$ (769)	1	\$ -	\$ 153,053	\$ (765)	1	\$ -	\$ 152,288
61540	Power Purchased -WTM	\$ -			\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -
61630	Fuel for Purchased Power-WTO	\$ 200,347			\$ 200,347	\$ -		\$ -	\$ 200,347	\$ -		\$ -	\$ 200,347	\$ -		\$ -	\$ 200,347
Total Water Treatment		\$ 452,299	\$ -		\$ 452,299	\$ (98,129)		\$ -	\$ 354,170	\$ (769)		\$ -	\$ 353,401	\$ (765)		\$ -	\$ 352,636
Transmission + Dist. Expense:																	
61550	Power Purchased-T&DO	\$ 19,556			\$ 19,556	\$ (7,617)	1	\$ -	\$ 11,939	\$ (60)	1	\$ -	\$ 11,880	\$ (59)	1	\$ -	\$ 11,820
Total Transmission + Dist. Expense		\$ 19,556	\$ -		\$ 19,556	\$ (7,617)		\$ -	\$ 11,939	\$ (60)		\$ -	\$ 11,880	\$ (59)		\$ -	\$ 11,820
Administrative and General																	
61580	Purchased Power-A&GO	\$ 262,680			\$ 262,680	\$ (55,218)	1	\$ -	\$ 207,461	\$ (433)	1	\$ -	\$ 207,029	\$ (431)	1	\$ -	\$ 206,598
61680	Fuel Or Power Purchased-A&GO	\$ -			\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -
Total Administrative and General		\$ 262,680	\$ -		\$ 262,680	\$ (55,218)		\$ -	\$ 207,461	\$ (433)		\$ -	\$ 207,029	\$ (431)		\$ -	\$ 206,598
Total Power Expense		\$ 1,594,220	\$ -		\$ 1,594,220	\$ (493,106)		\$ -	\$ 1,101,113	\$ (3,865)		\$ -	\$ 1,097,248	\$ (3,846)		\$ -	\$ 1,093,403

(1) Anticipated Reductions in Electric Costs Associated with Solar Generation

Schedule HJS Settlement-6: Adjustment to Materials, Supplies and Services

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

Account	Description	Adjusted Test Year			Pro-Forma Rate Year (Year 1)					Pro-Forma Rate Year (Year 2)					Pro-Forma Rate Year (Year 3)						
		Test Year FY 2019	Test Year FY 19 Adj. 1	Note	Test Year FY 19 Adj.	Rate Year FY 21 Adj. 1	Note	Rate Year FY 21 Adj. 2	Note	FY 21 CPI	Rate Year FY 2021	Rate Year FY 22 Adj. 1	Note	Rate Year FY 22 Adj. 2	Note	FY 22 CPI	Rate Year FY 2022	Rate Year FY 23 Adj. 1	Note	FY 23 CPI	Rate Year FY 2023
Source of Supply																					
62010	Material and Supplies -SOSO	\$ 5,866	\$ -		\$ 5,866	\$ -	\$ -		\$ -	\$ 5,866	\$ -	\$ -		\$ -	\$ 5,866	\$ -	\$ -		\$ -	\$ 5,866	
62020	Material and Supplies -SOSM	\$ 18,893	\$ -		\$ 18,893	\$ -	\$ -		\$ -	\$ 18,893	\$ -	\$ -		\$ -	\$ 18,893	\$ -	\$ -		\$ -	\$ 18,893	
63110	Contractual Service -Eng-SOSO	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	
63120	Contractual Service-Eng-SOSM	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	
63610	Contractual Service Other-SOSO	\$ 13,827	\$ -		\$ 13,827	\$ -	\$ -		\$ -	\$ 13,827	\$ -	\$ -		\$ -	\$ 13,827	\$ -	\$ -		\$ -	\$ 13,827	
63620	Contractual Service Other-SOSM	\$ 12,278	\$ -		\$ 12,278	\$ -	\$ -		\$ -	\$ 12,278	\$ -	\$ -		\$ -	\$ 12,278	\$ -	\$ -		\$ -	\$ 12,278	
64210	Rental of Equipment-SOSO	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	
64220	Rental of Equipment-SOSM	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	
65010	Transportation Expense-SOSO	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	
65020	Transportation Expense-SOSM	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	
67510	Miscellaneous Expenses-SOSO	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	
67520	Miscellaneous Expenses-SOSM	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	
		\$ 50,864	\$ -		\$ 50,864	\$ -	\$ -		\$ -	\$ 50,864	\$ -	\$ -		\$ -	\$ 50,864	\$ -	\$ -		\$ -	\$ 50,864	
Pumping																					
63523	Contractual Service Other-PPO	\$ 13,816	\$ -		\$ 13,816	\$ -	\$ -		\$ -	\$ 13,816	\$ -	\$ -		\$ -	\$ 13,816	\$ -	\$ -		\$ -	\$ 13,816	
		\$ 13,816	\$ -		\$ 13,816	\$ -	\$ -		\$ -	\$ 13,816	\$ -	\$ -		\$ -	\$ 13,816	\$ -	\$ -		\$ -	\$ 13,816	
Water Treatment Expenses																					
62030	Material and Supplies -WTO	\$ 217,299	\$ -		\$ 217,299	\$ -	\$ -		\$ -	\$ 217,299	\$ -	\$ -		\$ -	\$ 217,299	\$ -	\$ -		\$ -	\$ 217,299	
62040	Material and Supplies -WTM	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	
63130	Contractual Service Eng-WTO	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	
63140	Contractual Service Eng-WTM	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	
63630	Contractual Service Other-WTO	\$ 209,400	\$ -		\$ 209,400	\$ 132,000	\$ -		\$ -	\$ 341,400	\$ -	\$ -		\$ -	\$ 341,400	\$ -	\$ -		\$ -	\$ 341,400	
63640	Contractual Service Other-WTM	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	
64230	Rental of Equipment -WTO	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	
64240	Rental of Equipment -WTM	\$ 3,799	\$ -		\$ 3,799	\$ -	\$ -		\$ -	\$ 3,799	\$ -	\$ -		\$ -	\$ 3,799	\$ -	\$ -		\$ -	\$ 3,799	
65030	Transportation Expense-WTO	\$ 1,333	\$ -		\$ 1,333	\$ -	\$ -		\$ -	\$ 1,333	\$ -	\$ -		\$ -	\$ 1,333	\$ -	\$ -		\$ -	\$ 1,333	
67530	Miscellaneous Expenses-WTO	\$ 204,372	\$ -		\$ 204,372	\$ -	\$ -		\$ -	\$ 204,372	\$ -	\$ -		\$ -	\$ 204,372	\$ -	\$ -		\$ -	\$ 204,372	
67540	Miscellaneous Expenses - WTM	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	
		\$ 636,202	\$ -		\$ 636,202	\$ 132,000	\$ -		\$ -	\$ 768,202	\$ -	\$ -		\$ -	\$ 768,202	\$ -	\$ -		\$ -	\$ 768,202	
Transmission + Dist. Expense:																					
62050	Material and Supplies -T&DO	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	
62060	Material and Supplies-T&DM	\$ 319,595	\$ -		\$ 319,595	\$ 107,769	\$ -		\$ -	\$ 427,364	\$ 22,248	\$ -		\$ -	\$ 449,613	\$ 50,374	\$ -		\$ -	\$ 499,986	
63150	Contractual Services Eng-T&DO	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	
63160	Contractual Services Eng-T&DM	\$ 47,278	\$ -		\$ 47,278	\$ -	\$ -		\$ -	\$ 47,278	\$ -	\$ -		\$ -	\$ 47,278	\$ -	\$ -		\$ -	\$ 47,278	
63650	Contractual Service Other-T&DO	\$ 17,310	\$ -		\$ 17,310	\$ 5,288	\$ -		\$ -	\$ 22,598	\$ 1,970	\$ -		\$ -	\$ 24,568	\$ 2,069	\$ -		\$ -	\$ 26,636	
63660	Contractual Service Other-T&DM	\$ 891,828	\$ -		\$ 891,828	\$ 106,311	\$ -		\$ -	\$ 998,139	\$ 4,696	\$ -		\$ -	\$ 1,002,834	\$ 41,240	\$ -		\$ -	\$ 1,044,074	
65060	Transportation Expense -T&DM	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	
67550	Miscellaneous Exp -T&DO	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	
67560	Miscellaneous Exp-T&DM	\$ 44,079	\$ -		\$ 44,079	\$ -	\$ -		\$ -	\$ 44,079	\$ -	\$ -		\$ -	\$ 44,079	\$ -	\$ -		\$ -	\$ 44,079	
		\$ 1,320,090	\$ -		\$ 1,320,090	\$ 219,367	\$ -		\$ -	\$ 1,539,457	\$ 28,914	\$ -		\$ -	\$ 1,568,371	\$ 93,682	\$ -		\$ -	\$ 1,662,053	
Customer Accounts Expense:																					
62070	Material and Supplies-CAO	\$ 4,043	\$ -		\$ 4,043	\$ -	\$ -		\$ -	\$ 4,043	\$ -	\$ -		\$ -	\$ 4,043	\$ -	\$ -		\$ -	\$ 4,043	
63670	Contractual Services Other -CAO	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	
65070	Transportation Expenses -CAO	\$ 3,002	\$ -		\$ 3,002	\$ -	\$ -		\$ -	\$ 3,002	\$ -	\$ -		\$ -	\$ 3,002	\$ -	\$ -		\$ -	\$ 3,002	
67070	Bad Debt Expense	\$ 207,146	\$ -		\$ 207,146	\$ -	\$ -		\$ -	\$ 207,146	\$ -	\$ -		\$ -	\$ 207,146	\$ -	\$ -		\$ -	\$ 207,146	
67570	Miscellaneous Expenses-CAO	\$ 578,923	\$ -		\$ 578,923	\$ 61,964	\$ -		\$ -	\$ 640,886	\$ -	\$ -		\$ -	\$ 640,886	\$ -	\$ -		\$ -	\$ 640,886	
		\$ 793,113	\$ -		\$ 793,113	\$ 61,964	\$ -		\$ -	\$ 855,076	\$ -	\$ -		\$ -	\$ 855,076	\$ -	\$ -		\$ -	\$ 855,076	
Administrative and General																					
62080	Material and Supplies -A&GO	\$ 716,310	\$ -		\$ 716,310	\$ -	\$ -		\$ -	\$ 716,310	\$ -	\$ -		\$ -	\$ 716,310	\$ -	\$ -		\$ -	\$ 716,310	
63180	Contractual Service Eng-A&GO	\$ 60,951	\$ -		\$ 60,951	\$ 75,000	\$ -		\$ -	\$ 135,951	\$ -	\$ -		\$ -	\$ 135,951	\$ -	\$ -		\$ -	\$ 135,951	
63280	Contractual Service Acctg-A&GO	\$ 51,615	\$ -		\$ 51,615	\$ -	\$ -		\$ -	\$ 51,615	\$ -	\$ -		\$ -	\$ 51,615	\$ -	\$ -		\$ -	\$ 51,615	
63380	Contractual Service Legal-A&GO	\$ 73,963	\$ -		\$ 73,963	\$ -	\$ -		\$ -	\$ 73,963	\$ -	\$ -		\$ -	\$ 73,963	\$ -	\$ -		\$ -	\$ 73,963	
63480	Contractual Service Mgmt fees-A&GO	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	
63680	Contractual Service Other-A&GO	\$ 1,383,724	\$ (59,186)		\$ 1,324,538	\$ 971,972	\$ (100,000)	1	\$ -	\$ 2,196,510	\$ (142,622)	\$ 137,750	1	\$ -	\$ 2,191,638	\$ (56,161)	\$ -		\$ -	\$ 2,135,477	
64280	Rental of Equipment-A&GO	\$ 2,686	\$ -		\$ 2,686	\$ -	\$ -		\$ -	\$ 2,686	\$ -	\$ -		\$ -	\$ 2,686	\$ -	\$ -		\$ -	\$ 2,686	
65080	Transportation Expenses-A&GO	\$ 9,564	\$ -		\$ 9,564	\$ 1,380	\$ -		\$ -	\$ 10,944	\$ -	\$ -		\$ -	\$ 10,944	\$ -	\$ -		\$ -	\$ 10,944	
67580	Miscellaneous Expenses- A&GO	\$ 357,305	\$ -		\$ 357,305	\$ 238,057	\$ -		\$ -	\$ 595,362	\$ (137,200)	\$ -		\$ -	\$ 458,162	\$ (14,500)	\$ -		\$ -	\$ 443,662	
		\$ 2,656,118	\$ (59,186)		\$ 2,596,932	\$ 1,286,409	\$ (100,000)		\$ -	\$ 3,783,341	\$ (279,822)	\$ 137,750		\$ -	\$ 3,641,269	\$ (70,661)	\$ -		\$ -	\$ 3,570,608	
		\$ 5,470,203	\$ (59,186)		\$ 5,411,018	\$ 1,699,740	\$ (100,000)		\$ -	\$ 7,010,757	\$ (250,908)	\$ 137,750		\$ -	\$ 6,897,599	\$ 23,022	\$ -		\$ -	\$ 6,920,620	

(1) Rebuttal adjustments per response to BCWA 1-5

Schedule HJS Settlement-7: Adjustment to Regulatory and Rate Case Expense

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

Description	Actuals FY 2019	Note	Rate Year FY 2021	Note	Rate Year FY 2022	Note	Rate Year FY 2023
Regulatory Commission Expense:							
PUC Assessment	\$ 353,599	1	\$ 402,738	1	\$ 429,812	1	\$ 458,706
Legal Matters	63,608	2	25,567	2	26,845	2	28,188
Financial Consultant	56,260	3	-	3	15,000	3	15,000
Other	12,919	4	3,250	4	3,413	4	3,583
Total	\$ 486,386		\$ 431,555		\$ 475,070		\$ 505,477
Rate Case Expense:							
Rate Filing Consultant		5	\$ 98,750	4	\$ 32,917	4	\$ 32,917
Legal		6	133,549	5	44,516	5	44,516
Division		7	79,687	6	26,562	6	26,562
Sub-Total Rate Case Expense			311,986		-		-
Three Year Amortization			\$ 103,995		\$ 103,995		\$ 103,995
Rate Year Expenses			\$ 535,550		\$ 579,065		\$ 609,472
Test Year			\$ 486,386		\$ 535,550		\$ 579,065
Rate Year Adjustment			\$ 49,164		\$ 43,515		\$ 30,407

- (1) 6.72% per year, per Ralph Smith Direct Testimony (RCS-4)
- (2) Average Historical % Increase 2017 to 2019 (5%)
- (3) Estimated Cost of Compliance Filing for FY 22 and 23
- (4) 5% annual increase
- (5) Rate Filing and New Cost of Service Model
- (6) Legal Assistance for Rate Filing
- (7) 2018 + 5% Estimated Increase

Schedule HJS Settlement-8a: Adjustment to Chemicals and Sludge Maintenance Fund

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

878-878-53305⁴ 878-878-53401⁵ 878-878-53500⁶

Description	Ferric (gal)	Lime (ton)	Chlorine (ton)	Fluoride (gal)	Ascorbic Acid (25kg box)	Sodium Hydroxide (gal)*	Orthophosphate Pilot (gal)*	Orthophosphate Full Scale (gal)*	Professional Engineering	Sludge Maintenance	Project Insp. Pump Rentals
Dosing Unit	gpg	gpg	lbs	mg/L	kg	mg/L	mg/L	mg/L			
Avg Dose	1.20	1.02	2.16	0.55		3.40		3.00			
Estimated Chemical Usage	674,356	1,622	200	54,522	3,125	5,600		1,350			
Unit Price	\$1.41	\$235.00	\$2,000.00	\$1.40	\$16.75	\$2.34		\$8.31			
Approx. Cost	\$950,842.5	\$381,208.6	\$400,770.0	\$76,331.5	\$52,343.8			\$11,221.2			
FY2019 Budget	\$950,000.0	\$390,000.0	\$400,000.0	\$84,000.0	\$52,350.0	\$20,000.0		\$15,000.0			
FY2020 Budget	\$960,000.0	\$390,000.0	\$425,000.0	\$84,000.0	\$52,350.0	\$15,000.0		\$15,000.0			
Project Chemical QTY FY20:	673,759	1,660	200	60,000	3,125	8,547		1,805			
Project Chemical QTY FY21-23:						1,450		300			
(FY19 Budget/Unit Price)	\$ 1.41	\$ 235.00	\$ 2,000.00	\$ 1.40	\$ 16.75	\$ 2.34	\$ 8.31	\$ -			
(FY20 Budget/Unit Price)	\$ 1.46	\$ 235.00	\$ 2,000.00	\$ 1.55	\$ 17.25	\$ 2.34	\$ 8.31	\$ 6.80			
FY2020 spending ****	\$ 983,687.94	\$ 390,000.00	\$ 400,000.00	\$ 93,000.00	\$ 53,912.69	\$ 11,700.00	\$ 15,000.00	\$ -	\$ 75,000.00	\$ 1,608,918.00	\$ 200,000.00
(FY21 Budget/Unit Price)	\$ 1.50	\$ 235.00	\$ 2,000.00	\$ 1.55	\$ 17.75	\$ 2.32	\$ 8.84	\$ 5.79			
FY2021 spending ****	\$ 1,010,638.30	\$ 390,000.00	\$ 400,000.00	\$ 93,000.00	\$ 55,475.37	\$ 3,364.00	\$ 2,652.00	\$ 261,993.05		\$ 1,608,918.00	\$ 80,000.00
(FY22 Budget/Unit Price)***	\$ 1.55	\$ 240.00	\$ 2,000.00	\$ 1.60	\$ 18.25	\$ -	\$ -	\$ 6.08			
FY2022 spending ****	\$ 1,044,326.24	\$ 398,297.87	\$ 400,000.00	\$ 96,000.00	\$ 57,038.06	\$ -	\$ -	\$ 357,649.92		\$ 1,608,918.00	
(FY23 Budget/Unit Price)***	\$ 1.60	\$ 240.00	\$ 2,000.00	\$ 1.60	\$ 18.75	\$ -	\$ -	\$ 6.38			
FY2023 spending ****	\$ 1,078,014.18	\$ 398,297.87	\$ 400,000.00	\$ 96,000.00	\$ 58,600.75	\$ -	\$ -	\$ 375,532.42		\$ 1,608,918.00	

* Pilot scale. Average day = 1.41 MGD. Chemical projection and budget increased slightly to allow for increased demonstration area, if needed.

** Full scale orthophosphate at treatment plant tentatively scheduled for fall 2019. Budget pricing included herein based on initial dose (3 mg/L) at average day (61 MGD).

*** Estimated

**** Estimated - based on FY2019 quantities being constant

4 Engineering costs required to complete current study along with estimated engineering costs for future studies

5 Conservative estimated of 10,000 dry tons removed from south sedimentation basin at \$200/dry ton

6 FY20: Estimated \$13K/month for project inspection & \$7K/month for pump rental for 12 months. FY21: Estimated \$13K/month for project inspection & \$7K/month for pump rental for 4 months.

Schedule HJS Settlement-8b: Adjustment to Chemicals and Sludge Maintenance Fund

Providence Water Supply Board

Docket # 4994

Request for General Rate Relief

Confidential Settlement Proposal

Test Year Ending June 30, 2019

Rate Years Ending June 30, 2021 through 2023

Year	Total Chemicals	Professional Engineering	Sludge Maintenance	Project Insp Pump Rentals	Total C&S Maint
FY 2020	\$ 1,947,301	\$ 75,000	\$ 1,608,918	\$ 200,000	\$ 3,831,219
FY 2021	\$ 2,217,123	\$ -	\$ 1,608,918	\$ 80,000	\$ 3,906,041
FY 2022	\$ 2,353,312	\$ -	\$ 1,608,918	\$ -	\$ 3,962,230
FY 2023	\$ 2,406,445	\$ -	\$ 1,608,918	\$ -	\$ 4,015,363

Year	Funding Level	Total Uses	Funding Adjustment	Rate Year Funding
FY 2021	\$ 3,600,000	\$ 3,906,041	\$ (306,041)	\$ 3,600,000
FY 2022	\$ 3,600,000	\$ 3,962,230	\$ (362,230)	\$ 3,600,000
FY 2023	\$ 3,600,000	\$ 4,015,363	\$ (415,363)	\$ 3,600,000

Schedule HJS Settlement-9: Adjustment to Property Taxes

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

Account	Description	Adjusted Test Year			Pro-Forma Rate Year (Year 1)					Pro-Forma Rate Year (Year 2)			Pro-Forma Rate Year (Year 3)			Actual FY 2020	
		Test Year FY 2019	Test Year FY 19 Adj. 1	Note	Test Year FY 19 Adj.	Rate Year FY 21 Adj. 1	Note	Rate Year FY 21 Adj. 2	Note	Rate Year FY 2021	Rate Year FY 22 Adj. 1	Note	Rate Year FY 2022	Rate Year FY 23 Adj. 1	Note		Rate Year FY 2023
40820	North Providence	\$ 285,488	\$ -		\$ 285,488	\$ 6,406	1	\$ 11,676	2	\$ 303,569	\$ 12,143	2	\$ 315,712	\$ 12,628	2	\$ 328,340	\$ 291,893
40821	Glocester	\$ 67,742	\$ -		\$ 67,742	\$ 8,500	1	\$ 3,050	2	\$ 79,292	\$ 3,172	2	\$ 82,463	\$ 3,299	2	\$ 85,762	\$ 76,242
40822	West Glocester Fire	\$ 3,708	\$ -		\$ 3,708	\$ 701	1	\$ 176	2	\$ 4,585	\$ 183	2	\$ 4,769	\$ 191	2	\$ 4,959	\$ 4,409
40823	Harmony Fire Dist.	\$ 200	\$ -		\$ 200	\$ -	1	\$ 8	2	\$ 208	\$ 8	2	\$ 217	\$ 9	2	\$ 225	\$ 200
40824	Chepachet Fire Dist.	\$ 129	\$ -		\$ 129	\$ -	1	\$ 5	2	\$ 134	\$ 5	2	\$ 139	\$ 6	2	\$ 145	\$ 129
40825	Scituate	\$ 6,252,460	\$ -		\$ 6,252,460	\$ 248,223	1	\$ 259,993	2	\$ 6,760,676	\$ 270,427	2	\$ 7,031,103	\$ 281,244	2	\$ 7,312,347	\$ 6,500,683
40827	Johnston	\$ 89,354	\$ -		\$ 89,354	\$ 7,049	1	\$ 3,856	2	\$ 100,258	\$ 4,010	2	\$ 104,269	\$ 4,171	2	\$ 108,439	\$ 96,402
40828	Foster	\$ 289,570	\$ -		\$ 289,570	\$ 10,776	1	\$ 12,014	2	\$ 312,360	\$ 12,494	2	\$ 324,855	\$ 12,994	2	\$ 337,849	\$ 300,347
40829	Cranston	\$ 101,868	\$ -		\$ 101,868	\$ 2,395	1	\$ (43,198)	2,3	\$ 61,065	\$ 2,443	2	\$ 63,507	\$ 2,540	2	\$ 66,047	\$ 104,262
40830	West Warwick	\$ 3,500	\$ -		\$ 3,500	\$ 3,229	1	\$ 269	2	\$ 6,998	\$ 280	2	\$ 7,278	\$ 291	2	\$ 7,569	\$ 6,729
Total		\$ 7,094,018	\$ -		\$ 7,094,018	\$ 287,278		\$ 247,850		\$ 7,629,145	\$ 305,166		\$ 7,934,311	\$ 317,372		\$ 8,251,684	\$ 7,381,296

- (1) Increase to FY 2020 Actual
- (2) 4% Maximum Statutory Increase
- (3) Remove Property Taxes for Demolished Cranston Operations Center

Schedule HJS Settlement-10a: Restricted Funds - Capital Fund

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

Description	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Source of Funds					
D4618 (effective 2/17/2017)	\$ 1,772,500	\$ 2,127,000	\$ 2,127,000	\$ 2,127,000	\$ 2,127,000
Bond RIIB 2015	\$ 14,239	\$ -	\$ -	\$ -	\$ -
Interest earnings	\$ (22,216)	\$ 40,000	\$ 30,000	\$ 30,000	\$ 20,000
Carryover funds from prior year estimated	\$ 5,081,531	\$ 3,458,711	\$ (411,156)	\$ (201,994)	\$ 9,045
Total Sources	\$ 6,846,054	\$ 5,625,711	\$ 1,745,844	\$ 1,955,006	\$ 2,156,045
Less obligated uses of funds:					
RIIB Debt (P&I)					
RIIB Debt 2015 (P&I)	\$ 1,948,871	\$ 1,948,174	\$ 1,947,838	\$ 1,945,960	\$ 1,944,371
Sub-total Debt Service	\$ 1,948,871	\$ 1,948,174	\$ 1,947,838	\$ 1,945,960	\$ 1,944,371
125 Dupont Drive	\$ -	\$ -	\$ -	\$ -	\$ -
Cash Funded Projects*	\$ 1,438,472	\$ 4,088,693	\$ -	\$ -	\$ -
Total Uses	\$ 3,387,343	\$ 6,036,867	\$ 1,947,838	\$ 1,945,960	\$ 1,944,371
End of Year Balance	\$ 3,458,711	\$ (411,156)	\$ (201,994)	\$ 9,045	\$ 211,674

Schedule HJS Settlement-10b: Restricted Funds - Western Cranston Fund

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

Description	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Source of Funds					
D4618 (effective 2/17/2017)	\$ 33,333	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
Impact Fees estimated	\$ 81,878	\$ 25,000	\$ 25,000	\$ 15,000	\$ 10,000
Carryover funds from prior year estimated	\$ 331,157	\$ 275,621	\$ 169,964	\$ 64,403	\$ (51,062)
Total Sources	\$ 446,368	\$ 340,621	\$ 234,964	\$ 119,403	\$ (1,062)
Less obligated uses of funds					
RIIB 2002B (P)	\$ 151,253	\$ 156,503	\$ 161,936	\$ 167,556	\$ -
RIIB 2002 (Pippin Main & WilburPS) (I)	\$ 19,494	\$ 14,153	\$ 8,626	\$ 2,908	\$ -
Sub-total Debt Service	\$ 170,747	\$ 170,656	\$ 170,562	\$ 170,464	\$ -
Miscellaneous Expense					
Cash Funded Projects	\$ -	\$ -	\$ -	\$ -	\$ -
Total Uses	\$ 170,747	\$ 170,656	\$ 170,562	\$ 170,464	\$ -
End of Year Balance	\$ 275,621	\$ 169,964	\$ 64,403	\$ (51,062)	\$ (1,062)

Schedule HJS Settlement-10c: Restricted Funds - IFR Fund

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

Description	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Source of Funds					
D4618 (effective 2/17/2017)	\$ 30,712,500	\$ 27,300,000	\$ 27,300,000	\$ 27,300,000	\$ 27,300,000
New Rate Funding			\$ 2,000,000	\$ 4,000,000	\$ 5,000,000
Miscellaneous Revenue (incl. Transfer for ESWD DS)	\$ 64,142	\$ 52,853	\$ 52,802	\$ 52,689	\$ 52,513
Interest Income ¹	\$ (38,113)	\$ 42,000	\$ 25,000	\$ 10,000	\$ 1,000
Carryover funds from prior year estimated	\$ 10,714,127	\$ 9,702,126	\$ 3,364,587	\$ 12,788,069	\$ 793,456
Total Sources	\$ 41,452,656	\$ 37,096,978	\$ 32,742,389	\$ 44,150,758	\$ 33,146,968
Less obligated uses of funds:					
RIIB (Arra) \$9.3M 2009 (P&I)	\$ 491,080	\$ 491,005	\$ 491,074	\$ 490,542	\$ 490,220
RIIB \$35M 2008 (P&I)	\$ 2,374,237	\$ 2,339,550	\$ 2,371,550	\$ 2,369,540	\$ 2,367,832
RIIB \$25M 2013 (P&I)	\$ 1,545,394	\$ 1,545,575	\$ 1,544,360	\$ 1,542,870	\$ 1,542,106
RIIB \$8M 2014 (P&I)	\$ 501,911	\$ 500,873	\$ 500,850	\$ 500,896	\$ 500,127
RIIB \$16.3M 2017 (P&I)	\$ 1,035,775	\$ 1,036,028	\$ 1,036,743	\$ 1,035,388	\$ 1,034,854
RIIB \$14.7M 2019 (P&I)		\$ 176,864	\$ 934,390	\$ 935,151	\$ 935,636
East Smithfield RIIB 2013 (P&I)	\$ 39,775	\$ 39,177	\$ 39,477	\$ 39,714	\$ 39,888
East Smithfield RIIB 2008 (P&I)	\$ 14,025	\$ 13,675	\$ 13,325	\$ 12,975	\$ 12,625
Est. New Debt Service Series 2020A		\$ -	\$ 313,342	\$ 1,251,662	\$ 1,251,545
Est. New Debt Service Series 2021A				\$ 344,414	\$ 1,375,822
Est. New Debt Service Series 2022A		\$ -			\$ 344,414
Sub-total Debt Service	\$ 6,002,197	\$ 6,142,748	\$ 7,245,112	\$ 8,523,151	\$ 9,895,068
Cash Funded Projects	\$ 25,748,333	\$ 27,589,644	\$ 12,709,208	\$ 34,834,151	\$ 17,724,246
Total Uses	\$ 31,750,530	\$ 33,732,392	\$ 19,954,320	\$ 43,357,302	\$ 27,619,314
End of Year Balance - Cash Balance Carry Fwd.	\$ 9,702,126	\$ 3,364,587	\$ 12,788,069	\$ 793,456	\$ 5,527,654
Bond Funding Activity					
Bond Proceeds	\$ 1,840,830	\$ 16,224,208	\$ 19,245,038	\$ 21,000,000	\$ 21,000,000
Cost of Issuance	\$ 1,082,095	\$ 2,685,757	\$ 1,669,246	\$ 1,669,246	\$ 1,669,246
Bond Funded Projects	\$ 758,735	\$ 13,538,451	\$ 17,575,792	\$ 19,330,754	\$ 19,330,754
Net Bond funding	\$ -	\$ -	\$ -	\$ -	\$ -
Note 1: Negative interest Income in FY2019 is reflective of actual interest earned of \$54,636.32 less a market adjustment of -\$92,7749.32 adjusted by the auditors at year end.					

Schedule HJS Settlement-10d: Restricted Funds - AMR/Meter Replacement Fund

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

Description	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Source of Funds					
D4618 (effective 2/17/2017)	\$ 416,667	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000
New Rate Funding			\$ 500,000	\$ 500,000	\$ 500,000
East Smithfield Surcharge	\$ 69,152	\$ 83,000	\$ 83,000	\$ 83,000	\$ 83,000
Interest/Miscellaneous Revenue	\$ (183)	\$ 25,000	\$ 10,000	\$ 10,000	\$ 10,000
Carryover funds from prior year estimated	\$ 2,073,908	\$ 1,358,386	\$ 679,338	\$ 484,698	\$ 290,344
Total Sources	\$ 2,559,543	\$ 1,966,386	\$ 1,772,338	\$ 1,577,698	\$ 1,383,344
Less obligated uses of funds					
East Smithfield RIIB (Arra) \$400,000	\$ 27,011	\$ 26,931	\$ 27,573	\$ 27,401	\$ 27,198
Transfer to IFR for ESWD Debt Service	\$ 64,142	\$ 52,853	\$ 52,802	\$ 52,689	\$ 52,513
Meter Replacement, Test & Repair	\$ 1,110,005	\$ 1,207,264	\$ 1,207,264	\$ 1,207,264	\$ 1,207,264
Total Uses	\$ 1,201,158	\$ 1,287,048	\$ 1,287,640	\$ 1,287,354	\$ 1,286,974
End of Year Balance	\$ 1,358,386	\$ 679,338	\$ 484,698	\$ 290,344	\$ 96,370

Schedule HJS Settlement-10e: Restricted Funds - Equipment/Vehicle Replacement Fund

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

Description	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Source of Funds					
D4618 (effective 2/17/2017)	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000
New Rate Funding			\$ 950,000	\$ 900,000	\$ 850,000
Miscellaneous Revenue	\$ 295	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Interest	\$ 6,461	\$ 18,000	\$ 15,000	\$ 15,000	\$ 15,000
Carryover funds from prior year estimated	\$ 1,648,796	\$ 676,611	\$ (315,089)	\$ 74,684	\$ 314,320
Total Sources	\$ 2,255,552	\$ 1,299,611	\$ 1,254,911	\$ 1,594,684	\$ 1,784,320
Less obligated uses of funds					
Vehicle and Equipment purchases	\$ 375,418	\$ 741,200	\$ 735,227	\$ 567,614	\$ 495,000
Computer Equipment purchases	\$ 991,999	\$ 325,000	\$ 260,000	\$ 527,750	\$ 470,600
Office Furniture purchases	\$ 7,533	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
Security Equipment	\$ -	\$ 223,500	\$ 60,000	\$ 60,000	\$ 60,000
Shop & Plant Equipment	\$ 203,991	\$ 300,000	\$ 100,000	\$ 100,000	\$ 100,000
Total Uses	\$ 1,578,941	\$ 1,614,700	\$ 1,180,227	\$ 1,280,364	\$ 1,150,600
End of Year Balance	\$ 676,611	\$ (315,089)	\$ 74,684	\$ 314,320	\$ 633,720

Schedule HJS Settlement-10f: Restricted Funds - Insurance Fund

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

Description	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Source of Funds					
D4618 (effective 2/17/2017)	\$ 2,302,113	\$ 2,302,113	\$ 2,302,113	\$ 2,302,113	\$ 2,302,113
New Rate Funding			\$ (251,057)	\$ (251,057)	\$ (251,057)
Reimbursements	\$ 40,797	\$ -	\$ -	\$ -	\$ -
Interest	\$ 12,953	\$ 9,000	\$ 9,100	\$ 9,250	\$ 9,500
Carryover funds from prior year estimated	\$ 2,005,575	\$ 2,334,013	\$ 2,630,506	\$ 2,307,449	\$ 2,292,139
Total Sources	\$ 4,361,438	\$ 4,645,126	\$ 4,690,662	\$ 4,367,756	\$ 4,352,695
Less obligated uses of funds					
Property & Casualty	\$ 1,119,941	\$ 1,129,479	\$ 1,151,934	\$ 1,174,839	\$ 1,198,201
Workers Compensation	\$ 774,580	\$ 779,142	\$ 785,125	\$ 794,279	\$ 800,564
Injuries & Damages *	\$ 113,412	\$ 85,000	\$ 224,654	\$ 85,000	\$ 85,000
Safety Supplies & Other	\$ 15,041	\$ 16,000	\$ 16,500	\$ 16,500	\$ 16,500
Program Expense	\$ 4,452	\$ 5,000	\$ 205,000	\$ 5,000	\$ 5,000
Total Uses	\$ 2,027,425	\$ 2,014,621	\$ 2,383,213	\$ 2,075,617	\$ 2,105,266
End of Year Balance	\$ 2,334,013	\$ 2,630,506	\$ 2,307,449	\$ 2,292,139	\$ 2,247,429

* Injuries and Claims for FY2021 includes 5 property damage claims that are in excess of \$5,000 and 2 pending claims of approximately \$50,000 each from flooding incidents in Cranston & Providence.

Schedule HJS Settlement-10g: Restricted Funds - Chemicals and Sludge Maintenance Fund

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

Description	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Source of Funds					
D4618 (effective 2/17/2017)	\$ 2,566,667	\$ 2,800,000	\$ 2,800,000	\$ 2,800,000	\$ 2,800,000
New Rate Funding			\$ 800,000	\$ 800,000	\$ 800,000
Interest/Misc. Revenue	\$ 23,439	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
Carryover funds from prior year estimated	\$ 3,344,882	\$ 2,524,880	\$ 1,501,662	\$ 1,203,621	\$ 849,391
Total Sources	\$ 5,934,988	\$ 5,332,880	\$ 5,109,662	\$ 4,811,621	\$ 4,457,391
Less obligated uses of funds					
Chemicals	\$ 1,750,925	\$ 1,947,301	\$ 2,217,123	\$ 2,353,312	\$ 2,406,445
Professional Engineering/Contractors	\$ 50,264	\$ 75,000	\$ -	\$ -	\$ -
Miscellaneous Expenses - Project inspections, pump rentals		\$ 200,000	\$ 80,000	\$ -	\$ -
Sludge Maintenance	\$ 1,608,918	\$ 1,608,918	\$ 1,608,918	\$ 1,608,918	\$ 1,608,918
Total Uses	\$ 3,410,107	\$ 3,831,219	\$ 3,906,041	\$ 3,962,230	\$ 4,015,363
End of Year Balance	\$ 2,524,880	\$ 1,501,662	\$ 1,203,621	\$ 849,391	\$ 442,028

Schedule HJS Settlement-10h: Restricted Funds - Property Tax Refund Fund

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

Description	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Source of Funds					
Foster Tax Refund	\$ 190,000	\$ 190,000	\$ 190,000	\$ 190,000	\$ 190,000
Carryover funds from prior year estimated	\$ 501,231	\$ 384,840	\$ 394,840	\$ 354,840	\$ 314,840
Total Sources	\$ 691,231	\$ 574,840	\$ 584,840	\$ 544,840	\$ 504,840
Less obligated uses of funds					
Reimbursement to operations from Foster refund	\$ 291,667	\$ 175,000	\$ 175,000	\$ 175,000	\$ 175,000
Transfer to Operations - Legal Fees	\$ 14,724	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Total Uses	\$ 306,391	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000
Use of Property Tax Refund			\$ 50,000	\$ 50,000	\$ 50,000
End of Year Balance	\$ 384,840	\$ 394,840	\$ 354,840	\$ 314,840	\$ 274,840

Schedule HJS Settlement-10i: Restricted Funds - Private Side Lead Service Replacement

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

Description	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Source of Funds					
D4618 (effective 2/17/2017)	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
New Rate Funding			\$ 750,000	\$ 1,750,000	\$ 2,750,000
Loan Proceeds	\$ 430,326	\$ 569,674	\$ 500,000		
Repayments	\$ 171,159	\$ 250,000	\$ 295,000	\$ 295,000	\$ 295,000
Carryover funds from prior year estimated	\$ 215,533	\$ 445,279	\$ 788,852	\$ 1,708,852	\$ 428,852
Total Sources	\$ 1,067,018	\$ 1,514,953	\$ 2,583,852	\$ 4,003,852	\$ 3,723,852
Less obligated uses of funds					
Project expenditures	\$ 542,028	\$ 500,000	\$ 600,000	\$ 3,000,000	\$ 3,000,000
New debt Service				\$ 300,000	\$ 300,000
RIIB \$1M 2018A (P&I)	\$ 79,711	\$ 226,101	\$ 275,000	\$ 275,000	\$ 144,188
Total Uses	\$ 621,739	\$ 726,101	\$ 875,000	\$ 3,575,000	\$ 3,444,188
End of Year Balance	\$ 445,279	\$ 788,852	\$ 1,708,852	\$ 428,852	\$ 279,664

Schedule HJS Settlement-10j: Restricted Funds - Revenue Reserve Fund

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

Description	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Source of Funds					
D4618 (effective 2/17/2017)	\$ 362,119	\$ 362,119	\$ 362,119	\$ 362,119	\$ 362,119
New Rate Funding			\$ 46,754	\$ 68,078	\$ 84,926
Interest Revenue	40,706	-	-	-	-
Carryover funds from prior year estimated	\$ 5,147,770	\$ 271,784	\$ 386,024	\$ 794,897	\$ 1,225,094
Total Sources	\$ 5,550,596	\$ 633,903	\$ 794,897	\$ 1,225,094	\$ 1,672,139
Less obligated uses of funds					
Transfer to Restricted Funds*	\$ 5,278,812	\$ 247,879	\$ -	\$ -	\$ -
Total Uses	\$ 5,278,812	\$ 247,879	\$ -	\$ -	\$ -
End of Year Balance	\$ 271,784	\$ 386,024	\$ 794,897	\$ 1,225,094	\$ 1,672,139

Note:

* Commission approved to transfer funds from the Revenue Reserve Fund to Operations to fully fund IFR not funded in FY2017 and FY2018 due to revenue shortfalls on 1/14/2019.

Schedule HJS Settlement-11: Inflation Adjustment

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

Description	Historical ¹ FY 16	Historical ¹ FY 17	Historical ¹ FY 18	Historical ¹ FY 19	CPI Adj. ² 3 Yr. CAGR	Rate Year ³ FY 21 CPI	Rate Year ⁴ FY 22 CPI	Rate Year ⁴ FY 23 CPI
CPI-U	239.842	243.79	251.134	255.305				
% Change		1.646%	3.012%	1.661%	2.10%	0.00%	0.00%	0.00%

(1) Consumer Price Index (CPI-U), All Items as of June 30. <https://www.bls.gov/cpi/tables/supplemental-files/home.htm>

(2) Adjustments Based on Compounded Average Growth Rate from FY 16 to FY 19

(3) Adjustment from Test Year FY 19 to Rate Year FY 21. 2 Years at CAGR of 2.10%

(4) Annual Adjustment of 2.10%

Schedule HJS Settlement-12: Rate Year Revenue Requirements

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

Account	Description	Adjusted Test Year			Pro-Forma Rate Year (Year 1)						Pro-Forma Rate Year (Year 2)						Pro-Forma Rate Year (Year 3)						
		Test Year FY 2019	Test Year FY 19 Adj. 1	Note	Test Year FY 19 Adj.	Rate Year FY 21 Adj. 1	Note	Rate Year FY 21 Adj. 2	Note	Rate Year FY 21 CPI	Rate Year FY 2021	Rate Year FY 22 Adj. 1	Note	Rate Year FY 22 Adj. 2	Note	Rate Year FY 22 CPI	Rate Year FY 2022	Rate Year FY 23 Adj. 1	Note	Rate Year FY 23 Adj. 2	Note	Rate Year FY 23 CPI	Rate Year FY 2023
Operation and Maintenance																							
Source of Supply																							
60110	Salary + Wages -SOSO	\$ 777,108	\$ 53,952	3	\$ 831,060	\$ 33,575	3	\$ (14,769)	3	\$ -	\$ 849,865	\$ 25,939	3	\$ (529)	3	\$ -	\$ 875,276	\$ 22,264	3	\$ (470)	3	\$ -	\$ 897,069
60120	Salary + Wages -SOSM	\$ 391,728	\$ 162,996	3	\$ 554,724	\$ 22,411	3	\$ (7,445)	3	\$ -	\$ 569,690	\$ 17,314	3	\$ (267)	3	\$ -	\$ 586,738	\$ 14,861	3	\$ (237)	3	\$ -	\$ 601,362
60210	Payroll Clearing -SOSO	\$ -	\$ -	3	\$ -	\$ -	3	\$ -	3	\$ -	\$ -	\$ -	3	\$ -	3	\$ -	\$ -	\$ -	3	\$ -	3	\$ -	\$ -
60220	Payroll Clearing -SOSM	\$ (454)	\$ 454	3	\$ -	\$ -	3	\$ -	3	\$ -	\$ -	\$ -	3	\$ -	3	\$ -	\$ -	\$ -	3	\$ -	3	\$ -	\$ -
60410	Employee Pension +Ben -SOSO	\$ 464,481	\$ 17,659	4	\$ 482,140	\$ 55,803	4	\$ (1,023)	4	\$ -	\$ 536,920	\$ 26,844	4	\$ (37)	4	\$ -	\$ 563,727	\$ 28,079	4	\$ (33)	4	\$ -	\$ 591,774
60420	Employee Pension + Ben -SOSM	\$ 289,896	\$ 11,022	4	\$ 300,918	\$ 34,828	4	\$ (638)	4	\$ -	\$ 335,108	\$ 16,754	4	\$ (23)	4	\$ -	\$ 351,839	\$ 17,525	4	\$ (20)	4	\$ -	\$ 369,344
60520	Overhead Rate Applied -SOSM	\$ (883)	\$ 883	3	\$ -	\$ -	3	\$ -	3	\$ -	\$ -	\$ -	3	\$ -	3	\$ -	\$ -	\$ -	3	\$ -	3	\$ -	\$ -
61010	Purchased Power	\$ 1,475	\$ -	5	\$ 1,475	\$ (574)	5	\$ -	5	\$ -	\$ 900	\$ (5)	5	\$ -	5	\$ -	\$ 896	\$ (4)	5	\$ -	5	\$ -	\$ 891
62010	Material and Supplies -SOSO	\$ 5,866	\$ -	6	\$ 5,866	\$ -	6	\$ -	6	\$ -	\$ 5,866	\$ -	6	\$ -	6	\$ -	\$ 5,866	\$ -	6	\$ -	6	\$ -	\$ 5,866
62020	Material and Supplies - SOSM	\$ 18,893	\$ -	6	\$ 18,893	\$ -	6	\$ -	6	\$ -	\$ 18,893	\$ -	6	\$ -	6	\$ -	\$ 18,893	\$ -	6	\$ -	6	\$ -	\$ 18,893
63110	Contractual Service -Eng-SOSO	\$ -	\$ -	6	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -
63120	Contractual Service-Eng-SOSM	\$ -	\$ -	6	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -
63610	Contractual Service Other-SOSO	\$ 13,827	\$ -	6	\$ 13,827	\$ -	6	\$ -	6	\$ -	\$ 13,827	\$ -	6	\$ -	6	\$ -	\$ 13,827	\$ -	6	\$ -	6	\$ -	\$ 13,827
63620	Contractual Service Other-SOSM	\$ 12,278	\$ -	6	\$ 12,278	\$ -	6	\$ -	6	\$ -	\$ 12,278	\$ -	6	\$ -	6	\$ -	\$ 12,278	\$ -	6	\$ -	6	\$ -	\$ 12,278
64210	Rental of Equipment-SOSO	\$ -	\$ -	6	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -
64220	Rental of Equipment-SOSM	\$ -	\$ -	6	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -
65010	Transportation Expense-SOSO	\$ -	\$ -	6	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -
65020	Transportation Expense-SOSM	\$ -	\$ -	6	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -
67510	Miscellaneous Expenses-SOSO	\$ -	\$ -	6	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -
67520	Miscellaneous Expenses-SOSM	\$ -	\$ -	6	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -
	Total Source of Supply Expense	\$ 1,974,215	\$ 246,967		\$ 2,221,181	\$ 146,042	\$ (23,875)	\$ -	\$ -	\$ 2,343,349	\$ 86,846	\$ (855)	\$ -	\$ -	\$ 2,429,340	\$ 82,725	\$ (761)	\$ -	\$ -	\$ 2,511,304			
Pumping Expenses																							
61523	Fuel or Power Purchase -PPO	\$ 858,210	\$ -	5	\$ 858,210	\$ (331,568)	5	\$ -	5	\$ -	\$ 526,642	\$ (2,599)	5	\$ -	5	\$ -	\$ 524,043	\$ (2,586)	5	\$ -	5	\$ -	\$ 521,458
63523	Contractual Service Other-PPO	\$ 13,816	\$ -	6	\$ 13,816	\$ -	6	\$ -	6	\$ -	\$ 13,816	\$ -	6	\$ -	6	\$ -	\$ 13,816	\$ -	6	\$ -	6	\$ -	\$ 13,816
	Total Pumping Expenses	\$ 872,026	\$ -		\$ 872,026	\$ (331,568)	\$ -	\$ -	\$ -	\$ 540,458	\$ (2,599)	\$ -	\$ -	\$ -	\$ 537,859	\$ (2,586)	\$ -	\$ -	\$ -	\$ 535,273			

Schedule HJS Settlement-12: Rate Year Revenue Requirements

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

Account	Description	Adjusted Test Year			Pro-Forma Rate Year (Year 1)						Pro-Forma Rate Year (Year 2)						Pro-Forma Rate Year (Year 3)						
		Test Year FY 2019	Test Year FY 19 Adj. 1	Note	Test Year FY 19 Adj.	Rate Year FY 21 Adj. 1	Note	Rate Year FY 21 Adj. 2	Note	Rate Year FY 21 CPI	Rate Year FY 2021	Rate Year FY 22 Adj. 1	Note	Rate Year FY 22 Adj. 2	Note	Rate Year FY 22 CPI	Rate Year FY 2022	Rate Year FY 23 Adj. 1	Note	Rate Year FY 23 Adj. 2	Note	Rate Year FY 23 CPI	Rate Year FY 2023
Water Treatment Expenses																							
60130	Salary + Wages -WTO	\$ 2,303,651	\$ 204,395	3	\$ 2,508,045	\$ 101,325	3	\$ (43,782)	3	\$ -	\$ 2,565,589	\$ 78,281	3	\$ (1,568)	3	\$ -	\$ 2,642,302	\$ 67,191	3	\$ (1,395)	3	\$ -	\$ 2,708,098
60140	Salary + Wages - WTM	\$ 287,963	\$ -	3	\$ 287,963	\$ 11,634	3	\$ (5,473)	3	\$ -	\$ 294,123	\$ 8,988	3	\$ (196)	3	\$ -	\$ 302,915	\$ 7,715	3	\$ (174)	3	\$ -	\$ 310,456
60430	Employee Pension+Benefit-WTO	\$ 1,299,196	\$ 49,395	4	\$ 1,348,591	\$ 156,085	4	\$ (2,860)	4	\$ -	\$ 1,501,816	\$ 75,084	4	\$ (102)	4	\$ -	\$ 1,576,798	\$ 78,540	4	\$ (91)	4	\$ -	\$ 1,655,246
60440	Employee Pension+Benefit-WTM	\$ 215,343	\$ 8,187	4	\$ 223,530	\$ 25,871	4	\$ (474)	4	\$ -	\$ 248,927	\$ 12,445	4	\$ (17)	4	\$ -	\$ 261,356	\$ 13,018	4	\$ (15)	4	\$ -	\$ 274,358
61530	Purchased Power-WTO	\$ 251,952	\$ -	5	\$ 251,952	\$ (98,129)	5	\$ -	5	\$ -	\$ 153,823	\$ (769)	5	\$ -	5	\$ -	\$ 153,053	\$ (765)	5	\$ -	5	\$ -	\$ 152,288
61540	Power Purchased -WTM	\$ -	\$ -	5	\$ -	\$ -	5	\$ -	5	\$ -	\$ -	\$ -	5	\$ -	5	\$ -	\$ -	\$ -	5	\$ -	5	\$ -	\$ -
61630	Fuel for Purchased Power-WTO	\$ 200,347	\$ -	5	\$ 200,347	\$ -	5	\$ -	5	\$ -	\$ 200,347	\$ -	5	\$ -	5	\$ -	\$ 200,347	\$ -	5	\$ -	5	\$ -	\$ 200,347
62030	Material and Supplies -WTO	\$ 217,299	\$ -	6	\$ 217,299	\$ -	6	\$ -	6	\$ -	\$ 217,299	\$ -	6	\$ -	6	\$ -	\$ 217,299	\$ -	6	\$ -	6	\$ -	\$ 217,299
62040	Material and Supplies -WTM	\$ -	\$ -	6	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -
63130	Contractual Service Eng-WTO	\$ -	\$ -	6	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -
63140	Contractual Service Eng-WTM	\$ -	\$ -	6	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -
63630	Contractual Service Other-WTO	\$ 209,400	\$ -	6	\$ 209,400	\$ 132,000	6	\$ -	6	\$ -	\$ 341,400	\$ -	6	\$ -	6	\$ -	\$ 341,400	\$ -	6	\$ -	6	\$ -	\$ 341,400
63640	Contractual Service Other-WTM	\$ -	\$ -	6	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -
64230	Rental of Equipment -WTO	\$ -	\$ -	6	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -
64240	Rental of Equipment -WTM	\$ 3,799	\$ -	6	\$ 3,799	\$ -	6	\$ -	6	\$ -	\$ 3,799	\$ -	6	\$ -	6	\$ -	\$ 3,799	\$ -	6	\$ -	6	\$ -	\$ 3,799
65030	Transportation Expense-WTO	\$ 1,333	\$ -	6	\$ 1,333	\$ -	6	\$ -	6	\$ -	\$ 1,333	\$ -	6	\$ -	6	\$ -	\$ 1,333	\$ -	6	\$ -	6	\$ -	\$ 1,333
67530	Miscellaneous Expenses-WTO	\$ 204,372	\$ -	6	\$ 204,372	\$ -	6	\$ -	6	\$ -	\$ 204,372	\$ -	6	\$ -	6	\$ -	\$ 204,372	\$ -	6	\$ -	6	\$ -	\$ 204,372
67540	Miscellaneous Expenses - WTM	\$ -	\$ -	6	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -
	Total Treatment Expense	\$ 5,194,654	\$ 261,976		\$ 5,456,630	\$ 328,786		\$ (52,589)		\$ -	\$ 5,732,828	\$ 174,030		\$ (1,883)		\$ -	\$ 5,904,974	\$ 165,698		\$ (1,675)		\$ -	\$ 6,068,997
Transmission + Dist. Expense:																							
60150	Salary + Wages -T&DO	\$ 557,922	\$ -	3	\$ 557,922	\$ 22,540	3	\$ (10,603)	3	\$ -	\$ 569,858	\$ 17,414	3	\$ (380)	3	\$ -	\$ 586,892	\$ 14,947	3	\$ (338)	3	\$ -	\$ 601,501
60160	Salary + Wages -T&DM	\$ 2,880,826	\$ 126,941	3	\$ 3,007,767	\$ 121,514	3	\$ (54,751)	3	\$ -	\$ 3,074,530	\$ 93,878	3	\$ (1,961)	3	\$ -	\$ 3,166,448	\$ 80,579	3	\$ (1,744)	3	\$ -	\$ 3,245,283
60250	Payroll Clearing-T&DO	\$ (206,396)	\$ 206,396	3	\$ -	\$ -	3	\$ -	3	\$ -	\$ -	\$ -	3	\$ -	3	\$ -	\$ -	\$ -	3	\$ -	3	\$ -	\$ -
60260	Payroll Clearing -T&DM	\$ (9,815)	\$ 9,815	3	\$ -	\$ -	3	\$ -	3	\$ -	\$ -	\$ -	3	\$ -	3	\$ -	\$ -	\$ -	3	\$ -	3	\$ -	\$ -
60450	Employee Pension+Benefit-T&DO	\$ 349,795	\$ 13,299	4	\$ 363,094	\$ 42,024	4	\$ (770)	4	\$ -	\$ 404,349	\$ 20,216	4	\$ (28)	4	\$ -	\$ 424,537	\$ 21,146	4	\$ (25)	4	\$ -	\$ 445,658
60460	Employee Pension+Benefit-T&DM	\$ 1,760,203	\$ 66,922	4	\$ 1,827,125	\$ 211,471	4	\$ (3,875)	4	\$ -	\$ 2,034,721	\$ 101,727	4	\$ (139)	4	\$ -	\$ 2,136,309	\$ 106,409	4	\$ (123)	4	\$ -	\$ 2,242,594
60550	Overhead Rate Applied-T&DO	\$ (485,940)	\$ 485,940	3	\$ -	\$ -	3	\$ -	3	\$ -	\$ -	\$ -	3	\$ -	3	\$ -	\$ -	\$ -	3	\$ -	3	\$ -	\$ -
60560	Overhead Rate Applied -T&DM	\$ (19,007)	\$ 19,007	3	\$ -	\$ -	3	\$ -	3	\$ -	\$ -	\$ -	3	\$ -	3	\$ -	\$ -	\$ -	3	\$ -	3	\$ -	\$ -
61550	Power Purchased-T&DO	\$ 19,556	\$ -	5	\$ 19,556	\$ (7,617)	5	\$ -	5	\$ -	\$ 11,939	\$ (60)	5	\$ -	5	\$ -	\$ 11,880	\$ (59)	5	\$ -	5	\$ -	\$ 11,820
62050	Material and Supplies -T&DO	\$ -	\$ -	6	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -
62060	Material and Supplies-T&DM	\$ 319,595	\$ -	6	\$ 319,595	\$ 107,769	6	\$ -	6	\$ -	\$ 427,364	\$ 22,248	6	\$ -	6	\$ -	\$ 449,613	\$ 50,374	6	\$ -	6	\$ -	\$ 499,986
63150	Contractual Services Eng-T&DO	\$ -	\$ -	6	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -
63160	Contractual Services Eng-T&DM	\$ 47,278	\$ -	6	\$ 47,278	\$ -	6	\$ -	6	\$ -	\$ 47,278	\$ -	6	\$ -	6	\$ -	\$ 47,278	\$ -	6	\$ -	6	\$ -	\$ 47,278
63650	Contractual Service Other-T&DO	\$ 17,310	\$ -	6	\$ 17,310	\$ 5,288	6	\$ -	6	\$ -	\$ 22,598	\$ 1,970	6	\$ -	6	\$ -	\$ 24,568	\$ 2,069	6	\$ -	6	\$ -	\$ 26,636
63660	Contractual Service Other-T&DM	\$ 891,828	\$ -	6	\$ 891,828	\$ 106,311	6	\$ -	6	\$ -	\$ 998,139	\$ 4,696	6	\$ -	6	\$ -	\$ 1,002,834	\$ 41,240	6	\$ -	6	\$ -	\$ 1,044,074
65060	Transportation Expense -T&DM	\$ -	\$ -	6	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -
67550	Miscellaneous Exp -T&DO	\$ -	\$ -	6	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -
67560	Miscellaneous Exp-T&DM	\$ 44,079	\$ -	6	\$ 44,079	\$ -	6	\$ -	6	\$ -	\$ 44,079	\$ -	6	\$ -	6	\$ -	\$ 44,079	\$ -	6	\$ -	6	\$ -	\$ 44,079
	Total Transmission & Distribution	\$ 6,167,234	\$ 928,320		\$ 7,095,554	\$ 609,300		\$ (70,000)		\$ -	\$ 7,634,854	\$ 262,090		\$ (2,507)		\$ -	\$ 7,894,437	\$ 316,703		\$ (2,230)		\$ -	\$ 8,208,910

Schedule HJS Settlement-12: Rate Year Revenue Requirements

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

Account	Description	Adjusted Test Year			Pro-Forma Rate Year (Year 1)						Pro-Forma Rate Year (Year 2)						Pro-Forma Rate Year (Year 3)						
		Test Year FY 2019	Test Year FY 19 Adj. 1	Note	Test Year FY 19 Adj.	Rate Year FY 21 Adj. 1	Note	Rate Year FY 21 Adj. 2	Note	Rate Year FY 21 CPI	Rate Year FY 2021	Rate Year FY 22 Adj. 1	Note	Rate Year FY 22 Adj. 2	Note	Rate Year FY 22 CPI	Rate Year FY 2022	Rate Year FY 23 Adj. 1	Note	Rate Year FY 23 Adj. 2	Note	Rate Year FY 23 CPI	Rate Year FY 2023
Customer Accounts Expense:																							
60170	Salary+Wages-CAO	\$ 1,945,516	\$ 147,456	3	\$ 2,092,972	\$ 84,556	3	\$ (36,975)	3	\$ -	\$ 2,140,553	\$ 65,326	3	\$ (1,324)	3	\$ -	\$ 2,204,554	\$ 56,071	3	\$ (1,178)	3	\$ -	\$ 2,259,448
60270	Payroll Clearing -CAO	\$ (70,038)	\$ 70,038	3	\$ -	\$ -	3	\$ -	3	\$ -	\$ -	\$ -	3	\$ -	3	\$ -	\$ -	\$ -	3	\$ -	3	\$ -	\$ -
60470	Employee Pension+Benefit-CAO	\$ 1,356,960	\$ 51,591	4	\$ 1,408,550	\$ 163,025	4	\$ (2,987)	4	\$ -	\$ 1,568,588	\$ 78,423	4	\$ (107)	4	\$ -	\$ 1,646,904	\$ 82,032	4	\$ (95)	4	\$ -	\$ 1,728,840
60570	Overhead Rate Applied-CAO	\$ (260,823)	\$ 260,823	3	\$ -	\$ -	3	\$ -	3	\$ -	\$ -	\$ -	3	\$ -	3	\$ -	\$ -	\$ -	3	\$ -	3	\$ -	\$ -
62070	Material and Supplies-CAO	\$ 4,043	\$ -	6	\$ 4,043	\$ -	6	\$ -	6	\$ -	\$ 4,043	\$ -	6	\$ -	6	\$ -	\$ 4,043	\$ -	6	\$ -	6	\$ -	\$ 4,043
63670	Contractual Services Other -CAO	\$ -	\$ -	6	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -
65070	Transportation Expenses -CAO	\$ 3,002	\$ -	6	\$ 3,002	\$ -	6	\$ -	6	\$ -	\$ 3,002	\$ -	6	\$ -	6	\$ -	\$ 3,002	\$ -	6	\$ -	6	\$ -	\$ 3,002
67070	Bad Debt Expense	\$ 207,146	\$ -	6	\$ 207,146	\$ -	6	\$ -	6	\$ -	\$ 207,146	\$ -	6	\$ -	6	\$ -	\$ 207,146	\$ -	6	\$ -	6	\$ -	\$ 207,146
67570	Miscellaneous Expenses-CAO	\$ 578,923	\$ -	6	\$ 578,923	\$ 61,964	6	\$ -	6	\$ -	\$ 640,886	\$ -	6	\$ -	6	\$ -	\$ 640,886	\$ -	6	\$ -	6	\$ -	\$ 640,886
	<i>Total Customer Accounts</i>	\$ 3,764,727	\$ 529,908		\$ 4,294,635	\$ 309,545		\$ (39,963)		\$ -	\$ 4,564,217	\$ 143,749		\$ (1,431)		\$ -	\$ 4,706,534	\$ 138,103		\$ (1,273)		\$ -	\$ 4,843,364
Administrative and General																							
60180	Salary+Wages -A&GO	\$ 5,489,507	\$ 377,888	3	\$ 5,867,394	\$ 423,649	3	\$ (104,330)	3	\$ -	\$ 6,186,714	\$ 284,833	3	\$ (3,736)	3	\$ -	\$ 6,467,811	\$ 262,902	3	\$ (3,324)	3	\$ -	\$ 6,727,389
60280	Payroll Clearing -A&GO	\$ (477,050)	\$ 477,050	3	\$ -	\$ -	3	\$ -	3	\$ -	\$ -	\$ -	3	\$ -	3	\$ -	\$ -	\$ -	3	\$ -	3	\$ -	\$ -
60480	Employee Pension+Ben-A&GO	\$ 3,928,845	\$ 149,373	4	\$ 4,078,218	\$ 472,012	4	\$ (8,649)	4	\$ -	\$ 4,541,580	\$ 227,060	4	\$ (310)	4	\$ -	\$ 4,768,330	\$ 237,508	4	\$ (276)	4	\$ -	\$ 5,005,563
60580	Overhead Rate Applied-A&GO	\$ (285,181)	\$ 285,181	3	\$ -	\$ -	3	\$ -	3	\$ -	\$ -	\$ -	3	\$ -	3	\$ -	\$ -	\$ -	3	\$ -	3	\$ -	\$ -
61580	Purchased Power-A&GO	\$ 262,680	\$ -	5	\$ 262,680	\$ (55,218)	5	\$ -	5	\$ -	\$ 207,461	\$ (433)	5	\$ -	5	\$ -	\$ 207,029	\$ (431)	5	\$ -	5	\$ -	\$ 206,598
61680	Fuel Or Power Purchased-A&GO	\$ -	\$ -	5	\$ -	\$ -	5	\$ -	5	\$ -	\$ -	\$ -	5	\$ -	5	\$ -	\$ -	\$ -	5	\$ -	5	\$ -	\$ -
62080	Material and Supplies -A&GO	\$ 716,310	\$ -	6	\$ 716,310	\$ -	6	\$ -	6	\$ -	\$ 716,310	\$ -	6	\$ -	6	\$ -	\$ 716,310	\$ -	6	\$ -	6	\$ -	\$ 716,310
63180	Contractual Service Eng-A&GO	\$ 60,951	\$ -	6	\$ 60,951	\$ 75,000	6	\$ -	6	\$ -	\$ 135,951	\$ -	6	\$ -	6	\$ -	\$ 135,951	\$ -	6	\$ -	6	\$ -	\$ 135,951
63280	Contractual Service Acctg-A&GO	\$ 51,615	\$ -	6	\$ 51,615	\$ -	6	\$ -	6	\$ -	\$ 51,615	\$ -	6	\$ -	6	\$ -	\$ 51,615	\$ -	6	\$ -	6	\$ -	\$ 51,615
63380	Contractual Service Legal-A&GO	\$ 73,963	\$ -	6	\$ 73,963	\$ -	6	\$ -	6	\$ -	\$ 73,963	\$ -	6	\$ -	6	\$ -	\$ 73,963	\$ -	6	\$ -	6	\$ -	\$ 73,963
63480	Contractual Service Mgmt fees-A&GO	\$ -	\$ -	6	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -	\$ -	6	\$ -	6	\$ -	\$ -
63680	Contractual Service Other-A&GO	\$ 1,383,724	\$ (59,186)	6	\$ 1,324,538	\$ 971,972	6	\$ (100,000)	6	\$ -	\$ 2,196,510	\$ (142,622)	6	\$ 137,750	6	\$ -	\$ 2,191,638	\$ (56,161)	6	\$ -	6	\$ -	\$ 2,135,477
64280	Rental of Equipment-A&GO	\$ 2,686	\$ -	6	\$ 2,686	\$ -	6	\$ -	6	\$ -	\$ 2,686	\$ -	6	\$ -	6	\$ -	\$ 2,686	\$ -	6	\$ -	6	\$ -	\$ 2,686
65080	Transportation Expenses-A&GO	\$ 9,564	\$ -	6	\$ 9,564	\$ 1,380	6	\$ -	6	\$ -	\$ 10,944	\$ -	6	\$ -	6	\$ -	\$ 10,944	\$ -	6	\$ -	6	\$ -	\$ 10,944
66780	Regulatory Commission Expense	\$ 486,386	\$ -	7	\$ 486,386	\$ 49,164	7	\$ -	7	\$ -	\$ 535,550	\$ 43,515	7	\$ -	7	\$ -	\$ 579,065	\$ 30,407	7	\$ -	7	\$ -	\$ 609,472
67580	Miscellaneous Expenses- A&GO	\$ 357,305	\$ -	6	\$ 357,305	\$ 238,057	6	\$ -	6	\$ -	\$ 595,362	\$ (137,200)	6	\$ -	6	\$ -	\$ 458,162	\$ (14,500)	6	\$ -	6	\$ -	\$ 443,662
	<i>Total Administration + General</i>	\$ 12,061,305	\$ 1,230,305		\$ 13,291,611	\$ 2,176,016		\$ (212,979)		\$ -	\$ 15,254,647	\$ 275,153		\$ 133,704		\$ -	\$ 15,663,504	\$ 459,726		\$ (3,599)		\$ -	\$ 16,119,631
	Total Operation & Maintenance	\$ 30,034,161	\$ 3,197,476		\$ 33,231,637	\$ 3,238,121		\$ (399,405)		\$ -	\$ 36,070,353	\$ 939,268		\$ 127,027		\$ -	\$ 37,136,648	\$ 1,160,370		\$ (9,538)		\$ -	\$ 38,287,479

Schedule HJS Settlement-12: Rate Year Revenue Requirements

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

Account	Description	Adjusted Test Year			Pro-Forma Rate Year (Year 1)						Pro-Forma Rate Year (Year 2)						Pro-Forma Rate Year (Year 3)							
		Test Year FY 2019	Test Year FY 19 Adj. 1	Note	Test Year FY 19 Adj.	Rate Year FY 21 Adj. 1	Note	Rate Year FY 21 Adj. 2	Note	Rate Year FY 21 CPI	Rate Year FY 2021	Rate Year FY 22 Adj. 1	Note	Rate Year FY 22 Adj. 2	Note	Rate Year FY 22 CPI	Rate Year FY 2022	Rate Year FY 23 Adj. 1	Note	Rate Year FY 23 Adj. 2	Note	Rate Year FY 23 CPI	Rate Year FY 2023	
Source of Supply		\$ 1,974,215	\$ 246,967		\$ 2,221,181	\$ 146,042	\$ (23,875)	\$ -		\$ 2,343,349	\$ 86,846	\$ (855)	\$ -		\$ 2,429,340	\$ 82,725	\$ (761)	\$ -		\$ 2,511,304				\$ 2,511,304
Pumping		\$ 872,026	\$ -		\$ 872,026	\$ (331,568)	\$ -	\$ -		\$ 540,458	\$ (2,599)	\$ -	\$ -		\$ 537,859	\$ (2,586)	\$ -	\$ -		\$ 535,273				\$ 535,273
Treatment		\$ 5,194,654	\$ 261,976		\$ 5,456,630	\$ 328,786	\$ (52,589)	\$ -		\$ 5,732,828	\$ 174,030	\$ (1,883)	\$ -		\$ 5,904,974	\$ 165,698	\$ (1,675)	\$ -		\$ 6,068,997				\$ 6,068,997
Transmission & Distrib.		\$ 6,167,234	\$ 928,320		\$ 7,095,554	\$ 609,300	\$ (70,000)	\$ -		\$ 7,634,854	\$ 262,090	\$ (2,507)	\$ -		\$ 7,894,437	\$ 316,703	\$ (2,230)	\$ -		\$ 8,208,910				\$ 8,208,910
Customer Accounts		\$ 3,764,727	\$ 529,908		\$ 4,294,635	\$ 309,545	\$ (39,963)	\$ -		\$ 4,564,217	\$ 143,749	\$ (1,431)	\$ -		\$ 4,706,534	\$ 138,103	\$ (1,273)	\$ -		\$ 4,843,364				\$ 4,843,364
Administration & General		\$ 12,061,305	\$ 1,230,305		\$ 13,291,611	\$ 2,176,016	\$ (212,979)	\$ -		\$ 15,254,647	\$ 275,153	\$ 133,704	\$ -		\$ 15,663,504	\$ 459,726	\$ (3,599)	\$ -		\$ 16,119,631				\$ 16,119,631
Total Operation & Maintenance		\$ 30,034,161	\$ 3,197,476		\$ 33,231,637	\$ 3,238,121	\$ (399,405)	\$ -		\$ 36,070,353	\$ 939,268	\$ 127,027	\$ -		\$ 37,136,648	\$ 1,160,370	\$ (9,538)	\$ -		\$ 38,287,479				\$ 38,287,479
Capitalized Overheads		\$ 1,815,587	\$ (1,815,587)		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -			\$ -	
Full Operation & Maint. Operating Fund		\$ 31,849,748	\$ 1,381,889		\$ 33,231,637	\$ 3,238,121	\$ (399,405)	\$ -		\$ 36,070,353	\$ 939,268	\$ 127,027	\$ -		\$ 37,136,648	\$ 1,160,370	\$ (9,538)	\$ -		\$ 38,287,479				\$ 38,287,479
857 Insurance Fund																								
62080	Material and Supplies -A&GO	\$ 15,041	\$ -	10	\$ 15,041	\$ 1,459	\$ -	10		\$ 16,500	\$ -	10		\$ 16,500	\$ -	10		\$ 16,500	\$ -	10			\$ 16,500	
62080	Injuries and Damages	\$ 113,412	\$ -	10	\$ 113,412	\$ 111,242	\$ -	10		\$ 224,654	\$ (139,654)	10		\$ 85,000	\$ -	10		\$ 85,000	\$ -	10			\$ 85,000	
63680	Contract Services - Other A&GO	\$ -	\$ -	10	\$ -	\$ -	\$ -	10		\$ -	\$ -	10		\$ -	\$ -	10		\$ -	\$ -	10			\$ -	
65780 +	Ins. Gen. Liability	\$ -	\$ -		\$ -	\$ -	\$ -			\$ -	\$ -			\$ -	\$ -			\$ -	\$ -				\$ -	
65980	Insurance- Other A&GO	\$ 1,119,941	\$ -	10	\$ 1,119,941	\$ 31,993	\$ -	10		\$ 1,151,934	\$ 22,905	10		\$ 1,174,839	\$ 23,363	10		\$ 1,198,201	\$ -	10			\$ 1,198,201	
65880	Insurance - W/C	\$ 774,580	\$ -	10	\$ 774,580	\$ 10,545	\$ -	10		\$ 785,125	\$ 9,154	10		\$ 794,279	\$ 6,286	10		\$ 800,564	\$ -	10			\$ 800,564	
67580	Misc. Expense	\$ 4,452	\$ -	10	\$ 4,452	\$ 200,548	\$ -	10		\$ 205,000	\$ (200,000)	10		\$ 5,000	\$ -	10		\$ 5,000	\$ -	10			\$ 5,000	
	Funding Adjustment	\$ 0	\$ 274,688	10	\$ 274,688	\$ (606,845)	\$ -	10		\$ (332,156)	\$ 307,596	10		\$ (24,561)	\$ (29,648)	10		\$ (54,209)	\$ -	10			\$ (54,209)	
Total Insurance Fund		\$ 2,027,425	\$ 274,688		\$ 2,302,113	\$ (251,057)	\$ -	\$ -		\$ 2,051,057	\$ -	\$ -	\$ -		\$ 2,051,057	\$ -	\$ -	\$ -		\$ 2,051,057				\$ 2,051,057
878 Chemical and Sludge Maintenance Fund																								
61830	Chemicals - WTO	\$ 1,750,925	\$ -	8	\$ 1,750,925	\$ 466,197	\$ -	8		\$ 2,217,123	\$ 136,189	8		\$ 2,353,312	\$ 53,133	8		\$ 2,406,445	\$ -	8			\$ 2,406,445	
63130	Contract Services - Eng WTM	\$ 50,264	\$ -	8	\$ 50,264	\$ (50,264)	\$ -	8		\$ -	\$ -	8		\$ -	\$ -	8		\$ -	\$ -	8			\$ -	
63640	Contract Services - Other WTM	\$ 1,608,918	\$ -	8	\$ 1,608,918	\$ (0)	\$ -	8		\$ 1,608,918	\$ -	8		\$ 1,608,918	\$ -	8		\$ 1,608,918	\$ -	8			\$ 1,608,918	
67540	Miscellaneous Expenses - WTM	\$ -	\$ -	8	\$ -	\$ 80,000	\$ -	8		\$ 80,000	\$ (80,000)	8		\$ -	\$ -	8		\$ -	\$ -	8			\$ -	
	Funding Adjustment	\$ -	\$ (843,441)	8	\$ (843,441)	\$ 537,400	\$ -	8		\$ (306,041)	\$ (56,189.38)	8		\$ (362,230)	\$ (53,133)	8		\$ (415,363)	\$ -	8			\$ (415,363)	
Total Chemical and Sludge Maintenance Fund		\$ 3,410,107	\$ (843,441)		\$ 2,566,667	\$ 1,033,333	\$ -	\$ -		\$ 3,600,000	\$ -	\$ -	\$ -		\$ 3,600,000	\$ -	\$ -	\$ -		\$ 3,600,000				\$ 3,600,000
Total O&M		\$ 37,287,280	\$ 813,137		\$ 38,100,417	\$ 4,020,397	\$ (399,405)	\$ -		\$ 41,721,409	\$ 939,268	\$ 127,027	\$ -		\$ 42,787,704	\$ 1,160,370	\$ (9,538)	\$ -		\$ 43,938,536				\$ 43,938,536

Schedule HJS Settlement-12: Rate Year Revenue Requirements

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

Account	Description	Adjusted Test Year			Pro-Forma Rate Year (Year 1)						Pro-Forma Rate Year (Year 2)						Pro-Forma Rate Year (Year 3)						
		Test Year FY 2019	Test Year FY 19 Adj. 1	Note	Test Year FY 19 Adj.	Rate Year FY 21 Adj. 1	Note	Rate Year FY 21 Adj. 2	Note	Rate Year FY 21 CPI	Rate Year FY 2021	Rate Year FY 22 Adj. 1	Note	Rate Year FY 22 Adj. 2	Note	Rate Year FY 22 CPI	Rate Year FY 2022	Rate Year FY 23 Adj. 1	Note	Rate Year FY 23 Adj. 2	Note	Rate Year FY 23 CPI	Rate Year FY 2023
Property Taxes- Other Local Govern.																							
40820	Town of North Providence	\$ 285,488	\$ -	9	\$ 285,488	\$ 6,406	9	\$ 11,676	9	\$ -	\$ 303,569	\$ 12,143	9	\$ -	9	\$ -	\$ 315,712	\$ 12,628	9	\$ -	9	\$ -	\$ 328,340
40821	Town of Glocester	\$ 67,742	\$ -	9	\$ 67,742	\$ 8,500	9	\$ 3,050	9	\$ -	\$ 79,292	\$ 3,172	9	\$ -	9	\$ -	\$ 82,463	\$ 3,299	9	\$ -	9	\$ -	\$ 85,762
40822	Town of West. Glocester	\$ 3,708	\$ -	9	\$ 3,708	\$ 701	9	\$ 176	9	\$ -	\$ 4,585	\$ 183	9	\$ -	9	\$ -	\$ 4,769	\$ 191	9	\$ -	9	\$ -	\$ 4,959
40823	Town Harmony	\$ 200	\$ -	9	\$ 200	\$ -	9	\$ 8	9	\$ -	\$ 208	\$ 8	9	\$ -	9	\$ -	\$ 217	\$ 9	9	\$ -	9	\$ -	\$ 225
40824	Town Chepachet	\$ 129	\$ -	9	\$ 129	\$ -	9	\$ 5	9	\$ -	\$ 134	\$ 5	9	\$ -	9	\$ -	\$ 139	\$ 6	9	\$ -	9	\$ -	\$ 145
40825	Town Scituate	\$ 6,252,460	\$ -	9	\$ 6,252,460	\$ 248,223	9	\$ 259,993	9	\$ -	\$ 6,760,676	\$ 270,427	9	\$ -	9	\$ -	\$ 7,031,103	\$ 281,244	9	\$ -	9	\$ -	\$ 7,312,347
40827	Town of Johnston	\$ 89,354	\$ -	9	\$ 89,354	\$ 7,049	9	\$ 3,856	9	\$ -	\$ 100,258	\$ 4,010	9	\$ -	9	\$ -	\$ 104,269	\$ 4,171	9	\$ -	9	\$ -	\$ 108,439
40828	Town of Foster	\$ 289,570	\$ -	9	\$ 289,570	\$ 10,776	9	\$ 12,014	9	\$ -	\$ 312,360	\$ 12,494	9	\$ -	9	\$ -	\$ 324,855	\$ 12,994	9	\$ -	9	\$ -	\$ 337,849
40829	City of Cranston	\$ 101,868	\$ -	9	\$ 101,868	\$ 2,395	9	\$ (43,198)	9	\$ -	\$ 61,065	\$ 2,443	9	\$ -	9	\$ -	\$ 63,507	\$ 2,540	9	\$ -	9	\$ -	\$ 66,047
40830	City of West. Warwick	\$ 3,500	\$ -	9	\$ 3,500	\$ 3,229	9	\$ 269	9	\$ -	\$ 6,998	\$ 280	9	\$ -	9	\$ -	\$ 7,278	\$ 291	9	\$ -	9	\$ -	\$ 7,569
	Total Property Taxes	\$ 7,094,018	\$ -		\$ 7,094,018	\$ 287,278		\$ 247,850		\$ -	\$ 7,629,145	\$ 305,166		\$ -		\$ 7,934,311	\$ 317,372		\$ -		\$ -	\$ 8,251,684	
	Full Operation & Maint.	\$ 37,287,280	\$ 813,137		\$ 38,100,417	\$ 4,020,397		\$ (399,405)		\$ -	\$ 41,721,409	\$ 939,268		\$ -		\$ 42,787,704	\$ 1,160,370		\$ -		\$ -	\$ 43,938,536	
	City Services	\$ 839,167	\$ -		\$ 839,167	\$ -		\$ -		\$ -	\$ 839,167	\$ -		\$ -		\$ 839,167	\$ -		\$ -		\$ -	\$ 839,167	
	Total Property Taxes	\$ 7,094,018	\$ -		\$ 7,094,018	\$ 287,278		\$ 247,850		\$ -	\$ 7,629,145	\$ 305,166		\$ -		\$ 7,934,311	\$ 317,372		\$ -		\$ -	\$ 8,251,684	
	Capital Reimbursement	\$ (1,815,587)	\$ -	3	\$ (1,815,587)	\$ (73,350)	3	\$ -		\$ -	\$ (1,888,937)	\$ (56,668)	3	\$ -		\$ (1,945,605)	\$ (48,640)	3	\$ -		\$ -	\$ (1,994,245)	
	Total Other Expenditures	\$ 43,404,877	\$ 813,137		\$ 44,218,014	\$ 4,234,326		\$ (151,555)		\$ -	\$ 48,300,784	\$ 1,187,766		\$ -		\$ 49,615,577	\$ 1,429,102		\$ -		\$ -	\$ 51,035,141	
Restricted Expenditures																							
	Capital Fund	\$ 2,127,000	\$ -	10	\$ 2,127,000	\$ -	10			\$ -	\$ 2,127,000	\$ -	10			\$ 2,127,000	\$ -	10			\$ -	\$ 2,127,000	
	Western Cranston Fund	\$ 40,000	\$ -	10	\$ 40,000	\$ -	10			\$ -	\$ 40,000	\$ -	10			\$ 40,000	\$ -	10			\$ -	\$ 40,000	
	IFR Fund	\$ 27,300,000	\$ -	10	\$ 27,300,000	\$ 2,000,000	10			\$ -	\$ 29,300,000	\$ 2,000,000	10			\$ 31,300,000	\$ 1,000,000	10			\$ -	\$ 32,300,000	
	Meter Replacement Fund (Excl. ES Debt)	\$ 500,000	\$ -	10	\$ 500,000	\$ 500,000	10			\$ -	\$ 1,000,000	\$ -	10			\$ 1,000,000	\$ -	10			\$ -	\$ 1,000,000	
	Vehicle/Equipment Fund	\$ 600,000	\$ -	10	\$ 600,000	\$ 950,000	10			\$ -	\$ 1,550,000	\$ (50,000)	10			\$ 1,500,000	\$ (50,000)	10			\$ -	\$ 1,450,000	
	Lead Service Replacement Fund	\$ 250,000	\$ -	10	\$ 250,000	\$ 750,000	10			\$ -	\$ 1,000,000	\$ 1,000,000	10			\$ 2,000,000	\$ 1,000,000	10			\$ -	\$ 3,000,000	
	Revenue Reserve Fund	\$ 362,119	\$ 5,590	1	\$ 367,709	\$ 41,164	1			\$ -	\$ 408,873	\$ 21,324	1			\$ 430,197	\$ 16,848	1			\$ -	\$ 447,045	
	Total Restricted Expenditures	\$ 31,179,119	\$ 5,590		\$ 31,184,709	\$ 4,241,164		\$ -		\$ -	\$ 35,425,873	\$ 2,971,324		\$ -		\$ 38,397,197	\$ 1,966,848		\$ -		\$ -	\$ 40,364,045	
Grand Total		\$ 74,583,996	\$ 818,727		\$ 75,402,723	\$ 8,475,490		\$ (151,555)		\$ -	\$ 83,726,657	\$ 4,159,090		\$ -		\$ 88,012,774	\$ 3,395,950		\$ -		\$ -	\$ 91,399,186	

Note

- 1 See HJS-1 Cost of Service Summary
- 2 See HJS-2 Revenue Under Existing Rates
- 3 See HJS-3 Adjustments to Salaries and Wages
- 4 See HJS-4 Adjustments to Pensions and Other Benefits
- 5 See HJS-5 Adjustments to Utilities
- 6 See HJS-6 Adjustments to Supplies, Materials and Services
- 7 See HJS-7 Adjustments to Regulatory and Rate Case Expense
- 8 See HJS-8 Adjustments to Chemicals and Sludge Maintenance
- 9 See HJS-9 Adjustments to Property Taxes
- 10 See HJS-10 Restricted Funds
- 11 See HJS-11 Inflation Adjustment

Schedule HJS Settlement-13a: Allocation Factors

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

Factor	Description	Common To All			Retail Only						
		Base	Max Day	Max Hour	Base	Max Day	Max Hour	Meters & Services	Billing & Collection	Direct Fire	
1	99.5% CTA Base 0.5% Direct Fire	99.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.50%	100.00%
2	CTA Base, Max Day	58.47%	41.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
3	CTA Base, Max Day, Max Hour	34.68%	24.63%	40.68%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
4	99.5% Retail Base, 0.5% Direct Fire	0.00%	0.00%	0.00%	99.50%	0.00%	0.00%	0.00%	0.00%	0.50%	100.00%
5	Retail Base, Max Day	0.00%	0.00%	0.00%	58.47%	41.53%	0.00%	0.00%	0.00%	0.00%	100.00%
6	Retail Base, Max Day, Max Hour	0.00%	0.00%	0.00%	34.68%	24.63%	40.68%	0.00%	0.00%	0.00%	100.00%
7	100% M&S	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
8	100% Billing	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
9	50% M&S, 50% Billing	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	0.00%	100.00%
10	100% Public Fire	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
11	100% E. Smithfield	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
12	As Pump Station Electric Costs	29.46%	20.93%	34.55%	5.22%	3.71%	6.13%	0.00%	0.00%	0.00%	100.00%
13	As T&D Work/Service Orders	4.46%	3.17%	5.24%	6.79%	4.82%	7.96%	49.69%	0.01%	17.86%	100.00%
14	As T&D Contract Services	12.69%	9.01%	14.88%	19.15%	13.60%	22.47%	8.20%	0.00%	0.00%	100.00%
15	As Labor O&M Excl. A&G	42.76%	1.16%	1.91%	2.47%	1.76%	2.90%	18.11%	22.22%	6.72%	100.00%
16	As Non-Labor O&M Excl. A&G	24.85%	16.76%	9.00%	7.09%	5.04%	8.32%	9.62%	16.85%	2.47%	100.00%
17	As Total O&M Excl. A&G	39.22%	4.25%	3.31%	3.39%	2.41%	3.97%	16.43%	21.16%	5.87%	100.00%
18	As Pump Station Capacity	70.49%	7.98%	13.18%	2.79%	1.98%	3.28%	0.00%	0.00%	0.30%	100.00%
19	As T&D Plant Excl. M&S, Land, Structures	22.86%	16.24%	1.43%	19.38%	13.76%	22.73%	0.00%	0.00%	3.61%	100.00%
20	As Total Plant Excl. Gen. Plant	36.43%	11.36%	0.82%	10.86%	7.71%	12.73%	17.97%	0.00%	2.12%	100.00%
21	As Total Plant Excl. Land, COF	28.40%	12.80%	0.92%	12.23%	8.68%	14.34%	20.30%	0.00%	2.33%	100.00%
22	As Central Operations Facility Square Footage	18.55%	6.64%	4.61%	12.46%	6.69%	11.05%	27.19%	7.15%	5.66%	100.00%
23	As Total Insurance Before Adjustment	32.44%	10.15%	6.00%	5.13%	3.65%	6.02%	13.22%	19.13%	4.27%	100.00%
24	As Total Chemicals Before Adjustment	81.76%	17.96%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.28%	100.00%
25	As Total Revenue Requirement Before Reserve:	41.34%	8.10%	2.13%	6.32%	4.48%	7.40%	15.90%	10.75%	3.57%	100.00%
26	As Retail Req. Excl. Bad Debt	0.00%	0.00%	0.00%	12.87%	9.13%	15.07%	33.22%	22.42%	7.29%	100.00%
27	As Total Plant Excl. Land	27.56%	12.27%	1.24%	12.25%	8.51%	14.06%	20.89%	0.61%	2.61%	100.00%

Factor	Description	Base	MDEC	MHEC	Total
1	100% CTA Base	100.00%			100.00%
2	CTA Base, Max Day				
	System Demand (Ccf/Day)	65,720	46,678	-	112,398
	Allocation Factor (%)	58.47%	41.53%	0.00%	100.00%
3	CTA Base, Max Day, Max Hour				
	System Demand (Ccf/Day)	65,720	46,678	77,081	189,479
	Allocation Factor (%)	34.68%	24.63%	40.68%	100.00%
4	100% Retail Base	100.00%			100.00%
5	Retail Base, Max Day	58.47%	41.53%	0.00%	100.00%
6	Retail Base, Max Day, Max Hour	34.68%	24.63%	40.68%	100.00%

Schedule HJS Settlement-13b: Pumping Capacity and Power (Factors 12 and 18)

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

Station	Capacity (MGD)	Power Cost	Allocation	Common To All			Retail Only						
				Base	Max Day	Max Hour	Base	Max Day	Max Hour	Meters & Services	Billing & Collection	Direct Fire	
Neutaconkanut	38.6	\$ 321,096	3	\$ 111,371	\$ 79,102	\$ 130,623	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bath Street	28.9	\$ 212,118	3	\$ 73,572	\$ 52,255	\$ 86,290	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Aqueduct	11.5	\$ 182,312	3	\$ 63,234	\$ 44,912	\$ 74,165	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fruit Hill	4.3	\$ 39,175	6	\$ -	\$ -	\$ -	\$ 13,588	\$ 9,651	\$ 15,937	\$ -	\$ -	\$ -	\$ -
Alpine Estates	1.7	\$ 3,637	6	\$ -	\$ -	\$ -	\$ 1,262	\$ 896	\$ 1,480	\$ -	\$ -	\$ -	\$ -
Cranston	3.8	\$ 17,420	6	\$ -	\$ -	\$ -	\$ 6,042	\$ 4,291	\$ 7,087	\$ -	\$ -	\$ -	\$ -
Dean Estates	5.1	\$ 31,886	6	\$ -	\$ -	\$ -	\$ 11,059	\$ 7,855	\$ 12,971	\$ -	\$ -	\$ -	\$ -
Greenville	2.5	\$ 23,469	6	\$ -	\$ -	\$ -	\$ 8,140	\$ 5,782	\$ 9,547	\$ -	\$ -	\$ -	\$ -
Ashby Street	1.4	\$ -	6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structure "D" PS	8.0	\$ 7,048	3	\$ 2,445	\$ 1,736	\$ 2,867	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Waltham	2.7	\$ 12,502	6	\$ -	\$ -	\$ -	\$ 4,336	\$ 3,080	\$ 5,086	\$ -	\$ -	\$ -	\$ -
Totals	108.7	\$ 850,664		\$ 250,622	\$ 178,006	\$ 293,946	\$ 44,427	\$ 31,555	\$ 52,107	\$ -	\$ -	\$ -	\$ -

Factor 12 - As Pump Station Electric Costs	29.46%	20.93%	34.55%	5.22%	3.71%	6.13%	0.00%	0.00%	0.00%
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Station	Capacity (MGD)	Percent of Capacity	Allocation	Common To All			Retail Only						
				Base	Max Day	Max Hour	Base	Max Day	Max Hour	Meters & Services	Billing & Collection	Direct Fire	
Raw Water	160.0	59.55%	1	59.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.30%
Neutaconkanut	38.6	14.36%	3	4.98%	3.54%	5.84%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Bath Street	28.9	10.77%	3	3.74%	2.65%	4.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Aqueduct	11.5	4.29%	3	1.49%	1.06%	1.74%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Fruit Hill	4.3	1.61%	6	0.00%	0.00%	0.00%	0.56%	0.40%	0.65%	0.00%	0.00%	0.00%	0.00%
Alpine Estates	1.7	0.65%	6	0.00%	0.00%	0.00%	0.22%	0.16%	0.26%	0.00%	0.00%	0.00%	0.00%
Cranston	3.8	1.43%	6	0.00%	0.00%	0.00%	0.49%	0.35%	0.58%	0.00%	0.00%	0.00%	0.00%
Dean Estates	5.1	1.90%	6	0.00%	0.00%	0.00%	0.66%	0.47%	0.77%	0.00%	0.00%	0.00%	0.00%
Greenville	2.5	0.94%	6	0.00%	0.00%	0.00%	0.33%	0.23%	0.38%	0.00%	0.00%	0.00%	0.00%
Ashby Street	1.4	0.54%	6	0.00%	0.00%	0.00%	0.19%	0.13%	0.22%	0.00%	0.00%	0.00%	0.00%
Structure "D" PS	8.0	2.98%	3	1.03%	0.73%	1.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Waltham	2.7	0.99%	6	0.00%	0.00%	0.00%	0.34%	0.24%	0.40%	0.00%	0.00%	0.00%	0.00%
Totals	268.7	100.00%		70.49%	7.98%	13.18%	2.79%	1.98%	3.28%	0.00%	0.00%	0.00%	0.30%

Factor 18 - As Pump Station Capacity	70.49%	7.98%	13.18%	2.79%	1.98%	3.28%	0.00%	0.00%	0.30%
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Schedule HJS Settlement-13c: Pipe Length/Inch-Miles

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

Pipe Size	Length	Inch-Miles
Services	225.0	
6	446.7	2,680
8	343.6	2,749
10	1.3	13
12	97.2	1,166
16	46.9	750
20	8.2	164
24	27.0	648
30	18.6	558
36	1.9	68
42	9.2	386
48	3.2	154
60	4.4	264
66	1.6	106
78	4.4	343
90	4.5	405
102	5.2	530
	1,248.9	10,985
Totals		
	Length	Inch-Miles
Distribution (<=12 inches)	1,114	6,608
Transmission (>12 inches)	135	4,377
	1,249	10,985
	Length %	Inch-Miles %
Distribution (<=12 inches)	89.18%	60.16%
Transmission (>12 inches)	10.82%	39.84%
	100.00%	100.00%

Schedule HJS Settlement-13d: T&D Labor Allocation (Factor 13)

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

Description	Year	Total	CTA	Retail Only	Total CTA	Total Retail Only	CTA Factor	Retail Only Factor	Common To All			Retail Only								
									Base	Max Day	Max Hour	Base	Max Day	Max Hour	Meters & Services	Billing & Collection	Direct Fire			
Hydrant - Install	2017	\$ 189,318	0.00%	100.00%	\$ -	\$ 189,318	N/A	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 189,318
Hydrant - Install Custodian	2017	\$ 2,573	0.00%	100.00%	\$ -	\$ 2,573	N/A	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,573
Hydrant - Maintenance	2017	\$ 2,525	0.00%	100.00%	\$ -	\$ 2,525	N/A	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,525
Hydrant - Relocate Existing	2017	\$ 2,852	0.00%	100.00%	\$ -	\$ 2,852	N/A	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,852
Hydrant - Remove	2017	\$ 92,751	0.00%	100.00%	\$ -	\$ 92,751	N/A	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 92,751
Hydrant - Repair	2017	\$ 135,902	0.00%	100.00%	\$ -	\$ 135,902	N/A	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 135,902
Service - Curb Box - Adjust to Grade	2017	\$ 18,097	0.00%	100.00%	\$ -	\$ 18,097	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,097	\$ -	\$ -	\$ -
Service - Curb Box - Check	2017	\$ 45,865	0.00%	100.00%	\$ -	\$ 45,865	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,865	\$ -	\$ -	\$ -
Service - Curb Box - Dig Up	2017	\$ 180,976	0.00%	100.00%	\$ -	\$ 180,976	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 180,976	\$ -	\$ -	\$ -
Service - Curb Stop - Close	2017	\$ -	0.00%	100.00%	\$ -	\$ -	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Service - Curb Stop - Locate	2017	\$ 1,168	0.00%	100.00%	\$ -	\$ 1,168	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,168	\$ -	\$ -	\$ -
Service - Curb Stop - Repair	2017	\$ 12,022	0.00%	100.00%	\$ -	\$ 12,022	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,022	\$ -	\$ -	\$ -
Service - Dig Up For Meter	2017	\$ 3,995	0.00%	100.00%	\$ -	\$ 3,995	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,995	\$ -	\$ -	\$ -
Service - Install - IFR	2017	\$ 134,678	0.00%	100.00%	\$ -	\$ 134,678	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 134,678	\$ -	\$ -	\$ -
Service - Install - T&D	2017	\$ 281,647	0.00%	100.00%	\$ -	\$ 281,647	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 281,647	\$ -	\$ -	\$ -
Service - Remove	2017	\$ 153,262	0.00%	100.00%	\$ -	\$ 153,262	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 153,262	\$ -	\$ -	\$ -
Service - Repair Leak	2017	\$ 178,649	0.00%	100.00%	\$ -	\$ 178,649	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 178,649	\$ -	\$ -	\$ -
TD Misc - Miscellaneous Maint	2017	\$ 3,090	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ 138	\$ 98	\$ 162	\$ 210	\$ 149	\$ 246	\$ 1,536	\$ 0	\$ -	\$ -	\$ -	\$ 552
Valve - Adjust Gate Box	2017	\$ 30,476	39.84%	60.16%	\$ 12,143	\$ 18,333	3	6	\$ 4,212	\$ 2,991	\$ 4,940	\$ 6,359	\$ 4,516	\$ 7,458	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Valve - Check / Inspect	2017	\$ 13,317	39.84%	60.16%	\$ 5,306	\$ 8,011	3	6	\$ 1,840	\$ 1,307	\$ 2,158	\$ 2,779	\$ 1,973	\$ 3,259	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Valve - Install	2017	\$ 89,979	39.84%	60.16%	\$ 35,851	\$ 54,128	3	6	\$ 12,435	\$ 8,832	\$ 14,584	\$ 18,774	\$ 13,334	\$ 22,019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Valve - Locate	2017	\$ -	39.84%	60.16%	\$ -	\$ -	3	6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Valve - Remove	2017	\$ 53,742	39.84%	60.16%	\$ 21,413	\$ 32,329	3	6	\$ 7,427	\$ 5,275	\$ 8,711	\$ 11,213	\$ 7,964	\$ 13,152	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Valve - Repair / Repack	2017	\$ 69,879	39.84%	60.16%	\$ 27,842	\$ 42,037	3	6	\$ 9,657	\$ 6,859	\$ 11,326	\$ 14,580	\$ 10,356	\$ 17,101	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Valve - Replace Box Cover	2017	\$ 3,204	39.84%	60.16%	\$ 1,277	\$ 1,928	3	6	\$ 443	\$ 315	\$ 519	\$ 669	\$ 475	\$ 784	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Main - Install	2017	\$ 4,846	39.84%	60.16%	\$ 1,931	\$ 2,915	3	6	\$ 670	\$ 476	\$ 786	\$ 1,011	\$ 718	\$ 1,186	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Main - Remove	2017	\$ 1,129	39.84%	60.16%	\$ 450	\$ 679	3	6	\$ 156	\$ 111	\$ 183	\$ 236	\$ 167	\$ 276	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Main - Repair Leak	2017	\$ 91,906	39.84%	60.16%	\$ 36,619	\$ 55,287	3	6	\$ 12,701	\$ 9,021	\$ 14,897	\$ 19,176	\$ 13,620	\$ 22,491	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Blowoff - Inspect	2018	\$ 487	39.84%	60.16%	\$ 194	\$ 293	3	6	\$ 67	\$ 48	\$ 79	\$ 102	\$ 72	\$ 119	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Blowoff - Install	2018	\$ 7,488	39.84%	60.16%	\$ 2,984	\$ 4,505	3	6	\$ 1,035	\$ 735	\$ 1,214	\$ 1,562	\$ 1,110	\$ 1,833	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Blowoff - Locate	2018	\$ 487	39.84%	60.16%	\$ 194	\$ 293	3	6	\$ 67	\$ 48	\$ 79	\$ 102	\$ 72	\$ 119	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Blowoff - Remove	2018	\$ 2,048	39.84%	60.16%	\$ 816	\$ 1,232	3	6	\$ 283	\$ 201	\$ 332	\$ 427	\$ 303	\$ 501	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Blowoff - Repair	2018	\$ 9,260	39.84%	60.16%	\$ 3,689	\$ 5,570	3	6	\$ 1,280	\$ 909	\$ 1,501	\$ 1,932	\$ 1,372	\$ 2,266	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hydrant - Check / Inspect	2018	\$ 15,350	0.00%	100.00%	\$ -	\$ 15,350	N/A	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,350
Hydrant - Close	2018	\$ 902	0.00%	100.00%	\$ -	\$ 902	N/A	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 902
Hydrant - Flush	2018	\$ 406	0.00%	100.00%	\$ -	\$ 406	N/A	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 406
Hydrant - Install	2018	\$ 162,309	0.00%	100.00%	\$ -	\$ 162,309	N/A	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 162,309
Hydrant - Install Custodian	2018	\$ 2,301	0.00%	100.00%	\$ -	\$ 2,301	N/A	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,301
Hydrant - Maintenance	2018	\$ 1,980	0.00%	100.00%	\$ -	\$ 1,980	N/A	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,980
Hydrant - Open	2018	\$ 51	0.00%	100.00%	\$ -	\$ 51	N/A	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51
Hydrant - Relocate Existing	2018	\$ -	0.00%	100.00%	\$ -	\$ -	N/A	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hydrant - Remove	2018	\$ 63,775	0.00%	100.00%	\$ -	\$ 63,775	N/A	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 63,775
Hydrant - Repair	2018	\$ 130,599	0.00%	100.00%	\$ -	\$ 130,599	N/A	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 130,599
Hydrant - Repair/Repack Valve	2018	\$ 11,909	0.00%	100.00%	\$ -	\$ 11,909	N/A	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,909
Service - Curb Box - Adjust to Grade	2018	\$ 23,247	0.00%	100.00%	\$ -	\$ 23,247	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,247	\$ -	\$ -	\$ -
Service - Curb Box - Check	2018	\$ 46,892	0.00%	100.00%	\$ -	\$ 46,892	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 46,892	\$ -	\$ -	\$ -
Service - Curb Box - Dig Up	2018	\$ 179,792	0.00%	100.00%	\$ -	\$ 179,792	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 179,792	\$ -	\$ -	\$ -
Service - Curb Stop - Close	2018	\$ 19,119	0.00%	100.00%	\$ -	\$ 19,119	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,119	\$ -	\$ -	\$ -
Service - Curb Stop - Locate	2018	\$ 4,695	0.00%	100.00%	\$ -	\$ 4,695	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,695	\$ -	\$ -	\$ -
Service - Curb Stop - Open	2018	\$ 23,311	0.00%	100.00%	\$ -	\$ 23,311	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,311	\$ -	\$ -	\$ -
Service - Curb Stop - Repair	2018	\$ 10,965	0.00%	100.00%	\$ -	\$ 10,965	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,965	\$ -	\$ -	\$ -
Service - Curb Stop - Replace	2018	\$ 6,194	0.00%	100.00%	\$ -	\$ 6,194	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,194	\$ -	\$ -	\$ -
Service - Dig Up For Meter	2018	\$ -	0.00%	100.00%	\$ -	\$ -	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Service - Install - IFR	2018	\$ 64,995	0.00%	100.00%	\$ -	\$ 64,995	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 64,995	\$ -	\$ -	\$ -
Service - Install - T&D	2018	\$ 294,119	0.00%	100.00%	\$ -	\$ 294,119	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 294,119	\$ -	\$ -	\$ -
Service - Meter - Bypass Meter	2018	\$ 205	0.00%	100.00%	\$ -	\$ 205	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 205	\$ -	\$ -	\$ -
Service - Remove	2018	\$ 100,614	0.00%	100.00%	\$ -	\$ 100,614	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,614	\$ -	\$ -	\$ -
Service - Remove Lead - CS Apps	2018	\$ 6,492	0.00%	100.00%	\$ -	\$ 6,492	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,492	\$ -	\$ -	\$ -

Schedule HJS Settlement-13d: T&D Labor Allocation (Factor 13)

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

Description	Year	Total	CTA	Retail Only	Total CTA	Total Retail Only	CTA Factor	Retail Only Factor	Common To All			Retail Only						
									Base	Max Day	Max Hour	Base	Max Day	Max Hour	Meters & Services	Billing & Collection	Direct Fire	
Service - Remove Lead - TD	2018	\$ 25,454	0.00%	100.00%	\$ -	\$ 25,454	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,454	\$ -	\$ -
Service - Repair Leak	2018	\$ 169,990	0.00%	100.00%	\$ -	\$ 169,990	N/A	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 169,990	\$ -	\$ -
TD Misc - Miscellaneous Maint	2018	\$ 6,000	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ 268	\$ 190	\$ 314	\$ 407	\$ 289	\$ 478	\$ 2,981	\$ 0	\$ 1,072	
TD Misc - Pre-Mark for Digup	2018	\$ 335	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ 15	\$ 11	\$ 18	\$ 23	\$ 16	\$ 27	\$ 167	\$ 0	\$ 60	
TD Misc - Pre-Mark for Saw Cut	2018	\$ 1,024	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ 46	\$ 32	\$ 54	\$ 70	\$ 49	\$ 82	\$ 509	\$ 0	\$ 183	
TD Misc - Trench Repair	2018	\$ 393	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ 18	\$ 12	\$ 21	\$ 27	\$ 19	\$ 31	\$ 195	\$ 0	\$ 70	
Trench - Check For Failure	2018	\$ 100	39.84%	60.16%	\$ 40	\$ 60	3	6	\$ 14	\$ 10	\$ 16	\$ 21	\$ 15	\$ 24	\$ -	\$ -	\$ -	
Trench Restoration	2018	\$ 257,373	39.84%	60.16%	\$ 102,547	\$ 154,826	3	6	\$ 35,568	\$ 25,262	\$ 41,717	\$ 53,701	\$ 38,141	\$ 62,984	\$ -	\$ -	\$ -	
Valve - Adjust Gate Box	2018	\$ 30,505	39.84%	60.16%	\$ 12,154	\$ 18,351	3	6	\$ 4,216	\$ 2,994	\$ 4,944	\$ 6,365	\$ 4,521	\$ 7,465	\$ -	\$ -	\$ -	
Valve - Check / Inspect	2018	\$ 8,958	39.84%	60.16%	\$ 3,569	\$ 5,389	3	6	\$ 1,238	\$ 879	\$ 1,452	\$ 1,869	\$ 1,327	\$ 2,192	\$ -	\$ -	\$ -	
Valve - Install	2018	\$ 75,028	39.84%	60.16%	\$ 29,894	\$ 45,134	3	6	\$ 10,369	\$ 7,364	\$ 12,161	\$ 15,655	\$ 11,119	\$ 18,361	\$ -	\$ -	\$ -	
Valve - Locate	2018	\$ 2,206	39.84%	60.16%	\$ 879	\$ 1,327	3	6	\$ 305	\$ 217	\$ 358	\$ 460	\$ 327	\$ 540	\$ -	\$ -	\$ -	
Valve - Raise Gate Box To Grade	2018	\$ 489	39.84%	60.16%	\$ 195	\$ 294	3	6	\$ 68	\$ 48	\$ 79	\$ 102	\$ 72	\$ 120	\$ -	\$ -	\$ -	
Valve - Remove	2018	\$ 41,701	39.84%	60.16%	\$ 16,615	\$ 25,085	3	6	\$ 5,763	\$ 4,093	\$ 6,759	\$ 8,701	\$ 6,180	\$ 10,205	\$ -	\$ -	\$ -	
Valve - Repair / Repack	2018	\$ 51,060	39.84%	60.16%	\$ 20,344	\$ 30,716	3	6	\$ 7,056	\$ 5,012	\$ 8,276	\$ 10,654	\$ 7,567	\$ 12,495	\$ -	\$ -	\$ -	
Valve - Replace Box Cover	2018	\$ 1,122	39.84%	60.16%	\$ 447	\$ 675	3	6	\$ 155	\$ 110	\$ 182	\$ 234	\$ 166	\$ 275	\$ -	\$ -	\$ -	
Water Main - Install	2018	\$ 9,226	39.84%	60.16%	\$ 3,676	\$ 5,550	3	6	\$ 1,275	\$ 906	\$ 1,495	\$ 1,925	\$ 1,367	\$ 2,258	\$ -	\$ -	\$ -	
Water Main - Remove	2018	\$ 6,846	39.84%	60.16%	\$ 2,728	\$ 4,118	3	6	\$ 946	\$ 672	\$ 1,110	\$ 1,428	\$ 1,015	\$ 1,675	\$ -	\$ -	\$ -	
Water Main - Repair Leak	2018	\$ 137,742	39.84%	60.16%	\$ 54,882	\$ 82,860	3	6	\$ 19,035	\$ 13,520	\$ 22,326	\$ 28,740	\$ 20,413	\$ 33,708	\$ -	\$ -	\$ -	
DigSafe - Pre-Mark	2018	\$ -	39.84%	60.16%	\$ -	\$ -	3	6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Leak Detection	2018	\$ 642	39.84%	60.16%	\$ 256	\$ 386	3	6	\$ 89	\$ 63	\$ 104	\$ 134	\$ 95	\$ 157	\$ -	\$ -	\$ -	
Miscellaneous Work	2018	\$ -	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Report Leak	2018	\$ 3,424	39.84%	60.16%	\$ 1,364	\$ 2,060	3	6	\$ 473	\$ 336	\$ 555	\$ 714	\$ 507	\$ 838	\$ -	\$ -	\$ -	
Shut Down Not	2018	\$ 299	0.00%	100.00%	\$ -	\$ 299	n/a	8	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 299	\$ -	
TD Collect Sample	2018	\$ -	39.84%	60.16%	\$ -	\$ -	3	6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Trench - Check	2018	\$ 4,632	39.84%	60.16%	\$ 1,846	\$ 2,786	3	6	\$ 640	\$ 455	\$ 751	\$ 966	\$ 686	\$ 1,133	\$ -	\$ -	\$ -	
Water Pressure	2018	\$ 25	39.84%	60.16%	\$ 10	\$ 15	3	6	\$ 4	\$ 2	\$ 4	\$ 5	\$ 4	\$ 6	\$ -	\$ -	\$ -	
Water Quality Issue	2018	\$ 95	39.84%	60.16%	\$ 38	\$ 57	3	6	\$ 13	\$ 9	\$ 15	\$ 20	\$ 14	\$ 23	\$ -	\$ -	\$ -	
DigSafe - Blasting	2018	\$ -	39.84%	60.16%	\$ -	\$ -	3	6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
DigSafe - Emergency	2018	\$ 1,162	39.84%	60.16%	\$ 463	\$ 699	3	6	\$ 161	\$ 114	\$ 188	\$ 243	\$ 172	\$ 284	\$ -	\$ -	\$ -	
DigSafe - Freeform	2018	\$ -	39.84%	60.16%	\$ -	\$ -	3	6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
DigSafe - Regular	2018	\$ 2,849	39.84%	60.16%	\$ 1,135	\$ 1,714	3	6	\$ 394	\$ 280	\$ 462	\$ 594	\$ 422	\$ 697	\$ -	\$ -	\$ -	
DigSafe - Violation	2018	\$ -	39.84%	60.16%	\$ -	\$ -	3	6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Blowoff - Inspect	2019	\$ 79	39.84%	60.16%	\$ 31	\$ 47	3	6	\$ 11	\$ 8	\$ 13	\$ 16	\$ 12	\$ 19	\$ -	\$ -	\$ -	
Blowoff - Install	2019	\$ 15,186	39.84%	60.16%	\$ 6,051	\$ 9,135	3	6	\$ 2,099	\$ 1,491	\$ 2,461	\$ 3,168	\$ 2,250	\$ 3,716	\$ -	\$ -	\$ -	
Blowoff - Locate	2019	\$ 79	39.84%	60.16%	\$ 31	\$ 47	3	6	\$ 11	\$ 8	\$ 13	\$ 16	\$ 12	\$ 19	\$ -	\$ -	\$ -	
Blowoff - Remove	2019	\$ 6,165	39.84%	60.16%	\$ 2,456	\$ 3,708	3	6	\$ 852	\$ 605	\$ 999	\$ 1,286	\$ 914	\$ 1,509	\$ -	\$ -	\$ -	
Blowoff - Repair	2019	\$ 7,612	39.84%	60.16%	\$ 3,033	\$ 4,579	3	6	\$ 1,052	\$ 747	\$ 1,234	\$ 1,588	\$ 1,128	\$ 1,863	\$ -	\$ -	\$ -	
Hydrant - Check / Inspect	2019	\$ 18,086	0.00%	100.00%	\$ -	\$ 18,086	n/a	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,086	
Hydrant - Close	2019	\$ 3,592	0.00%	100.00%	\$ -	\$ 3,592	n/a	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,592	
Hydrant - Flush	2019	\$ 75	0.00%	100.00%	\$ -	\$ 75	n/a	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75	
Hydrant - Gate Box Adjust / Replace	2019	\$ 1,943	0.00%	100.00%	\$ -	\$ 1,943	n/a	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,943	
Hydrant - Install	2019	\$ 104,475	0.00%	100.00%	\$ -	\$ 104,475	n/a	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 104,475	
Hydrant - Install - TD	2019	\$ 18,592	0.00%	100.00%	\$ -	\$ 18,592	n/a	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,592	
Hydrant - Install Custodian	2019	\$ 1,748	0.00%	100.00%	\$ -	\$ 1,748	n/a	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,748	
Hydrant - Maintenance	2019	\$ 3,485	0.00%	100.00%	\$ -	\$ 3,485	n/a	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,485	
Hydrant - Open	2019	\$ 113	0.00%	100.00%	\$ -	\$ 113	n/a	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 113	
Hydrant - Relocate Existing	2019	\$ -	0.00%	100.00%	\$ -	\$ -	n/a	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Hydrant - Remove	2019	\$ 34,757	0.00%	100.00%	\$ -	\$ 34,757	n/a	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 34,757	
Hydrant - Remove - TD	2019	\$ 4,678	0.00%	100.00%	\$ -	\$ 4,678	n/a	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,678	
Hydrant - Repair	2019	\$ 94,220	0.00%	100.00%	\$ -	\$ 94,220	n/a	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 94,220	
Hydrant - Repair/Repack Valve	2019	\$ 10,469	0.00%	100.00%	\$ -	\$ 10,469	n/a	10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,469	
Sampling Station - Install	2019	\$ 6,817	0.00%	100.00%	\$ -	\$ 6,817	n/a	6	\$ -	\$ -	\$ -	\$ 2,365	\$ 1,679	\$ 2,773	\$ -	\$ -	\$ -	
Sampling Station - Remove	2019	\$ 1,330	0.00%	100.00%	\$ -	\$ 1,330	n/a	6	\$ -	\$ -	\$ -	\$ 461	\$ 328	\$ 541	\$ -	\$ -	\$ -	
Service - Curb Box - Adjust to Grade	2019	\$ 18,893	0.00%	100.00%	\$ -	\$ 18,893	n/a	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,893	\$ -	\$ -	
Service - Curb Box - Check	2019	\$ 37,952	0.00%	100.00%	\$ -	\$ 37,952	n/a	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 37,952	\$ -	\$ -	
Service - Curb Box - Dig Up	2019	\$ 122,415	0.00%	100.00%	\$ -	\$ 122,415	n/a	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 122,415	\$ -	\$ -	
Service - Curb Stop - Close	2019	\$ 47,417	0.00%	100.00%	\$ -	\$ 47,417	n/a	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47,417	\$ -	\$ -	

Schedule HJS Settlement-13d: T&D Labor Allocation (Factor 13)

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Description	Year	Total	CTA	Retail Only	Total CTA	Total Retail Only	CTA Factor	Retail Only Factor	Common To All			Retail Only						
									Base	Max Day	Max Hour	Base	Max Day	Max Hour	Meters & Services	Billing & Collection	Direct Fire	
Service - Curb Stop - Locate	2019	\$ 13,968	0.00%	100.00%	\$ -	\$ 13,968	n/a	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,968	\$ -	\$ -
Service - Curb Stop - Open	2019	\$ 56,932	0.00%	100.00%	\$ -	\$ 56,932	n/a	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 56,932	\$ -	\$ -
Service - Curb Stop - Repair	2019	\$ -	0.00%	100.00%	\$ -	\$ -	n/a	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Service - Curb Stop - Replace	2019	\$ -	0.00%	100.00%	\$ -	\$ -	n/a	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Service - Curb Stop - Replace / Repair	2019	\$ 25,813	0.00%	100.00%	\$ -	\$ 25,813	n/a	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,813	\$ -	\$ -
Service - Dig Up For Meter	2019	\$ -	0.00%	100.00%	\$ -	\$ -	n/a	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Service - Field Asset Measurement	2019	\$ 10,028	0.00%	100.00%	\$ -	\$ 10,028	n/a	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,028	\$ -	\$ -
Service - Install - IFR	2019	\$ -	0.00%	100.00%	\$ -	\$ -	n/a	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Service - Install - T&D	2019	\$ 473,668	0.00%	100.00%	\$ -	\$ 473,668	n/a	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 473,668	\$ -	\$ -
Service - Meter - Bypass Meter	2019	\$ 1,554	0.00%	100.00%	\$ -	\$ 1,554	n/a	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,554	\$ -	\$ -
Service - MLOG Leak Investigation	2019	\$ 276	0.00%	100.00%	\$ -	\$ 276	n/a	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 276	\$ -	\$ -
Service - Reconnect	2019	\$ 2,096	0.00%	100.00%	\$ -	\$ 2,096	n/a	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,096	\$ -	\$ -
Service - Remove	2019	\$ 42,450	0.00%	100.00%	\$ -	\$ 42,450	n/a	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 42,450	\$ -	\$ -
Service - Remove Lead - CS Apps	2019	\$ -	0.00%	100.00%	\$ -	\$ -	n/a	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Service - Remove Lead - TD	2019	\$ 116,483	0.00%	100.00%	\$ -	\$ 116,483	n/a	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 116,483	\$ -	\$ -
Service - Repair Leak	2019	\$ 136,350	0.00%	100.00%	\$ -	\$ 136,350	n/a	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 136,350	\$ -	\$ -
TD Misc - Miscellaneous Maint	2019	\$ 226	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ 10	\$ 7	\$ 12	\$ 15	\$ 11	\$ 18	\$ 113	\$ 0	\$ 40	
TD Misc - Pre-Mark for Digup	2019	\$ -	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TD Misc - Pre-Mark for Saw Cut	2019	\$ -	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TD Misc - Trench Repair	2019	\$ 17,844	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ 797	\$ 566	\$ 934	\$ 1,211	\$ 860	\$ 1,420	\$ 8,867	\$ 1	\$ 3,187	
Trench - Check For Failure	2019	\$ -	39.84%	60.16%	\$ -	\$ -	3	6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Trench Restoration	2019	\$ 747,233	39.84%	60.16%	\$ 297,726	\$ 449,507	3	6	\$ 103,265	\$ 73,345	\$ 121,116	\$ 155,910	\$ 110,736	\$ 182,861	\$ -	\$ -	\$ -	
Valve - Adjust Gate Box	2019	\$ 5,989	39.84%	60.16%	\$ 2,386	\$ 3,603	3	6	\$ 828	\$ 588	\$ 971	\$ 1,250	\$ 888	\$ 1,466	\$ -	\$ -	\$ -	
Valve - Check / Inspect	2019	\$ 5,836	39.84%	60.16%	\$ 2,325	\$ 3,510	3	6	\$ 806	\$ 573	\$ 946	\$ 1,218	\$ 865	\$ 1,428	\$ -	\$ -	\$ -	
Valve - Install	2019	\$ 17,734	39.84%	60.16%	\$ 7,066	\$ 10,668	3	6	\$ 2,451	\$ 1,741	\$ 2,874	\$ 3,700	\$ 2,628	\$ 4,340	\$ -	\$ -	\$ -	
Valve - Install - TD	2019	\$ 13,701	39.84%	60.16%	\$ 5,459	\$ 8,242	3	6	\$ 1,893	\$ 1,345	\$ 2,221	\$ 2,859	\$ 2,030	\$ 3,353	\$ -	\$ -	\$ -	
Valve - Locate	2019	\$ 741	39.84%	60.16%	\$ 295	\$ 446	3	6	\$ 102	\$ 73	\$ 120	\$ 155	\$ 110	\$ 181	\$ -	\$ -	\$ -	
Valve - Raise Gate Box To Grade	2019	\$ -	39.84%	60.16%	\$ -	\$ -	3	6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Valve - Remove	2019	\$ 6,774	39.84%	60.16%	\$ 2,699	\$ 4,075	3	6	\$ 936	\$ 665	\$ 1,098	\$ 1,413	\$ 1,004	\$ 1,658	\$ -	\$ -	\$ -	
Valve - Remove - TD	2019	\$ 755	39.84%	60.16%	\$ 301	\$ 454	3	6	\$ 104	\$ 74	\$ 122	\$ 158	\$ 112	\$ 185	\$ -	\$ -	\$ -	
Valve - Repair / Repack	2019	\$ 28,008	39.84%	60.16%	\$ 11,160	\$ 16,849	3	6	\$ 3,871	\$ 2,749	\$ 4,540	\$ 5,844	\$ 4,151	\$ 6,854	\$ -	\$ -	\$ -	
Valve - Replace Box Cover	2019	\$ 2,329	39.84%	60.16%	\$ 928	\$ 1,401	3	6	\$ 322	\$ 229	\$ 377	\$ 486	\$ 345	\$ 570	\$ -	\$ -	\$ -	
Water Main - Install	2019	\$ -	39.84%	60.16%	\$ -	\$ -	3	6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Water Main - Remove	2019	\$ -	39.84%	60.16%	\$ -	\$ -	3	6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Water Main - Repair Leak	2019	\$ 115,527	39.84%	60.16%	\$ 46,030	\$ 69,496	3	6	\$ 15,965	\$ 11,340	\$ 18,725	\$ 24,105	\$ 17,120	\$ 28,271	\$ -	\$ -	\$ -	
DigSafe - Pre-Mark	2019	\$ 398	39.84%	60.16%	\$ 158	\$ 239	3	6	\$ 55	\$ 39	\$ 64	\$ 83	\$ 59	\$ 97	\$ -	\$ -	\$ -	
Leak Detection	2019	\$ 477	39.84%	60.16%	\$ 190	\$ 287	3	6	\$ 66	\$ 47	\$ 77	\$ 100	\$ 71	\$ 117	\$ -	\$ -	\$ -	
Miscellaneous Work	2019	\$ 2,630	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ 117	\$ 83	\$ 138	\$ 178	\$ 127	\$ 209	\$ 1,307	\$ 0	\$ 470	
Report Leak	2019	\$ 9,774	39.84%	60.16%	\$ 3,895	\$ 5,880	3	6	\$ 1,351	\$ 959	\$ 1,584	\$ 2,039	\$ 1,449	\$ 2,392	\$ -	\$ -	\$ -	
Shut Down Not	2019	\$ 22	0.00%	100.00%	\$ -	\$ 22	n/a	8	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22	\$ -	
TD Collect Sample	2019	\$ 142	39.84%	60.16%	\$ 57	\$ 85	3	6	\$ 20	\$ 14	\$ 23	\$ 30	\$ 21	\$ 35	\$ -	\$ -	\$ -	
Trench - Check	2019	\$ 5,914	39.84%	60.16%	\$ 2,356	\$ 3,558	3	6	\$ 817	\$ 581	\$ 959	\$ 1,234	\$ 876	\$ 1,447	\$ -	\$ -	\$ -	
Water Pressure	2019	\$ 279	39.84%	60.16%	\$ 111	\$ 168	3	6	\$ 39	\$ 27	\$ 45	\$ 58	\$ 41	\$ 68	\$ -	\$ -	\$ -	
Water Quality Issue	2019	\$ 47	39.84%	60.16%	\$ 19	\$ 28	3	6	\$ 7	\$ 5	\$ 8	\$ 10	\$ 7	\$ 12	\$ -	\$ -	\$ -	
DigSafe - Blasting	2019	\$ -	39.84%	60.16%	\$ -	\$ -	3	6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
DigSafe - Emergency	2019	\$ 5,209	39.84%	60.16%	\$ 2,075	\$ 3,134	3	6	\$ 720	\$ 511	\$ 844	\$ 1,087	\$ 772	\$ 1,275	\$ -	\$ -	\$ -	
DigSafe - Freeform	2019	\$ 107	39.84%	60.16%	\$ 43	\$ 65	3	6	\$ 15	\$ 11	\$ 17	\$ 22	\$ 16	\$ 26	\$ -	\$ -	\$ -	
DigSafe - Regular	2019	\$ 1,128	39.84%	60.16%	\$ 449	\$ 678	3	6	\$ 156	\$ 111	\$ 183	\$ 235	\$ 167	\$ 276	\$ -	\$ -	\$ -	
DigSafe - Violation	2019	\$ -	39.84%	60.16%	\$ -	\$ -	3	6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
3-Year Total (Direct Allocations)								\$6,223,596	\$277,866	\$197,356	\$325,899	\$422,348	\$299,975	\$495,357	\$3,092,737	\$321	\$1,111,735	
Indirect Allocation %								100.00%	4.46%	3.17%	5.24%	6.79%	4.82%	7.96%	49.69%	0.01%	17.86%	
3-Year Total (All Allocations)								\$6,255,138	\$ 279,274	\$ 198,356	\$ 327,551	\$ 424,489	\$ 301,496	\$ 497,868	\$ 3,108,412	\$ 323	\$ 1,117,370	
Factor 13 - As T&D Work/Service Orders								100.00%	4.46%	3.17%	5.24%	6.79%	4.82%	7.96%	49.69%	0.01%	17.86%	

Schedule HJS Settlement-13e: T&D Contract Services Allocation (Factor 14)

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

Description	Year	Total	Common to All Share	Retail Only Share	Common to All Cost	Retail Only Cost	Common to All Factor	Retail Only Factor	Common To All			Retail Only					
									Base	Max Day	Max Hour	Base	Max Day	Max Hour	Meters & Services	Billing & Collection	Direct Fire
Uniforms	2017	\$ 25,500	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ 3,235	\$ 2,298	\$ 3,794	\$ 4,884	\$ 3,469	\$ 5,729	\$ 2,091	\$ -	\$ -
Markouts/Dig Safe	2017	\$ 31,727	39.84%	60.16%	\$ 12,641	\$ 19,086	3	6	\$ 4,385	\$ 3,114	\$ 5,143	\$ 6,620	\$ 4,702	\$ 7,764	\$ -	\$ -	\$ -
Switchboard Monitoring	2017	\$ 2,929	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ 372	\$ 264	\$ 436	\$ 561	\$ 399	\$ 658	\$ 240	\$ -	\$ -
Service Repair	2017	\$ 93,580	0.00%	100.00%	\$ -	\$ 93,580	n/a	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 93,580	\$ -	\$ -
Police Details	2017	\$ 174,132	39.84%	60.16%	\$ 69,381	\$ 104,751	3	6	\$ 24,064	\$ 17,092	\$ 28,224	\$ 36,333	\$ 25,805	\$ 42,613	\$ -	\$ -	\$ -
T&D Contractor	2017	\$ 47,871	39.84%	60.16%	\$ 19,074	\$ 28,797	3	6	\$ 6,616	\$ 4,699	\$ 7,759	\$ 9,988	\$ 7,094	\$ 11,715	\$ -	\$ -	\$ -
Repair Leak on Service	2017	\$ 47,130	0.00%	100.00%	\$ -	\$ 47,130	n/a	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47,130	\$ -	\$ -
Road Restoration - Contractor	2017	\$ 590,536	39.84%	60.16%	\$ 235,292	\$ 355,244	3	6	\$ 81,610	\$ 57,964	\$ 95,718	\$ 123,215	\$ 87,514	\$ 144,515	\$ -	\$ -	\$ -
Telephone	2017	\$ 8,719	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ 1,106	\$ 786	\$ 1,297	\$ 1,670	\$ 1,186	\$ 1,959	\$ 715	\$ -	\$ -
Uniforms	2018	\$ 7,100	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ 901	\$ 640	\$ 1,056	\$ 1,360	\$ 966	\$ 1,595	\$ 582	\$ -	\$ -
Markouts/Dig Safe	2018	\$ 32,903	39.84%	60.16%	\$ 13,110	\$ 19,793	3	6	\$ 4,547	\$ 3,230	\$ 5,333	\$ 6,865	\$ 4,876	\$ 8,052	\$ -	\$ -	\$ -
Switchboard Monitoring	2018	\$ 3,373	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ 428	\$ 304	\$ 502	\$ 646	\$ 459	\$ 758	\$ 277	\$ -	\$ -
Police Details	2018	\$ 124,242	39.84%	60.16%	\$ 49,503	\$ 74,739	3	6	\$ 17,170	\$ 12,195	\$ 20,138	\$ 25,923	\$ 18,412	\$ 30,404	\$ -	\$ -	\$ -
T&D Contractor	2018	\$ 143,850	39.84%	60.16%	\$ 57,315	\$ 86,535	3	6	\$ 19,880	\$ 14,120	\$ 23,316	\$ 30,014	\$ 21,318	\$ 35,203	\$ -	\$ -	\$ -
Repair Leak on Service	2018	\$ 44,813	0.00%	100.00%	\$ -	\$ 44,813	n/a	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 44,813	\$ -	\$ -
Road Restoration - Contractor	2018	\$ 538,228	39.84%	60.16%	\$ 214,451	\$ 323,778	3	6	\$ 74,381	\$ 52,830	\$ 87,239	\$ 112,301	\$ 79,763	\$ 131,714	\$ -	\$ -	\$ -
Telephone	2018	\$ 10,860	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ 1,378	\$ 979	\$ 1,616	\$ 2,080	\$ 1,477	\$ 2,440	\$ 890	\$ -	\$ -
Markouts/Dig Safe	2019	\$ 31,113	39.84%	60.16%	\$ 12,396	\$ 18,716	3	6	\$ 4,300	\$ 3,054	\$ 5,043	\$ 6,492	\$ 4,611	\$ 7,614	\$ -	\$ -	\$ -
Switchboard Monitoring	2019	\$ 3,000	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ 381	\$ 270	\$ 446	\$ 575	\$ 408	\$ 674	\$ 246	\$ -	\$ -
Police Details	2019	\$ 150,299	39.84%	60.16%	\$ 59,885	\$ 90,414	3	6	\$ 20,771	\$ 14,753	\$ 24,361	\$ 31,360	\$ 22,273	\$ 36,781	\$ -	\$ -	\$ -
T&D Contractor	2019	\$ 120,574	39.84%	60.16%	\$ 48,041	\$ 72,533	3	6	\$ 16,663	\$ 11,835	\$ 19,543	\$ 25,158	\$ 17,868	\$ 29,507	\$ -	\$ -	\$ -
Repair Leak on Service	2019	\$ 47,278	0.00%	100.00%	\$ -	\$ 47,278	n/a	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47,278	\$ -	\$ -
Road Restoration - Contractor	2019	\$ 620,956	39.84%	60.16%	\$ 247,412	\$ 373,543	3	6	\$ 85,814	\$ 60,950	\$ 100,648	\$ 129,562	\$ 92,022	\$ 151,959	\$ -	\$ -	\$ -
Misc. Expenses	2019	\$ 9,767	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ 1,239	\$ 880	\$ 1,453	\$ 1,871	\$ 1,329	\$ 2,194	\$ 801	\$ -	\$ -
3-Year Total (Direct Allocations)								\$2,839,230	\$360,200	\$255,834	\$422,466	\$543,831	\$386,259	\$637,840	\$232,800	\$0	\$0
Indirect Allocation %								100.00%	12.69%	9.01%	14.88%	19.15%	13.60%	22.47%	8.20%	0.00%	0.00%
3-Year Total								\$2,910,479	\$ 369,239	\$ 262,254	\$ 433,068	\$ 557,478	\$ 395,952	\$ 653,846	\$ 238,642	\$ -	\$ -
Factor 14 - As T&D Contract Services								100.00%	12.69%	9.01%	14.88%	19.15%	13.60%	22.47%	8.20%	0.00%	0.00%

Schedule HJS Settlement-13f: Net Plant In Service (Factors 19, 20 and 21)

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

Allocation Factor	Plant in Service	Accumulated Depreciation	Net Book Value	Common To All			Retail Only							
				Base	Max Day	Max Hour	Base	Max Day	Max Hour	Meters & Services	Billing & Collection	Direct Fire		
Source of Supply & Pumping														
Land and Land Rights	1	\$ 38,927,814	\$ -	\$ 38,927,814	\$ 38,733,175	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 194,639
Structures and Improvements	1	22,401,415	16,642,333	5,759,082	5,730,287	-	-	-	-	-	-	-	-	28,795
Collecting & Impounding Reservoirs	1	13,373,233	8,994,270	4,378,962	4,357,068	-	-	-	-	-	-	-	-	21,895
Land & Impounding Reservoirs	1	4,306,409	0	4,306,409	4,284,877	-	-	-	-	-	-	-	-	21,532
Supply Mains	1	22,350,197	6,939,341	15,410,856	15,333,801	-	-	-	-	-	-	-	-	77,054
Other Power Production Equipment	1	459,318	408,911	50,407	50,154	-	-	-	-	-	-	-	-	252
Electric Pumping Equipment	18	1,709,401	1,395,416	313,985	221,315	25,061	41,383	8,772	6,230	10,288	-	-	-	935
Hydraulic Pumping Equipment	18	107,721	62,678	45,043	31,749	3,595	5,937	1,258	894	1,476	-	-	-	134
Other Plant & Miscellaneous Equipm	18	1,150,739	1,150,739	-	-	-	-	-	-	-	-	-	-	-
Total Source of Supply & Pumping Plant		\$ 104,786,247	\$ 35,593,689	\$ 69,192,558	\$ 68,742,426	\$ 28,656	\$ 47,320	\$ 10,030	\$ 7,124	\$ 11,764	\$ -	\$ -	\$ -	\$ 345,237
Water Treatment Plant														
Land and Land Rights	2	\$ 29,994	\$ -	\$ 29,994	\$ 17,538	\$ 12,456	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures and Improvements	2	64,787,943	54,483,966	10,303,977	6,024,816	4,279,161	-	-	-	-	-	-	-	-
Water Treatment Equipment	2	13,736,209	13,116,332	619,878	362,447	257,430	-	-	-	-	-	-	-	-
Other Plant & Miscellaneous Equipm	2	27,674,487	20,360,815	7,313,672	4,276,361	3,037,311	-	-	-	-	-	-	-	-
Total Water Treatment Plant		\$ 106,228,633	\$ 87,961,113	\$ 18,267,521	\$ 10,681,162	\$ 7,586,359	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission & Distribution Plant														
Land and Land Rights	19	\$ 614,902	\$ -	\$ 614,902	\$ 140,558	\$ 99,832	\$ 8,821	\$ 119,149	\$ 84,626	\$ 139,746	\$ -	\$ -	\$ -	\$ 22,169
Structures and Improvements	19	204,660	204,660	-	-	-	-	-	-	-	-	-	-	-
Distribution Reservoirs & Standpipes	3	18,722,912	12,104,381	6,618,531	2,295,613	1,630,473	2,692,444	-	-	-	-	-	-	-
Transmission Mains ⁽¹⁾	2	82,274,598	12,825,029	69,449,569	40,607,704	28,841,865	-	-	-	-	-	-	-	-
Distribution Mains ⁽¹⁾	6	124,218,289	19,363,244	104,855,046	-	-	-	36,368,591	25,831,009	42,655,446	-	-	-	-
T&D Services	7	73,240,742	19,756,961	53,483,781	-	-	-	-	-	-	53,483,781	-	-	-
Meters & Meter Installation	7	31,296,939	24,361,180	6,935,760	-	-	-	-	-	-	6,935,760	-	-	-
Hydrants	10	11,546,412	4,779,609	6,766,803	-	-	-	-	-	-	-	-	-	6,766,803
Other Plant & Miscellaneous Equipm	2	7,834,658	7,834,658	-	-	-	-	-	-	-	-	-	-	-
Total Transmission & Distribution Plant		\$ 349,954,113	\$ 101,229,721	\$ 248,724,392	\$ 43,043,876	\$ 30,572,170	\$ 2,701,265	\$ 36,487,740	\$ 25,915,636	\$ 42,795,192	\$ 60,419,541	\$ -	\$ -	\$ 6,788,972
General Plant														
Land and Land Rights	20	\$ 23,380	\$ -	\$ 23,380	\$ 8,517	\$ 2,656	\$ 191	\$ 2,538	\$ 1,803	\$ 2,977	\$ 4,202	\$ -	\$ -	\$ 496
Structures and Improvements ⁽²⁾	20	5,690,927	5,648,798	42,129	15,347	4,785	344	4,574	3,249	5,364	7,571	-	-	894
Central Operations Facility	22	29,637,233	995,351	28,641,882	5,314,318	1,901,651	1,320,428	3,567,688	1,915,927	3,163,822	7,787,180	2,049,251	1,621,618	-
Office Furniture & Equipment	20	620,787	595,641	25,146	9,161	2,856	206	2,730	1,939	3,202	4,519	-	-	534
Transportation Equipment	20	8,897,148	7,866,240	1,030,909	375,546	117,101	8,429	111,920	79,492	131,267	185,276	-	-	21,877
Computer Equipment	20	11,690,744	4,739,235	6,951,508	2,532,341	789,622	56,834	754,688	536,022	885,148	1,249,335	-	-	147,519
Tools, Shop & Garage Equipment	20	846,649	657,232	189,417	69,002	21,516	1,549	20,564	14,606	24,119	34,042	-	-	4,020
Laboratory Equipment	1	198,137	196,548	1,589	1,581	-	-	-	-	-	-	-	-	8
Power Operated Equipment	20	497,025	384,436	112,589	41,015	12,789	921	12,223	8,682	14,336	20,235	-	-	2,389
Communication Equipment	20	1,138,195	1,133,547	4,648	1,693	528	38	505	358	592	835	-	-	99
Miscellaneous Equipment	20	697,209	696,132	1,077	392	122	9	117	83	137	193	-	-	23
Other Tangible Plant	20	117,627	80,638	36,989	13,475	4,202	302	4,016	2,852	4,710	6,648	-	-	785
Total General Plant		\$ 60,055,059	\$ 22,993,797	\$ 37,061,262	\$ 8,382,387	\$ 2,857,828	\$ 1,389,250	\$ 4,481,563	\$ 2,565,012	\$ 4,235,674	\$ 9,300,037	\$ 2,049,251	\$ 1,800,261	
Total Plant		\$ 621,024,052	\$ 247,778,320	\$ 373,245,732	\$ 130,849,850	\$ 41,045,013	\$ 4,137,836	\$ 40,979,333	\$ 28,487,772	\$ 47,042,630	\$ 69,719,578	\$ 2,049,251	\$ 8,934,470	
Construction Work in Progress	20			\$ 53,315,917	\$ 19,422,269	\$ 6,056,154	\$ 435,902	\$ 5,788,227	\$ 4,111,123	\$ 6,788,809	\$ 9,582,011	\$ -	\$ -	\$ 1,131,423
Total Plant Investment		\$ 621,024,052.23	\$ 247,778,320.11	\$ 426,561,649	\$ 150,272,119	\$ 47,101,166	\$ 4,573,737	\$ 46,767,561	\$ 32,598,895	\$ 53,831,439	\$ 79,301,589	\$ 2,049,251	#####	
(1) Split based on Inch-Miles				T&D Plant Excl. M&S, Land, Structures	\$ 187,689,949.04	\$ 42,903,318	\$ 30,472,338	\$ 2,692,444	\$ 36,368,591	\$ 25,831,009	\$ 42,655,446	\$ -	\$ -	\$ 6,766,803
39.84%				Factor 19 - As T&D Plant Excl. M&S, Land, Structures	100.00%	22.86%	16.24%	1.43%	19.38%	13.76%	22.73%	0.00%	0.00%	3.61%
160.16%				Total Plant Excl. General Plant	\$ 336,184,470	\$ 122,467,464	\$ 38,187,185	\$ 2,748,585	\$ 36,497,770	\$ 25,922,760	\$ 42,806,956	\$ 60,419,541	\$ -	\$ 7,134,209
				Factor 20 - As Total Plant Excl. General Plant	100.00%	36.43%	11.36%	0.82%	10.86%	7.71%	12.73%	17.97%	0.00%	2.12%
(2) Net of Central Operations Facility				Total Plant Excl. Land, COF	\$ 305,007,760	\$ 86,635,744	\$ 39,028,418	\$ 2,808,396	\$ 37,289,958	\$ 26,485,416	\$ 43,736,085	\$ 61,928,196	\$ -	\$ 7,095,547
				Factor 21 - As Total Plant Excl. Land, COF	100.00%	28.40%	12.80%	0.92%	12.23%	8.68%	14.34%	20.30%	0.00%	2.33%
				Total Plant Excl. Land	\$ 333,649,642	\$ 91,950,062	\$ 40,930,069	\$ 4,128,824	\$ 40,857,646	\$ 28,401,343	\$ 46,899,907	\$ 69,715,376	\$ 2,049,251	\$ 8,717,165
				Factor 27 - As Total Plant Excl. Land	100.00%	27.56%	12.27%	1.24%	12.25%	8.51%	14.06%	20.89%	0.61%	2.61%

Schedule HJS Settlement-13g: Central Operations Facility Square Footage for Allocation of COF Net Plant In Service (Factor 22)

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

Description	Total Square Feet	Common to All Share	Retail Only Share	Common to All Sq. Feet	Retail Only Sq. Feet	Common to All Factor	Retail Only Factor	Common To All			Retail Only						
								Base	Max Day	Max Hour	Base	Max Day	Max Hour	Meters & Services	Billing & Collection	Direct Fire	
1ST FLOOR / COMMON SPACE / Area 516 SF	516	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	96	34	24	64	35	57	140	37	29	
1ST FLOOR / COMMON SPACE / Area 731 SF	731	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	136	49	34	91	49	81	199	52	41	
1ST FLOOR / COMMON SPACE / Area 1637 SF	1,637	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	304	109	75	204	110	181	445	117	93	
1ST FLOOR / COMMON SPACE / Area 10280 SF	10,280	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	1,907	683	474	1,280	688	1,136	2,795	736	582	
1ST FLOOR / MUSEUM / Area 1632 SF	1,632	0.00%	100.00%	0	1,632	N/A	4	-	-	-	1,624	-	-	-	-	8	
1ST FLOOR / AUTOMOTIVE / Area 7680 SF	7,680	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	1,425	510	354	957	514	848	2,088	549	435	
1ST FLOOR / BOARD ROOM / Area 1041 SF	1,041	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	193	69	48	130	70	115	283	74	59	
1ST FLOOR / COMMERCIAL SERVICES / Area 9989 SF	9,989	0.00%	100.00%	0	9,989	N/A	9	2,342	-	-	-	-	-	3,823	3,823	-	
1ST FLOOR / ENGINEERING / Area 16804 SF	16,804	100.00%	100.00%	16,804	16,804	21	21	4,773	2,150	155	2,054	1,459	2,410	3,412	-	391	
1ST FLOOR / FINANCE / Area 7232 SF	7,232	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	1,342	480	333	901	484	799	1,966	517	409	
1ST FLOOR / IT/ Area 6771 SF	6,771	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	1,256	450	312	843	453	748	1,841	484	383	
1ST FLOOR / SECURITY / Area 5731 SF	5,731	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	1,063	381	264	714	383	633	1,558	410	324	
1ST FLOOR / T&D / Area 14683 SF	14,683	100.00%	100.00%	14,683	14,683	13	13	656	466	769	996	708	1,169	7,297	1	2,623	
1ST FLOOR / CENTRAL RECORDS / Area 5731 SF	5,731	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	1,063	381	264	714	383	633	1,558	410	324	
1ST FLOOR / PARKING GARAGE / Area 43924 SF	43,924	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	8,150	2,916	2,025	5,471	2,938	4,852	11,942	3,143	2,487	
1ST FLOOR / WAREHOUSE & STORAGE/ Area 1177 SF	1,177	39.84%	60.16%	469	708	3	6	163	116	191	246	174	288	-	-	-	
1ST FLOOR / WAREHOUSE & STORAGE / Area 2777 SF	2,777	39.84%	60.16%	1,106	1,671	3	6	384	273	450	579	412	680	-	-	-	
1ST FLOOR / WAREHOUSE & STORAGE / Area 5550 SF	5,550	39.84%	60.16%	2,211	3,339	3	6	767	545	900	1,158	822	1,358	-	-	-	
2ND FLOOR - AREA 'H' COMMON SPACE / Area 772 SF	772	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	143	51	36	96	52	85	210	55	44	
2ND FLOOR - AREA 'H' COMMON SPACE / Area 3019 SF	3,019	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	560	200	139	376	202	333	821	216	171	
2ND FLOOR - AREA 'H' COMMON SPACE / Area 3946 SF	3,946	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	732	262	182	492	264	436	1,073	282	223	
2ND FLOOR - AREA 'H' DINING/CAFETERIA / Area 4575 SF	4,575	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	849	304	211	570	306	505	1,244	327	259	
2ND FLOOR - AREA 'H' FUTURE SPACE / Area 237 SF	237	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	44	16	11	30	16	26	64	17	13	
2ND FLOOR - AREA 'H' FUTURE SPACE / Area 540 SF	540	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	100	36	25	67	36	60	147	39	31	
2ND FLOOR - AREA 'H' FUTURE SPACE / Area 981 SF	981	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	182	65	45	122	66	108	267	70	56	
2ND FLOOR - GM/EXUCTIVE MANAGEMENT / Area 2491 SF	2,491	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	462	165	115	310	167	275	677	178	141	
2ND FLOOR - HUMAN RESOURCES (1)/ Area 1169 SF	1,169	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	217	78	54	146	78	129	318	84	66	
2ND FLOOR - HUMAN RESOURCES (2) / Area 2632 SF	2,632	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	488	175	121	328	176	291	716	188	149	
2ND FLOOR - LABORATORY /Area 837 SF	837	100.00%	100.00%	837	837	1	1	833	-	-	-	-	-	-	-	4	
Total (Direct Allocations)								53,449	9,917	3,549	2,464	6,658	3,575	5,904	14,532	3,824	3,026
Indirect Allocation %								100.00%	18.55%	6.64%	4.61%	12.46%	6.69%	11.05%	27.19%	7.15%	5.66%
Total (Direct Allocations)								165,085	30,630	10,961	7,611	20,563	11,043	18,236	44,883	11,811	9,347
Factor 22 - As Central Operations Facility Square Footage								100.00%	18.55%	6.64%	4.61%	12.46%	6.69%	11.05%	27.19%	7.15%	5.66%

Schedule HJS Settlement-14a: Allocation of Rate Year FY 2021 Revenue Requirement

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

Account	Description	Allocation Factor	Pro-Forma Rate Year	Common To All			Retail Only						
				Base	Max Day	Max Hour	Base	Max Day	Max Hour	Meters & Services	Billing & Collection	Direct Fire	
Operation and Maintenance													
Source of Supply													
60110	Salary + Wages -SOSO	1	\$ 849,865	\$ 845,616	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,249
60120	Salary + Wages -SOSM	1	\$ 569,690	\$ 566,842	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,848
60210	Payroll Clearing -SOSO	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
60220	Payroll Clearing -SOSM	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
60410	Employee Pension +Ben -SOSO	1	\$ 536,920	\$ 534,236	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,685
60420	Employee Pension + Ben -SOSM	1	\$ 335,108	\$ 333,432	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,676
60560	Overhead Rate Applied -SOSM	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
61010	Purchased Power	1	\$ 900	\$ 896	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5
62010	Material and Supplies -SOSO	1	\$ 5,866	\$ 5,837	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 29
62020	Material and Supplies - SOSM	1	\$ 18,893	\$ 18,798	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 94
63110	Contractual Service -Eng-SOSO	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
63120	Contractual Service-Eng-SOSM	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
63610	Contractual Service Other-SOSO	1	\$ 13,827	\$ 13,758	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 69
63620	Contractual Service Other-SOSM	1	\$ 12,278	\$ 12,217	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 61
64210	Rental of Equipment-SOSO	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
64220	Rental of Equipment-SOSM	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
65010	Transportation Expense-SOSO	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
65020	Transportation Expense-SOSM	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Source of Supply Expense			\$ 2,343,349	\$ 2,331,632	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,717
			<i>Check</i>	\$ -									
Pumping Expenses													
61523	Fuel or Power Purchase -PPO	12	\$ 526,642	\$ 155,159	\$ 110,203	\$ 181,981	\$ 27,505	\$ 19,535	\$ 32,259	\$ -	\$ -	\$ -	\$ -
63523	Contractual Service Other-PPO	12	\$ 13,816	\$ 4,070	\$ 2,891	\$ 4,774	\$ 722	\$ 512	\$ 846	\$ -	\$ -	\$ -	\$ -
Total Pumping Expenses			\$ 540,458	\$ 159,229	\$ 113,094	\$ 186,755	\$ 28,226	\$ 20,048	\$ 33,106	\$ -	\$ -	\$ -	\$ -

Schedule HJS Settlement-14a: Allocation of Rate Year FY 2021 Revenue Requirement

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

Account	Description	Allocation Factor	Pro-Forma Rate Year	Common To All			Retail Only						
				Base	Max Day	Max Hour	Base	Max Day	Max Hour	Meters & Services	Billing & Collection	Direct Fire	
Water Treatment Expenses													
60130	Salary + Wages -WTO	1	\$ 2,565,589	\$ 2,552,761	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,828
60140	Salary + Wages - WTM	1	\$ 294,123	\$ 292,653	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,471
60430	Employee Pension+Benefit-WTO	1	\$ 1,501,816	\$ 1,494,307	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,509
60440	Employee Pension+Benefit-WTM	1	\$ 248,927	\$ 247,683	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,245
61530	Purchased Power-WTO	2	\$ 153,823	\$ 89,941	\$ 63,881	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
61540	Power Purchased -WTM	2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
61630	Fuel for Purchased Power-WTO	2	\$ 200,347	\$ 117,145	\$ 83,203	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
62030	Material and Supplies -WTO	2	\$ 217,299	\$ 127,057	\$ 90,243	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
62040	Material and Supplies -WTM	2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
63130	Contractual Service Eng-WTO	2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
63140	Contractual Service Eng-WTM	2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
63630	Contractual Service Other-WTO	2	\$ 341,400	\$ 199,619	\$ 141,781	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
63640	Contractual Service Other-WTM	2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
64230	Rental of Equipment -WTO	2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
64240	Rental of Equipment -WTM	2	\$ 3,799	\$ 2,221	\$ 1,577	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
65030	Transportation Expense-WTO	2	\$ 1,333	\$ 779	\$ 554	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
67530	Miscellaneous Expenses-WTO	2	\$ 204,372	\$ 119,498	\$ 84,874	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
67540	Miscellaneous Expenses - WTM	2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Treatment Expense			\$ 5,732,828	\$ 5,243,663	\$ 466,113	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,052
			<i>Check</i> \$ -										
Transmission + Dist. Expense:													
60150	Salary + Wages -T&DO	13	\$ 569,858	\$ 25,443	\$ 18,071	\$ 29,841	\$ 38,672	\$ 27,467	\$ 45,357	\$ 283,184	\$ 29	\$ 101,795	
60160	Salary + Wages -T&DM	13	\$ 3,074,530	\$ 137,269	\$ 97,496	\$ 160,998	\$ 208,645	\$ 148,191	\$ 244,712	\$ 1,527,849	\$ 159	\$ 549,210	
60250	Payroll Clearing-T&DO	13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
60260	Payroll Clearing -T&DM	13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
60450	Employee Pension+Benefit-T&DO	13	\$ 404,349	\$ 18,053	\$ 12,822	\$ 21,174	\$ 27,440	\$ 19,489	\$ 32,183	\$ 200,936	\$ 21	\$ 72,230	
60460	Employee Pension+Benefit-T&DM	13	\$ 2,034,721	\$ 90,845	\$ 64,523	\$ 106,548	\$ 138,081	\$ 98,073	\$ 161,950	\$ 1,011,129	\$ 105	\$ 363,467	
60550	Overhead Rate Applied-T&DO	13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
60560	Overhead Rate Applied -T&DM	13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
61550	Power Purchased-T&DO	13	\$ 11,939	\$ 533	\$ 379	\$ 625	\$ 810	\$ 575	\$ 950	\$ 5,933	\$ 1	\$ 2,133	
62050	Material and Supplies -T&DO	13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
62060	Material and Supplies-T&DM	13	\$ 427,364	\$ 19,081	\$ 13,552	\$ 22,379	\$ 29,002	\$ 20,599	\$ 34,015	\$ 212,373	\$ 22	\$ 76,341	
63150	Contractual Services Eng-T&DO	14	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
63160	Contractual Services Eng-T&DM	14	\$ 47,278	\$ 5,998	\$ 4,260	\$ 7,035	\$ 9,056	\$ 6,432	\$ 10,621	\$ 3,876	\$ -	\$ -	
63650	Contractual Service Other-T&DO	14	\$ 22,598	\$ 2,867	\$ 2,036	\$ 3,362	\$ 4,328	\$ 3,074	\$ 5,077	\$ 1,853	\$ -	\$ -	
63660	Contractual Service Other-T&DM	14	\$ 998,139	\$ 126,629	\$ 89,939	\$ 148,519	\$ 191,185	\$ 135,790	\$ 224,234	\$ 81,842	\$ -	\$ -	
65060	Transportation Expense -T&DM	13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
67550	Miscellaneous Exp -T&DO	13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
67560	Miscellaneous Exp-T&DM	13	\$ 44,079	\$ 1,968	\$ 1,398	\$ 2,308	\$ 2,991	\$ 2,125	\$ 3,508	\$ 21,904	\$ 2	\$ 7,874	
Total Transmission & Distribution			\$ 7,634,854	\$ 428,685	\$ 304,476	\$ 502,789	\$ 650,210	\$ 461,816	\$ 762,609	\$ 3,350,879	\$ 339	\$ 1,173,050	

Schedule HJS Settlement-14a: Allocation of Rate Year FY 2021 Revenue Requirement

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

Account	Description	Allocation Factor	Pro-Forma Rate Year	Common To All			Retail Only							
				Base	Max Day	Max Hour	Base	Max Day	Max Hour	Meters & Services	Billing & Collection	Direct Fire		
Customer Accounts Expense:														
60170	Salary+Wages-CAO	8	\$ 2,140,553	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
60270	Payroll Clearing -CAO	8	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
60470	Employee Pension+Benefit-CAO	8	\$ 1,568,588	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,568,588	\$ -
60570	Overhead Rate Applied-CAO	8	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
62070	Material and Supplies-CAO	8	\$ 4,043	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,043	\$ -
63670	Contractual Services Other -CAO	8	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
65070	Transportation Expenses -CAO	8	\$ 3,002	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,002
67070	Bad Debt Expense	26	\$ 207,146	\$ -	\$ -	\$ -	\$ 26,651	\$ 18,909	\$ 31,225	\$ 68,812	\$ 46,445	\$ 15,103	\$ -	\$ -
67570	Miscellaneous Expenses-CAO	8	\$ 640,886	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 640,886	\$ -
Total Customer Accounts			\$ 4,564,217	\$ -	\$ -	\$ -	\$ 26,651	\$ 18,909	\$ 31,225	\$ 68,812	\$ 44,035,517	\$ 15,103	\$ -	\$ -
			<i>Check</i>	\$ -										
Administrative and General														
60180	Salary+Wages -A&GO	15	\$ 6,186,714	\$ 2,645,628	\$ 71,490	\$ 118,053	\$ 152,990	\$ 108,662	\$ 179,436	\$ 1,120,302	\$ 1,374,653	\$ 415,500	\$ -	\$ -
60280	Payroll Clearing -A&GO	15	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
60480	Employee Pension+Ben-A&GO	15	\$ 4,541,580	\$ 1,942,119	\$ 52,479	\$ 86,661	\$ 112,308	\$ 79,767	\$ 131,722	\$ 822,398	\$ 1,009,114	\$ 305,013	\$ -	\$ -
60580	Overhead Rate Applied-A&GO	15	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
61580	Purchased Power-A&GO	16	\$ 207,461	\$ 51,553	\$ 34,775	\$ 18,676	\$ 14,712	\$ 10,449	\$ 17,254	\$ 19,965	\$ 34,957	\$ 5,120	\$ -	\$ -
61680	Fuel Or Power Purchased-A&GO	16	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
62080	Material and Supplies -A&GO	16	\$ 716,310	\$ 178,001	\$ 120,067	\$ 64,483	\$ 50,798	\$ 36,076	\$ 59,573	\$ 68,935	\$ 120,698	\$ 17,679	\$ -	\$ -
63180	Contractual Service Eng-A&GO	16	\$ 135,951	\$ 33,783	\$ 22,788	\$ 12,238	\$ 9,641	\$ 6,847	\$ 11,307	\$ 13,083	\$ 22,908	\$ 3,355	\$ -	\$ -
63280	Contractual Service Acctg-A&GO	16	\$ 51,615	\$ 12,826	\$ 8,652	\$ 4,646	\$ 3,660	\$ 2,599	\$ 4,293	\$ 4,967	\$ 8,697	\$ 1,274	\$ -	\$ -
63380	Contractual Service Legal-A&GO	16	\$ 73,963	\$ 18,380	\$ 12,398	\$ 6,658	\$ 5,245	\$ 3,725	\$ 6,151	\$ 7,118	\$ 12,463	\$ 1,825	\$ -	\$ -
63480	Contractual Service Mgmt fees-A&GO	16	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
63680	Contractual Service Other-A&GO	16	\$ 2,196,510	\$ 545,825	\$ 368,177	\$ 197,732	\$ 155,768	\$ 110,624	\$ 182,677	\$ 211,383	\$ 370,112	\$ 54,211	\$ -	\$ -
64280	Rental of Equipment-A&GO	16	\$ 2,686	\$ 668	\$ 450	\$ 242	\$ 190	\$ 135	\$ 223	\$ 259	\$ 453	\$ 66	\$ -	\$ -
65080	Transportation Expenses-A&GO	16	\$ 10,944	\$ 2,720	\$ 1,834	\$ 985	\$ 776	\$ 551	\$ 910	\$ 1,053	\$ 1,844	\$ 270	\$ -	\$ -
66780	Regulatory Commission Expense	16	\$ 535,550	\$ 133,082	\$ 89,769	\$ 48,211	\$ 37,979	\$ 26,972	\$ 44,540	\$ 51,539	\$ 90,240	\$ 13,218	\$ -	\$ -
67580	Miscellaneous Expenses- A&GO	16	\$ 595,362	\$ 147,946	\$ 99,794	\$ 53,595	\$ 42,221	\$ 29,985	\$ 49,514	\$ 57,295	\$ 100,319	\$ 14,694	\$ -	\$ -
Total Administration + General			\$ 15,254,647	\$ 5,712,530	\$ 882,673	\$ 612,181	\$ 586,289	\$ 416,393	\$ 687,601	\$ 2,378,297	\$ 3,146,458	\$ 832,225	\$ -	\$ -

Schedule HJS Settlement-14a: Allocation of Rate Year FY 2021 Revenue Requirement

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

Account	Description	Allocation Factor	Pro-Forma Rate Year	Common To All			Retail Only					
				Base	Max Day	Max Hour	Base	Max Day	Max Hour	Meters & Services	Billing & Collection	Direct Fire
Insurance Fund (857)												
62080	Material and Supplies -A&GO	16	\$ 16,500	\$ 4,100	\$ 2,766	\$ 1,485	\$ 1,170	\$ 831	\$ 1,372	\$ 1,588	\$ 2,780	\$ 407
62080	Injuries and Damages	15	\$ 224,654	\$ 96,069	\$ 2,596	\$ 4,287	\$ 5,555	\$ 3,946	\$ 6,516	\$ 40,681	\$ 49,917	\$ 15,088
63680	Contract Services - Other A&GO	16	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
65780	Ins. Gen. Liability	16	\$ 1,151,934	\$ 286,252	\$ 193,086	\$ 103,698	\$ 81,691	\$ 58,016	\$ 95,803	\$ 110,857	\$ 194,101	\$ 28,430
65880	Insurance - W/C	15	\$ 785,125	\$ 335,743	\$ 9,072	\$ 14,981	\$ 19,415	\$ 13,790	\$ 22,771	\$ 142,172	\$ 174,450	\$ 52,729
67580	Misc. Expense	16	\$ 205,000	\$ 50,942	\$ 34,362	\$ 18,454	\$ 14,538	\$ 10,325	\$ 17,049	\$ 19,728	\$ 34,543	\$ 5,059
	Funding Adjustment	23	\$ (332,156)	\$ (107,750)	\$ (33,712)	\$ (19,917)	\$ (17,055)	\$ (12,112)	\$ (20,002)	\$ (43,906)	\$ (63,525)	\$ (14,176)
	Total Insurance Fund		\$ 2,051,057	\$ 665,356	\$ 208,170	\$ 122,989	\$ 105,314	\$ 74,794	\$ 123,510	\$ 271,120	\$ 392,266	\$ 87,538
		Check	\$ -									
Chemical and Sludge Maintenance Fund (878)												
61830	Chemicals - WTO	1	\$ 2,217,123	\$ 2,206,037	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,086
63130	Contract Services - Eng WTM	2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
63640	Contract Services - Other WTM	2	\$ 1,608,918	\$ 940,747	\$ 668,171	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
67540	Miscellaneous Expenses - WTM	2	\$ 80,000	\$ 46,777	\$ 33,223	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Funding Adjustment	24	\$ (306,041)	\$ (250,217)	\$ (54,955)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (869)
	Total Chemical and Sludge Maintenance Fund		\$3,600,000	\$ 2,943,343	\$ 646,440	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,217
		Check	\$ -									
TOTAL O&M			\$ 41,721,409	\$ 17,484,438	\$ 2,620,965	\$ 1,424,714	\$ 1,396,691	\$ 991,960	\$ 1,638,050	\$ 6,069,109	\$ 7,942,580	\$ 2,152,902

Schedule HJS Settlement-14a: Allocation of Rate Year FY 2021 Revenue Requirement

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

Account	Description	Allocation Factor	Pro-Forma Rate Year	Common To All			Retail Only						
				Base	Max Day	Max Hour	Base	Max Day	Max Hour	Meters & Services	Billing & Collection	Direct Fire	
Other Expenditures													
Property Taxes- Other Local Govern.													
40820	Town of North Providence	1	\$ 303,569	\$ 302,051	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,518
40821	Town of Glocester	1	\$ 79,292	\$ 78,895	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 396
40822	Town of West. Glocester	1	\$ 4,585	\$ 4,562	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23
40823	Town Harmony	1	\$ 208	\$ 207	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1
40824	Town Chepachet	1	\$ 134	\$ 133	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1
40825	Town Scituate	1	\$ 6,760,676	\$ 6,726,873	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,803
40827	Town of Johnston	1	\$ 100,258	\$ 99,757	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 501
40828	Town of Foster	1	\$ 312,360	\$ 310,799	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,562
40829	City of Cranston	1	\$ 61,065	\$ 60,759	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 305
40830	City of West. Warwick	1	\$ 6,998	\$ 6,963	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35
Total Property Taxes			\$ 7,629,145	\$ 7,591,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 38,146
			<i>Check</i>	\$ -									
Restricted Funds													
	Capital Fund	27	\$ 2,127,000	\$ 586,177	\$ 260,927	\$ 26,321	\$ 260,465	\$ 181,057	\$ 298,985	\$ 444,432	\$ 13,064	\$ 55,571	
	Western Cranston Fund	6	\$ 40,000	\$ -	\$ -	\$ -	\$ 13,874	\$ 9,854	\$ 16,272	\$ -	\$ -	\$ -	
	IFR Fund	21	\$ 29,300,000	\$ 8,322,501	\$ 3,749,192	\$ 269,783	\$ 3,582,190	\$ 2,544,272	\$ 4,201,425	\$ 5,949,016	\$ -	\$ 681,620	
	Meter Replacement Fund	7	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	
	Vehicle/Equipment Fund	21	\$ 1,550,000	\$ 440,269	\$ 198,336	\$ 14,272	\$ 189,502	\$ 134,595	\$ 222,260	\$ 314,709	\$ -	\$ 36,058	
	Lead Service Replacement Fund	8	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	
	Revenue Reserve Fund	25	\$ 408,873	\$ 169,044	\$ 33,107	\$ 8,720	\$ 25,823	\$ 18,321	\$ 30,255	\$ 65,025	\$ 43,964	\$ 14,615	
Total Restricted Expenditures			\$ 35,425,873	\$ 9,517,990	\$ 4,241,562	\$ 319,096	\$ 4,071,854	\$ 2,888,099	\$ 4,769,196	\$ 7,773,182	\$ 1,057,028	\$ 787,866	
			<i>Check</i>	\$ -									
	City Services Expense	17	\$ 839,167	\$ 329,093	\$ 35,625	\$ 27,798	\$ 28,425	\$ 20,188	\$ 33,337	\$ 137,862	\$ 177,538	\$ 49,301	
	Capital Reimbursement	21	\$ (1,888,937)	\$ (536,542)	\$ (241,706)	\$ (17,393)	\$ (230,940)	\$ (164,026)	\$ (270,861)	\$ (383,526)	\$ -	\$ (43,943)	
TOTAL OTHER EXPENDITURES			\$ 42,005,248	\$ 16,901,541	\$ 4,035,481	\$ 329,502	\$ 3,869,339	\$ 2,744,261	\$ 4,531,673	\$ 7,527,518	\$ 1,234,565	\$ 831,369	
Gross Revenue Requirements			\$ 83,726,657	\$ 34,385,978	\$ 6,656,446	\$ 1,754,215	\$ 5,266,031	\$ 3,736,221	\$ 6,169,723	\$ 13,596,627	\$ 9,177,145	\$ 2,984,271	

Schedule HJS Settlement-14a: Allocation of Rate Year FY 2021 Revenue Requirement

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

Account	Description	Allocation Factor	Pro-Forma Rate Year	Common To All			Retail Only					
				Base	Max Day	Max Hour	Base	Max Day	Max Hour	Meters & Services	Billing & Collection	Direct Fire
Non-Rate Revenues												
Interest on Delinquent Accounts		26	\$ 403,127	\$ -	\$ -	\$ -	\$ 51,866	\$ 36,799	\$ 60,767	\$ 133,915	\$ 90,387	\$ 29,393
Interest Earned		17	\$ 25,636	\$ 10,053	\$ 1,088	\$ 849	\$ 868	\$ 617	\$ 1,018	\$ 4,212	\$ 5,424	\$ 1,506
Miscellaneous State revenue		9	\$ 180,288	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90,144	\$ 90,144	\$ -
Rents from Water Properties		17	\$ 20,969	\$ 8,223	\$ 890	\$ 695	\$ 710	\$ 504	\$ 833	\$ 3,445	\$ 4,436	\$ 1,232
Flow Tests		26	\$ 7,184	\$ -	\$ -	\$ -	\$ 924	\$ 656	\$ 1,083	\$ 2,386	\$ 1,611	\$ 524
New Meters		7	\$ 108,527	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 108,527	\$ -	\$ -
Lost/Stolen Meters		7	\$ 17,862	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17,862	\$ -	\$ -
Admin Fee NBC		9	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,500	\$ 12,500	\$ -
Shut Off/On Service Charge		9	\$ 197,810	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 98,905	\$ 98,905	\$ -
Other Miscellaneous		26	\$ 164,852	\$ -	\$ -	\$ -	\$ 21,210	\$ 15,048	\$ 24,850	\$ 54,763	\$ 36,962	\$ 12,020
Bad Checks		1	\$ 21,183	\$ 21,077	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 106
Forest Product Sales		1	\$ 98,642	\$ 98,149	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 493
Water Liens		1	\$ 47,083	\$ 46,848	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 235
Foster Property Tax Refund		1	\$ 225,000	\$ 223,875	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,125
TOTAL NON-RATE REVENUES			\$ 1,543,163	\$ 408,226	\$ 1,978	\$ 1,544	\$ 75,579	\$ 53,624	\$ 88,550	\$ 526,659	\$ 340,369	\$ 46,634
TOTAL NET REVENUE REQUIREMENT			\$ 82,183,494	\$ 33,977,752	\$ 6,654,467	\$ 1,752,672	\$ 5,190,452	\$ 3,682,597	\$ 6,081,173	\$ 13,069,968	\$ 8,836,776	\$ 2,937,637
Labor Related O&M Excl. A&G			\$ 16,694,638	\$ 7,139,138	\$ 192,912	\$ 318,561	\$ 412,838	\$ 293,221	\$ 484,203	\$ 3,023,098	\$ 3,709,455	\$ 1,121,212
Factor 15 - As Labor O&M Excl. A&G			100.00%	42.76%	1.16%	1.91%	2.47%	1.76%	2.90%	18.11%	22.22%	6.72%
Non-Labor Related O&M Excl. A&G			\$ 4,121,068	\$ 1,024,071	\$ 690,770	\$ 370,983	\$ 292,250	\$ 207,552	\$ 342,736	\$ 396,594	\$ 694,401	\$ 101,710
Factor 16 - As Non-Labor O&M Excl. A&G			100.00%	24.85%	16.76%	9.00%	7.09%	5.04%	8.32%	9.62%	16.85%	2.47%
Total O&M Excl. A&G			\$ 20,815,705	\$ 8,163,209	\$ 883,682	\$ 689,544	\$ 705,088	\$ 500,773	\$ 826,940	\$ 3,419,692	\$ 4,403,856	\$ 1,222,922
Factor 17 - As Total O&M Excl. A&G			100.00%	39.22%	4.25%	3.31%	3.39%	2.41%	3.97%	16.43%	21.16%	5.87%
Total Insurance Excluding Funding Adjustment			\$ 2,383,213	\$ 773,106	\$ 241,882	\$ 142,906	\$ 122,369	\$ 86,907	\$ 143,511	\$ 315,026	\$ 455,791	\$ 101,714
Factor 23 - As Total Ins. Excl Adj.			100.00%	32.44%	10.15%	6.00%	5.13%	3.65%	6.02%	13.22%	19.13%	4.27%
Total Chemicals Excluding Funding Adjustment			\$ 3,906,041	\$ 3,193,561	\$ 701,394	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,086
Factor 24 - As Total Chemicals Excl Adj.			100.00%	81.76%	17.96%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.28%
Total Net Revenue Requirement (Excl. Reserves)			\$ 81,774,621	\$ 33,808,709	\$ 6,621,361	\$ 1,743,952	\$ 5,164,629	\$ 3,664,276	\$ 6,050,918	\$ 13,004,943	\$ 8,792,812	\$ 2,923,022
Factor 25 - As Net Revenue Requirement			100.00%	41.34%	8.10%	2.13%	6.32%	4.48%	7.40%	15.90%	10.75%	3.57%
Retail Revenue Requirement (Excl. Bad Debt)			\$ 40,722,872				\$ 5,239,380	\$ 3,717,312	\$ 6,138,498	\$ 13,527,815	\$ 9,130,700	\$ 2,969,168
Factor 26 - As Retail Req. Excl. Bad Debt			100.00%	0.00%	0.00%	0.00%	12.87%	9.13%	15.07%	33.22%	22.42%	7.29%

Schedule HJS-14b: Allocation of Rate Year Revenue Requirement (Summary)

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

Pro-Forma Rate Year	Common To All			Retail Only						
	Base	Max Day	Max Hour	Base	Max Day	Max Hour	Meters & Services	Billing & Collection	Public Fire	
Net Operations and Maintenance Expense	\$ 39,832,472	\$ 16,947,896	\$ 2,379,259	\$ 1,407,321	\$ 1,165,752	\$ 827,934	\$ 1,367,189	\$ 5,685,583	\$ 7,942,580	\$ 2,108,959
Restricted Funds (Excluding Revenue Reserve)	\$ 35,017,000	\$ 9,348,947	\$ 4,208,455	\$ 310,376	\$ 4,046,031	\$ 2,869,778	\$ 4,738,942	\$ 7,708,157	\$ 1,013,064	\$ 773,250
City Services Expense	\$ 839,167	\$ 329,093	\$ 35,625	\$ 27,798	\$ 28,425	\$ 20,188	\$ 33,337	\$ 137,862	\$ 177,538	\$ 49,301
Property Taxes Expense	\$ 7,629,145	\$ 7,591,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 38,146
Total Expenses Allocated	\$ 83,317,784	\$ 34,216,935	\$ 6,623,339	\$ 1,745,496	\$ 5,240,208	\$ 3,717,900	\$ 6,139,468	\$ 13,531,602	\$ 9,133,181	\$ 2,969,656
Less: Miscellaneous Revenues	\$ (1,543,163)	\$ (408,226)	\$ (1,978)	\$ (1,544)	\$ (75,579)	\$ (53,624)	\$ (88,550)	\$ (526,659)	\$ (340,369)	\$ (46,634)
Plus: Net Operating Revenue Allowance	\$ 1,635,492	\$ 676,174	\$ 132,427	\$ 34,879	\$ 103,293	\$ 73,286	\$ 121,018	\$ 260,099	\$ 175,856	\$ 58,460
Net Revenue Requirement	\$ 83,410,114	\$ 34,484,883	\$ 6,753,788	\$ 1,778,831	\$ 5,267,922	\$ 3,737,561	\$ 6,171,936	\$ 13,265,042	\$ 8,968,668	\$ 2,981,483

Schedule HJS Settlement-15a: Pro-Forma Water Sales

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

Customer Class	FY 2014	FY 2015	FY 2016	FY 2017 (1)	FY 2018	FY 2019	Adjustment (2)	Pro Forma Rate Year
Retail								
Residential	8,627,628	8,347,957	8,269,834	8,269,270	8,030,974	8,103,732	292,444	8,396,176
Commercial	3,903,139	4,230,647	4,251,054	3,927,540	4,043,827	4,031,169	10,496	4,041,665
Industrial	185,888	171,644	164,367	182,199	189,997	164,973	22,213	187,186
Sub-total Retail	12,716,655 49.17%	12,750,248 48.22%	12,685,256 49.25%	12,379,009 49.12%	12,264,797 50.62%	12,299,874 51.15%	325,153	12,625,027 52.63%
Wholesale								
Bristol County	1,608,984	1,663,045	1,579,991	1,637,658	1,602,670	1,494,845	-	1,494,845
East Providence	2,201,598	2,010,940	1,869,775	1,904,517	1,776,786	1,822,773	-	1,822,773
East Smithfield	278,534	318,959	280,994	-	-	-	-	-
Greenville	431,647	443,841	477,556	443,680	417,847	421,521	-	421,521
Johnston	337,577	433,844	421,362	392,953	386,849	385,925	(385,925)	-
Kent County	2,561,361	2,561,821	2,381,066	2,500,971	2,470,436	2,727,147	-	2,727,147
Lincoln	1,025,337	1,119,193	1,082,008	1,155,628	1,057,830	1,038,229	-	1,038,229
Smithfield	497,433	477,254	427,370	435,321	435,955	391,600	-	391,600
Warwick	4,202,875	4,665,329	4,553,730	4,349,674	3,817,571	3,466,644	-	3,466,644
Sub-total Wholesale	13,145,345 50.83%	13,694,224 51.78%	13,073,851 50.75%	12,820,403 50.88%	11,965,943 49.38%	11,748,684 48.85%	(385,925)	11,362,760 47.37%
Grand Total	25,862,000	26,444,473	25,759,107	25,199,412	24,230,740	24,048,558	(60,772)	23,987,787
(1) East Smithfield Retail								
Residential	228,489	219,570	210,360	79,063	214,949	183,987	-	214,949
Commercial	3,409	5,763	11,446	3,562	7,362	5,418	-	7,362
Industrial	8,049	12,469	26,012	6,503	13,265	7,592	-	13,265
Total East Smithfield Retail	239,948	237,802	247,818	89,128	235,576	196,997	-	235,576
(2) Johnston Retail								
Residential	276,924	298,656	315,444	310,607	293,145	292,444	-	292,444
Commercial	4,132	7,839	17,163	13,993	10,521	10,496	-	10,496
Industrial	9,756	16,961	39,006	25,548	22,266	22,213	-	22,213
Total Johnston Retail	290,811	323,456	371,613	350,148	325,932	325,153	-	325,153

Schedule HJS Settlement-15b: Assignment of Non-Revenue Water (NRW)

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

Line	Description	Allocation (HCF)
1	Start: Annual Water Production	28,042,451
2	Less: Annual Sales	23,987,787
3	Equals: Non-Revenue Water	4,054,664
4	Less: Non-Billed Water Use	
5	Unauthorized Consumption ⁽¹⁾	70,106
6	Customer Metering Inaccuracy ⁽²⁾	741,890
7	Firefighting Allowance ⁽³⁾	133,690
8	Water Quality and Other Testing ⁽³⁾	1,178,162
9	Main Flushing/System Maintenance ⁽³⁾	66,845
10	Other Authorized Unbilled ⁽³⁾	13,501
	Total Non-Billed Use	2,204,194
11	Equals: Real Losses (Leakage)	1,850,470
12	Leakage on Distribution Mains and Services ⁽⁴⁾	1,650,295
13	Leakage on Transmission Mains ⁽⁴⁾	200,175
14	Retail Transmission Leakage ⁽⁵⁾	105,354
15	Wholesale Transmission Leakage ⁽⁵⁾	94,821
16	Flushing on Distribution Mains and Services ⁽⁴⁾	59,614
17	Flushing on Transmission Mains ⁽⁴⁾	7,231
18	Retail Transmission Flushing	3,806
19	Wholesale Transmission Flushing	3,425
20	Retail Non-Revenue Water	
21	100% of Unauthorized Consumption	70,106
22	100% of Customer Metering Inaccuracy	741,890
23	100% of Firefighting Allowance	133,690
24	52.6% of Water Quality and Testing	620,079
25	100% of Flushing on Distribution Mains	59,614
26	52.6% of Flushing on Transmission Mains	3,806
27	100% of Leakage on Distribution Mains	1,650,295
28	52.6% of Leakage on Transmission Mains	105,354
29	100% of Other Authorized Unbilled	13,501
30	Total Retail NRW	3,398,335
31	%	83.81%
32	Wholesale Non-Revenue Water	
33	0% of Unauthorized Consumption	-
34	0% of Customer Metering Inaccuracy	-
35	0% of Firefighting Allowance	-
36	47.4% of Water Quality and Testing	558,083
37	0% of Flushing on Distribution Mains	-
38	47.4% of Flushing on Transmission Mains	3,425
39	0% of Leakage on Distribution Mains	-
40	47.4% of Leakage on Transmission Mains	94,821
41	0% of Other Authorized Unbilled	-
42	Total Wholesale NRW	656,329
43	%	16.19%

(1) Estimated at 0.25% of Production

(2) Estimated at 3%. Calculated as: (Sales / 0.97) - Sales

(3) Per Providence Water FY 2019

(4) Based on Length of Pipe

(5) Based on Pro-Forma Sales

Schedule HJS Settlement-16a: Customer Class Units of Service

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

Customer Class	Base Demand			Maximum Day Extra Capacity			Maximum Hour Extra Capacity				Billing		Direct Fire	
	Rate Year Sales	Plus NRW	Base	Average Day	Peaking Factor	Maximum Day	Maximum Day Extra	Average Day	Peaking Factor	Maximum Hour	Maximum Hour Extra	Meters & Services		Monthly Bills
	HCF	HCF	HCF	HCF/d		HCF/d	HCF/d	HCF/d		HCF/d	HCF/d	5/8" Eq.	6" Eq.	
Retail														
Residential	8,396,176	2,260,036	10,656,212	23,003	1.56	35,958	12,954	23,003	3.13	71,915	35,958			
Commercial	4,041,665	1,087,913	5,129,578	11,073	1.68	18,644	7,571	11,073	3.37	37,289	18,644			
Industrial	187,186	50,386	237,572	513	1.44	741	228	513	2.89	1,481	741			
Sub-total Retail	12,625,027	3,398,335	16,023,362	34,589	1.60	55,343	20,753	34,589	3.20	110,685	55,343	88,313	931,056	
Fire Protection														
Private						690	690			2,759	2,070	40,187	23,940	
Public (Providence)			69,188			1,085	1,085			4,338	3,254			3,232
Public (All Other)			71,029			1,113	1,113			4,453	3,340			3,318
Subtotal Fire Protection			140,217			2,888	2,888			11,551	8,663	40,187	23,940	6,550
Wholesale	11,362,760	656,329	12,019,088	31,131	1.74	54,168	23,037	31,131	2.16	67,243	13,075	-	-	-
Grand Total	23,987,787	4,054,664	28,182,668	65,720	1.71	112,398	46,678	65,720	2.88	189,479	77,081	128,499	954,996	6,550

Intraclass Distribution of Retail Max Day Based on Monthly Analysis

	Max Day	%
Residential	36,616	64.97%
Commercial	18,986	33.69%
Industrial	754	1.34%
	56,357	100.00%

Schedule HJS-16b: Customer Class Units of Service

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

6" Equivalent Connections

Fire Connection Size	Accounts	Demand Factor	6" Eq. Factor	6" Eq. Conn.
5/8"	-	0.0	0.000	0.00
3/4"	2	0.5	0.004	0.01
1"	9	1.0	0.009	0.08
1-1/2"	2	2.9	0.026	0.05
2"	68	6.2	0.056	3.78
3"	-	18.0	0.162	0.00
4"	391	38.3	0.344	134.60
6"	1,245	111.3	1.000	1,245.00
8"	256	237.2	2.131	545.54
10"	4	426.6	3.832	15.33
12"	18	689.0	6.190	111.42
16"	-	1,468.4	13.192	0.00
Subtotal Private	1,995			2,056

Public Fire Hydrants (Providence Only) 3232

Public Fire Hydrants (All Other) 3318

Total Hydrants 6550

Equivalent 6" Connections	#	%
Private Firelines	2,056	23.89%
Providence Hydrants	3,232	37.56%
All Other Hydrants	3,318	38.56%
	<u>8,606</u>	<u>100.00%</u>

5/8" Equivalent Connections

Meter Size	Providence Accounts	All Accounts	Fire Accounts	5/8" Eq. M&S Factor	5/8" Eq. Prov FP
5/8"	25,954	57,812	-	1	1
3/4"	4,580	11,326	2	1.1	1.5
1"	2,091	5,335	9	1.4	3.75
1-1/2"	902	1,547	2	1.8	10
2"	792	1,357	68	2.9	24
3"	55	73	-	11	65
4"	20	35	391	14	110
6"	28	57	1,245	21	225
8"	15	42	256	29	340
10"	2	4	4	36.25	520
12"	-	-	18	43.5	860
16"	-	-	-	58	
	34,439	77,588	1,995		

	5/8" M&S	5/8" FP	Bills
Providence	39,820	86,908	413,268
All	88,313	n/a	931,056
Fire	40,187	n/a	23,940

Schedule HJS Settlement-16c: Customer Class Units of Service

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

Customer Class	Base	Extra Capacity		Billing		Direct Fire
		Maximum Day Extra	Maximum Hour Extra	Meters & Services	Monthly Bills	
	HCF	HCF/d	HCF/d	5/8" Eq.	Bills	6" Eq.
Retail						
Residential	10,656,212	12,954	35,958			
Commercial	5,129,578	7,571	18,644			
Industrial	237,572	228	741			
Sub-total Retail	16,023,362	20,753	55,343	88,313	931,056	
Fire Protection						
Private		690	2,070	40,187	23,940	
Public (Providence)	69,188	1,085	3,254			3,232
Public (All Other)	71,029	1,113	3,340			3,318
Subtotal Fire Protection	140,217	2,888	8,663	40,187	23,940	6,550
Wholesale	12,019,088	23,037	13,075			
Grand Total	28,182,668	46,678	77,081	128,499	954,996	6,550

Schedule HJS Settlement-17: Unit Cost of Service

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Confidential Settlement Proposal
 Test Year Ending June 30, 2019
 Rate Years Ending June 30, 2021 through 2023

	Total	Common To All			Retail Only					
		Base HCF	Max Day HCF/d	Max Hour HCF/d	Base HCF	Max Day HCF/d	Max Hour HCF/d	Meters & Services Eq. 5/8" Mtrs.	Billing & Collection Bills	Direct Fire Eq. 6" Conn.
Total Units of Service										
Retail		16,023,362	20,753	55,343	16,023,362	20,753	55,343	88,313	931,056	-
Fire Protection		140,217	2,888	8,663	140,217	2,888	8,663	40,187	23,940	6,550
Wholesale		12,019,088	23,037	13,075	-	-	-	-	-	-
Total		28,182,668	46,678	77,081	16,163,579	23,641	64,006	128,499	954,996	6,550
Unit Cost of Service										
O&M Expense	\$ 38,289,309	\$ 16,539,670	\$ 2,377,281	\$ 1,405,777	\$ 1,090,173	\$ 774,310	\$ 1,278,639	\$ 5,158,924	\$ 7,602,211	\$ 2,062,325
Unit Cost (\$/Unit)		\$ 0.59	\$ 50.93	\$ 18.24	\$ 0.07	\$ 32.75	\$ 19.98	\$ 40.15	\$ 7.96	\$ 314.86
Capital Expense	\$ 35,017,000	\$ 9,348,947	\$ 4,208,455	\$ 310,376	\$ 4,046,031	\$ 2,869,778	\$ 4,738,942	\$ 7,708,157	\$ 1,013,064	\$ 773,250
Unit Cost (\$/Unit)		\$ 0.33	\$ 90.16	\$ 4.03	\$ 0.25	\$ 121.39	\$ 74.04	\$ 59.99	\$ 1.06	\$ 118.05
City Services Expense	\$ 839,167	\$ 329,093	\$ 35,625	\$ 27,798	\$ 28,425	\$ 20,188	\$ 33,337	\$ 137,862	\$ 177,538	\$ 49,301
Unit Cost (\$/Unit)		\$ 0.01	\$ 0.76	\$ 0.36	\$ 0.00	\$ 0.85	\$ 0.52	\$ 1.07	\$ 0.19	\$ 7.53
Property Tax Expense	\$ 7,629,145	\$ 7,591,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 38,146
Unit Cost (\$/Unit)		\$ 0.27	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5.82
Net Operating Revenue Allowance	\$ 1,635,492	\$ 676,174	\$ 132,427	\$ 34,879	\$ 103,293	\$ 73,286	\$ 121,018	\$ 260,099	\$ 175,856	\$ 58,460
Unit Cost (\$/Unit)		\$ 0.02	\$ 2.84	\$ 0.45	\$ 0.01	\$ 3.10	\$ 1.89	\$ 2.02	\$ 0.18	\$ 8.93
Total Cost of Service	\$ 83,410,114	\$ 34,484,883	\$ 6,753,788	\$ 1,778,831	\$ 5,267,922	\$ 3,737,561	\$ 6,171,936	\$ 13,265,042	\$ 8,968,668	\$ 2,981,483
Unit Cost (\$/Unit)		\$ 1.22	\$ 144.69	\$ 23.08	\$ 0.33	\$ 158.10	\$ 96.43	\$ 103.23	\$ 9.39	\$ 455.19

Schedule HJS Settlement-18: Customer Class Cost of Service

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

	Common To All			Retail Only						
	Total	Base	Max Day	Max Hour	Base	Max Day	Max Hour	Meters & Services	Billing & Collection	Direct Fire
Unit Cost of Service (\$/Unit)		\$1.22	\$144.69	\$23.08	\$0.33	\$158.10	\$96.43	\$103.23	\$9.39	\$455.19
Retail Service:										
Residential Volume										
Units of Service		10,656,212	12,954	35,958	10,656,212	12,954	35,958	-	-	-
Cost of Service	\$ 24,731,653	\$ 13,039,157	\$ 1,874,349	\$ 829,812	\$ 3,472,999	\$ 2,048,022	\$ 3,467,314	\$ -	\$ -	\$ -
Commercial Volume										
Units of Service		5,129,578	7,571	18,644	5,129,578	7,571	18,644	-	-	-
Cost of Service	\$ 12,469,032	\$ 6,276,656	\$ 1,095,485	\$ 430,266	\$ 1,671,796	\$ 1,196,990	\$ 1,797,838	\$ -	\$ -	\$ -
Industrial Volume Charge										
Units of Service		237,572	228	741	237,572	228	741	-	-	-
Cost of Service	\$ 525,616	\$ 290,698	\$ 32,962	\$ 17,092	\$ 77,428	\$ 36,016	\$ 71,420	\$ -	\$ -	\$ -
Meter Service Charge										
Units of Service		-	-	-	-	-	-	88,313	931,056	-
Cost of Service	\$ 17,860,394	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,116,554	\$ 8,743,840	\$ -
Fire Protection:										
Private Fire Lines										
Units of Service		-	690	2,070	-	690	2,070	40,187	23,940	-
Cost of Service	\$ 4,829,504	\$ -	\$ 99,812	\$ 47,759	\$ -	\$ 109,060	\$ 199,558	\$ 4,148,488	\$ 224,828	\$ -
Public Fire (Providence)										
Units of Service		69,188	1,085	3,254	69,188	1,085	3,254	-	-	3,232
Cost of Service	\$ 2,295,561	\$ 84,660	\$ 156,916	\$ 75,083	\$ 22,549	\$ 171,455	\$ 313,729	\$ -	\$ -	\$ 1,471,168
Public Fire (All Other)										
Units of Service		71,029	1,113	3,340	71,029	1,113	3,340	-	-	3,318
Cost of Service	\$ 2,356,643	\$ 86,913	\$ 161,091	\$ 77,081	\$ 23,149	\$ 176,017	\$ 322,077	\$ -	\$ -	\$ 1,510,314
East Smithfield Surcharge										
Units of Service		-	-	-	-	-	-	-	-	-
Cost of Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Wholesale Service:										
Units of Service		12,019,088	23,037	13,075	-	-	-	-	-	-
Cost of Service	\$ 18,341,711	\$ 14,706,800	\$ 3,333,173	\$ 301,738	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Allocated Cost of Service	\$ 83,410,114	\$ 34,484,883	\$ 6,753,788	\$ 1,778,831	\$ 5,267,922	\$ 3,737,561	\$ 6,171,936	\$ 13,265,042	\$ 8,968,668	\$ 2,981,483

Schedule HJS Settlement-19: Development of Volumetric Rates

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

	Units	Residential	Commercial	Industrial	Wholesale
Unit Cost					
CTA Base	\$/HCF	1.22	1.22	1.22	1.22
CTA Maximum Day	\$/HCF/d	144.69	144.69	144.69	144.69
CTA Maximum Hour	\$/HCF/d	23.08	23.08	23.08	23.08
Retail Only Base	\$/HCF	0.33	0.33	0.33	0.33
Retail Only Maximum Day	\$/HCF/d	158.10	158.10	158.10	158.10
Retail Only Maximum Hour	\$/HCF/d	96.43	96.43	96.43	96.43
Units					
Base	HCF	10,656,212	5,129,578	237,572	12,019,088
Maximum Day	HCF/d	12,954	7,571	228	23,037
Maximum Hour	HCF/d	35,958	18,644	741	13,075
Total Cost					
CTA Base		\$ 13,039,157	\$ 6,276,656	\$ 290,698	\$ 14,706,800
CTA Maximum Day		\$ 1,874,349	\$ 1,095,485	\$ 32,962	\$ 3,333,173
CTA Maximum Hour		\$ 829,812	\$ 430,266	\$ 17,092	\$ 301,738
Retail Only Base		\$ 3,472,999	\$ 1,671,796	\$ 77,428	\$ -
Retail Only Maximum Day		\$ 2,048,022	\$ 1,196,990	\$ 36,016	\$ -
Retail Only Maximum Hour		\$ 3,467,314	\$ 1,797,838	\$ 71,420	\$ -
PLUS:					
Retail Service Charge Costs		\$ 5,117,617	\$ 2,580,164	\$ 108,763	\$ -
Retail Fire Protection Costs		\$ 270,710	\$ 136,485	\$ 5,753	\$ -
Private Fire Line Costs		\$ 561,508	\$ 283,097	\$ 11,934	\$ -
Public Fire Costs		\$ 249,227	\$ 125,653	\$ 5,297	\$ -
Total Rate Year Revenue Requirement		\$ 30,930,715	\$ 15,594,431	\$ 657,363	\$ 18,341,711
Rate Year Sales	HCF	8,396,176	4,041,665	187,186	11,362,760
Volumetric Rate Build-Up					
Base	\$/HCF	\$ 1.966628	\$ 1.966628	\$ 1.966628	\$ 1.294298
Maximum Day	\$/HCF	\$ 0.467162	\$ 0.567211	\$ 0.368503	\$ 0.293342
Maximum Hour	\$/HCF	\$ 0.511796	\$ 0.551284	\$ 0.472856	\$ 0.026555
Service Charge	\$/HCF	\$ 0.609518	\$ 0.638391	\$ 0.581045	\$ -
Retail Fire	\$/HCF	\$ 0.032242	\$ 0.033769	\$ 0.030736	\$ -
Private Fire	\$/HCF	\$ 0.066877	\$ 0.070045	\$ 0.063753	\$ -
Public Fire	\$/HCF	\$ 0.029683	\$ 0.031089	\$ 0.028297	\$ -
Total	\$/HCF	\$ 3.683905	\$ 3.858418	\$ 3.511818	\$ 1.614195
Rounded	\$/HCF	\$ 3.684000	\$ 3.859000	\$ 3.512000	\$ 1.614196
Revenues		\$ 30,931,512	\$ 15,596,785	\$ 657,397	\$ 18,341,721
COS		\$ 30,930,715	\$ 15,594,431	\$ 657,363	\$ 18,341,711
Variance due to Rounding		\$ 797	\$ 2,354	\$ 34	\$ 10

Schedule HJS Settlement-20a: Development of Meter Service Charge

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

Meter Size	Meter Equivalency	M&S Cost Per Month	Billing Cost Per Bill	Total Cost Per Month	Existing Charge	Proposed Charge	Rounded Charge	Accounts	Revenues
5/8"	1	\$ 8.60	\$ 9.39	\$ 17.99	\$ 7.56	\$ 9.92	\$ 9.92	57,812	\$ 6,881,940
3/4"	1.1	\$ 9.46	\$ 9.39	\$ 18.85	\$ 8.05	\$ 10.56	\$ 10.57	11,326	\$ 1,436,590
1"	1.4	\$ 12.04	\$ 9.39	\$ 21.43	\$ 9.50	\$ 12.46	\$ 12.47	5,335	\$ 798,329
1.5"	1.8	\$ 15.48	\$ 9.39	\$ 24.88	\$ 11.43	\$ 15.00	\$ 15.00	1,547	\$ 278,460
2"	2.9	\$ 24.95	\$ 9.39	\$ 34.34	\$ 16.76	\$ 21.99	\$ 21.99	1,357	\$ 358,085
3"	11	\$ 94.63	\$ 9.39	\$ 104.02	\$ 56.01	\$ 73.49	\$ 73.49	73	\$ 64,377
4"	14	\$ 120.44	\$ 9.39	\$ 129.83	\$ 70.55	\$ 92.56	\$ 92.57	35	\$ 38,879
6"	21	\$ 180.65	\$ 9.39	\$ 190.04	\$ 104.47	\$ 137.06	\$ 137.07	57	\$ 93,756
8"	29	\$ 249.47	\$ 9.39	\$ 258.87	\$ 143.23	\$ 187.92	\$ 187.92	42	\$ 94,712
10"	36.25	\$ 311.84	\$ 9.39	\$ 321.23	\$ 178.36	\$ 234.01	\$ 234.01	4	\$ 11,232
12"	43.5	\$ 374.21	\$ 9.39	\$ 383.60	\$ 213.49	\$ 280.10	\$ 280.10	0	\$ -

Total Revenue Generated 77,588 \$ 10,056,362

Costs Allocated to Customer Service

Meters & Services	\$ 9,116,554
Billing & Collection	\$ 8,743,840
LESS Shift to Retail Volume Charge	\$ (7,806,545)
Total Customer Service Costs	\$ 10,053,849

Variance Due to Rounding \$ 2,512

Schedule HJS Settlement-20b: Development of Providence Retail Fire Protection Service Charge

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

Meter Size	Meter Equivalency	Accounts	5/8" Equivalents	Fire Cost Per Month	Existing Charge	Proposed Charge	Rounded Charge	Revenues
5/8"	1	25,954	25,954	\$ 2.20	\$ 1.38	\$ 1.81	\$ 1.82	\$ 566,835
3/4"	1.5	4,580	6,870	\$ 3.30	\$ 2.07	\$ 2.72	\$ 2.72	\$ 149,491
1"	3.75	2,091	7,841	\$ 8.25	\$ 5.15	\$ 6.76	\$ 6.76	\$ 169,622
1.5"	10	902	9,020	\$ 22.01	\$ 13.74	\$ 18.03	\$ 18.03	\$ 195,157
2"	24	792	19,008	\$ 52.83	\$ 32.96	\$ 43.24	\$ 43.25	\$ 411,048
3"	65	55	3,575	\$ 143.07	\$ 89.26	\$ 117.11	\$ 117.11	\$ 77,293
4"	110	20	2,200	\$ 242.12	\$ 151.05	\$ 198.18	\$ 198.18	\$ 47,563
6"	225	28	6,300	\$ 495.26	\$ 308.97	\$ 405.37	\$ 405.37	\$ 136,204
8"	340	15	5,100	\$ 748.39	\$ 466.89	\$ 612.56	\$ 612.56	\$ 110,261
10"	520	2	1,040	\$ 1,144.59	\$ 714.07	\$ 936.86	\$ 936.86	\$ 22,485
12"	860	-	-	\$ 1,892.98	\$ 1,180.95	\$ 1,549.40	\$ 1,549.41	\$ -

Total Revenue Generated \$1,885,959

Total FPSC Costs \$ 2,295,561

LESS Shift to Retail Volume Charge \$ (412,948)

Adjusted FPSC Costs \$ 1,882,613

Variance Due to Rounding \$3,346

Schedule HJS Settlement-21a: Development of Private Fireline Charges

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

Fire Connection Size	Accounts	Demand Factor	6" Eq. Factor	6" Eq. Conn.	5/8" Eq. Factor	M&S Cost Per Month	Cost Per Bill	Demand Cost Per Month	Total Cost Per Month	Existing Charge	Proposed Charge	Rounded Charge	Revenues
3/4"	2	0.5	0.004	0.01	1.10	\$9.46	\$ 9.39	\$ 0.08	\$ 18.93	\$ 8.64	\$ 11.34	\$ 11.34	\$ 272
1"	9	1.0	0.009	0.08	1.40	\$12.04	\$ 9.39	\$ 0.17	\$ 21.60	\$ 10.21	\$ 13.40	\$ 13.40	\$ 1,447
1-1/2"	2	2.9	0.026	0.05	1.80	\$15.48	\$ 9.39	\$ 0.48	\$ 25.36	\$ 12.57	\$ 16.50	\$ 16.50	\$ 396
2"	68	6.2	0.056	3.78	2.90	\$24.95	\$ 9.39	\$ 1.03	\$ 35.37	\$ 18.64	\$ 24.46	\$ 24.46	\$ 19,959
4"	391	38.3	0.344	134.60	14.00	\$120.44	\$ 9.39	\$ 6.37	\$ 136.19	\$ 79.67	\$ 104.53	\$ 104.53	\$ 490,455
6"	1,245	111.3	1.000	1,245.00	21.00	\$180.65	\$ 9.39	\$ 18.49	\$ 208.54	\$ 129.89	\$ 170.42	\$ 170.42	\$ 2,546,075
8"	256	237.2	2.131	545.54	29.00	\$249.47	\$ 9.39	\$ 39.41	\$ 298.27	\$ 196.73	\$ 258.11	\$ 258.11	\$ 792,914
10"	4	426.6	3.832	15.33	36.25	\$311.84	\$ 9.39	\$ 70.87	\$ 392.10	\$ 274.06	\$ 359.57	\$ 359.57	\$ 17,259
12"	18	689.0	6.190	111.42	43.50	\$374.21	\$ 9.39	\$ 114.47	\$ 498.07	\$ 367.64	\$ 482.35	\$ 482.35	\$ 104,188
16"	-	1,468.4	13.192	0.00	58.00	\$498.95	\$ 9.39	\$ 243.94	\$ 752.27	\$ 611.43	\$ 752.28	\$ 752.28	\$ -
	1,995			2,055.82									\$ 3,972,965

Costs Allocated to Private Fire Service

Meters & Services	\$ 4,148,488
Billing & Collection	\$ 224,828
Demand Costs	\$ 456,189
Less Costs Recovered from Retail Volume Charge	\$ (856,539)
Total Private Fire Protection Costs	\$ 3,972,965

Schedule HJS Settlement-21b: Development of Hydrant Charges

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

Demand Costs (Hydrants Excluding Providence)	\$	846,328
Hydrants (Excluding Providence)		3,318
Annual Demand Costs per Hydrant	\$	255.07
<hr/>		
Annual Direct Fire Cost per Hydrant	\$	455.19
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Existing Annual Cost per Hydrant	\$	454.02
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Total Annual Cost per Hydrant	\$	710.26
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Proposed Annual Charge per Hydrant	\$	595.68
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Rounded Annual Charge per Hydrant	\$	595.68
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Hydrant Revenues	\$	1,976,466
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Costs Allocated to Hydrant Charge		
Demand	\$	846,328
Direct Fire	\$	1,510,314
LESS Shift to Retail Volume Charge	\$	(380,177)
Total Public Fire Costs (Excluding Providence)	\$	1,976,466

Schedule HJS Settlement-22: Proposed Rates

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

Description	Existing Rates			Proposed FY 2021				Proposed FY 2022			Proposed FY 2023		
	Units	Rates	Revenue	% Change	Rates	Revenue	% Change	Rates	Revenue	% Change	Rates	Revenue	
Service Charges													
5/8"	57,812	\$ 7.56	\$ 5,244,705	31.22%	\$ 9.92	\$ 6,881,940	5.54%	\$ 10.47	\$ 7,263,166	4.22%	\$ 10.91	\$ 7,569,310	
3/4"	11,326	\$ 8.05	\$ 1,094,092	31.30%	\$ 10.57	\$ 1,436,590	5.54%	\$ 11.16	\$ 1,516,170	4.22%	\$ 11.63	\$ 1,580,077	
1"	5,335	\$ 9.50	\$ 608,190	31.26%	\$ 12.47	\$ 798,329	5.54%	\$ 13.16	\$ 842,553	4.22%	\$ 13.72	\$ 878,067	
1.5"	1,547	\$ 11.43	\$ 212,187	31.23%	\$ 15.00	\$ 278,460	5.54%	\$ 15.83	\$ 293,885	4.22%	\$ 16.50	\$ 306,273	
2"	1,357	\$ 16.76	\$ 272,920	31.21%	\$ 21.99	\$ 358,085	5.54%	\$ 23.21	\$ 377,921	4.22%	\$ 24.19	\$ 393,851	
3"	73	\$ 56.01	\$ 49,065	31.21%	\$ 73.49	\$ 64,377	5.54%	\$ 77.56	\$ 67,943	4.22%	\$ 80.83	\$ 70,807	
4"	35	\$ 70.55	\$ 29,631	31.21%	\$ 92.57	\$ 38,879	5.54%	\$ 97.70	\$ 41,033	4.22%	\$ 101.82	\$ 42,763	
6"	57	\$ 104.47	\$ 71,457	31.21%	\$ 137.07	\$ 93,756	5.54%	\$ 144.66	\$ 98,949	4.22%	\$ 150.76	\$ 103,120	
8"	42	\$ 143.23	\$ 72,188	31.20%	\$ 187.92	\$ 94,712	5.54%	\$ 198.33	\$ 99,958	4.22%	\$ 206.69	\$ 104,171	
10"	4	\$ 178.36	\$ 8,561	31.20%	\$ 234.01	\$ 11,232	5.54%	\$ 246.97	\$ 11,855	4.22%	\$ 257.38	\$ 12,354	
12"	-	\$ 213.49	\$ -	31.20%	\$ 280.10	\$ -	5.54%	\$ 295.62	\$ -	4.22%	\$ 308.08	\$ -	
Total Service Charge	77,588		\$ 7,662,995	31.23%		\$ 10,056,362	5.54%		\$ 10,613,435	4.22%		\$ 11,060,793	
						\$ -							
Retail Fire Protection Service Charges (Providence Only)													
5/8"	25,954	\$ 1.38	\$ 429,798	31.88%	\$ 1.82	\$ 566,835	5.54%	\$ 1.92	\$ 598,235	4.22%	\$ 2.00	\$ 623,451	
3/4"	4,580	\$ 2.07	\$ 113,767	31.40%	\$ 2.72	\$ 149,491	5.54%	\$ 2.87	\$ 157,772	4.22%	\$ 2.99	\$ 164,422	
1"	2,091	\$ 5.15	\$ 129,224	31.26%	\$ 6.76	\$ 169,622	5.54%	\$ 7.13	\$ 179,018	4.22%	\$ 7.44	\$ 186,564	
1.5"	902	\$ 13.74	\$ 148,722	31.22%	\$ 18.03	\$ 195,157	5.54%	\$ 19.03	\$ 205,967	4.22%	\$ 19.83	\$ 214,649	
2"	792	\$ 32.96	\$ 313,252	31.22%	\$ 43.25	\$ 411,048	5.54%	\$ 45.65	\$ 433,818	4.22%	\$ 47.57	\$ 452,104	
3"	55	\$ 89.26	\$ 58,912	31.20%	\$ 117.11	\$ 77,293	5.54%	\$ 123.60	\$ 81,574	4.22%	\$ 128.81	\$ 85,013	
4"	20	\$ 151.05	\$ 36,252	31.20%	\$ 198.18	\$ 47,563	5.54%	\$ 209.16	\$ 50,198	4.22%	\$ 217.97	\$ 52,314	
6"	28	\$ 308.97	\$ 103,814	31.20%	\$ 405.37	\$ 136,204	5.54%	\$ 427.83	\$ 143,749	4.22%	\$ 445.86	\$ 149,808	
8"	15	\$ 466.89	\$ 84,040	31.20%	\$ 612.56	\$ 110,261	5.54%	\$ 646.49	\$ 116,369	4.22%	\$ 673.74	\$ 121,274	
10"	2	\$ 714.07	\$ 17,138	31.20%	\$ 936.86	\$ 22,485	5.54%	\$ 988.76	\$ 23,730	4.22%	\$ 1,030.43	\$ 24,730	
12"	-	\$ 1,180.95	\$ -	31.20%	\$ 1,549.41	\$ -	5.54%	\$ 1,635.24	\$ -	4.22%	\$ 1,704.17	\$ -	
Total Retail FPSC (Providence Only)	34,439		\$ 1,434,918	31.43%		\$ 1,885,959	5.54%		\$ 1,990,432	4.22%		\$ 2,074,329	
Total Retail Service Charge Revenue			\$ 9,097,913	31.26%		\$ 11,942,320	5.54%		\$ 12,603,867	4.22%		\$ 13,135,121	
Retail Consumption Charges													
Residential	8,396,176	\$ 3.403	\$ 28,572,187	8.26%	\$ 3.684	\$ 30,931,512	5.54%	\$ 3.888	\$ 32,644,967	4.22%	\$ 4.052	\$ 34,020,957	
Commercial	4,041,665	\$ 3.223	\$ 13,026,286	19.73%	\$ 3.859	\$ 15,596,785	5.54%	\$ 4.073	\$ 16,460,771	4.22%	\$ 4.244	\$ 17,154,595	
Industrial	187,186	\$ 3.169	\$ 593,192	10.82%	\$ 3.512	\$ 657,397	5.54%	\$ 3.707	\$ 693,814	4.22%	\$ 3.863	\$ 723,058	
Total Retail Consumption Charge	12,625,027		\$ 42,191,666	11.84%		\$ 47,185,695	5.54%		\$ 49,799,552	4.22%		\$ 51,898,610	
East Smithfield Debt Surcharge	235,576	\$ 0.35	\$ 82,451	0.00%	\$ 0.350	\$ 82,451	0.00%	\$ 0.350	\$ 82,451	0.00%	\$ 0.350	\$ 82,451	
Total Retail Volume Charge Revenue			\$ 42,274,117	11.81%		\$ 47,268,146	5.53%		\$ 49,882,004	4.21%		\$ 51,981,062	
Total Retail Revenue			\$ 51,372,030	15.26%		\$ 59,210,467	5.53%		\$ 62,485,870	4.21%		\$ 65,116,183	

Schedule HJS Settlement-22: Proposed Rates

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

Description	Existing Rates			Proposed FY 2021				Proposed FY 2022			Proposed FY 2023		
	Units	Rates	Revenue	% Change	Rates	Revenue	% Change	Rates	Revenue	% Change	Rates	Revenue	
Wholesale Charges													
Bristol County	1,494,845	\$ 1.350858	\$ 2,019,323	19.49%	\$ 1.614196	\$ 2,412,973	4.07%	\$ 1.679815	\$ 2,511,063	2.84%	\$ 1.727549	\$ 2,582,418	
East Providence	1,822,773	\$ 1.350858	\$ 2,462,307	19.49%	\$ 1.614196	\$ 2,942,312	4.07%	\$ 1.679815	\$ 3,061,922	2.84%	\$ 1.727549	\$ 3,148,929	
Greenville	421,521	\$ 1.350858	\$ 569,415	19.49%	\$ 1.614196	\$ 680,418	4.07%	\$ 1.679815	\$ 708,078	2.84%	\$ 1.727549	\$ 728,199	
Kent County	2,727,147	\$ 1.350858	\$ 3,683,989	19.49%	\$ 1.614196	\$ 4,402,151	4.07%	\$ 1.679815	\$ 4,581,104	2.84%	\$ 1.727549	\$ 4,711,281	
Lincoln	1,038,229	\$ 1.350858	\$ 1,402,499	19.49%	\$ 1.614196	\$ 1,675,904	4.07%	\$ 1.679815	\$ 1,744,032	2.84%	\$ 1.727549	\$ 1,793,591	
Smithfield	391,600	\$ 1.350858	\$ 528,996	19.49%	\$ 1.614196	\$ 632,120	4.07%	\$ 1.679815	\$ 657,816	2.84%	\$ 1.727549	\$ 676,509	
Warwick	3,466,644	\$ 1.350858	\$ 4,682,944	19.49%	\$ 1.614196	\$ 5,595,843	4.07%	\$ 1.679815	\$ 5,823,322	2.84%	\$ 1.727549	\$ 5,988,797	
Total Wholesale Revenue	11,362,760		15,349,475	19.49%		18,341,721	4.07%		19,087,338	2.84%		19,629,722	

Wholesale (per million gallons) 8,499 \$ 1,805.96 \$ 15,349,475 19.49% \$ 2,158.02 \$ 18,341,721 \$ 2,245.74 \$ 19,087,338 \$ 2,309.56 \$ 19,629,722

Description	Existing Rates			Proposed FY 2021				Proposed FY 2022			Proposed FY 2023		
	Units	Rates	Revenue	% Change	Rates	Revenue	% Change	Rates	Revenue	% Change	Rates	Revenue	
Private Fire Service Charges													
3/4"	2	\$ 8.64	\$ 207	31.25%	\$ 11.34	\$ 272	5.54%	\$ 11.97	\$ 287	4.22%	\$ 12.47	\$ 299	
1"	9	\$ 10.21	\$ 1,103	31.24%	\$ 13.40	\$ 1,447	5.54%	\$ 14.14	\$ 1,527	4.22%	\$ 14.74	\$ 1,592	
1-1/2"	2	\$ 12.57	\$ 302	31.26%	\$ 16.50	\$ 396	5.54%	\$ 17.41	\$ 418	4.22%	\$ 18.15	\$ 436	
2"	68	\$ 18.64	\$ 15,210	31.22%	\$ 24.46	\$ 19,959	5.54%	\$ 25.81	\$ 21,065	4.22%	\$ 26.90	\$ 21,953	
4"	391	\$ 79.67	\$ 373,812	31.20%	\$ 104.53	\$ 490,455	5.54%	\$ 110.32	\$ 517,624	4.22%	\$ 114.97	\$ 539,441	
6"	1,245	\$ 129.89	\$ 1,940,557	31.20%	\$ 170.42	\$ 2,546,075	5.54%	\$ 179.86	\$ 2,687,115	4.22%	\$ 187.44	\$ 2,800,377	
8"	256	\$ 196.73	\$ 604,355	31.20%	\$ 258.11	\$ 792,914	5.54%	\$ 272.41	\$ 836,837	4.22%	\$ 283.89	\$ 872,110	
10"	4	\$ 274.06	\$ 13,155	31.20%	\$ 359.57	\$ 17,259	5.54%	\$ 379.49	\$ 18,215	4.22%	\$ 395.48	\$ 18,983	
12"	18	\$ 367.64	\$ 79,410	31.20%	\$ 482.35	\$ 104,188	5.54%	\$ 509.07	\$ 109,959	4.22%	\$ 530.53	\$ 114,594	
16"	-	\$ 611.43	\$ -	23.04%	\$ 752.28	\$ -	5.54%	\$ 793.95	\$ -	4.22%	\$ 827.42	\$ -	
Total		\$ 3,028,110	\$ 3,028,110	31.20%		\$ 3,972,965	5.54%		\$ 4,193,048	4.22%		\$ 4,369,786	
						\$ -							
Hydrants (Excluding Providence)	3,318	\$ 454.02	\$ 1,506,438	31.20%	\$ 595.68	\$ 1,976,466	5.54%	\$ 628.68	\$ 2,085,953	4.22%	\$ 655.18	\$ 2,173,876	
Total Fire Protection Charge Revenue			\$4,534,548.24			\$5,949,431.40			\$6,279,000.88			\$6,543,661.66	

Total Rate Revenues		\$ 71,256,053			\$ 83,501,619			\$ 87,852,209		\$ 91,289,567
Miscellaneous Revenues		\$ 1,493,163			\$ 1,543,163			\$ 1,543,163		\$ 1,543,163
Total Revenues		\$ 72,749,216	16.90%		\$ 85,044,782	5.12%		\$ 89,395,372	3.85%	\$ 92,832,730

Schedule HJS Settlement-23: Comparison of Revenues by Customer Class

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

	FY 2021			FY 2022			FY 2023		
	Existing Rates	Proposed Rates	% Change	Existing Rates	Proposed Rates	% Change	Existing Rates	Proposed Rates	% Change
Retail									
Monthly Service Charge	\$ 7,662,995	\$ 10,056,362	31.2%	\$ 10,056,362	\$ 10,613,435	5.5%	\$ 10,613,435	\$ 11,060,793	4.2%
East Smithfield Debt Surcharge	\$ 82,451	\$ 82,451	0.0%	\$ 82,451	\$ 82,451	0.0%	\$ 82,451	\$ 82,451	0.0%
Periodic FPSC	\$ 1,434,918	\$ 1,885,959	31.4%	\$ 1,885,959	\$ 1,990,432	5.5%	\$ 1,990,432	\$ 2,074,329	4.2%
Volume Charge									
Residential	\$ 28,572,187	\$ 30,931,512	8.3%	\$ 30,931,512	\$ 32,644,967	5.5%	\$ 32,644,967	\$ 34,020,957	4.2%
Commercial	\$ 13,026,286	\$ 15,596,785	19.7%	\$ 15,596,785	\$ 16,460,771	5.5%	\$ 16,460,771	\$ 17,154,595	4.2%
Industrial	\$ 593,192	\$ 657,397	10.8%	\$ 657,397	\$ 693,814	5.5%	\$ 693,814	\$ 723,058	4.2%
Total Retail	\$ 51,372,030	\$ 59,210,467	15.3%	\$ 59,210,467	\$ 62,485,870	5.5%	\$ 62,485,870	\$ 65,116,183	4.2%
Wholesale									
Bristol County	\$ 2,019,323	\$ 2,412,973	19.5%	\$ 2,412,973	\$ 2,511,063	4.1%	\$ 2,511,063	\$ 2,582,418	2.8%
East Providence	\$ 2,462,307	\$ 2,942,312	19.5%	\$ 2,942,312	\$ 3,061,922	4.1%	\$ 3,061,922	\$ 3,148,929	2.8%
Greenville	\$ 569,415	\$ 680,418	19.5%	\$ 680,418	\$ 708,078	4.1%	\$ 708,078	\$ 728,199	2.8%
Kent County	\$ 3,683,989	\$ 4,402,151	19.5%	\$ 4,402,151	\$ 4,581,104	4.1%	\$ 4,581,104	\$ 4,711,281	2.8%
Lincoln	\$ 1,402,499	\$ 1,675,904	19.5%	\$ 1,675,904	\$ 1,744,032	4.1%	\$ 1,744,032	\$ 1,793,591	2.8%
Smithfield	\$ 528,996	\$ 632,120	19.5%	\$ 632,120	\$ 657,816	4.1%	\$ 657,816	\$ 676,509	2.8%
Warwick	\$ 4,682,944	\$ 5,595,843	19.5%	\$ 5,595,843	\$ 5,823,322	4.1%	\$ 5,823,322	\$ 5,988,797	2.8%
Total Wholesale	\$ 15,349,475	\$ 18,341,721	19.5%	\$ 18,341,721	\$ 19,087,338	4.1%	\$ 19,087,338	\$ 19,629,722	2.8%
Fire Protection									
Private Fire Protection	\$ 3,028,110	\$ 3,972,965	31.2%	\$ 3,972,965	\$ 4,193,048	5.5%	\$ 4,193,048	\$ 4,369,786	4.2%
Public Fire Protection	\$ 1,506,438	\$ 1,976,466	31.2%	\$ 1,976,466	\$ 2,085,953	5.5%	\$ 2,085,953	\$ 2,173,876	4.2%
Total Fire Protection	\$ 4,534,548	\$ 5,949,431	31.2%	\$ 5,949,431	\$ 6,279,001	5.5%	\$ 6,279,001	\$ 6,543,662	4.2%
Total Rate Revenues	\$ 71,256,053	\$ 83,501,619	17.2%	\$ 83,501,619	\$ 87,852,209	5.2%	\$ 87,852,209	\$ 91,289,567	3.9%
Miscellaneous Revenues	\$ 1,493,163	\$ 1,543,163		\$ 1,543,163	\$ 1,543,163		\$ 1,543,163	\$ 1,543,163	
Total Revenues	\$ 72,749,216	\$ 85,044,782	16.9%	\$ 85,044,782	\$ 89,395,372	5.1%	\$ 89,395,372	\$ 92,832,730	3.8%

Schedule HJS Settlement-24: Revenue Proof

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

	FY 2021	FY 2022	FY 2023
Net Operations & Maintenance Expense	\$ 39,832,472	\$ 40,842,099	\$ 41,944,291
Capital Expense	\$ 35,017,000	\$ 37,967,000	\$ 39,917,000
City Services Expense	\$ 839,167	\$ 839,167	\$ 839,167
Property Taxes Expense	\$ 7,629,145	\$ 7,934,311	\$ 8,251,684
Total Expenses Allocated	\$ 83,317,784	\$ 87,582,577	\$ 90,952,141
plus: Net Operating Revenue	\$ 1,635,492	\$ 1,720,788	\$ 1,788,180
Net Revenue Requirement	\$ 84,953,277	\$ 89,303,365	\$ 92,740,321
Retail			
Monthly Service Charge	\$ 10,056,362	\$ 10,613,435	\$ 11,060,793
East Smithfield Debt Surcharge	\$ 82,451	\$ 82,451	\$ 82,451
Retail FPSC	\$ 1,885,959	\$ 1,990,432	\$ 2,074,329
Volume Charge			
Residential	\$ 30,931,512	\$ 32,644,967	\$ 34,020,957
Commercial	\$ 15,596,785	\$ 16,460,771	\$ 17,154,595
Industrial	\$ 657,397	\$ 693,814	\$ 723,058
Total Retail	\$ 59,210,467	\$ 62,485,870	\$ 65,116,183
Wholesale			
Bristol County	\$ 2,412,973	\$ 2,511,063	\$ 2,582,418
East Providence	\$ 2,942,312	\$ 3,061,922	\$ 3,148,929
Greenville	\$ 680,418	\$ 708,078	\$ 728,199
Kent County	\$ 4,402,151	\$ 4,581,104	\$ 4,711,281
Lincoln	\$ 1,675,904	\$ 1,744,032	\$ 1,793,591
Smithfield	\$ 632,120	\$ 657,816	\$ 676,509
Warwick	\$ 5,595,843	\$ 5,823,322	\$ 5,988,797
Total Wholesale	\$ 18,341,721	\$ 19,087,338	\$ 19,629,722
Fire Protection			
Private Fire Protection	\$ 3,972,965	\$ 4,193,048	\$ 4,369,786
Public Fire Protection	\$ 1,976,466	\$ 2,085,953	\$ 2,173,876
Total Fire Protection	\$ 5,949,431	\$ 6,279,001	\$ 6,543,662
Total Rate Revenues	\$ 83,501,619	\$ 87,852,209	\$ 91,289,567
Miscellaneous Revenues	\$ 1,543,163	\$ 1,543,163	\$ 1,543,163
Total Revenues	\$ 85,044,782	\$ 89,395,372	\$ 92,832,730
Variance Due to Rounding	\$ 9,054	\$ 9,555	\$ 9,958

Schedule HJS Settlement-25: Comparison of Typical Bill Impacts

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Confidential Settlement Proposal
Test Year Ending June 30, 2019
Rate Years Ending June 30, 2021 through 2023

	FY 2021			FY 2022			FY 2023		
	Existing	Proposed	% Change	Existing	Proposed	% Change	Existing	Proposed	Change
Residential - (5/8" Meter, 100 HCF)									
Service Charge	\$ 90.72	\$ 119.04	31.2%	\$ 119.04	\$ 125.63	5.5%	\$ 125.63	\$ 130.93	4.2%
Volume Charge	\$ 340.30	\$ 368.40	8.3%	\$ 368.40	\$ 388.81	5.5%	\$ 388.81	\$ 405.20	4.2%
Total	\$ 431.02	\$ 487.44	13.1%	\$ 487.44	\$ 514.44	5.5%	\$ 514.44	\$ 536.13	4.2%
Commercial - (2" Meter, 2,000 HCF)									
Service Charge	\$ 201.12	\$ 263.88	31.2%	\$ 263.88	\$ 278.50	5.5%	\$ 278.50	\$ 290.24	4.2%
Volume Charge	\$ 6,446.00	7,718.00	19.7%	7,718.00	8,145.54	5.5%	8,145.54	8,488.88	4.2%
Total	\$ 6,647.12	\$ 7,981.88	20.1%	\$ 7,981.88	\$ 8,424.04	5.5%	\$ 8,424.04	\$ 8,779.11	4.2%
Industrial - (6" Meter, 10,000 HCF)									
Service Charge	\$ 1,253.64	\$ 1,644.84	31.2%	\$ 1,644.84	\$ 1,735.96	5.5%	\$ 1,735.96	\$ 1,809.13	4.2%
Volume Charge	\$ 31,690.00	\$ 35,120.00	10.8%	\$ 35,120.00	\$ 37,065.48	5.5%	\$ 37,065.48	\$ 38,627.79	4.2%
Total	\$ 32,943.64	\$ 36,764.84	11.6%	\$ 36,764.84	\$ 38,801.43	5.5%	\$ 38,801.43	\$ 40,436.92	4.2%

PROPOSED TARIFFS

PROVIDENCE WATER SUPPLY BOARD TARIFF

Replaces Tariff
February 17, 2017

Effective: _____, 2020

RI Public Utilities Commission Docket No.

TARIFF SCHEDULES

Schedule

- | | |
|---|---|
| A | Service Charges – Retail |
| B | Metered Sales – Retail |
| C | Bulk Sales to Public Authorities for Resale |
| D | Public Fire Protection |
| E | Private Fire Service |
| F | Miscellaneous Charges |

PROPOSED TARIFFS

SCHEDULE A

Providence Water Supply Board Service Charges Retail

Rhode Island Public Utilities Commission Docket No.

Effective: _____, 2020

Applicability

Applicable to all metered customers for industrial, commercial, and residential use, exclusive of fire service connection, in the Providence Water Supply Board service area.

Rates

For each service connected to the Providence Water Supply Board mains, the following customer service charges shall apply:

<u>Size of Meter</u>	<u>Monthly</u>
5/8"	\$9.92
3/4	10.57
1	12.47
1 1/2	15.00
2	21.99
3	73.49
4	92.57
6	137.07
8	187.92
10	234.01
12	280.10

However, for each Providence Water service connected in the City of Providence the following additional Fire Protection service charge shall apply to Providence ratepayers:

<u>Size of Meter</u>	<u>Monthly</u>
5/8"	\$1.82
3/4	2.72
1	6.76
1 1/2	18.03
2	43.25
3	117.11
4	198.18
6	405.37
8	612.56
10	936.86
12	1,549.41

Terms of Payment All customer service charges are billed monthly and are due and payable when rendered. Interest at a rate of 1% per month will be charged on unpaid account balances over 30 days from the due date.

PROPOSED TARIFFS

SCHEDULE B

Providence Water Supply Board Metered Sales Retail

Rhode Island Public Utilities Commission Docket No.

Effective: _____, 2020

Applicability

Applicable to all general metered water service in the Providence Water Supply Board service area.

Rates

For all quantities used, except for bulk sales to public authorities for resale, the following rates per HCF shall apply:

Monthly Accounts

Residential	\$3.684
Commercial	\$3.859
Industrial	\$3.512

East Smithfield Water District

Applicable to the former customers of the East Smithfield Water District, the following Debt Service Surcharge will apply:

East Smithfield Surcharge \$0.35 per HCF

Terms of Payment

All metered sales bills are rendered in arrears monthly and are due and payable in full when rendered.

Interest at a rate of 1% per month will be charged on unpaid account balances over 30 days from the due date.

PROPOSED TARIFFS

SCHEDULE C

Providence Water Supply Board Bulk Sales to Public Authorities for Resale

Rhode Island Public Utilities Commission Docket No.

Effective: _____, 2020

Applicability

Applicable to all public authorities in the Providence Water Supply Board service area purchasing water for resale.

Rates-Volume Charge

\$2,158.02 per million gallons, or
\$1.614196 per HCF

Terms of Payment

All bills for bulk sales are rendered monthly in arrears and are due and payable in full when rendered.

Interest at a rate of 1% per month will be charged on unpaid account balances over 30 days from the due date.

PROPOSED TARIFFS

SCHEDULE D

Providence Water Supply Board Public Fire Protection

Rhode Island Public Utilities Commission Docket No.

Effective: _____, 2020

Applicability

Applicable to all service to public fire hydrants in the Providence Water Supply Board service area.

Rates

For each hydrant Annual Amount: \$595.68

For each hydrant billed Quarterly: \$148.92

For each hydrant in Providence, as allowed by statute: \$0

Terms of Payment

All bills for public fire service are rendered quarterly and are due and payable in full when rendered.

Interest at a rate of 1% per month will be charged on unpaid account balances over 30 days from the due date.

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PROPOSED TARIFFS

SCHEDULE E

Providence Water Supply Board Private Fire Service

Rhode Island Public Utilities Commission Docket No.

Effective: _____, 2020

Applicability

Applicable for service to private fire protection appliances owned and maintained by the customer in the Providence Water Supply service area.

Rates

For each fire service connection to the Providence Water Supply Board mains, the following charges shall apply:

<u>Size of Meter</u>	<u>Monthly</u>
$\frac{3}{4}$	\$11.34
1	13.40
1 $\frac{1}{2}$	16.50
2	24.46
4	104.53
6	170.42
8	258.11
10	359.57
12	482.35
16	752.28

Terms of Payment

All bills for private fire services are rendered monthly and are due and payable in full when rendered.

Interest at a rate of 1% per month will be charged on unpaid account balances over 30 days from the due date.

PROPOSED TARIFFS

**SCHEDULE F
PROVIDENCE WATER
TERMS & CONDITIONS
SERVICE FEE SCHEDULE
(effective January 2, 2020)
page 1 of 2**

NOTE: All applicants must complete financial arrangements prior to services being rendered. Applicants are responsible for obtaining and paying for all permits and any additional fees.

SERVICE	FEE
PHOTOCOPYING	
Distribution Sheet	\$ 3.00/copy
Letter or Legal Size Document	\$.15/copy
LIEN CERTIFICATE	\$ 6.00
RETURNED CHECK FEE	\$ 20.00
PLAN CHECKING/WATER AVAILABILITY REVIEW	\$ 57.00/hour
EASEMENT/ABANDONMENT REQUEST	\$ 50.00/hour
FIRE HYDRANT FLOW TEST	\$ 118.00
NEW WATER SERVICE INSTALLATION - BASIC	
1" Water Service	\$1,673.00
1 ½" Water Service	2,596.00
2" Water Service	2,931.00
4" Water Service	3,700.00
6" Water Service	3,998.00

NEW WATER SERVICE INSTALLATION - SPECIAL CIRCUMSTANCES

All services greater than 6" will be installed and charged on a time and materials basis, consistent with the methodology used in computing the above service charges. **Notwithstanding the above schedule**, any sites where special circumstances may be encountered (ie. ledge, special fittings, routing around other utilities) will also be charged on a time and materials basis. The average time rate for all manpower and equipment (including overhead) averages approximately \$400/hr.

PAVEMENT/SIDEWALK RESTORATION CHARGES

Applicants are responsible for all *actual* road and/or sidewalk restoration charges, as the charge varies with the size of the excavation and the pavement thickness. For illustrative purposes, on average, the charge is approximately \$300 for pavement restoration and \$75 for sidewalk restoration.

PROPOSED TARIFFS

**SCHEDULE F
PROVIDENCE WATER
TERMS & CONDITIONS
SERVICE FEE SCHEDULE
(effective January 2, 2020)
page 1 of 2**

SERVICE	FEE
POLICE DETAILS	
If the work being performed presents a safety hazard and it is necessary to employ police details for traffic control, the applicant will be responsible for such costs at the then-current rate of the respective Town or City.	
NEW WATER METER INSTALLATION - INCLUDING ERT	
5/8" Meter	\$ 184.00
3/4" Meter	230.00
1" Meter	266.00
1 1/2" Meter	457.00
2" Meter	545.00
All meters greater than 2" will be charged on an actual time and materials basis.	
NEW ERT - ALL METER SIZES	\$ 70.00
(Applies only to existing ERT's that are lost, stolen, or damaged by customers. There is no charge to retro-fit an existing meter to AMR technology.)	
SERVICE SHUTOFF FEE	\$ 64.00
SERVICE RESTORATION FEE	\$ 43.00
SPECIAL REQUESTS FOR SERVICES NOT LISTED ABOVE THAT DO NOT BENEFIT ALL CUSTOMERS	Billed at actual Cost plus overhead Rates in effect