

Settlement-12) and cost of service and rate design schedules (HJS Amended Settlement-13 through HJS Amended Settlement-25) and Schedule HJS Amended Settlement-1a Settlement Summary.

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

A. **City Services (Schedule HJS Amended 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 Amended Settlement-3a through HJS Amended 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 Amended 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. **Chemicals and Sludge (Schedules HJS Amended Settlement-8a, HJS Amended Settlement-8b and HJS Amended 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 Amended 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 Amended Settlement-11 and HJS Amended 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 Amended Settlement-1 and HJS Amended Settlement-26).** The Settling Parties agree upon the adjustments that are reflected in HJS Amended 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 \$21,850 for RY2021, \$57,559 for RY2022 and \$60,250 for RY2023.

H. **Miscellaneous Revenue and Property Tax Refund Fund (Schedule HJS Amended 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 Amended 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 Amended 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 Amended 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 Amended 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. **Power Expense.** It is agreed that PWSB’s power expense will be reduced by \$90,990 to \$1,010,123 as reflected in Schedule HJS Amended Settlement-5.

N. Including rounding differences, the Settling Parties agree to total adjustments to decrease PWSB's proposed revenue requirement for RY2021 by \$1,111,259, for RY2022 by \$2,932,454 and for RY2023 by \$3,069,563.

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, less any increased revenue from wholesale customers resulting from the implementation of gradualism in the individual wholesale rate calculation (see #7 below) 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. **Individual Wholesale Rates and Cost of Service Study.** The individual wholesale rates are set forth on Schedule HJS Amended Settlement-22.

The Settling Parties agree that PWSB shall implement individual wholesale rates in year one which will be determined by inputting the individual peaking factors used in Bristol County Water Authority's Post-Hearing brief (Exhibit 1, Schedule HJS Settlement-16) into the rate calculation contemplated in the original Settlement Agreement filed on July 3, 2020 (with the

revenue requirement modifications identified herein), but moving only one-third of the way from the original Settlement Agreement rates to the results of that calculation.

PWSB shall perform a new allocated cost of service (COSS) study and file it by February 18, 2021. Providence Water's new COSS will address the Transmission & Distribution Labor Allocation, the Central Operations Facility Allocation, and the Non-revenue Water Allocation with data that firmly supports the allocators chosen. The COSS will apply cost allocations for pumping costs and unidirectional flushing based upon the benefits received by each individual wholesale customer.

The Settling Parties agree that PWSB is granted an allowance of \$30,000 to be used for the new allocated COSS. Providence Water shall file an estimate of the final accounting of the cost of the allocated COSS at the time it files the study and shall have the right to request recovery of additional costs through an amended rate case expense, provided it presents a detailed accounting and summary of the total hours of service including a reasonably granular description of the services provided by the consultant.

The Settling Parties agree that the results of the new allocated COSS will inform the Commission's decision-making for allocating the revenue requirement to the retail rate classes and the individual wholesale customers when approving their respective rates for rate years two and three.

8. The residential retail rate is set at \$3.671 per hundred cubic feet (hcf); the commercial rate is set at \$3.847 per hcf; and the industrial rate is set at \$3.498 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 5.50% in FY 2022 and 4.22% in FY 2023. The step increases for the wholesale rates, which exclude the cost for private side lead service replacement, will be 4.02% 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 Amended 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. **Renewable Energy**. The Settling Parties agree that PWSB will follow through on its offer to study alternatives to achieving its 100% renewable energy goal. The study shall be submitted to the Commission by November 16, 2020, and PWSB shall be allowed up to \$10,000 for this purpose.

The study shall include, but not be limited to:

- a. Determination of PWSB's baseline annual electricity consumption.
- b. Determination of the quantity of RECs needed in each rate year to meet PWSB's 100% renewable energy goal. All assumptions will be explained, including the treatment of PWSB's current RES-compliant energy supply contract, RECs generated from PWSB's on-site solar facility, and RECs generated from the off-site renewable energy facility.
- c. Explanation of the time period in which PWSB wants to be considered renewable (e.g. monthly or annually).

- d. The quantity of excess RECs (derived from the answer to b) and the estimated market value.
- e. Explanation of alternatives to achieving PWSB's 100% renewable energy goals. This explanation will include descriptions of the costs (including administrative costs), benefits, and risks of each alternative. Alternatives considered will include purchasing new and/or existing RECs through an updated or new energy supply contract, and participating in the anticipated municipal aggregation with the City of Providence.
- f. Justification of PWSB's recommended approach to meeting its 100% renewable energy goals.
- g. Provide a revised revenue requirement for electric supply procurement based on the recommended approach in f. Two scenarios will be assumed 1) RY1 rates are updated on January 1, 2021, or 2) revenue requirement is updated for RY 2.

17. **Employee Vacancies.** PWSB's request for funding for employee vacancies is agreed to, subject to the Commission's right to review PWSB's success in filling these vacancies and further reserving the Commission's right to order PWSB to credit ratepayers for any unused funds for rate year one related to these vacancies and to further modify funding for vacancies in rate year two.

18. **Johnston Solar Facility.** It is agreed that the Commission may continue discovery in Docket 4994 with respect to the sizing of PWSB's Johnston solar facility, and that National Grid may be issued discovery questions but will not be joined as a party to this proceeding.

19. **Johnston Water System.** The wholesale rate as determined in Docket No. 4618 for the Johnston Water System will remain in effect until Providence Water acquires the Johnston Water System. In the event that the acquisition does not occur, Providence Water shall calculate an individual wholesale rate consistent with the approach required by the Public Utilities Commission for the calculation of individual wholesale rates in Docket No. 4994.

20. This Amended 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

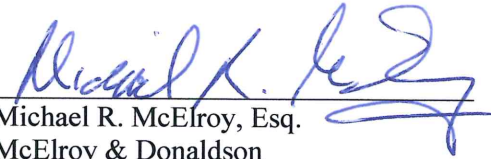
to any matter of fact or law addressed in the Amended Settlement Agreement in any future Division or Commission proceedings, and no party, by executing this Amended Settlement, is bound by any of the positions taken in this Amended Settlement on any issue is to be construed as a precedent in any future Division or Commission proceedings, nor shall it be cited as precedent.

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

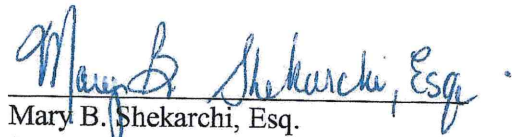
22. The Settling Parties attest that this Amended Settlement is reasonable, in the public interest, and in accordance with law and regulatory policy.

Executed this 15th day of August, 2020.

Providence Water Supply Board
By its attorney,


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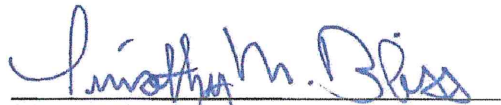
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By its attorney,

A handwritten signature in blue ink that reads "Timothy M. Bliss". The signature is written in a cursive style and is positioned above a horizontal line.

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Schedule HJS Amended Settlement-1: Cost of Service Summary

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

	Test Year			Rate Year 1		Rate Year 2		Rate Year 3	
	Test Year FY 2019	Test Year FY 19 Adj.	Adj Test Year FY 2019	Rate Year FY 21 Adj.	Rate Year FY 2021	Rate Year FY 22 Adj.	Rate Year FY 2022	Rate Year FY 23 Adj.	Rate Year FY 2023
Revenue									
Service Charge	\$ 7,388,277	\$ 274,718	\$ 7,662,995	\$ 2,393,367	\$ 10,056,362	\$ 552,803	\$ 10,609,165	\$ 447,928	\$ 11,057,093
East Smithfield Debt Surcharge	\$ 69,152	\$ 13,299	\$ 82,451	\$ -	\$ 82,451	\$ -	\$ 82,451	\$ -	\$ 82,451
Retail Sales	\$ 40,048,230	\$ 2,143,436	\$ 42,191,666	\$ 4,833,758	\$ 47,025,424	\$ 2,585,012	\$ 49,610,436	\$ 2,094,596	\$ 51,705,032
Wholesale Sales	\$ 15,852,358	\$ (502,883)	\$ 15,349,475	\$ 3,107,042	\$ 18,456,517	\$ 741,614	\$ 19,198,131	\$ 546,124	\$ 19,744,255
Private Fire Protection	\$ 3,138,560	\$ (110,450)	\$ 3,028,110	\$ 944,855	\$ 3,972,965	\$ 218,396	\$ 4,191,361	\$ 176,963	\$ 4,368,324
Retail FPSC	\$ 1,348,721	\$ 86,197	\$ 1,434,918	\$ 451,041	\$ 1,885,959	\$ 103,672	\$ 1,989,631	\$ 84,004	\$ 2,073,635
Public Fire Protection	\$ 1,370,588	\$ 135,850	\$ 1,506,438	\$ 470,028	\$ 1,976,466	\$ 108,647	\$ 2,085,114	\$ 88,035	\$ 2,173,149
Miscellaneous Revenue	[D] \$ 1,727,024	\$ (233,861)	\$ 1,493,163	\$ 50,000	\$ 1,543,163	\$ -	\$ 1,543,163	\$ -	\$ 1,543,163
TOTAL REVENUE	\$ 70,942,910	\$ 1,806,306	\$ 72,749,216	\$ 12,250,091	\$ 84,999,307	\$ 4,310,146	\$ 89,309,453	\$ 3,437,650	\$ 92,747,102
Total Rate Revenues	\$ 69,215,886	\$ 2,040,167	\$ 71,256,053	\$ 12,200,091	\$ 83,456,144	\$ 4,310,146	\$ 87,766,290	\$ 3,437,650	\$ 91,203,939
Expenses									
Operations									
Operations and Maintenance	\$ 31,849,748	\$ 1,381,889	\$ 33,231,637	\$ 2,787,726	\$ 36,019,363	\$ 1,026,295	\$ 37,045,658	\$ 1,150,832	\$ 38,196,489
Insurance	\$ 2,027,425	\$ 274,688	\$ 2,302,113	\$ (251,057)	\$ 2,051,057	\$ -	\$ 2,051,057	\$ -	\$ 2,051,057
Chemical & Sludge	\$ 3,410,107	\$ (843,441)	\$ 2,566,667	\$ 1,033,333	\$ 3,600,000	\$ -	\$ 3,600,000	\$ -	\$ 3,600,000
City Service	\$ 839,167	\$ -	\$ 839,167	\$ -	\$ 839,167	\$ -	\$ 839,167	\$ -	\$ 839,167
Property Taxes	\$ 7,094,018	\$ -	\$ 7,094,018	\$ 535,128	\$ 7,629,145	\$ 305,166	\$ 7,934,311	\$ 317,372	\$ 8,251,684
Capital Reimbursement	\$ (1,815,587)	\$ -	\$ (1,815,587)	\$ (73,350)	\$ (1,888,937)	\$ (56,668)	\$ (1,945,605)	\$ (48,640)	\$ (1,994,245)
Net Operations	[B] \$ 43,404,877	\$ 813,137	\$ 44,218,014	\$ 4,031,780	\$ 48,249,794	\$ 1,274,793	\$ 49,524,587	\$ 1,419,564	\$ 50,944,151
Capital									
Capital Fund	\$ 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
IFR Fund	\$ 27,300,000	\$ -	\$ 27,300,000	\$ 2,000,000	\$ 29,300,000	\$ 2,000,000	\$ 31,300,000	\$ 1,000,000	\$ 32,300,000
Meter Replacement Fund	\$ 500,000	\$ -	\$ 500,000	\$ 500,000	\$ 1,000,000	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000
Vehicle/Equipment Fund	\$ 600,000	\$ -	\$ 600,000	\$ 950,000	\$ 1,550,000	\$ (50,000)	\$ 1,500,000	\$ (50,000)	\$ 1,450,000
Lead Service Replacement Fund	\$ 250,000	\$ -	\$ 250,000	\$ 750,000	\$ 1,000,000	\$ 1,000,000	\$ 2,000,000	\$ 1,000,000	\$ 3,000,000
E. Smithfield Debt Service	\$ 69,152	\$ 13,299	\$ 82,451	\$ -	\$ 82,451	\$ -	\$ 82,451	\$ -	\$ 82,451
Revenue Reserve Fund ⁽¹⁾	[C] \$ 362,119	\$ 5,590	\$ 367,709	\$ 40,909	\$ 408,618	\$ 21,124	\$ 429,742	\$ 16,848	\$ 446,590
Capital	[A] \$ 31,248,271	\$ 18,890	\$ 31,267,161	\$ 4,240,909	\$ 35,508,070	\$ 2,971,124	\$ 38,479,194	\$ 1,966,848	\$ 40,446,041
TOTAL EXPENSES	\$ 74,653,148	\$ 832,027	\$ 75,485,175	\$ 8,272,689	\$ 83,757,864	\$ 4,245,917	\$ 88,003,781	\$ 3,386,412	\$ 91,390,192
Operating Reserve (Unrestricted) ⁽²⁾	\$ 1,087,423	\$ 15,705	\$ 1,103,128	\$ 122,727	\$ 1,225,854	\$ 63,372	\$ 1,289,226	\$ 50,543	\$ 1,339,770
Total Incl. Reserves	\$ 75,740,571	\$ 847,732	\$ 76,588,302	\$ 8,395,416	\$ 84,983,718	\$ 4,309,289	\$ 89,293,007	\$ 3,436,955	\$ 92,729,962
Net Revenue Requirement			\$ 75,095,139		\$ 83,440,555		\$ 87,749,844		\$ 91,186,799
Revenues Over (Under) Expenses⁽³⁾	\$ (4,797,661)		\$ (3,839,086)		\$ 15,589		\$ 16,446		\$ 17,140
Total Increase to Break-Even ⁽⁴⁾					16.82%		5.07%		3.85%
Rate Revenue Increase to Break-Even⁽⁵⁾					17.59%		5.17%		3.92%
Notes:					Step Increase (Wholesale)⁽⁶⁾		4.02%		2.84%
					Step Increase (Retail)⁽⁷⁾		5.50%		4.22%

(1) Revenue Reserve is ((A+B)-C)-(D))* .005
(2) Operating Reserve is ((A+B)-C)-(D))* .015
(3) Slight revenue surplus due to rounding
(4) Based on Total Revenues
(5) Rate Revenues Only, Excludes East Smithfield
(6) **Excludes** increase to Lead Service Replacement Fund
(7) **Includes** increase to Lead Service Replacement Fund

Schedule HJS Amended Settlement-1a: Settlement Summary

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Amended 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)	\$ (226,096)	\$ 10,609,165	\$ 11,511,512	\$ 454,122	\$ (676,251)	\$ (226,096)	\$ (6,194)	\$ 11,057,093
East Smithfield Debt Surcharge	\$ 82,451	\$ -	\$ 82,451	\$ 82,451	\$ -	\$ -	\$ -	\$ 82,451	\$ 82,451	\$ -	\$ -	\$ -	\$ -	\$ 82,451
Retail Sales	\$ 47,777,226	\$ (751,802)	\$ 47,025,424	\$ 47,777,226	\$ 3,467,345	\$ (751,802)	\$ (882,332)	\$ 49,610,436	\$ 51,244,570	\$ 2,021,568	\$ (751,802)	\$ (882,332)	\$ 73,028	\$ 51,705,032
Wholesale Sales	\$ 18,521,968	\$ (65,451)	\$ 18,456,517	\$ 18,521,968	\$ 1,344,198	\$ (65,451)	\$ (602,584)	\$ 19,198,131	\$ 19,866,166	\$ 783,708	\$ (65,451)	\$ (602,584)	\$ (237,585)	\$ 19,744,255
Private Fire Protection	\$ 3,633,806	\$ 339,159	\$ 3,972,965	\$ 3,633,806	\$ 263,717	\$ 339,159	\$ (45,321)	\$ 4,191,361	\$ 3,897,522	\$ 153,755	\$ 339,159	\$ (45,321)	\$ 23,208	\$ 4,368,324
Retail FPSC	\$ 2,011,593	\$ (125,634)	\$ 1,885,959	\$ 2,011,593	\$ 145,988	\$ (125,634)	\$ (42,316)	\$ 1,989,631	\$ 2,157,580	\$ 85,115	\$ (125,634)	\$ (42,316)	\$ (1,111)	\$ 2,073,635
Public Fire Protection	\$ 1,807,746	\$ 168,720	\$ 1,976,466	\$ 1,807,746	\$ 131,194	\$ 168,720	\$ (22,546)	\$ 2,085,114	\$ 1,938,940	\$ 76,490	\$ 168,720	\$ (22,546)	\$ 11,545	\$ 2,173,149
Miscellaneous Revenue	[D] \$ 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	\$ (932,841)	\$ 84,999,307	\$ 85,932,149	\$ 6,131,341	\$ (932,841)	\$ (1,821,195)	\$ 89,309,453	\$ 92,063,489	\$ 3,574,759	\$ (932,841)	\$ (1,821,195)	\$ (137,109)	\$ 92,747,102
Total Rate Revenues	\$ 84,567,403	\$ (1,111,259)	\$ 83,456,144	\$ 84,567,403	\$ 6,131,341	\$ (1,111,259)	\$ (1,821,195)	\$ 87,766,290	\$ 90,698,743	\$ 3,574,759	\$ (1,111,259)	\$ (1,821,195)	\$ (137,109)	\$ 91,203,939
Expenses														
Operations														
Operations and Maintenance	\$ 36,530,853	\$ (511,490)	\$ 36,019,363	\$ 36,530,853	\$ 1,011,731	\$ (511,490)	\$ 14,564	\$ 37,045,658	\$ 37,542,583	\$ 1,235,414	\$ (511,490)	\$ 14,564	\$ (84,583)	\$ 38,196,489
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	[B] \$ 49,863,867	\$ (1,614,073)	\$ 48,249,794	\$ 49,863,867	\$ 1,260,228	\$ (1,614,073)	\$ 14,564	\$ 49,524,587	\$ 51,124,096	\$ 1,504,147	\$ (1,614,073)	\$ 14,564	\$ (84,583)	\$ 50,944,151
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⁾	[C] \$ 414,081	\$ (5,462)	\$ 408,618	\$ 414,081	\$ 30,051	\$ (5,462)	\$ (8,927)	\$ 429,742	\$ 444,132	\$ 17,521	\$ (5,462)	\$ (8,927)	\$ (673)	\$ 446,590
Capital	[A] \$ 34,813,532	\$ 694,538	\$ 35,508,070	\$ 34,813,532	\$ 4,780,051	\$ 694,538	\$ (1,808,927)	\$ 38,479,194	\$ 39,593,583	\$ 2,017,521	\$ 694,538	\$ (1,808,927)	\$ (50,673)	\$ 40,446,041
TOTAL EXPENSES	\$ 84,677,400	\$ (919,536)	\$ 83,757,864	\$ 84,677,400	\$ 6,040,280	\$ (919,536)	\$ (1,794,363)	\$ 88,003,781	\$ 90,717,679	\$ 3,521,667	\$ (919,536)	\$ (1,794,363)	\$ (135,256)	\$ 91,390,192
Operating Reserve (Unrestricted) ⁽²⁾	\$ 1,242,242	\$ (16,387)	\$ 1,225,854	\$ 1,242,242	\$ 90,153	\$ (16,387)	\$ (26,782)	\$ 1,289,226	\$ 1,332,395	\$ 52,562	\$ (16,387)	\$ (26,782)	\$ (2,019)	\$ 1,339,770
Total Incl. Reserves	\$ 85,919,641	\$ (935,923)	\$ 84,983,718	\$ 85,919,641	\$ 6,130,433	\$ (935,923)	\$ (1,821,144)	\$ 89,293,007	\$ 92,050,074	\$ 3,574,230	\$ (935,923)	\$ (1,821,144)	\$ (137,274)	\$ 92,729,962
Net Revenue Requirement	\$ 84,554,896	\$ (1,114,340)	\$ 83,440,555	\$ 84,554,896	\$ 6,130,433	\$ (1,114,340)	\$ (1,821,144)	\$ 87,749,844	\$ 90,685,328	\$ 3,574,230	\$ (1,114,340)	\$ (1,821,144)	\$ (137,274)	\$ 91,186,799
														\$ 4,309,289
														\$ 3,436,955
Revenues Over (Under) Expenses⁽³⁾			\$ 15,589							\$ 16,446				\$ 17,140

	RY 2021	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	O&M Total
PUC Assessment	\$ 17,315	\$ 17,315	\$ 9,702	\$ 9,702	\$ 9,702	\$ (8,916)	\$ 786
Labor Cost	\$ (278,128)	\$ (278,128)	\$ (9,961)	\$ (288,089)	\$ (288,089)	\$ (8,860)	\$ (296,949)
Payroll Tax	\$ (21,277)	\$ (21,277)	\$ (762)	\$ (22,039)	\$ (22,039)	\$ (677)	\$ (22,716)
Payroll Tax (Impact of Prior Year)	\$ -	\$ -	\$ (638)	\$ (638)	\$ (638)	\$ (567)	\$ (1,205)
General Inflation	\$ (78,411)	\$ (78,411)	\$ 14,201	\$ (64,210)	\$ (64,210)	\$ (1,351)	\$ (65,562)
General Inflation (Impact of Prior Year)	\$ -	\$ -	\$ (78,411)	\$ (78,411)	\$ (78,411)	\$ (64,211)	\$ (142,622)
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	\$ 37,750
Reduction in Power Expense per PUC	\$ (90,990)	\$ (90,990)	\$ -	\$ (90,990)	\$ (90,990)	\$ -	\$ (90,990)
Increase for REC Study per PUC	\$ 10,000	\$ 10,000	\$ (10,000)	\$ -	\$ -	\$ -	\$ -
Increase for Individual Wholesale Rate Study per PUC	\$ 30,000	\$ 30,000	\$ (30,000)	\$ -	\$ -	\$ -	\$ -
Total Adjustments¹	\$ (511,491)	\$ (511,491)	\$ 14,565	\$ (496,926)	\$ (496,926)	\$ (84,583)	\$ (581,508)
1- The \$1 difference is due to rounding	\$ (1)	\$ (1)	\$ 1	\$ (0)	\$ (0)	\$ 0	\$ 0

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

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Amended 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 Amended Settlement-2: Pro-Forma Revenue Under Existing Rates

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Amended 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 Amended Settlement-3a: Adjustments to Salaries and Wages

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Amended 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 Amended Settlement-3b: Adjustments to Salaries and Wages

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Amended 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	\$ 2,508,045	\$ 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 Amended Settlement-4a: Adjustments to Pensions and Other Benefits

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Amended 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 Amended Settlement-4b: Adjustment to Pension and Other Benefits

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Amended 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	Note FY 19 Adj.	Rate Year FY 21 Adj. 1	Note FY 21 Adj. 2	Rate Year FY 21 Adj. 2	Note FY 21 CPI	Rate Year FY 2021	Rate Year FY 22 Adj. 1	Note FY 22 Adj. 2	Rate Year FY 22 Adj. 2	Note FY 22 CPI	Rate Year FY 2022	Rate Year FY 23 Adj. 1	Note FY 23 Adj. 2	Rate Year FY 23 Adj. 2	Note FY 23 CPI	Rate Year FY 2023		
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 Amended Settlement-5: Adjustments to Purchased Power Expense

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Amended 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	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	\$ (106)		\$ -	\$ 794	\$ (5)	1	\$ -	\$ 790	\$ (4)	1	\$ -	\$ 785
Total Source of Supply		\$ 1,475	\$ -		\$ 1,475	\$ (574)		\$ (106)	\$ -	\$ 794	\$ (5)		\$ -	\$ 790	\$ (4)		\$ -	\$ 785	
Pumping																			
61523	Fuel or Power Purchase -PPO	\$ 858,210			\$ 858,210	\$ (331,568)	1	\$ (61,182)		\$ -	\$ 465,460	\$ (2,599)	1	\$ -	\$ 462,861	\$ (2,586)	1	\$ -	\$ 460,275
Total Water Treatment		\$ 858,210	\$ -		\$ 858,210	\$ (331,568)		\$ (61,182)	\$ -	\$ 465,460	\$ (2,599)		\$ -	\$ 462,861	\$ (2,586)		\$ -	\$ 460,275	
Water Treatment																			
61530	Purchased Power-WTO	\$ 251,952			\$ 251,952	\$ (98,129)	1	\$ (18,107)		\$ -	\$ 135,715	\$ (769)	1	\$ -	\$ 134,946	\$ (765)	1	\$ -	\$ 134,181
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)		\$ (18,107)	\$ -	\$ 336,063	\$ (769)		\$ -	\$ 335,294	\$ (765)		\$ -	\$ 334,528	
Transmission + Dist. Expense:																			
61550	Power Purchased-T&DO	\$ 19,556			\$ 19,556	\$ (7,617)	1	\$ (1,405)		\$ -	\$ 10,534	\$ (60)	1	\$ -	\$ 10,474	\$ (59)	1	\$ -	\$ 10,415
Total Transmission + Dist. Expense		\$ 19,556	\$ -		\$ 19,556	\$ (7,617)		\$ (1,405)	\$ -	\$ 10,534	\$ (60)		\$ -	\$ 10,474	\$ (59)		\$ -	\$ 10,415	
Administrative and General																			
61580	Purchased Power-A&GO	\$ 262,680			\$ 262,680	\$ (55,218)	1	\$ (10,189)		\$ -	\$ 197,272	\$ (433)	1	\$ -	\$ 196,840	\$ (431)	1	\$ -	\$ 196,409
61680	Fuel Or Power Purchased-A&GO	\$ -			\$ -					\$ -	\$ -			\$ -	\$ -			\$ -	\$ -
Total Administrative and General		\$ 262,680	\$ -		\$ 262,680	\$ (55,218)		\$ (10,189)	\$ -	\$ 197,272	\$ (433)		\$ -	\$ 196,840	\$ (431)		\$ -	\$ 196,409	
Total Power Expense		\$ 1,594,220	\$ -		\$ 1,594,220	\$ (493,106)		\$ (90,990)	\$ -	\$ 1,010,123	\$ (3,865)		\$ -	\$ 1,006,258	\$ (3,846)		\$ -	\$ 1,002,413	

(1) Anticipated Reductions in Electric Costs Associated with Solar Generation
 (2) Per Commission Decision at 8/18/2020 open meeting. Reduce power expense by \$90,990 to \$1,010,123 adjustment proportionate reductions associated with Solar Generation (see Note 1)

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

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Amended 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 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 Accty-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 Amended Settlement-7: Adjustment to Regulatory and Rate Case Expense

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Amended 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
REC Study per PUC 8/18 Decision		8	\$ 10,000		\$ -		\$ -
Ind. Wholesale Rt Stdy per PUC 8/18 Decision		8	\$ 30,000		\$ -		\$ -
Rate Year Expenses			\$ 575,550		\$ 579,065		\$ 609,472
Test Year			\$ 486,386		\$ 575,550		\$ 579,065
Rate Year Adjustment			\$ 89,164		\$ 3,515		\$ 30,407
Original Adjustment			\$ 49,164		\$ 43,515		\$ 30,407
Increment for REC and Wholesale Studies		8	\$ 40,000		\$ (40,000)		\$ -

- (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
- (8) per 8/18//20 Decision, RY 2021 only.

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

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Amended 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 Amended Settlement-8b: Adjustment to Chemicals and Sludge Maintenance Fund

Providence Water Supply Board

Docket # 4994

Request for General Rate Relief

Amended 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 Amended Settlement-9: Adjustment to Property Taxes

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Amended 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 Amended Settlement-10a: Restricted Funds - Capital Fund

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Amended 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 Amended Settlement-10b: Restricted Funds - Western Cranston Fund

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Amended 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 Amended Settlement-10c: Restricted Funds - IFR Fund

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Amended 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 Amended Settlement-10d: Restricted Funds - AMR/Meter Replacement Fund

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Amended 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 Amended Settlement-10e: Restricted Funds - Equipment/Vehicle Replacement Fund

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Amended 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 Amended Settlement-10f: Restricted Funds - Insurance Fund

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Amended 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 Amended Settlement-10g: Restricted Funds - Chemicals and Sludge Maintenance Fund

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Amended 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 Amended Settlement-10h: Restricted Funds - Property Tax Refund Fund

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Amended 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 Amended Settlement-10i: Restricted Funds - Private Side Lead Service Replacement

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Amended 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 Amended Settlement-10j: Restricted Funds - Revenue Reserve Fund

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Amended 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			\$ 46,499	\$ 67,623	\$ 84,471
Interest Revenue	40,706	-	-	-	-
Carryover funds from prior year estimated	\$ 5,147,770	\$ 271,784	\$ 386,024	\$ 794,642	\$ 1,224,384
Total Sources	\$ 5,550,596	\$ 633,903	\$ 794,642	\$ 1,224,384	\$ 1,670,974
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	 \$ 794,642	 \$ 1,224,384	 \$ 1,670,974

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 Amended Settlement-11: Inflation Adjustment

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Amended 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 Amended Settlement-12: Rate Year Revenue Requirements

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Amended 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	\$ (106)	5	\$ -	\$ 794	\$ (5)	5	\$ -	5	\$ -	\$ 790	\$ (4)	5	\$ -	5	\$ -	\$ 785
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	\$ (23,981)	\$ -	\$ -	\$ 2,343,243	\$ 86,846	\$ (855)	\$ -	\$ -	\$ 2,429,234	\$ 82,725	\$ (761)	\$ -	\$ -	\$ 2,511,198			
Pumping Expenses																							
61523	Fuel or Power Purchase -PPO	\$ 858,210	\$ -	5	\$ 858,210	\$ (331,568)	5	\$ (61,182)	5	\$ -	\$ 465,460	\$ (2,599)	5	\$ -	5	\$ -	\$ 462,861	\$ (2,586)	5	\$ -	5	\$ -	\$ 460,275
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)	\$ (61,182)	\$ -	\$ -	\$ 479,276	\$ (2,599)	\$ -	\$ -	\$ -	\$ 476,677	\$ (2,586)	\$ -	\$ -	\$ -	\$ 474,091			

Schedule HJS Amended Settlement-12: Rate Year Revenue Requirements

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Amended 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	\$ -	\$ -
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	\$ (10,189)	5	\$ -	\$ 197,272	\$ (433)	5	\$ -	5	\$ -	\$ 196,840	\$ (431)	5	\$ -	5	\$ -	\$ 196,409
61680	Fuel Or Power Purchased-A&GO	\$ -	\$ -	-	\$ -	\$ -	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	\$ 40,000	7	\$ -	\$ 575,550	\$ 43,515	7	\$ (40,000)	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		\$ (183,168)		\$ -	\$ 15,284,458	\$ 275,153		\$ 93,704		\$ -	\$ 15,653,314	\$ 459,726		\$ (3,599)		\$ -	\$ 16,109,441
	Total Operation & Maintenance	\$ 30,034,161	\$ 3,197,476		\$ 33,231,637	\$ 3,238,121		\$ (450,395)		\$ -	\$ 36,019,363	\$ 939,268		\$ 87,027		\$ -	\$ 37,045,658	\$ 1,160,370		\$ (9,538)		\$ -	\$ 38,196,489

Schedule HJS Amended Settlement-12: Rate Year Revenue Requirements

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Amended 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	\$ (23,981)	\$ -	\$ 2,343,243	\$ 86,846	\$ (855)	\$ -	\$ 2,429,234	\$ 82,725	\$ (761)	\$ -	\$ 2,511,198						
Pumping		\$ 872,026	\$ -		\$ 872,026		\$ (331,568)	\$ (61,182)	\$ -	\$ 479,276	\$ (2,599)	\$ -	\$ -	\$ 476,677	\$ (2,586)	\$ -	\$ -	\$ 474,091						
Treatment		\$ 5,194,654	\$ 261,976		\$ 5,456,630		\$ 328,786	\$ (70,696)	\$ -	\$ 5,714,720	\$ 174,030	\$ (1,883)	\$ -	\$ 5,886,867	\$ 165,698	\$ (1,675)	\$ -	\$ 6,050,889						
Transmission & Distrib.		\$ 6,167,234	\$ 928,320		\$ 7,095,554		\$ 609,300	\$ (71,405)	\$ -	\$ 7,633,449	\$ 262,090	\$ (2,507)	\$ -	\$ 7,893,031	\$ 316,703	\$ (2,230)	\$ -	\$ 8,207,505						
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						
Administration & General		\$ 12,061,305	\$ 1,230,305		\$ 13,291,611		\$ 2,176,016	\$ (183,168)	\$ -	\$ 15,284,458	\$ 275,153	\$ 93,704	\$ -	\$ 15,653,314	\$ 459,726	\$ (3,599)	\$ -	\$ 16,109,441						
Total Operation & Maintenance		\$ 30,034,161	\$ 3,197,476		\$ 33,231,637		\$ 3,238,121	\$ (450,395)	\$ -	\$ 36,019,363	\$ 939,268	\$ 87,027	\$ -	\$ 37,045,658	\$ 1,160,370	\$ (9,538)	\$ -	\$ 38,196,489						
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	\$ (450,395)	\$ -	\$ 36,019,363	\$ 939,268	\$ 87,027	\$ -	\$ 37,045,658	\$ 1,160,370	\$ (9,538)	\$ -	\$ 38,196,489						
857 Insurance Fund																								
62080	Material and Supplies -A&GO	\$ 15,041	\$ -	10	\$ 15,041		\$ 1,459	10	\$ -	10	\$ 16,500	\$ -	10	\$ 16,500	\$ -	10	\$ 16,500	\$ -	10	\$ 16,500	\$ -	10	\$ 16,500	\$ 16,500
62080	Injuries and Damages	\$ 113,412	\$ -	10	\$ 113,412		\$ 111,242	10	\$ -	10	\$ 224,654	\$ (139,654)	10	\$ 85,000	\$ -	10	\$ 85,000	\$ -	10	\$ 85,000	\$ -	10	\$ 85,000	\$ 85,000
63680	Contract Services - Other A&GO	\$ -	\$ -	10	\$ -		\$ -	10	\$ -	10	\$ -	\$ -	10	\$ -	\$ -	10	\$ -	\$ -	10	\$ -	\$ -	10	\$ -	\$ -
65780 +	Ins. Gen. Liability	\$ -	\$ -		\$ -		\$ -				\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -
65980	Insurance- Other A&GO	\$ 1,119,941	\$ -	10	\$ 1,119,941		\$ 31,993	10	\$ -	10	\$ 1,151,934	\$ 22,905	10	\$ 1,174,839	\$ 23,363	10	\$ 1,198,201	\$ -	10	\$ 1,198,201	\$ -	10	\$ 1,198,201	\$ 1,198,201
65880	Insurance - W/C	\$ 774,580	\$ -	10	\$ 774,580		\$ 10,545	10	\$ -	10	\$ 785,125	\$ 9,154	10	\$ 794,279	\$ 6,286	10	\$ 800,564	\$ -	10	\$ 800,564	\$ -	10	\$ 800,564	\$ 800,564
67580	Misc. Expense	\$ 4,452	\$ -	10	\$ 4,452		\$ 200,548	10	\$ -	10	\$ 205,000	\$ (200,000)	10	\$ 5,000	\$ -	10	\$ 5,000	\$ -	10	\$ 5,000	\$ -	10	\$ 5,000	\$ 5,000
	Funding Adjustment	\$ -	\$ 274,688	10	\$ 274,688		\$ (606,845)	10	\$ -	10	\$ (332,156)	\$ 307,596	10	\$ (24,561)	\$ (29,648)	10	\$ (54,209)	\$ -	10	\$ (54,209)	\$ -	10	\$ (54,209)	\$ (54,209)
Total Insurance Fund		\$ 2,027,425	\$ 274,688		\$ 2,302,113		\$ (251,057)	\$ -	\$ -	\$ 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	\$ -	8	\$ 2,217,123	\$ 136,189	8	\$ 2,353,312	\$ 53,133	8	\$ 2,406,445	\$ -	8	\$ 2,406,445	\$ -	8	\$ 2,406,445	\$ 2,406,445
63130	Contract Services - Eng WTM	\$ 50,264	\$ -	8	\$ 50,264		\$ (50,264)	8	\$ -	8	\$ -	\$ -	8	\$ -	\$ -	8	\$ -	\$ -	8	\$ -	\$ -	8	\$ -	\$ -
63640	Contract Services - Other WTM	\$ 1,608,918	\$ -	8	\$ 1,608,918		\$ (0)	8	\$ -	8	\$ 1,608,918	\$ -	8	\$ 1,608,918	\$ -	8	\$ 1,608,918	\$ -	8	\$ 1,608,918	\$ -	8	\$ 1,608,918	\$ 1,608,918
67540	Miscellaneous Expenses - WTM	\$ -	\$ -	8	\$ -		\$ 80,000	8	\$ -	8	\$ 80,000	\$ (80,000)	8	\$ -	\$ -	8	\$ -	\$ -	8	\$ -	\$ -	8	\$ -	\$ -
	Funding Adjustment	\$ -	\$ (843,441)	8	\$ (843,441)		\$ 537,400	8	\$ -	8	\$ (306,041)	\$ (56,189.38)	8	\$ (362,230)	\$ (53,133)	8	\$ (415,363)	\$ -	8	\$ (415,363)	\$ -	8	\$ (415,363)	\$ (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						
Total O&M		\$ 37,287,280	\$ 813,137		\$ 38,100,417		\$ 4,020,397	\$ (450,395)	\$ -	\$ 41,670,419	\$ 939,268	\$ 87,027	\$ -	\$ 42,696,714	\$ 1,160,370	\$ (9,538)	\$ -	\$ 43,847,546						

Schedule HJS Amended Settlement-12: Rate Year Revenue Requirements

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Amended 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	\$ -	\$ 6,988	\$ 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		\$ (450,395)		\$ -	\$ 41,670,419	\$ 939,268		\$ -		\$ -	\$ 42,696,714	\$ 1,160,370		\$ -		\$ -	\$ 43,847,546
	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		\$ (202,545)		\$ -	\$ 48,249,794	\$ 1,187,766		\$ -		\$ -	\$ 49,524,587	\$ 1,429,102		\$ -		\$ -	\$ 50,944,151
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	\$ 40,909	1			\$ 408,618	\$ 21,124	1				\$ 429,742	\$ 16,848	1				\$ 446,590	
	Total Restricted Expenditures	\$ 31,179,119	\$ 5,590		\$ 31,184,709	\$ 4,240,909		\$ -		\$ 35,425,618	\$ 2,971,124		\$ -		\$ -	\$ 38,396,742	\$ 1,966,848		\$ -		\$ -	\$ 40,363,590	
Grand Total		\$ 74,583,996	\$ 818,727		\$ 75,402,723	\$ 8,475,235		\$ (202,545)		\$ 83,675,412	\$ 4,158,890		\$ -		\$ -	\$ 87,921,329	\$ 3,395,950		\$ -		\$ -	\$ 91,307,741	

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 Amended Settlement-13a: Allocation Factors

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Amended 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	56.57%	43.43%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
3	CTA Base, Max Day, Max Hour	33.02%	25.35%	41.63%	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%	56.57%	43.43%	0.00%	0.00%	0.00%	0.00%	100.00%
6	Retail Base, Max Day, Max Hour	0.00%	0.00%	0.00%	33.02%	25.35%	41.63%	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	28.05%	21.53%	35.36%	4.97%	3.82%	6.27%	0.00%	0.00%	0.00%	100.00%
13	As T&D Work/Service Orders	4.25%	3.26%	5.36%	6.46%	4.96%	8.15%	49.69%	0.01%	17.86%	100.00%
14	As T&D Contract Services	12.08%	9.27%	15.23%	18.23%	14.00%	22.99%	8.20%	0.00%	0.00%	100.00%
15	As Labor O&M Excl. A&G	42.68%	1.19%	1.95%	2.35%	1.81%	2.97%	18.11%	22.22%	6.72%	100.00%
16	As Non-Labor O&M Excl. A&G	23.76%	17.27%	8.86%	6.81%	5.23%	8.58%	9.80%	17.19%	2.51%	100.00%
17	As Total O&M Excl. A&G	39.00%	4.32%	3.30%	3.22%	2.47%	4.06%	16.49%	21.24%	5.90%	100.00%
18	As Pump Station Capacity	69.95%	8.21%	13.49%	2.66%	2.04%	3.35%	0.00%	0.00%	0.30%	100.00%
19	As T&D Plant Excl. M&S, Land, Structures	22.10%	16.97%	1.47%	18.45%	14.16%	23.26%	0.00%	0.00%	3.61%	100.00%
20	As Total Plant Excl. Gen. Plant	35.90%	11.87%	0.84%	10.33%	7.94%	13.03%	17.97%	0.00%	2.12%	100.00%
21	As Total Plant Excl. Land, COF	27.81%	13.37%	0.94%	11.64%	8.94%	14.67%	20.30%	0.00%	2.33%	100.00%
22	As Central Operations Facility Square Footage	18.19%	6.90%	4.72%	12.00%	6.88%	11.30%	27.19%	7.15%	5.66%	100.00%
23	As Total Insurance Before Adjustment	31.78%	10.45%	5.93%	4.92%	3.78%	6.20%	13.32%	19.32%	4.29%	100.00%
24	As Total Chemicals Before Adjustment	80.94%	18.78%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.28%	100.00%
25	As Total Revenue Requirement Before Reserve:	40.93%	8.42%	2.13%	6.02%	4.62%	7.58%	15.93%	10.79%	3.58%	100.00%
26	As Retail Req. Excl. Bad Debt	0.00%	0.00%	0.00%	12.24%	9.39%	15.41%	33.21%	22.46%	7.29%	100.00%
27	As Total Plant Excl. Land	26.98%	12.82%	1.27%	11.67%	8.76%	14.38%	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	50,462	-	116,182
	Allocation Factor (%)	56.57%	43.43%	0.00%	100.00%
3	CTA Base, Max Day, Max Hour				
	System Demand (Ccf/Day)	65,720	50,462	82,860	199,042
	Allocation Factor (%)	33.02%	25.35%	41.63%	100.00%
4	100% Retail Base	100.00%			100.00%
5	Retail Base, Max Day	56.57%	43.43%	0.00%	100.00%
6	Retail Base, Max Day, Max Hour	33.02%	25.35%	41.63%	100.00%

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

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Amended 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	\$ 106,020	\$ 81,405	\$ 133,671	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bath Street	28.9	\$ 212,118	3	\$ 70,037	\$ 53,777	\$ 88,304	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Aqueduct	11.5	\$ 182,312	3	\$ 60,196	\$ 46,220	\$ 75,896	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fruit Hill	4.3	\$ 39,175	6	\$ -	\$ -	\$ -	\$ 12,935	\$ 9,932	\$ 16,309	\$ -	\$ -	\$ -	\$ -
Alpine Estates	1.7	\$ 3,637	6	\$ -	\$ -	\$ -	\$ 1,201	\$ 922	\$ 1,514	\$ -	\$ -	\$ -	\$ -
Cranston	3.8	\$ 17,420	6	\$ -	\$ -	\$ -	\$ 5,752	\$ 4,416	\$ 7,252	\$ -	\$ -	\$ -	\$ -
Dean Estates	5.1	\$ 31,886	6	\$ -	\$ -	\$ -	\$ 10,528	\$ 8,084	\$ 13,274	\$ -	\$ -	\$ -	\$ -
Greenville	2.5	\$ 23,469	6	\$ -	\$ -	\$ -	\$ 7,749	\$ 5,950	\$ 9,770	\$ -	\$ -	\$ -	\$ -
Ashby Street	1.4	\$ -	6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structure "D" PS	8.0	\$ 7,048	3	\$ 2,327	\$ 1,787	\$ 2,934	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Waltham	2.7	\$ 12,502	6	\$ -	\$ -	\$ -	\$ 4,128	\$ 3,170	\$ 5,205	\$ -	\$ -	\$ -	\$ -
Totals	108.7	\$ 850,664		\$ 238,580	\$ 183,189	\$ 300,804	\$ 42,293	\$ 32,474	\$ 53,323	\$ -	\$ -	\$ -	\$ -

Factor 12 - As Pump Station Electric Costs	28.05%	21.53%	35.36%	4.97%	3.82%	6.27%	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	4.74%	3.64%	5.98%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Bath Street	28.9	10.77%	3	3.56%	2.73%	4.48%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Aqueduct	11.5	4.29%	3	1.42%	1.09%	1.78%	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%	0.53%	0.41%	0.67%	0.00%	0.00%	0.00%	0.00%
Alpine Estates	1.7	0.65%	6	0.00%	0.00%	0.00%	0.21%	0.16%	0.27%	0.00%	0.00%	0.00%	0.00%
Cranston	3.8	1.43%	6	0.00%	0.00%	0.00%	0.47%	0.36%	0.59%	0.00%	0.00%	0.00%	0.00%
Dean Estates	5.1	1.90%	6	0.00%	0.00%	0.00%	0.63%	0.48%	0.79%	0.00%	0.00%	0.00%	0.00%
Greenville	2.5	0.94%	6	0.00%	0.00%	0.00%	0.31%	0.24%	0.39%	0.00%	0.00%	0.00%	0.00%
Ashby Street	1.4	0.54%	6	0.00%	0.00%	0.00%	0.18%	0.14%	0.22%	0.00%	0.00%	0.00%	0.00%
Structure "D" PS	8.0	2.98%	3	0.98%	0.75%	1.24%	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%	0.33%	0.25%	0.41%	0.00%	0.00%	0.00%	0.00%
Totals	268.7	100.00%		69.95%	8.21%	13.49%	2.66%	2.04%	3.35%	0.00%	0.00%	0.00%	0.30%

Factor 18 - As Pump Station Capacity	69.95%	8.21%	13.49%	2.66%	2.04%	3.35%	0.00%	0.00%	0.30%
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Schedule HJS Amended Settlement-13c: Pipe Length/Inch-Miles

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Amended 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 Amended Settlement-13d: T&D Labor Allocation (Factor 13)

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Amended 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 - 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	\$ 758	\$ 582	\$ 956	\$ 1,153	\$ 885	\$ 1,453	\$ 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	\$ 98,304	\$ 75,480	\$ 123,942	\$ 148,419	\$ 113,960	\$ 187,128	\$ -	\$ -	\$ -	\$ -
Valve - Adjust Gate Box	2019	\$ 5,989	39.84%	60.16%	\$ 2,386	\$ 3,603	3	6	\$ 788	\$ 605	\$ 993	\$ 1,190	\$ 913	\$ 1,500	\$ -	\$ -	\$ -	\$ -
Valve - Check / Inspect	2019	\$ 5,836	39.84%	60.16%	\$ 2,325	\$ 3,510	3	6	\$ 788	\$ 589	\$ 968	\$ 1,159	\$ 890	\$ 1,461	\$ -	\$ -	\$ -	\$ -
Valve - Install	2019	\$ 17,734	39.84%	60.16%	\$ 7,066	\$ 10,668	3	6	\$ 2,333	\$ 1,791	\$ 2,941	\$ 3,522	\$ 2,705	\$ 4,441	\$ -	\$ -	\$ -	\$ -
Valve - Install - TD	2019	\$ 13,701	39.84%	60.16%	\$ 5,459	\$ 8,242	3	6	\$ 1,802	\$ 1,384	\$ 2,272	\$ 2,721	\$ 2,089	\$ 3,431	\$ -	\$ -	\$ -	\$ -
Valve - Locate	2019	\$ 741	39.84%	60.16%	\$ 295	\$ 446	3	6	\$ 98	\$ 75	\$ 123	\$ 147	\$ 113	\$ 186	\$ -	\$ -	\$ -	\$ -
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	\$ 891	\$ 684	\$ 1,124	\$ 1,345	\$ 1,033	\$ 1,696	\$ -	\$ -	\$ -	\$ -
Valve - Remove - TD	2019	\$ 755	39.84%	60.16%	\$ 301	\$ 454	3	6	\$ 99	\$ 76	\$ 125	\$ 150	\$ 115	\$ 189	\$ -	\$ -	\$ -	\$ -
Valve - Repair / Repack	2019	\$ 28,008	39.84%	60.16%	\$ 11,160	\$ 16,849	3	6	\$ 3,685	\$ 2,829	\$ 4,646	\$ 5,563	\$ 4,272	\$ 7,014	\$ -	\$ -	\$ -	\$ -
Valve - Replace Box Cover	2019	\$ 2,329	39.84%	60.16%	\$ 928	\$ 1,401	3	6	\$ 306	\$ 235	\$ 386	\$ 463	\$ 355	\$ 583	\$ -	\$ -	\$ -	\$ -
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	\$ 15,198	\$ 11,670	\$ 19,162	\$ 22,946	\$ 17,619	\$ 28,931	\$ -	\$ -	\$ -	\$ -
DigSafe - Pre-Mark	2019	\$ 398	39.84%	60.16%	\$ 158	\$ 239	3	6	\$ 52	\$ 40	\$ 66	\$ 79	\$ 61	\$ 100	\$ -	\$ -	\$ -	\$ -
Leak Detection	2019	\$ 477	39.84%	60.16%	\$ 190	\$ 287	3	6	\$ 63	\$ 48	\$ 79	\$ 95	\$ 73	\$ 119	\$ -	\$ -	\$ -	\$ -
Miscellaneous Work	2019	\$ 2,630	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ 112	\$ 86	\$ 141	\$ 170	\$ 130	\$ 214	\$ 1,307	\$ 0	\$ 470	
Report Leak	2019	\$ 9,774	39.84%	60.16%	\$ 3,895	\$ 5,880	3	6	\$ 1,286	\$ 987	\$ 1,621	\$ 1,941	\$ 1,491	\$ 2,448	\$ -	\$ -	\$ -	\$ -
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	\$ 19	\$ 14	\$ 24	\$ 28	\$ 22	\$ 36	\$ -	\$ -	\$ -	\$ -
Trench - Check	2019	\$ 5,914	39.84%	60.16%	\$ 2,356	\$ 3,558	3	6	\$ 778	\$ 597	\$ 981	\$ 1,175	\$ 902	\$ 1,481	\$ -	\$ -	\$ -	\$ -
Water Pressure	2019	\$ 279	39.84%	60.16%	\$ 111	\$ 168	3	6	\$ 37	\$ 28	\$ 46	\$ 55	\$ 43	\$ 70	\$ -	\$ -	\$ -	\$ -
Water Quality Issue	2019	\$ 47	39.84%	60.16%	\$ 19	\$ 28	3	6	\$ 6	\$ 5	\$ 8	\$ 9	\$ 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	\$ 685	\$ 526	\$ 864	\$ 1,035	\$ 794	\$ 1,304	\$ -	\$ -	\$ -	\$ -
DigSafe - Freeform	2019	\$ 107	39.84%	60.16%	\$ 43	\$ 65	3	6	\$ 14	\$ 11	\$ 18	\$ 21	\$ 16	\$ 27	\$ -	\$ -	\$ -	\$ -
DigSafe - Regular	2019	\$ 1,128	39.84%	60.16%	\$ 449	\$ 678	3	6	\$ 148	\$ 114	\$ 187	\$ 224	\$ 172	\$ 282	\$ -	\$ -	\$ -	\$ -
DigSafe - Violation	2019	\$ -	39.84%	60.16%	\$ -	\$ -	3	6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3-Year Total (Direct Allocations)									\$6,223,596	\$264,515	\$203,103	\$333,503	\$402,055	\$308,710	\$506,915	\$3,092,737	\$321	\$1,111,735
Indirect Allocation %									100.00%	4.25%	3.26%	5.36%	6.46%	4.96%	8.15%	49.69%	0.01%	17.86%
3-Year Total (All Allocations)									\$6,255,138	\$ 265,856	\$ 204,132	\$ 335,193	\$ 404,093	\$ 310,275	\$ 509,484	\$ 3,108,412	\$ 323	\$ 1,117,370
Factor 13 - As T&D Work/Service Orders									100.00%	4.25%	3.26%	5.36%	6.46%	4.96%	8.15%	49.69%	0.01%	17.86%

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

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Amended 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	\$ 3,080	\$ 2,365	\$ 3,883	\$ 4,650	\$ 3,570	\$ 5,862	\$ 2,091	\$ -	\$ -
Markouts/Dig Safe	2017	\$ 31,727	39.84%	60.16%	\$ 12,641	\$ 19,086	3	6	\$ 4,174	\$ 3,205	\$ 5,262	\$ 6,302	\$ 4,839	\$ 7,945	\$ -	\$ -	\$ -
Switchboard Monitoring	2017	\$ 2,929	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ 354	\$ 272	\$ 446	\$ 534	\$ 410	\$ 673	\$ 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	\$ 22,908	\$ 17,590	\$ 28,883	\$ 34,587	\$ 26,557	\$ 43,608	\$ -	\$ -	\$ -
T&D Contractor	2017	\$ 47,871	39.84%	60.16%	\$ 19,074	\$ 28,797	3	6	\$ 6,298	\$ 4,836	\$ 7,940	\$ 9,508	\$ 7,301	\$ 11,988	\$ -	\$ -	\$ -
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	\$ 77,689	\$ 59,652	\$ 97,951	\$ 117,295	\$ 90,063	\$ 147,887	\$ -	\$ -	\$ -
Telephone	2017	\$ 8,719	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ 1,053	\$ 809	\$ 1,328	\$ 1,590	\$ 1,221	\$ 2,004	\$ 715	\$ -	\$ -
Uniforms	2018	\$ 7,100	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ 857	\$ 658	\$ 1,081	\$ 1,295	\$ 994	\$ 1,632	\$ 582	\$ -	\$ -
Markouts/Dig Safe	2018	\$ 32,903	39.84%	60.16%	\$ 13,110	\$ 19,793	3	6	\$ 4,329	\$ 3,324	\$ 5,458	\$ 6,535	\$ 5,018	\$ 8,240	\$ -	\$ -	\$ -
Switchboard Monitoring	2018	\$ 3,373	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ 407	\$ 313	\$ 514	\$ 615	\$ 472	\$ 776	\$ 277	\$ -	\$ -
Police Details	2018	\$ 124,242	39.84%	60.16%	\$ 49,503	\$ 74,739	3	6	\$ 16,345	\$ 12,550	\$ 20,608	\$ 24,677	\$ 18,948	\$ 31,114	\$ -	\$ -	\$ -
T&D Contractor	2018	\$ 143,850	39.84%	60.16%	\$ 57,315	\$ 86,535	3	6	\$ 18,924	\$ 14,531	\$ 23,860	\$ 28,572	\$ 21,939	\$ 36,024	\$ -	\$ -	\$ -
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	\$ 70,808	\$ 54,368	\$ 89,275	\$ 106,905	\$ 82,085	\$ 134,787	\$ -	\$ -	\$ -
Telephone	2018	\$ 10,860	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ 1,312	\$ 1,007	\$ 1,654	\$ 1,980	\$ 1,520	\$ 2,497	\$ 890	\$ -	\$ -
Markouts/Dig Safe	2019	\$ 31,113	39.84%	60.16%	\$ 12,396	\$ 18,716	3	6	\$ 4,093	\$ 3,143	\$ 5,161	\$ 6,180	\$ 4,745	\$ 7,791	\$ -	\$ -	\$ -
Switchboard Monitoring	2019	\$ 3,000	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ 362	\$ 278	\$ 457	\$ 547	\$ 420	\$ 690	\$ 246	\$ -	\$ -
Police Details	2019	\$ 150,299	39.84%	60.16%	\$ 59,885	\$ 90,414	3	6	\$ 19,773	\$ 15,182	\$ 24,930	\$ 29,853	\$ 22,922	\$ 37,639	\$ -	\$ -	\$ -
T&D Contractor	2019	\$ 120,574	39.84%	60.16%	\$ 48,041	\$ 72,533	3	6	\$ 15,862	\$ 12,180	\$ 19,999	\$ 23,949	\$ 18,389	\$ 30,195	\$ -	\$ -	\$ -
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	\$ 81,691	\$ 62,725	\$ 102,997	\$ 123,337	\$ 94,702	\$ 155,504	\$ -	\$ -	\$ -
Misc. Expenses	2019	\$ 9,767	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	\$ 1,180	\$ 906	\$ 1,487	\$ 1,781	\$ 1,367	\$ 2,245	\$ 801	\$ -	\$ -
3-Year Total (Direct Allocations)								\$2,839,230	\$342,893	\$263,284	\$432,323	\$517,701	\$397,506	\$652,722	\$232,800	\$0	\$0
Indirect Allocation %								100.00%	12.08%	9.27%	15.23%	18.23%	14.00%	22.99%	8.20%	0.00%	0.00%
3-Year Total								\$2,910,479	\$ 351,498	\$ 269,891	\$ 443,172	\$ 530,692	\$ 407,482	\$ 669,102	\$ 238,642	\$ -	\$ -
Factor 14 - As T&D Contract Services								100.00%	12.08%	9.27%	15.23%	18.23%	14.00%	22.99%	8.20%	0.00%	0.00%

Schedule HJS Amended 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
 Amended 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	94	36	24	62	36	58	140	37	29	
1ST FLOOR / COMMON SPACE / Area 731 SF	731	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	133	50	34	88	50	83	199	52	41	
1ST FLOOR / COMMON SPACE / Area 1637 SF	1,637	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	298	113	77	197	113	185	445	117	93	
1ST FLOOR / COMMON SPACE / Area 10280 SF	10,280	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	1,870	709	485	1,234	708	1,162	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	1,397	530	362	922	529	868	2,088	549	435	
1ST FLOOR / BOARD ROOM / Area 1041 SF	1,041	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	189	72	49	125	72	118	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	4,672	2,247	158	1,956	1,502	2,466	3,412	-	391	
1ST FLOOR / FINANCE / Area 7232 SF	7,232	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	1,315	499	341	868	498	817	1,966	517	409	
1ST FLOOR / IT/ Area 6771 SF	6,771	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	1,232	467	319	813	466	765	1,841	484	383	
1ST FLOOR / SECURITY / Area 5731 SF	5,731	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	1,042	395	270	688	395	648	1,558	410	324	
1ST FLOOR / T&D / Area 14683 SF	14,683	100.00%	100.00%	14,683	14,683	13	13	624	479	787	949	728	1,196	7,297	1	2,623	
1ST FLOOR / CENTRAL RECORDS / Area 5731 SF	5,731	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	1,042	395	270	688	395	648	1,558	410	324	
1ST FLOOR / PARKING GARAGE / Area 43924 SF	43,924	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	7,989	3,029	2,072	5,272	3,024	4,965	11,942	3,143	2,487	
1ST FLOOR / WAREHOUSE & STORAGE/ Area 1177 SF	1,177	39.84%	60.16%	469	708	3	6	155	119	195	234	180	295	-	-	-	
1ST FLOOR / WAREHOUSE & STORAGE / Area 2777 SF	2,777	39.84%	60.16%	1,106	1,671	3	6	365	281	461	552	424	695	-	-	-	
1ST FLOOR / WAREHOUSE & STORAGE / Area 5550 SF	5,550	39.84%	60.16%	2,211	3,339	3	6	730	561	921	1,102	846	1,390	-	-	-	
2ND FLOOR - AREA 'H' COMMON SPACE / Area 772 SF	772	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	140	53	36	93	53	87	210	55	44	
2ND FLOOR - AREA 'H' COMMON SPACE / Area 3019 SF	3,019	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	549	208	142	362	208	341	821	216	171	
2ND FLOOR - AREA 'H' COMMON SPACE / Area 3946 SF	3,946	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	718	272	186	474	272	446	1,073	282	223	
2ND FLOOR - AREA 'H' DINING/CAFETERIA / Area 4575 SF	4,575	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	832	316	216	549	315	517	1,244	327	259	
2ND FLOOR - AREA 'H' FUTURE SPACE / Area 237 SF	237	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	43	16	11	28	16	27	64	17	13	
2ND FLOOR - AREA 'H' FUTURE SPACE / Area 540 SF	540	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	98	37	25	65	37	61	147	39	31	
2ND FLOOR - AREA 'H' FUTURE SPACE / Area 981 SF	981	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	178	68	46	118	68	111	267	70	56	
2ND FLOOR - GM/EXUCTIVE MANAGEMENT / Area 2491 SF	2,491	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	453	172	118	299	171	282	677	178	141	
2ND FLOOR - HUMAN RESOURCES (1)/ Area 1169 SF	1,169	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	213	81	55	140	80	132	318	84	66	
2ND FLOOR - HUMAN RESOURCES (2) / Area 2632 SF	2,632	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	479	182	124	316	181	298	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	9,722	3,686	2,522	6,416	3,679	6,042	14,532	3,824	3,026
Indirect Allocation %								100.00%	18.19%	6.90%	4.72%	12.00%	6.88%	11.30%	27.19%	7.15%	5.66%
Total (Direct Allocations)								165,085	30,027	11,386	7,788	19,816	11,365	18,661	44,883	11,811	9,347
Factor 22 - As Central Operations Facility Square Footage								100.00%	18.19%	6.90%	4.72%	12.00%	6.88%	11.30%	27.19%	7.15%	5.66%

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

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Amended 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	\$ 794	\$ 790	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4
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			\$ 2,343,243	\$ 2,331,527	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,716
			<i>Check</i>	\$ -									
Pumping Expenses													
61523	Fuel or Power Purchase -PPO	12	\$ 465,460	\$ 130,545	\$ 100,236	\$ 164,592	\$ 23,141	\$ 17,769	\$ 29,177	\$ -	\$ -	\$ -	\$ -
63523	Contractual Service Other-PPO	12	\$ 13,816	\$ 3,875	\$ 2,975	\$ 4,885	\$ 687	\$ 527	\$ 866	\$ -	\$ -	\$ -	\$ -
Total Pumping Expenses			\$ 479,276	\$ 134,419	\$ 103,211	\$ 169,477	\$ 23,828	\$ 18,296	\$ 30,043	\$ -	\$ -	\$ -	\$ -

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

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Amended 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	\$ 135,715	\$ 76,769	\$ 58,946	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
61540	Power Purchased -WTM	2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
61630	Fuel for Purchased Power-WTO	2	\$ 200,347	\$ 113,330	\$ 87,018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
62030	Material and Supplies -WTO	2	\$ 217,299	\$ 122,919	\$ 94,381	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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	\$ 193,118	\$ 148,282	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
63640	Contractual Service Other-WTM	2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
64230	Rental of Equipment -WTO	2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
64240	Rental of Equipment -WTM	2	\$ 3,799	\$ 2,149	\$ 1,650	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
65030	Transportation Expense-WTO	2	\$ 1,333	\$ 754	\$ 579	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
67530	Miscellaneous Expenses-WTO	2	\$ 204,372	\$ 115,606	\$ 88,766	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
67540	Miscellaneous Expenses - WTM	2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Treatment Expense			\$ 5,714,720	\$ 5,212,047	\$ 479,621	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,052
			<i>Check</i>	\$ -									
Transmission + Dist. Expense:													
60150	Salary + Wages -T&DO	13	\$ 569,858	\$ 24,220	\$ 18,597	\$ 30,537	\$ 36,814	\$ 28,267	\$ 46,415	\$ 283,184	\$ 29	\$ 101,795	
60160	Salary + Wages -T&DM	13	\$ 3,074,530	\$ 130,674	\$ 100,335	\$ 164,755	\$ 198,620	\$ 152,507	\$ 250,422	\$ 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	\$ 17,186	\$ 13,196	\$ 21,668	\$ 26,122	\$ 20,057	\$ 32,934	\$ 200,936	\$ 21	\$ 72,230	
60460	Employee Pension+Benefit-T&DM	13	\$ 2,034,721	\$ 86,480	\$ 66,402	\$ 109,034	\$ 131,447	\$ 100,929	\$ 165,729	\$ 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	\$ 10,534	\$ 448	\$ 344	\$ 564	\$ 681	\$ 523	\$ 858	\$ 5,235	\$ 1	\$ 1,882	
62050	Material and Supplies -T&DO	13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
62060	Material and Supplies-T&DM	13	\$ 427,364	\$ 18,164	\$ 13,947	\$ 22,901	\$ 27,608	\$ 21,199	\$ 34,809	\$ 212,373	\$ 22	\$ 76,341	
63150	Contractual Services Eng-T&DO	14	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
63160	Contractual Services Eng-T&DM	14	\$ 47,278	\$ 5,710	\$ 4,384	\$ 7,199	\$ 8,621	\$ 6,619	\$ 10,869	\$ 3,876	\$ -	\$ -	
63650	Contractual Service Other-T&DO	14	\$ 22,598	\$ 2,729	\$ 2,096	\$ 3,441	\$ 4,120	\$ 3,164	\$ 5,195	\$ 1,853	\$ -	\$ -	
63660	Contractual Service Other-T&DM	14	\$ 998,139	\$ 120,545	\$ 92,558	\$ 151,984	\$ 181,999	\$ 139,744	\$ 229,466	\$ 81,842	\$ -	\$ -	
65060	Transportation Expense -T&DM	13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
67550	Miscellaneous Exp -T&DO	13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
67560	Miscellaneous Exp-T&DM	13	\$ 44,079	\$ 1,873	\$ 1,438	\$ 2,362	\$ 2,848	\$ 2,186	\$ 3,590	\$ 21,904	\$ 2	\$ 7,874	
Total Transmission & Distribution			\$ 7,633,449	\$ 408,028	\$ 313,296	\$ 514,445	\$ 618,879	\$ 475,194	\$ 780,288	\$ 3,350,181	\$ 339	\$ 1,172,799	

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

Providence Water Supply Board
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 Request for General Rate Relief
 Amended 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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 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	\$ -	\$ -	\$ -	\$ 25,353	\$ 19,445	\$ 31,930	\$ 68,797	\$ 46,519	\$ 15,102	\$ -	\$ -
67570	Miscellaneous Expenses-CAO	8	\$ 640,886	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 640,886	\$ -
Total Customer Accounts			\$ 4,564,217	\$ -	\$ -	\$ -	\$ 25,353	\$ 19,445	\$ 31,930	\$ 68,797	\$ 44,035,91	\$ 15,102	\$ -	\$ -
			<i>Check</i>	\$ -										
Administrative and General														
60180	Salary+Wages -A&GO	15	\$ 6,186,714	\$ 2,640,792	\$ 73,571	\$ 120,807	\$ 145,639	\$ 111,826	\$ 183,623	\$ 1,120,302	\$ 1,374,653	\$ 415,500	\$ -	\$ -
60280	Payroll Clearing -A&GO	15	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
60480	Employee Pension+Ben-A&GO	15	\$ 4,541,580	\$ 1,938,568	\$ 54,008	\$ 88,683	\$ 106,912	\$ 82,090	\$ 134,795	\$ 822,398	\$ 1,009,114	\$ 305,013	\$ -	\$ -
60580	Overhead Rate Applied-A&GO	15	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
61580	Purchased Power-A&GO	16	\$ 197,272	\$ 46,870	\$ 34,061	\$ 17,476	\$ 13,430	\$ 10,311	\$ 16,931	\$ 19,329	\$ 33,909	\$ 4,954	\$ -	\$ -
61680	Fuel Or Power Purchased-A&GO	16	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
62080	Material and Supplies -A&GO	16	\$ 716,310	\$ 170,189	\$ 123,679	\$ 63,458	\$ 48,766	\$ 37,440	\$ 61,478	\$ 70,187	\$ 123,125	\$ 17,988	\$ -	\$ -
63180	Contractual Service Eng-A&GO	16	\$ 135,951	\$ 32,301	\$ 23,474	\$ 12,044	\$ 9,255	\$ 7,106	\$ 11,668	\$ 13,321	\$ 23,368	\$ 3,414	\$ -	\$ -
63280	Contractual Service Acctg-A&GO	16	\$ 51,615	\$ 12,263	\$ 8,912	\$ 4,573	\$ 3,514	\$ 2,698	\$ 4,430	\$ 5,057	\$ 8,872	\$ 1,296	\$ -	\$ -
63380	Contractual Service Legal-A&GO	16	\$ 73,963	\$ 17,573	\$ 12,771	\$ 6,552	\$ 5,035	\$ 3,866	\$ 6,348	\$ 7,247	\$ 12,713	\$ 1,857	\$ -	\$ -
63480	Contractual Service Mgmt fees-A&GO	16	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
63680	Contractual Service Other-A&GO	16	\$ 2,196,510	\$ 521,872	\$ 379,253	\$ 194,590	\$ 149,537	\$ 114,807	\$ 188,518	\$ 215,222	\$ 377,554	\$ 55,157	\$ -	\$ -
64280	Rental of Equipment-A&GO	16	\$ 2,686	\$ 638	\$ 464	\$ 238	\$ 183	\$ 140	\$ 231	\$ 263	\$ 462	\$ 67	\$ -	\$ -
65080	Transportation Expenses-A&GO	16	\$ 10,944	\$ 2,600	\$ 1,890	\$ 970	\$ 745	\$ 572	\$ 939	\$ 1,072	\$ 1,881	\$ 275	\$ -	\$ -
66780	Regulatory Commission Expense	16	\$ 575,550	\$ 136,746	\$ 99,375	\$ 50,988	\$ 39,183	\$ 30,083	\$ 49,397	\$ 56,394	\$ 98,930	\$ 14,453	\$ -	\$ -
67580	Miscellaneous Expenses- A&GO	16	\$ 595,362	\$ 141,453	\$ 102,796	\$ 52,743	\$ 40,532	\$ 31,118	\$ 51,098	\$ 58,336	\$ 102,336	\$ 14,950	\$ -	\$ -
Total Administration + General			\$ 15,284,458	\$ 5,661,867	\$ 914,253	\$ 613,122	\$ 562,731	\$ 432,057	\$ 709,456	\$ 2,389,130	\$ 3,166,918	\$ 834,924	\$ -	\$ -

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

Providence Water Supply Board
 Docket # 4994
 Request for General Rate Relief
 Amended 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	\$ 3,920	\$ 2,849	\$ 1,462	\$ 1,123	\$ 862	\$ 1,416	\$ 1,617	\$ 2,836	\$ 414
62080	Injuries and Damages	15	\$ 224,654	\$ 95,893	\$ 2,672	\$ 4,387	\$ 5,288	\$ 4,061	\$ 6,668	\$ 40,681	\$ 49,917	\$ 15,088
63680	Contract Services - Other A&GO	16	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
65780	Ins. Gen. Liability	16	\$ 1,151,934	\$ 273,690	\$ 198,895	\$ 102,050	\$ 78,423	\$ 60,209	\$ 98,866	\$ 112,871	\$ 198,004	\$ 28,927
65880	Insurance - W/C	15	\$ 785,125	\$ 335,130	\$ 9,337	\$ 15,331	\$ 18,482	\$ 14,191	\$ 23,303	\$ 142,172	\$ 174,450	\$ 52,729
67580	Misc. Expense	16	\$ 205,000	\$ 48,706	\$ 35,396	\$ 18,161	\$ 13,956	\$ 10,715	\$ 17,594	\$ 20,087	\$ 35,237	\$ 5,148
	Funding Adjustment	23	\$ (332,156)	\$ (105,553)	\$ (34,725)	\$ (19,706)	\$ (16,345)	\$ (12,549)	\$ (20,606)	\$ (44,241)	\$ (64,174)	\$ (14,259)
	Total Insurance Fund		\$ 2,051,057	\$ 651,786	\$ 214,423	\$ 121,685	\$ 100,928	\$ 77,489	\$ 127,241	\$ 273,186	\$ 396,271	\$ 88,047
		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	\$ 910,109	\$ 698,809	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
67540	Miscellaneous Expenses - WTM	2	\$ 80,000	\$ 45,253	\$ 34,747	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Funding Adjustment	24	\$ (306,041)	\$ (247,698)	\$ (57,475)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (869)
	Total Chemical and Sludge Maintenance Fund		\$3,600,000	\$ 2,913,702	\$ 676,081	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,217
		Check	\$ -									
TOTAL O&M			\$ 41,670,419	\$ 17,313,376	\$ 2,700,886	\$ 1,418,730	\$ 1,331,719	\$ 1,022,481	\$ 1,678,957	\$ 6,081,293	\$ 7,967,119	\$ 2,155,857

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

Providence Water Supply Board
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 Request for General Rate Relief
 Amended 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	\$ 573,865	\$ 272,625	\$ 26,935	\$ 248,217	\$ 186,329	\$ 305,961	\$ 444,432	\$ 13,064	\$ 55,571	
	Western Cranston Fund	6	\$ 40,000	\$ -	\$ -	\$ -	\$ 13,207	\$ 10,141	\$ 16,652	\$ -	\$ -	\$ -	
	IFR Fund	21	\$ 29,300,000	\$ 8,147,026	\$ 3,918,372	\$ 276,078	\$ 3,410,075	\$ 2,618,359	\$ 4,299,454	\$ 5,949,016	\$ -	\$ 681,620	
	Meter Replacement Fund	7	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	
	Vehicle/Equipment Fund	21	\$ 1,550,000	\$ 430,986	\$ 207,286	\$ 14,605	\$ 180,396	\$ 138,514	\$ 227,446	\$ 314,709	\$ -	\$ 36,058	
	Lead Service Replacement Fund	8	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	
	Revenue Reserve Fund	25	\$ 408,618	\$ 167,251	\$ 34,404	\$ 8,723	\$ 24,595	\$ 18,863	\$ 30,974	\$ 65,088	\$ 44,089	\$ 14,631	
Total Restricted Expenditures			\$ 35,425,618	\$ 9,319,128	\$ 4,432,687	\$ 326,341	\$ 3,876,490	\$ 2,972,206	\$ 4,880,486	\$ 7,773,246	\$ 1,057,153	\$ 787,881	
			<i>Check</i>	\$ -									
	City Services Expense	17	\$ 839,167	\$ 327,251	\$ 36,267	\$ 27,679	\$ 27,037	\$ 20,759	\$ 34,087	\$ 138,370	\$ 178,232	\$ 49,483	
	Capital Reimbursement	21	\$ (1,888,937)	\$ (525,229)	\$ (252,613)	\$ (17,798)	\$ (219,844)	\$ (168,803)	\$ (277,181)	\$ (383,526)	\$ -	\$ (43,943)	
TOTAL OTHER EXPENDITURES			\$ 42,004,993	\$ 16,712,150	\$ 4,216,341	\$ 336,222	\$ 3,683,684	\$ 2,824,162	\$ 4,637,393	\$ 7,528,090	\$ 1,235,385	\$ 831,567	
Gross Revenue Requirements			\$ 83,675,412	\$ 34,025,525	\$ 6,917,227	\$ 1,754,952	\$ 5,015,403	\$ 3,846,644	\$ 6,316,350	\$ 13,609,383	\$ 9,202,504	\$ 2,987,424	

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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	\$ -	\$ -	\$ -	\$ 49,340	\$ 37,842	\$ 62,138	\$ 133,885	\$ 90,532	\$ 29,389
Interest Earned		17	\$ 25,636	\$ 9,997	\$ 1,108	\$ 846	\$ 826	\$ 634	\$ 1,041	\$ 4,227	\$ 5,445	\$ 1,512
Miscellaneous State revenue		9	\$ 180,288	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90,144	\$ 90,144	\$ -
Rents from Water Properties		17	\$ 20,969	\$ 8,177	\$ 906	\$ 692	\$ 676	\$ 519	\$ 852	\$ 3,458	\$ 4,454	\$ 1,236
Flow Tests		26	\$ 7,184	\$ -	\$ -	\$ -	\$ 879	\$ 674	\$ 1,107	\$ 2,386	\$ 1,613	\$ 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	\$ -	\$ -	\$ -	\$ 20,177	\$ 15,475	\$ 25,410	\$ 54,750	\$ 37,021	\$ 12,018
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	\$ 408,124	\$ 2,014	\$ 1,537	\$ 71,898	\$ 55,144	\$ 90,549	\$ 526,644	\$ 340,614	\$ 46,639
TOTAL NET REVENUE REQUIREMENT			\$ 82,132,249	\$ 33,617,402	\$ 6,915,213	\$ 1,753,415	\$ 4,943,506	\$ 3,791,500	\$ 6,225,801	\$ 13,082,739	\$ 8,861,891	\$ 2,940,784
Labor Related O&M Excl. A&G			\$ 16,694,638	\$ 7,126,088	\$ 198,529	\$ 325,994	\$ 393,002	\$ 301,759	\$ 495,501	\$ 3,023,098	\$ 3,709,455	\$ 1,121,212
Factor 15 - As Labor O&M Excl. A&G			100.00%	42.68%	1.19%	1.95%	2.35%	1.81%	2.97%	18.11%	22.22%	6.72%
Non-Labor Related O&M Excl. A&G			\$ 4,040,267	\$ 959,933	\$ 697,599	\$ 357,929	\$ 275,058	\$ 211,176	\$ 346,760	\$ 395,880	\$ 694,475	\$ 101,457
Factor 16 - As Non-Labor O&M Excl. A&G			100.00%	23.76%	17.27%	8.86%	6.81%	5.23%	8.58%	9.80%	17.19%	2.51%
Total O&M Excl. A&G			\$ 20,734,904	\$ 8,086,021	\$ 896,128	\$ 683,923	\$ 668,060	\$ 512,935	\$ 842,261	\$ 3,418,978	\$ 4,403,930	\$ 1,222,669
Factor 17 - As Total O&M Excl. A&G			100.00%	39.00%	4.32%	3.30%	3.22%	2.47%	4.06%	16.49%	21.24%	5.90%
Total Insurance Excluding Funding Adjustment			\$ 2,383,213	\$ 757,339	\$ 249,147	\$ 141,391	\$ 117,273	\$ 90,038	\$ 147,847	\$ 317,427	\$ 460,444	\$ 102,306
Factor 23 - As Total Ins. Excl Adj.			100.00%	31.78%	10.45%	5.93%	4.92%	3.78%	6.20%	13.32%	19.32%	4.29%
Total Chemicals Excluding Funding Adjustment			\$ 3,906,041	\$ 3,161,399	\$ 733,556	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,086
Factor 24 - As Total Chemicals Excl Adj.			100.00%	80.94%	18.78%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.28%
Total Net Revenue Requirement (Excl. Reserves)			\$ 81,723,631	\$ 33,450,151	\$ 6,880,809	\$ 1,744,691	\$ 4,918,911	\$ 3,772,636	\$ 6,194,827	\$ 13,017,651	\$ 8,817,802	\$ 2,926,154
Factor 25 - As Net Revenue Requirement			100.00%	40.93%	8.42%	2.13%	6.02%	4.62%	7.58%	15.93%	10.79%	3.58%
Retail Revenue Requirement (Excl. Bad Debt)			\$ 40,770,562				\$ 4,990,050	\$ 3,827,199	\$ 6,284,420	\$ 13,540,587	\$ 9,155,985	\$ 2,972,322
Factor 26 - As Retail Req. Excl. Bad Debt			100.00%	0.00%	0.00%	0.00%	12.24%	9.39%	15.41%	33.21%	22.46%	7.29%

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

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Amended 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	\$ 39,781,482	\$ 16,788,146	\$ 2,448,273	\$ 1,400,931	\$ 1,111,876	\$ 853,679	\$ 1,401,776	\$ 5,697,767	\$ 7,967,119	\$ 2,111,914
Restricted Funds (Excluding Revenue Reserve)	\$ 35,017,000	\$ 9,151,877	\$ 4,398,283	\$ 317,618	\$ 3,851,896	\$ 2,953,343	\$ 4,849,512	\$ 7,708,157	\$ 1,013,064	\$ 773,250
City Services Expense	\$ 839,167	\$ 327,251	\$ 36,267	\$ 27,679	\$ 27,037	\$ 20,759	\$ 34,087	\$ 138,370	\$ 178,232	\$ 49,483
Property Taxes Expense	\$ 7,629,145	\$ 7,591,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 38,146
Total Expenses Allocated	\$ 83,266,794	\$ 33,858,275	\$ 6,882,823	\$ 1,746,228	\$ 4,990,809	\$ 3,827,781	\$ 6,285,376	\$ 13,544,295	\$ 9,158,415	\$ 2,972,793
Less: Miscellaneous Revenues	\$ (1,543,163)	\$ (408,124)	\$ (2,014)	\$ (1,537)	\$ (71,898)	\$ (55,144)	\$ (90,549)	\$ (526,644)	\$ (340,614)	\$ (46,639)
Plus: Net Operating Revenue Allowance	\$ 1,634,473	\$ 669,003	\$ 137,616	\$ 34,894	\$ 98,378	\$ 75,453	\$ 123,897	\$ 260,353	\$ 176,356	\$ 58,523
Net Revenue Requirement	\$ 83,358,104	\$ 34,119,154	\$ 7,018,425	\$ 1,779,585	\$ 5,017,289	\$ 3,848,089	\$ 6,318,723	\$ 13,278,004	\$ 8,994,158	\$ 2,984,677

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

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Amended 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 Amended Settlement-15b: Assignment of Non-Revenue Water (NRW)

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Amended 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 Amended Settlement-16a: Customer Class Units of Service

Providence Water Supply Board

Docket # 4994

Request for General Rate Relief

Amended 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														
Bristol County	1,494,845	86,344	1,581,189	4,095	1.51	6,191	2,096	4,095	1.81	7,429	1,238			
East Providence	1,822,773	105,286	1,928,059	4,994	1.67	8,317	3,323	4,994	2.76	13,797	5,480			
Greenville	421,521	24,348	445,869	1,155	2.01	2,323	1,168	1,155	3.05	3,525	1,202			
Johnston	0	-	-	-	0.00	-	-	-	0.00	-	-			
Kent County	2,727,147	157,524	2,884,671	7,472	1.42	10,638	3,166	7,472	2.18	16,260	5,622			
Lincoln	1,038,229	59,970	1,098,198	2,844	1.90	5,402	2,557	2,844	2.23	6,354	952			
Smithfield	391,600	22,619	414,220	1,073	2.17	2,328	1,255	1,073	2.56	2,747	419			
Warwick	3,466,644	200,238	3,666,883	9,498	2.40	22,752	13,254	9,498	2.81	26,693	3,941			
Wholesale	11,362,760	656,329	12,019,088	31,131	1.86	57,951	26,821	31,131	2.47	76,806	18,855	-	-	-
Grand Total	23,987,787	4,054,664	28,182,668	65,720	1.77	116,182	50,462	65,720	3.03	199,042	82,860	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
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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 Amended Settlement-16c: Customer Class Units of Service

Providence Water Supply Board
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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						
Bristol County	1,581,189	2,096	1,238			
East Providence	1,928,059	3,323	5,480			
East Smithfield	-	-	-			
Greenville	445,869	1,168	1,202			
Johnston	-	-	-			
Kent County	2,884,671	3,166	5,622			
Lincoln	1,098,198	2,557	952			
Smithfield	414,220	1,255	419			
Warwick	3,666,883	13,254	3,941			
Wholesale	12,019,088	26,821	18,855			
Grand Total	28,182,668	50,462	82,860	128,499	954,996	6,550

Schedule HJS Amended Settlement-17: Unit Cost of Service

Providence Water Supply Board
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	Common To All			Retail Only						
	Total	Base	Max Day	Max Hour	Base	Max Day	Max Hour	Meters & Services	Billing & Collection	Direct Fire
	HCF	HCF/d	HCF/d	HCF	HCF/d	HCF/d	Eq. 5/8" Mtrs.	Bills	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	
E. Smithfield	-	-	-	-	-	-	-	-	-	
Bristol County	1,581,189	2,096	1,238							
East Providence	1,928,059	3,323	5,480							
East Smithfield	-	-	-							
Greenville	445,869	1,168	1,202							
Johnston	-	-	-							
Kent County	2,884,671	3,166	5,622							
Lincoln	1,098,198	2,557	952							
Smithfield	414,220	1,255	419							
Warwick	3,666,883	13,254	3,941							
Total	28,182,668	50,462	82,860	16,163,579	23,641	64,006	128,499	954,996	6,550	
Unit Cost of Service										
O&M Expense	\$ 38,238,319	\$ 16,380,023	\$ 2,446,259	\$ 1,399,394	\$ 1,039,978	\$ 798,535	\$ 1,311,227	\$ 5,171,123	\$ 7,626,505	\$ 2,065,275
Unit Cost (\$/Unit)	\$ 0.58	\$ 48.48	\$ 16.89	\$ 0.06	\$ 33.78	\$ 20.49	\$ 40.24	\$ 7.99	\$ 315.31	
Capital Expense	\$ 35,017,000	\$ 9,151,877	\$ 4,398,283	\$ 317,618	\$ 3,851,896	\$ 2,953,343	\$ 4,849,512	\$ 7,708,157	\$ 1,013,064	\$ 773,250
Unit Cost (\$/Unit)	\$ 0.32	\$ 87.16	\$ 3.83	\$ 0.24	\$ 124.92	\$ 75.77	\$ 59.99	\$ 1.06	\$ 118.05	
City Services Expense	\$ 839,167	\$ 327,251	\$ 36,267	\$ 27,679	\$ 27,037	\$ 20,759	\$ 34,087	\$ 138,370	\$ 178,232	\$ 49,483
Unit Cost (\$/Unit)	\$ 0.01	\$ 0.72	\$ 0.33	\$ 0.00	\$ 0.88	\$ 0.53	\$ 1.08	\$ 0.19	\$ 7.55	
Property Tax Expense	\$ 7,629,145	\$ 7,591,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 38,146
Unit Cost (\$/Unit)	\$ 0.27	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5.82	
Net Operating Revenue Allowance	\$ 1,634,473	\$ 669,003	\$ 137,616	\$ 34,894	\$ 98,378	\$ 75,453	\$ 123,897	\$ 260,353	\$ 176,356	\$ 58,523
Unit Cost (\$/Unit)	\$ 0.02	\$ 2.73	\$ 0.42	\$ 0.01	\$ 3.19	\$ 1.94	\$ 2.03	\$ 0.18	\$ 8.93	
Total Cost of Service	\$ 83,358,104	\$ 34,119,154	\$ 7,018,425	\$ 1,779,585	\$ 5,017,289	\$ 3,848,089	\$ 6,318,723	\$ 13,278,004	\$ 8,994,158	\$ 2,984,677
Unit Cost (\$/Unit)	\$ 1.21	\$ 139.08	\$ 21.48	\$ 0.31	\$ 162.77	\$ 98.72	\$ 103.33	\$ 9.42	\$ 455.68	

Schedule HJS Amended Settlement-18: Customer Class Cost of Service

Providence Water Supply Board
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	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)		\$1.21	\$139.08	\$21.48	\$0.31	\$162.77	\$98.72	\$103.33	\$9.42	\$455.68
Retail Service:										
Residential Volume										
Units of Service		10,656,212	12,954	35,958	10,656,212	12,954	35,958	-	-	-
Cost of Service	\$ 24,440,997	\$ 12,900,871	\$ 1,801,741	\$ 772,258	\$ 3,307,764	\$ 2,108,587	\$ 3,549,777	\$ -	\$ -	\$ -
Commercial Volume										
Units of Service		5,129,578	7,571	18,644	5,129,578	7,571	18,644	-	-	-
Cost of Service	\$ 12,328,802	\$ 6,210,089	\$ 1,053,049	\$ 400,424	\$ 1,592,257	\$ 1,232,388	\$ 1,840,596	\$ -	\$ -	\$ -
Industrial Volume Charge										
Units of Service		237,572	228	741	237,572	228	741	-	-	-
Cost of Service	\$ 519,150	\$ 287,615	\$ 31,685	\$ 15,907	\$ 73,744	\$ 37,081	\$ 73,118	\$ -	\$ -	\$ -
Meter Service Charge										
Units of Service		-	-	-	-	-	-	88,313	931,056	-
Cost of Service	\$ 17,894,153	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,125,462	\$ 8,768,691	\$ -
Fire Protection:										
Private Fire Lines										
Units of Service		-	690	2,070	-	690	2,070	40,187	23,940	-
Cost of Service	\$ 4,834,989	\$ -	\$ 95,945	\$ 44,447	\$ -	\$ 112,285	\$ 204,304	\$ 4,152,541	\$ 225,467	\$ -
Public Fire (Providence)										
Units of Service		69,188	1,085	3,254	69,188	1,085	3,254	-	-	3,232
Cost of Service	\$ 2,296,411	\$ 83,762	\$ 150,837	\$ 69,875	\$ 21,476	\$ 176,525	\$ 321,191	\$ -	\$ -	\$ 1,472,744
Public Fire (All Other)										
Units of Service		71,029	1,113	3,340	71,029	1,113	3,340	-	-	3,318
Cost of Service	\$ 2,357,516	\$ 85,991	\$ 154,851	\$ 71,735	\$ 22,048	\$ 181,223	\$ 329,737	\$ -	\$ -	\$ 1,511,932
East Smithfield Surcharge										
Units of Service		-	-	-	-	-	-	-	-	-
Cost of Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Wholesale Service:										
Units of Service		12,019,088	26,821	18,855	-	-	-	-	-	-
Bristol County		1,581,189	2,096	1,238	-	-	-	-	-	-
East Providence		1,928,059	3,323	5,480	-	-	-	-	-	-
East Smithfield		-	-	-	-	-	-	-	-	-
Greenville		445,869	1,168	1,202	-	-	-	-	-	-
Johnston		-	-	-	-	-	-	-	-	-
Kent County		2,884,671	3,166	5,622	-	-	-	-	-	-
Lincoln		1,098,198	2,557	952	-	-	-	-	-	-
Smithfield		414,220	1,255	419	-	-	-	-	-	-
Warwick		3,666,883	13,254	3,941	-	-	-	-	-	-
		12,019,088	26,821	18,855	-	-	-	-	-	-
Cost of Service										
Bristol County	\$ 2,232,341	\$ 1,914,256	\$ 291,503	\$ 26,582	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
East Providence	\$ 2,914,102	\$ 2,334,191	\$ 462,226	\$ 117,685	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
East Smithfield	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Greenville	\$ 728,081	\$ 539,788	\$ 162,472	\$ 25,820	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Johnston	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Kent County	\$ 4,053,440	\$ 3,492,308	\$ 440,381	\$ 120,751	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lincoln	\$ 1,705,672	\$ 1,329,526	\$ 355,694	\$ 20,452	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Smithfield	\$ 685,045	\$ 501,472	\$ 174,572	\$ 9,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Warwick	\$ 6,367,404	\$ 4,439,286	\$ 1,843,468	\$ 84,650	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ 18,686,084	\$ 14,550,827	\$ 3,730,317	\$ 404,940	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Allocated Cost of Service	\$ 83,358,104	\$ 34,119,154	\$ 7,018,425	\$ 1,779,585	\$ 5,017,289	\$ 3,848,089	\$ 6,318,723	\$ 13,278,004	\$ 8,994,158	\$ 2,984,677

Schedule HJS Amended Settlement-19: Development of Volumetric Rates

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

	Units	Residential	Commercial	Industrial	Bristol County	East Providence	East Smithfield	Greenville	Johnston	Kent County	Lincoln	Smithfield	Warwick
Unit Cost													
CTA Base	\$/HCF	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21
CTA Maximum Day	\$/HCF/d	139.08	139.08	139.08	139.08	139.08	139.08	139.08	139.08	139.08	139.08	139.08	139.08
CTA Maximum Hour	\$/HCF/d	21.48	21.48	21.48	21.48	21.48	21.48	21.48	21.48	21.48	21.48	21.48	21.48
Retail Only Base	\$/HCF	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
Retail Only Maximum Day	\$/HCF/d	162.77	162.77	162.77	162.77	162.77	162.77	162.77	162.77	162.77	162.77	162.77	162.77
Retail Only Maximum Hour	\$/HCF/d	98.72	98.72	98.72	98.72	98.72	98.72	98.72	98.72	98.72	98.72	98.72	98.72
Units													
Base	HCF	10,656,212	5,129,578	237,572	1,581,189	1,928,059	0	445,869	0	2,884,671	1,098,198	414,220	3,666,883
Maximum Day	HCF/d	12,954	7,571	228	2,096	3,323	0	1,168	0	3,166	2,557	1,255	13,254
Maximum Hour	HCF/d	35,958	18,644	741	1,238	5,480	0	1,202	0	5,622	952	419	3,941
Total Cost													
CTA Base		\$ 12,900,871	\$ 6,210,089	\$ 287,615	\$ 1,914,256	\$ 2,334,191	\$ -	\$ 539,788	\$ -	\$ 3,492,308	\$ 1,329,526	\$ 501,472	\$ 4,439,286
CTA Maximum Day		\$ 1,801,741	\$ 1,053,049	\$ 31,685	\$ 291,503	\$ 462,226	\$ -	\$ 162,472	\$ -	\$ 440,381	\$ 355,694	\$ 174,572	\$ 1,843,468
CTA Maximum Hour		\$ 772,258	\$ 400,424	\$ 15,907	\$ 26,582	\$ 117,685	\$ -	\$ 25,820	\$ -	\$ 120,751	\$ 20,452	\$ 9,000	\$ 84,650
Retail Only Base		\$ 3,307,764	\$ 1,592,257	\$ 73,744	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retail Only Maximum Day		\$ 2,108,587	\$ 1,232,388	\$ 37,081	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retail Only Maximum Hour		\$ 3,549,777	\$ 1,840,596	\$ 73,118	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PLUS:													
Retail Service Charge Costs		\$ 5,138,917	\$ 2,592,230	\$ 109,156	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retail Fire Protection Costs		\$ 271,224	\$ 136,814	\$ 5,761	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Private Fire Line Costs		\$ 565,013	\$ 285,010	\$ 12,001	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Public Fire Costs		\$ 249,759	\$ 125,986	\$ 5,305	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Rate Year Revenue Requirement		\$ 30,665,910	\$ 15,468,842	\$ 651,374	\$ 2,232,341	\$ 2,914,102	\$ -	\$ 728,081	\$ -	\$ 4,053,440	\$ 1,705,672	\$ 685,045	\$ 6,367,404
Rate Year Sales	HCF	8,396,176	4,041,665	187,186	1,494,845	1,822,773	0	421,521	0	2,727,147	1,038,229	391,600	3,466,644
Volumetric Rate Build-Up													
Base	\$/HCF	\$ 1.930478	\$ 1.930478	\$ 1.930478	\$ 1.280572	\$ 1.280572	\$ -	\$ 1.280572	\$ -	\$ 1.280572	\$ 1.280572	\$ 1.280572	\$ 1.280572
Maximum Day	\$/HCF	\$ 0.465727	\$ 0.565469	\$ 0.367372	\$ 0.195005	\$ 0.253584	\$ -	\$ 0.385442	\$ -	\$ 0.161480	\$ 0.342597	\$ 0.445793	\$ 0.531773
Maximum Hour	\$/HCF	\$ 0.514762	\$ 0.554479	\$ 0.475597	\$ 0.017783	\$ 0.064563	\$ -	\$ 0.061255	\$ -	\$ 0.044278	\$ 0.019699	\$ 0.022983	\$ 0.024418
Service Charge	\$/HCF	\$ 0.612055	\$ 0.641377	\$ 0.583140	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retail Fire	\$/HCF	\$ 0.032303	\$ 0.033851	\$ 0.030777	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Private Fire	\$/HCF	\$ 0.067294	\$ 0.070518	\$ 0.064115	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Public Fire	\$/HCF	\$ 0.029747	\$ 0.031172	\$ 0.028341	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$/HCF	\$ 3.652366	\$ 3.827344	\$ 3.479820	\$ 1.493360	\$ 1.598719	\$ -	\$ 1.727269	\$ -	\$ 1.486330	\$ 1.642868	\$ 1.749347	\$ 1.836763
Rounded	\$/HCF	\$ 3.653000	\$ 3.828000	\$ 3.480000	\$ 1.493360	\$ 1.598720	\$ -	\$ 1.727270	\$ -	\$ 1.486330	\$ 1.642868	\$ 1.749347	\$ 1.836764
Revenues		\$ 30,671,231	\$ 15,471,494	\$ 651,407	\$ 2,232,342	\$ 2,914,103	\$ -	\$ 728,081	\$ -	\$ 4,053,441	\$ 1,705,673	\$ 685,045	\$ 6,367,407
COS		\$ 30,665,910	\$ 15,468,842	\$ 651,374	\$ 2,232,341	\$ 2,914,102	\$ -	\$ 728,081	\$ -	\$ 4,053,440	\$ 1,705,672	\$ 685,045	\$ 6,367,404
Variance due to Rounding		\$ 5,321	\$ 2,651	\$ 34	\$ 1	\$ 1	\$ -	\$ 0	\$ -	\$ 1	\$ 0	\$ 0	\$ 3

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

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Amended 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	\$ 8.61	\$ 9.42	\$ 18.03	\$ 7.56	\$ 9.92	\$ 9.92	57,812	\$ 6,881,940
3/4"	1.1	\$ 9.47	\$ 9.42	\$ 18.89	\$ 8.05	\$ 10.56	\$ 10.57	11,326	\$ 1,436,590
1"	1.4	\$ 12.06	\$ 9.42	\$ 21.47	\$ 9.50	\$ 12.46	\$ 12.47	5,335	\$ 798,329
1.5"	1.8	\$ 15.50	\$ 9.42	\$ 24.92	\$ 11.43	\$ 15.00	\$ 15.00	1,547	\$ 278,460
2"	2.9	\$ 24.97	\$ 9.42	\$ 34.39	\$ 16.76	\$ 21.99	\$ 21.99	1,357	\$ 358,085
3"	11	\$ 94.72	\$ 9.42	\$ 104.14	\$ 56.01	\$ 73.49	\$ 73.49	73	\$ 64,377
4"	14	\$ 120.55	\$ 9.42	\$ 129.97	\$ 70.55	\$ 92.56	\$ 92.57	35	\$ 38,879
6"	21	\$ 180.83	\$ 9.42	\$ 190.25	\$ 104.47	\$ 137.06	\$ 137.07	57	\$ 93,756
8"	29	\$ 249.72	\$ 9.42	\$ 259.14	\$ 143.23	\$ 187.92	\$ 187.92	42	\$ 94,712
10"	36.25	\$ 312.15	\$ 9.42	\$ 321.57	\$ 178.36	\$ 234.01	\$ 234.01	4	\$ 11,232
12"	43.5	\$ 374.58	\$ 9.42	\$ 383.99	\$ 213.49	\$ 280.10	\$ 280.10	0	\$ -

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

Costs Allocated to Customer Service

Meters & Services	\$ 9,125,462
Billing & Collection	\$ 8,768,691
LESS Shift to Retail Volume Charge	\$ (7,840,304)
Total Customer Service Costs	\$ 10,053,849

Variance Due to Rounding \$ 2,512

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

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Amended 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	\$ 8.26	\$ 5.15	\$ 6.76	\$ 6.76	\$ 169,622
1.5"	10	902	9,020	\$ 22.02	\$ 13.74	\$ 18.03	\$ 18.03	\$ 195,157
2"	24	792	19,008	\$ 52.85	\$ 32.96	\$ 43.24	\$ 43.25	\$ 411,048
3"	65	55	3,575	\$ 143.13	\$ 89.26	\$ 117.11	\$ 117.11	\$ 77,293
4"	110	20	2,200	\$ 242.21	\$ 151.05	\$ 198.18	\$ 198.18	\$ 47,563
6"	225	28	6,300	\$ 495.44	\$ 308.97	\$ 405.37	\$ 405.37	\$ 136,204
8"	340	15	5,100	\$ 748.66	\$ 466.89	\$ 612.56	\$ 612.56	\$ 110,261
10"	520	2	1,040	\$ 1,145.01	\$ 714.07	\$ 936.86	\$ 936.86	\$ 22,485
12"	860	-	-	\$ 1,893.68	\$ 1,180.95	\$ 1,549.40	\$ 1,549.41	-

Total Revenue Generated	\$1,885,959
Total FPSC Costs	\$ 2,296,411
LESS Shift to Retail Volume Charge	\$ (413,799)
Adjusted FPSC Costs	\$ 1,882,613

Variance Due to Rounding \$3,346

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

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Amended 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	\$9.47	\$ 9.42	\$ 0.08	\$ 18.97	\$ 8.64	\$ 11.34	\$ 11.34	\$ 272
1"	9	1.0	0.009	0.08	1.40	\$12.06	\$ 9.42	\$ 0.17	\$ 21.64	\$ 10.21	\$ 13.40	\$ 13.40	\$ 1,447
1-1/2"	2	2.9	0.026	0.05	1.80	\$15.50	\$ 9.42	\$ 0.48	\$ 25.40	\$ 12.57	\$ 16.50	\$ 16.50	\$ 396
2"	68	6.2	0.056	3.78	2.90	\$24.97	\$ 9.42	\$ 1.03	\$ 35.42	\$ 18.64	\$ 24.46	\$ 24.46	\$ 19,959
4"	391	38.3	0.344	134.60	14.00	\$120.55	\$ 9.42	\$ 6.38	\$ 136.35	\$ 79.67	\$ 104.53	\$ 104.53	\$ 490,455
6"	1,245	111.3	1.000	1,245.00	21.00	\$180.83	\$ 9.42	\$ 18.52	\$ 208.77	\$ 129.89	\$ 170.42	\$ 170.42	\$ 2,546,075
8"	256	237.2	2.131	545.54	29.00	\$249.72	\$ 9.42	\$ 39.47	\$ 298.61	\$ 196.73	\$ 258.11	\$ 258.11	\$ 792,914
10"	4	426.6	3.832	15.33	36.25	\$312.15	\$ 9.42	\$ 70.99	\$ 392.55	\$ 274.06	\$ 359.57	\$ 359.57	\$ 17,259
12"	18	689.0	6.190	111.42	43.50	\$374.58	\$ 9.42	\$ 114.67	\$ 498.66	\$ 367.64	\$ 482.35	\$ 482.35	\$ 104,188
16"	-	1,468.4	13.192	0.00	58.00	\$499.44	\$ 9.42	\$ 244.36	\$ 753.21	\$ 611.43	\$ 753.22	\$ 753.22	\$ -
	1,995			2,055.82									\$ 3,972,965

Costs Allocated to Private Fire Service

Meters & Services	\$ 4,152,541
Billing & Collection	\$ 225,467
Demand Costs	\$ 456,981
Less Costs Recovered from Retail Volume Charge	\$ (862,024)
Total Private Fire Protection Costs	\$ 3,972,965

Schedule HJS Amended Settlement-21b: Development of Hydrant Charges

Providence Water Supply Board

Docket # 4994

Request for General Rate Relief

Amended Settlement Proposal

Test Year Ending June 30, 2019

Rate Years Ending June 30, 2021 through 2023

Demand Costs (Hydrants Excluding Providence)	\$	845,584
Hydrants (Excluding Providence)		3,318
Annual Demand Costs per Hydrant	\$	254.85
Annual Direct Fire Cost per Hydrant	\$	455.68
Existing Annual Cost per Hydrant	\$	454.02
Total Annual Cost per Hydrant	\$	710.52
Proposed Annual Charge per Hydrant	\$	595.68
Rounded Annual Charge per Hydrant	\$	595.68
Hydrant Revenues	\$	1,976,466
Costs Allocated to Hydrant Charge		
Demand	\$	845,584
Direct Fire	\$	1,511,932
LESS Shift to Retail Volume Charge	\$	(381,050)
Total Public Fire Costs (Excluding Providence)	\$	1,976,466

Schedule HJS Amended Settlement-22: Proposed Rates

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

Description	Existing Rates			Proposed FY 2021 (Peaking Factors)			Proposed FY 2021 (Gradualism)					Proposed FY 2022			Proposed FY 2023			
	Units	Rates	Revenue	% Change	Rates	Revenue	% Change	Jul 3 Rates	Differential	Adjustment	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	31.22%	\$ 9.92	\$ -	\$ -	\$ 9.92	\$ 6,881,940	5.50%	\$ 10.47	\$ 7,260,244	4.22%	\$ 10.91	\$ 7,566,778
3/4"	11,326	\$ 8.05	\$ 1,094,092	31.30%	\$ 10.57	\$ 1,436,590	31.30%	\$ 10.57	\$ -	\$ -	\$ 10.57	\$ 1,436,590	5.50%	\$ 11.15	\$ 1,515,560	4.22%	\$ 11.62	\$ 1,579,548
1"	5,335	\$ 9.50	\$ 608,190	31.26%	\$ 12.47	\$ 798,329	31.26%	\$ 12.47	\$ -	\$ -	\$ 12.47	\$ 798,329	5.50%	\$ 13.16	\$ 842,214	4.22%	\$ 13.71	\$ 877,773
1.5"	1,547	\$ 11.43	\$ 212,187	31.23%	\$ 15.00	\$ 278,460	31.23%	\$ 15.00	\$ -	\$ -	\$ 15.00	\$ 278,460	5.50%	\$ 15.82	\$ 293,767	4.22%	\$ 16.49	\$ 306,170
2"	1,357	\$ 16.76	\$ 272,920	31.21%	\$ 21.99	\$ 358,085	31.21%	\$ 21.99	\$ -	\$ -	\$ 21.99	\$ 358,085	5.50%	\$ 23.20	\$ 377,769	4.22%	\$ 24.18	\$ 393,719
3"	73	\$ 56.01	\$ 49,065	31.21%	\$ 73.49	\$ 64,377	31.21%	\$ 73.49	\$ -	\$ -	\$ 73.49	\$ 64,377	5.50%	\$ 77.53	\$ 67,916	4.22%	\$ 80.80	\$ 70,784
4"	35	\$ 70.55	\$ 29,631	31.21%	\$ 92.57	\$ 38,879	31.21%	\$ 92.57	\$ -	\$ -	\$ 92.57	\$ 38,879	5.50%	\$ 97.66	\$ 41,017	4.22%	\$ 101.78	\$ 42,748
6"	57	\$ 104.47	\$ 71,457	31.21%	\$ 137.07	\$ 93,756	31.21%	\$ 137.07	\$ -	\$ -	\$ 137.07	\$ 93,756	5.50%	\$ 144.60	\$ 98,910	4.22%	\$ 150.71	\$ 103,086
8"	42	\$ 143.23	\$ 72,188	31.20%	\$ 187.92	\$ 94,712	31.20%	\$ 187.92	\$ -	\$ -	\$ 187.92	\$ 94,712	5.50%	\$ 198.25	\$ 99,918	4.22%	\$ 206.62	\$ 104,137
10"	4	\$ 178.36	\$ 8,561	31.20%	\$ 234.01	\$ 11,232	31.20%	\$ 234.01	\$ -	\$ -	\$ 234.01	\$ 11,232	5.50%	\$ 246.87	\$ 11,850	4.22%	\$ 257.30	\$ 12,350
12"	-	\$ 213.49	\$ -	31.20%	\$ 280.10	\$ -	31.20%	\$ 280.10	\$ -	\$ -	\$ 280.10	\$ -	5.50%	\$ 295.50	\$ -	4.22%	\$ 307.97	\$ -
Total Service Charge	77,588		\$ 7,662,995	31.23%		\$ 10,056,362	31.23%				\$ 10,056,362	5.50%		\$ 10,609,165	4.22%		\$ 11,057,093	
Retail Fire Protection Service Charges (Providence Only)																		
5/8"	25,954	\$ 1.38	\$ 429,798	31.88%	\$ 1.82	\$ 566,835	31.88%	\$ 1.82	\$ -	\$ -	\$ 1.82	\$ 566,835	5.50%	\$ 1.92	\$ 597,995	4.22%	\$ 2.00	\$ 623,242
3/4"	4,580	\$ 2.07	\$ 113,767	31.40%	\$ 2.72	\$ 149,491	31.40%	\$ 2.72	\$ -	\$ -	\$ 2.72	\$ 149,491	5.50%	\$ 2.87	\$ 157,709	4.22%	\$ 2.99	\$ 164,367
1"	2,091	\$ 5.15	\$ 129,224	31.26%	\$ 6.76	\$ 169,622	31.26%	\$ 6.76	\$ -	\$ -	\$ 6.76	\$ 169,622	5.50%	\$ 7.13	\$ 178,946	4.22%	\$ 7.43	\$ 186,501
1.5"	902	\$ 13.74	\$ 148,722	31.22%	\$ 18.03	\$ 195,157	31.22%	\$ 18.03	\$ -	\$ -	\$ 18.03	\$ 195,157	5.50%	\$ 19.02	\$ 205,885	4.22%	\$ 19.82	\$ 214,577
2"	792	\$ 32.96	\$ 313,252	31.22%	\$ 43.25	\$ 411,048	31.22%	\$ 43.25	\$ -	\$ -	\$ 43.25	\$ 411,048	5.50%	\$ 45.63	\$ 433,644	4.22%	\$ 47.55	\$ 451,952
3"	55	\$ 89.26	\$ 58,912	31.20%	\$ 117.11	\$ 77,293	31.20%	\$ 117.11	\$ -	\$ -	\$ 117.11	\$ 77,293	5.50%	\$ 123.55	\$ 81,541	4.22%	\$ 128.76	\$ 84,984
4"	20	\$ 151.05	\$ 36,252	31.20%	\$ 198.18	\$ 47,563	31.20%	\$ 198.18	\$ -	\$ -	\$ 198.18	\$ 47,563	5.50%	\$ 209.07	\$ 50,178	4.22%	\$ 217.90	\$ 52,296
6"	28	\$ 308.97	\$ 103,814	31.20%	\$ 405.37	\$ 136,204	31.20%	\$ 405.37	\$ -	\$ -	\$ 405.37	\$ 136,204	5.50%	\$ 427.65	\$ 143,692	4.22%	\$ 445.71	\$ 149,758
8"	15	\$ 466.89	\$ 84,040	31.20%	\$ 612.56	\$ 110,261	31.20%	\$ 612.56	\$ -	\$ -	\$ 612.56	\$ 110,261	5.50%	\$ 646.23	\$ 116,322	4.22%	\$ 673.52	\$ 121,233
10"	2	\$ 714.07	\$ 17,138	31.20%	\$ 936.86	\$ 22,485	31.20%	\$ 936.86	\$ -	\$ -	\$ 936.86	\$ 22,485	5.50%	\$ 988.36	\$ 23,721	4.22%	\$ 1,030.09	\$ 24,722
12"	-	\$ 1,180.95	\$ -	31.20%	\$ 1,549.41	\$ -	31.20%	\$ 1,549.41	\$ -	\$ -	\$ 1,549.41	\$ -	5.50%	\$ 1,634.58	\$ -	4.22%	\$ 1,703.60	\$ -
Total Retail FPSC (Providence Only)	34,439		\$ 1,434,918	31.43%		\$ 1,885,959	31.43%				\$ 1,885,959	5.50%		\$ 1,989,631	4.22%		\$ 2,073,635	
Total Retail Service Charge Revenue			\$ 9,097,913			\$ 11,942,320	31.26%				\$ 11,942,320	5.50%		\$ 12,598,796	4.22%		\$ 13,130,728	
Retail Consumption Charges																		
Residential	8,396,176	\$ 3.403	\$ 28,572,187	7.35%	\$ 3.653	\$ 30,671,231	7.88%	\$ 3.684	\$ (\$0.013)	\$ 3.671	\$ 30,822,362	5.50%	\$ 3.87	\$ 32,516,684	4.22%	\$ 4.04	\$ 33,889,566	
Commercial	4,041,665	\$ 3.223	\$ 13,026,286	18.77%	\$ 3.828	\$ 15,471,494	19.36%	\$ 3.859	\$ (\$0.012)	\$ 3.847	\$ 15,548,285	5.50%	\$ 4.06	\$ 16,402,983	4.22%	\$ 4.23	\$ 17,095,531	
Industrial	187,186	\$ 3.169	\$ 593,192	9.81%	\$ 3.480	\$ 651,407	10.38%	\$ 3.512	\$ (\$0.014)	\$ 3.498	\$ 654,777	5.50%	\$ 3.69	\$ 690,770	4.22%	\$ 3.85	\$ 719,935	
Total Retail Consumption Charge	12,625,027		\$ 42,191,666	10.91%		\$ 46,794,132	11.46%				\$ 47,025,424	5.50%		\$ 49,610,436	4.22%		\$ 51,705,032	
East Smithfield Debt Surcharge	235,576	\$ 0.35	\$ 82,451	0.00%	\$ 0.350	\$ 82,451	0.00%	\$ 0.350	\$ -	\$ -	\$ 0.350	\$ 82,451	0.00%	\$ 0.350	\$ 82,451	0.00%	\$ 0.350	\$ 82,451
Total Retail Volume Charge Revenue			\$ 42,274,117			\$ 46,876,583	11.43%				\$ 47,107,875	5.49%		\$ 49,692,888	4.22%		\$ 51,787,483	
Total Retail Revenue			\$ 51,372,030			\$ 58,818,904	14.95%				\$ 59,050,196	5.49%		\$ 62,291,684	4.22%		\$ 64,918,212	

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

Providence Water Supply Board

Docket # 4994

Request for General Rate Relief

Amended 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	\$ 10,609,165	5.5%	\$ 10,609,165	\$ 11,057,093	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	\$ 1,989,631	5.5%	\$ 1,989,631	\$ 2,073,635	4.2%
Volume Charge									
Residential	\$ 28,572,187	\$ 30,822,362	7.9%	\$ 30,822,362	\$ 32,516,684	5.5%	\$ 32,516,684	\$ 33,889,566	4.2%
Commercial	\$ 13,026,286	\$ 15,548,285	19.4%	\$ 15,548,285	\$ 16,402,983	5.5%	\$ 16,402,983	\$ 17,095,531	4.2%
Industrial	\$ 593,192	\$ 654,777	10.4%	\$ 654,777	\$ 690,770	5.5%	\$ 690,770	\$ 719,935	4.2%
Total Retail	\$ 51,372,030	\$ 59,050,196	14.9%	\$ 59,050,196	\$ 62,291,684	5.5%	\$ 62,291,684	\$ 64,918,212	4.2%
Wholesale									
Bristol County	\$ 2,019,323	\$ 2,352,763	16.5%	\$ 2,352,763	\$ 2,447,301	4.0%	\$ 2,447,301	\$ 2,516,919	2.8%
East Providence	\$ 2,462,307	\$ 2,932,911	19.1%	\$ 2,932,911	\$ 3,050,760	4.0%	\$ 3,050,760	\$ 3,137,544	2.8%
Greenville	\$ 569,415	\$ 696,306	22.3%	\$ 696,306	\$ 724,285	4.0%	\$ 724,285	\$ 744,888	2.8%
Kent County	\$ 3,683,989	\$ 4,285,914	16.3%	\$ 4,285,914	\$ 4,458,129	4.0%	\$ 4,458,129	\$ 4,584,948	2.8%
Lincoln	\$ 1,402,499	\$ 1,685,828	20.2%	\$ 1,685,828	\$ 1,753,567	4.0%	\$ 1,753,567	\$ 1,803,451	2.8%
Smithfield	\$ 528,996	\$ 649,762	22.8%	\$ 649,762	\$ 675,870	4.0%	\$ 675,870	\$ 695,096	2.8%
Warwick	\$ 4,682,944	\$ 5,853,034	25.0%	\$ 5,853,034	\$ 6,088,219	4.0%	\$ 6,088,219	\$ 6,261,408	2.8%
Total Wholesale	\$ 15,349,475	\$ 18,456,517	20.2%	\$ 18,456,517	\$ 19,198,131	4.0%	\$ 19,198,131	\$ 19,744,255	2.8%
Fire Protection									
Private Fire Protection	\$ 3,028,110	\$ 3,972,965	31.2%	\$ 3,972,965	\$ 4,191,361	5.5%	\$ 4,191,361	\$ 4,368,324	4.2%
Public Fire Protection	\$ 1,506,438	\$ 1,976,466	31.2%	\$ 1,976,466	\$ 2,085,114	5.5%	\$ 2,085,114	\$ 2,173,149	4.2%
Total Fire Protection	\$ 4,534,548	\$ 5,949,431	31.2%	\$ 5,949,431	\$ 6,276,475	5.5%	\$ 6,276,475	\$ 6,541,473	4.2%
Total Rate Revenues	\$ 71,256,053	\$ 83,456,144	17.1%	\$ 83,456,144	\$ 87,766,290	5.2%	\$ 87,766,290	\$ 91,203,939	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	\$ 84,999,307	16.8%	\$ 84,999,307	\$ 89,309,453	5.1%	\$ 89,309,453	\$ 92,747,102	3.8%

Schedule HJS Amended Settlement-24: Revenue Proof

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Amended 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	\$ 39,781,482	\$ 40,751,109	\$ 41,853,301
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	\$ 83,266,794	\$ 87,491,587	\$ 90,861,151
plus: Net Operating Revenue	\$ 1,634,473	\$ 1,718,968	\$ 1,786,360
Net Revenue Requirement	\$ 84,901,267	\$ 89,210,556	\$ 92,647,511
Retail			
Monthly Service Charge	\$ 10,056,362	\$ 10,609,165	\$ 11,057,093
East Smithfield Debt Surcharge	\$ 82,451	\$ 82,451	\$ 82,451
Retail FPSC	\$ 1,885,959	\$ 1,989,631	\$ 2,073,635
Volume Charge			
Residential	\$ 30,822,362	\$ 32,516,684	\$ 33,889,566
Commercial	\$ 15,548,285	\$ 16,402,983	\$ 17,095,531
Industrial	\$ 654,777	\$ 690,770	\$ 719,935
Total Retail	\$ 59,050,196	\$ 62,291,684	\$ 64,918,212
Wholesale			
Bristol County	\$ 2,352,763	\$ 2,447,301	\$ 2,516,919
East Providence	\$ 2,932,911	\$ 3,050,760	\$ 3,137,544
Greenville	\$ 696,306	\$ 724,285	\$ 744,888
Kent County	\$ 4,285,914	\$ 4,458,129	\$ 4,584,948
Lincoln	\$ 1,685,828	\$ 1,753,567	\$ 1,803,451
Smithfield	\$ 649,762	\$ 675,870	\$ 695,096
Warwick	\$ 5,853,034	\$ 6,088,219	\$ 6,261,408
Total Wholesale	\$ 18,456,517	\$ 19,198,131	\$ 19,744,255
Fire Protection			
Private Fire Protection	\$ 3,972,965	\$ 4,191,361	\$ 4,368,324
Public Fire Protection	\$ 1,976,466	\$ 2,085,114	\$ 2,173,149
Total Fire Protection	\$ 5,949,431	\$ 6,276,475	\$ 6,541,473
Total Rate Revenues	\$ 83,456,144	\$ 87,766,290	\$ 91,203,939
Miscellaneous Revenues	\$ 1,543,163	\$ 1,543,163	\$ 1,543,163
Total Revenues	\$ 84,999,307	\$ 89,309,453	\$ 92,747,102
Variance Due to Rounding	\$ 15,589	\$ 16,446	\$ 17,140

Schedule HJS Amended Settlement-25: Comparison of Typical Bill Impacts

Providence Water Supply Board
Docket # 4994
Request for General Rate Relief
Amended 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	\$ 125.58	5.5%	\$ 125.58	\$ 130.89	4.2%
Volume Charge	\$ 340.30	\$ 367.10	7.9%	\$ 367.10	\$ 387.28	5.5%	\$ 387.28	\$ 403.63	4.2%
Total	\$ 431.02	\$ 486.14	12.8%	\$ 486.14	\$ 512.86	5.5%	\$ 512.86	\$ 534.52	4.2%
Commercial - (2" Meter, 2,000 HCF)									
Service Charge	\$ 201.12	\$ 263.88	31.2%	\$ 263.88	\$ 278.39	5.5%	\$ 278.39	\$ 290.14	4.2%
Volume Charge	\$ 6,446.00	7,694.00	19.4%	7,694.00	8,116.94	5.5%	8,116.94	8,459.65	4.2%
Total	\$ 6,647.12	\$ 7,957.88	19.7%	\$ 7,957.88	\$ 8,395.33	5.5%	\$ 8,395.33	\$ 8,749.79	4.2%
Industrial - (6" Meter, 10,000 HCF)									
Service Charge	\$ 1,253.64	\$ 1,644.84	31.2%	\$ 1,644.84	\$ 1,735.26	5.5%	\$ 1,735.26	\$ 1,808.52	4.2%
Volume Charge	\$ 31,690.00	\$ 34,980.00	10.4%	\$ 34,980.00	\$ 36,902.87	5.5%	\$ 36,902.87	\$ 38,460.94	4.2%
Total	\$ 32,943.64	\$ 36,624.84	11.2%	\$ 36,624.84	\$ 38,638.13	5.5%	\$ 38,638.13	\$ 40,269.46	4.2%

PROVIDENCE WATER SUPPLY BOARD TARIFF

Replaces Tariff
February 17, 2017

Docket No. 4994

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 |

SCHEDULE A

Providence Water Supply Board Service Charges Retail

Rhode Island Public Utilities Commission Docket No.

Docket No. 4994

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.

SCHEDULE B

Providence Water Supply Board Metered Sales Retail

Rhode Island Public Utilities Commission Docket No.

Docket No. 4994

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	\$3.671
Commercial	\$3.847
Industrial	\$3.498

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.

SCHEDULE C

**Providence Water Supply Board
Bulk Sales to Public Authorities for Resale**

**Rhode Island Public Utilities Commission Docket No.
page 1 of 2**

Docket No. 4994

Effective: _____, 2020

Applicability

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

Rates-Volume Charge

Bristol County Water Authority
\$ 2,104.17 per million gallons, or
\$1.573918 per HCF

East Providence
\$2,151.12 per million gallons, or
\$1.609038 per HCF

Greenville
\$2,208.41 per million gallons, or
\$1.651888 per HCF

Kent County
\$2,101.03 per million gallons, or
\$1.571574 per HCF

Lincoln
\$2,170.79 per million gallons, or
\$1.623754 per HCF

Smithfield
\$2,218.24 per million gallons, or
\$1.659247 per HCF

Warwick
\$2,257.20 per million gallons, or
\$1.688386 per HCF

SCHEDULE C

Providence Water Supply Board Bulk Sales to Public Authorities for Resale

Rhode Island Public Utilities Commission Docket No.
page 2 of 2

Docket No. 4994

Effective: _____, 2020

Johnston

\$1,805.96 per million gallons, or
\$1.350858 per HCF

Note: This is the rate as determined in Docket 4618. It will remain in effect until Providence Water acquires the Johnston Water System. In the event that the acquisition does not occur, Providence Water shall calculate an individual wholesale rate consistent with the approach required by the Public Utilities Commission for the calculation of individual wholesale rates in Docket 4994.

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.

SCHEDULE D

**Providence Water Supply Board
Public Fire Protection**

Rhode Island Public Utilities Commission Docket No.

Docket No. 4994

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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SCHEDULE E

Providence Water Supply Board Private Fire Service

Rhode Island Public Utilities Commission Docket No.

Docket No. 4994

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	753.22

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.

**SCHEDULE F
PROVIDENCE WATER
TERMS & CONDITIONS
SERVICE FEE SCHEDULE
(effective _____)
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.

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

SERVICE	FEE
POLICE DETAILS	
<p>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.</p>	
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