

U.S. Virgin Islands Water and Power Authority

Preliminary Draft - Work in Process / Subject to Material Change

Information contained herein has not been independently verified and is subject to material change based on continuing review. Accordingly, the information contained herein is not intended to be and should not be relied upon by any third party or as legal, auditing, or accounting advice.

The attached preliminary cash flow tool and their accompanying analyses, assumptions and underlying data are the product of U.S. Virgin Islands Water and Power Authority ("WAPA") and its management ("Management") and consist of information obtained solely from WAPA. With respect to prospective financial information relative to WAPA, there has not been any examination, compilation or application of agreed upon procedures to such information in accordance with attestation standards established by the AICPA. Consequently, no assurance of any kind is given with respect to, or on, the information presented. It is WAPA's responsibility to make its own decision based on the information available to it. Management has the knowledge, experience and ability to form its own conclusions related to WAPA's cash flow forecast. There will usually be differences between forecasted and actual results because events and circumstances frequently do not occur as expected and those differences may be material. As a result, no responsibility for the achievement of forecasted results is made. Accordingly, reliance on this report is prohibited by any third party as the projected financial information contained herein is subject to material change and may not reflect actual results.

Many of numbers set forth herein are estimates or based on assumptions which are subject to change. Such changes may be material and can materially affect the calculation of other amounts reflected herein.

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Worksheet B1 - Differential Analysis

Line #		Total Cost (\$)		\$ / kgal			Cross Reference (Col E-F)	
		Current As Approved Jan-Dec 2022	Proposed LEAC Jan-Dec 2023	Current As Approved Jan-Dec 2022	Proposed LEAC Jan-Dec 2023	Difference 2023 vs. 2022	WS #	Line #
1	Total Fuel Cost	\$ -	\$ -	\$ -	\$ -	\$ -	B2	1
2	Regulatory Expense (Docket 289 Costs)	10,080	10,080	0.01	0.01	(0.00)	B2	2
3	Current Fuel Costs	\$ 10,080	\$ 10,080	\$ 0.01	\$ 0.01	\$ (0.00)	B2	3
Net Water Production Charge / RO - Excludes Sales to Electric								
4	Total Cost of Purchased Water - Due to Seven Seas	\$ 10,062,212	\$ 11,993,669	\$ 8.42	\$ 9.67	\$ 1.25	B2	4
5	Less: Electric System Billings for Internal Plant Use - Water	(1,379,072)	(1,555,229)	(1.15)	(1.25)	(0.10)	B2	5
6	Less: Electric System Billings for STT Station #2 Use - Water	(256,012)	(289,248)	(0.21)	(0.23)	(0.02)	B2	6
7	Net Water Production Charge / RO (Sum Lines 4-6)	\$ 8,427,127	\$ 10,149,193	\$ 7.05	\$ 8.18	\$ 1.13	B2	7
Net Electricity Charge for Purchased Water								
8	Total Electricity Charges for Purchased Water	\$ 4,866,762	\$ 5,392,750	\$ 4.07	\$ 4.35	\$ 0.28	B2	8
9	Less: Electric System Billings for Internal Plant Use - Electricity	(509,976)	(153,427)	(0.43)	(0.12)	0.30	B2	9
10	Net Electricity Charge for Purchased Water (Line 8+9)	\$ 4,356,786	\$ 5,239,323	\$ 3.64	\$ 4.22	\$ 0.58	B2	10
11	Current Purchased Water Costs (Line 7+10)	\$ 12,783,913	\$ 15,388,515	\$ 10.70	\$ 12.40	\$ 1.71	B2	11
12	Total Current Water Costs - Net (Line 3+11)	\$ 12,793,993	\$ 15,398,595	\$ 10.70	\$ 12.41	\$ 1.71	B2	12
13	Less: Base Rate Recovery	(3,442,454)	(3,572,926)	(2.88)	(2.88)	-	B2	13
14	Current LEAC Costs (Line 12+13)	\$ 9,351,539	\$ 11,825,669	\$ 7.82	\$ 9.53	\$ 1.71	B2	14

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Worksheet B2 - 12-Month Comparison

Line #		Current As Approved Jan-Dec 2022	Proposed LEAC Jan-Dec 2023	Cross Reference WS #	Line #
Summary of Costs					
1	Total Fuel Cost	\$ -	\$ -	B4	22
2	Regulatory Expense (Docket 289 Costs)	10,080	10,080	B5	3
3	Current Fuel Costs	\$ 10,080	\$ 10,080	B5	4
Net Water Production Charge / RO - Excludes Sales to Electric					
4	Total Cost of Purchased Water - Due to Seven Seas	\$ 10,062,212	\$ 11,993,669	B4	16
5	Less: Electric System Billings for Internal Plant Use - Water	(1,379,072)	(1,555,229)	B4	18
6	Less: Electric System Billings for STT Station #2 Use - Water	(256,012)	(289,248)	B4	20
7	Net Water Production Charge / RO (Sum Lines 4-6)	\$ 8,427,127	\$ 10,149,193		
Net Electricity Charge for Purchased Water					
8	Total Electricity Charges for Purchased Water	\$ 4,866,762	\$ 5,392,750	B4	17
9	Less: Electric System Billings for Internal Plant Use - Electricity	(509,976)	(153,427)	B4	19
10	Net Electricity Charge for Purchased Water (Line 8+9)	\$ 4,356,786	\$ 5,239,323		
11	Current Purchased Water Costs (Line 7+10)	\$ 12,783,913	\$ 15,388,515	B4	21
12	Total Current Water Costs - Net (Line 3+11)	\$ 12,793,993	\$ 15,398,595	B5	11
13	Less: Base Rate Recovery	(3,442,454)	(3,572,926)	B5	13
14	Current LEAC Costs (Line 12+13)	\$ 9,351,539	\$ 11,825,669	B5	14
Deferred Fuel Costs					
15	Amortized GO Note Principal and Interest	\$ -	\$ -	B5	15
16	Other Amortized Deferred Fuel Costs	-	-	B5	16+17
17	Total Deferred Costs	\$ -	\$ -		
18	Total Period Costs (Line 14+17)	\$ 9,351,539	\$ 11,825,669	B5	18
Summary of Costs - \$/kgal					
19	Sales Forecast	1,195,296	1,240,599	B4	6
20	Total Fuel Cost	\$ -	\$ -		
21	Regulatory Expense (Docket 289 Costs)	0.01	0.01		
22	Current Fuel Costs	\$ 0.01	\$ 0.01		
Net Water Production Charge / RO - Excludes Sales to Electric					
23	Total Cost of Purchased Water - Due to Seven Seas	\$ 8.42	\$ 9.67		
24	Less: Electric System Billings for Internal Plant Use - Water	(1.15)	(1.25)		
25	Less: Electric System Billings for STT Station #2 Use - Water	(0.21)	(0.23)		
26	Net Water Production Charge / RO (Sum Lines 23-25)	\$ 7.05	\$ 8.18		
Net Electricity Charge for Purchased Water					
27	Total Electricity Charges for Purchased Water	\$ 4.07	\$ 4.35		
28	Less: Electric System Billings for Internal Plant Use - Electricity	(0.43)	(0.12)		
29	Net Electricity Charge for Purchased Water (Line 27+28)	\$ 3.64	\$ 4.22		
30	Current Purchased Water Costs (Line 26+29)	\$ 10.70	\$ 12.40		
31	Total Current Water Costs - Net (Line 3+11)	\$ 10.70	\$ 12.41		
32	Less: Base Rate Recovery	(2.88)	(2.88)		
33	Current LEAC Costs (Line 31+32)	\$ 7.82	\$ 9.53		
Deferred Fuel Costs					
34	Amortized GO Note Principal and Interest	-	-		
35	Other Amortized Deferred Fuel Costs	-	-		
36	Total Deferred Costs	\$ -	\$ -		
37	Total Period Costs - LEAC Rate (Line 33+36)	\$ 7.82	\$ 9.53		

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Worksheet B3 - Monthly Bill Comparison

Line #	Rate Class			
	Residential	Commercial	Large Power	
1	Average Monthly Usage - kgal	2.4	25.0	95.0
2	Change in LEAC Rate - \$ / kgal	1.71	1.71	1.71
3	Impact to Bill (Monthly)	\$ 4.10	\$ 42.72	\$ 162.32

	Avg. Monthly Usage - Gallons	Change in LEAC Rate (\$/kgal)	Impact to Bill
4	2,000	1.71	\$ 3.42
5	8,000	1.71	\$ 13.67
6	14,000	1.71	\$ 23.92
7	20,000	1.71	\$ 34.17
8	26,000	1.71	\$ 44.42
9	32,000	1.71	\$ 54.68
10	38,000	1.71	\$ 64.93
11	44,000	1.71	\$ 75.18
12	50,000	1.71	\$ 85.43
13	56,000	1.71	\$ 95.68
14	62,000	1.71	\$ 105.93
15	68,000	1.71	\$ 116.19
16	74,000	1.71	\$ 126.44
17	80,000	1.71	\$ 136.69
18	86,000	1.71	\$ 146.94
19	92,000	1.71	\$ 157.19
20	98,000	1.71	\$ 167.44

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Worksheet B4 - Water Sales and Costs

Line #		Current As Approved		Proposed LEAC		Cross Reference	
		Jan-Dec 2022		Jan-Dec 2023		WS #	Line #
Water Sales and Production							
1	Gross Production - kgal		1,946,742		2,086,898	B8 / B10	15 / 18
2	Less: Ultra Pure Water Production		See Plant Use		(39,696)	B10	19
3	Available Production Before Plant Use and Line Loss (Line 1+2)		1,946,742		2,047,203		
4	Well Storage Available for Sale - kgal		-		-	B8 / B10	19 / 24
5	Line Loss - kgal (Approved includes UPW Production)		(751,446)		(806,603)	B8 / B10	20 / 25
6	Sales Forecast - kgal (Sum Line 3-5)		1,195,296		1,240,599	B8 / B10	21 / 26
Water Production Costs							
7	Gross Production - kgal		1,946,742		2,086,898	B9 / B11	71
8	% Provided by Electric System		0%		0%	B9 / B11	72
9	Quantity Provided by Electric System - kgal (Line 7x8)		-		-	B9 / B11	73
9	Net Purchases from Seven Seas - kgal		1,946,742		2,086,898	B9 / B11	74
10	Net Purchases - Millions of Gallons per Day (MGD)		5.334		5.718	B9 / B11	75
11	Sales to Electric System - kgal		178,850		178,850	B9 / B11	76
12	% Ultra Pure Water (UPW)		100%		100%	B9 / B11	77
13	Ultra Pure Water Sales to Electric System - kgal (Line 11x12)		178,850		178,850	B9 / B11	78
14	Regular Water Sales to Electric System - kgal (Line 11-13)		-		-	B9 / B11	79
15	Power from Electric System - kWh		22,854,205		24,269,800	B9 / B11	80
Summary of Projected Costs (\$)							
16	Total Cost of Purchased Water - Due to Seven Seas	\$	10,062,212	\$	11,993,669	B9 / B11	81
17	Total Electricity Charges - Due to Electric System		4,866,762		5,392,750	B9 / B11	82
18	Less: Electric System Billings for Internal Plant Use - Water		(1,379,072)		(1,555,229)	B9 / B11	83
19	Less: Electric System Billings for Internal Plant Use - Electricity		(509,976)		(153,427)	B9 / B11	84
20	Less: Electric System Billings for STT Station #2 Use - Water		(256,012)		(289,248)	B9 / B11	85
21	Total Water Purchase Costs - Billed to Customers (Sum Lines 16-20)	\$	12,783,913	\$	15,388,515	B9 / B11	86
Fuel Costs to Produce Water (\$)							
22	Allocated Fuel Costs - Due to Electric System	\$	-	\$	-		
23	Total Water Production Costs (Line 21+22)	\$	12,783,913	\$	15,388,515		
24	Average Cost per kgal Sold (Line 23/6)	\$	10.70	\$	12.40		

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Worksheet B5 - Water LEAC True-Up

Line #		Current As Approved Jan-Dec 2022	Proposed LEAC Jan-Dec 2023	Cross Reference WS #	Line #
Water Sales					
1	Water Sales - kgal	1,195,296	1,240,599	B4	6
Cost of Fuel (\$)					
2	Total Fuel Cost	\$ -	\$ -	B4	22
3	Regulatory Expense	10,080	10,080		
4	Current Fuel Costs	\$ 10,080	\$ 10,080		
Current Non-Fuel Expenses (\$)					
5	Total Cost of Purchased Water	\$ 10,062,212	\$ 11,993,669	B4	16
6	Total Electricity Charge - Due to Electric System	4,866,762	5,392,750	B4	17
7	Less: Electric System Billings for Internal Plant Use - Water	(1,379,072)	(1,555,229)	B4	18
8	Less: Electric System Billings for Internal Plant Use - Electricity	(509,976)	(153,427)	B4	19
9	Less: Electric System Billings for STT Station #2 Use - Water	(256,012)	(289,248)	B4	20
10	Total Purchased Water Costs (Sum Lines 5-9)	\$ 12,783,913	\$ 15,388,515	B4	21
11	Total Current Costs (Lines 4+10)	\$ 12,793,993	\$ 15,398,595		
Recovery of Current and Prior Period Costs (\$)					
12	Base Rate / kgal	\$ 2.88	\$ 2.88		
13	Base Rate Recovery (Line 1x12)	3,442,454	3,572,926		
14	Unrecovered Costs - Current Fuel & Purchased Water (Line 11-13)	\$ 9,351,539	\$ 11,825,669		
15	Refinanced GO Note Principal & Interest	-	-		
16	Prior Period Billing Adjustments	-	-		
17	Planned Recovery of Deferred Balance	-	-		
18	Total Costs (sum Lines 14-17)	\$ 9,351,539	\$ 11,825,669		
LEAC Detail					
19	LEAC Rate - \$/kgal (Line 18/1)	\$ 7.82	\$ 9.53		
20	LEAC Cost Recovery (Line 1x19)	\$ 9,351,539	\$ 11,825,669		
21	Base Rate Recovery (Line 13)	3,442,454	3,572,926		
22	Less: Regulatory Expense (Line 3)	(10,080)	(10,080)		
23	Less: Purchased Water Cost (Line 10)	(12,783,913)	(15,388,515)		
24	Less: Debt Service Recovery (Line 15)	-	-		
25	Less: Prior Period Billing Adjustments (Line 16)	-	-		
26	Less: Community Disaster Loan Payments to Seven Seas	-	-		
27	Net LEAC Recovery	\$ -	\$ -		
28	Over / (Under) Recovery	\$ -	\$ -		

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Worksheet B6 - Historical Water Sales

Line #		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Cross Reference WS #	Line #
St. Thomas															
1	Gross Production - kgal	77,046	65,478	72,454	75,773	73,030	88,181	81,767	87,645	56,791	83,419	68,229	74,087	B7	1
2	Less: Ultra Pure Water Production	(2,287)	(1,774)	(1,937)	(2,270)	(1,564)	(1,686)	(1,952)	(2,434)	(2,085)	(2,533)	(2,228)	(2,345)	B7	18a
3	Available Production Before Plant Use and Line Loss (Line 1+2)	74,758	63,704	70,517	73,503	71,466	86,485	79,815	85,211	54,695	80,886	66,001	71,743		
Well Storage Available for Sale															
3	Beginning Inventory - kgal	-	-	-	-	-	-	-	-	-	-	-	-		
4	Less: Ending Inventory	-	-	-	-	-	-	-	-	-	-	-	-		
5	Less: Inventory Adjustments	-	-	-	-	-	-	-	-	-	-	-	-		
6	Total Well Storage Available for Sale - kgal (Sum Lines 3-5)	-	-	-	-	-	-	-	-	-	-	-	-		
7	Less: Plant Use and Line Loss	(13,401)	24,706	(28,601)	2,878	(20,110)	(15,907)	418	(41,107)	10,027	(4,670)	4,148	(58,593)		
8	Sales - kgal (Lines 3+6+7)	61,357	88,410	41,916	76,381	51,356	70,579	80,232	44,103	64,722	76,215	70,149	13,150		
St. Croix															
9	Gross Production - kgal	104,494	96,404	106,701	105,428	103,958	97,561	92,887	102,447	93,126	95,918	85,910	98,167	B7	36
10	Less: Ultra Pure Water Production	(1,042)	(970)	(1,107)	(956)	(1,016)	(1,024)	(1,006)	(1,190)	(1,292)	(1,232)	(1,264)	(2,481)	B7	53a
11	Available Production Before Plant Use and Line Loss (Line 9+10)	103,452	95,434	105,594	104,472	102,943	96,537	91,881	101,257	91,834	94,686	84,646	95,685		
Well Storage Available for Sale															
12	Beginning Inventory - kgal	-	-	-	-	-	-	-	-	-	-	-	-		
13	Less: Ending Inventory	-	-	-	-	-	-	-	-	-	-	-	-		
14	Less: Inventory Adjustments	-	-	-	-	-	-	-	-	-	-	-	-		
15	Total Well Storage Available for Sale - kgal (Sum Lines 12-14)	-	-	-	-	-	-	-	-	-	-	-	-		
16	Less: Plant Use and Line Loss	(51,122)	(46,271)	(55,052)	(68,456)	(54,732)	(52,648)	(16,590)	(63,160)	(61,737)	(57,926)	(77,416)	(61,281)		
17	Sales - kgal (Line 11+15+16)	52,329	49,163	50,542	36,016	48,211	43,889	75,291	38,097	30,097	36,760	7,230	34,405		
Combined Systems															
18	Gross Production - kgal (Line 1+9)	181,539	161,882	179,155	181,201	176,989	185,742	174,654	190,092	149,916	179,337	154,138	172,254	B7	71
19	Less: Ultra Pure Water Production (Line 2+10)	(3,329)	(2,744)	(3,044)	(3,226)	(2,580)	(2,720)	(2,958)	(3,625)	(3,387)	(3,765)	(3,491)	(4,826)		
20	Available Production Before Plant Use and Line Loss (Line 18+19)	178,210	159,138	176,111	177,975	174,409	183,022	171,695	186,468	146,529	175,572	150,647	167,428		
Well Storage Available for Sale															
21	Beginning Inventory - kgal (Line 3+12)	-	-	-	-	-	-	-	-	-	-	-	-		
22	Less: Ending Inventory (Line 4+13)	-	-	-	-	-	-	-	-	-	-	-	-		
23	Less: Inventory Adjustments (Line 5+14)	-	-	-	-	-	-	-	-	-	-	-	-		
24	Total Well Storage Available for Sale - kgal (Sum Lines 21-23)	-	-	-	-	-	-	-	-	-	-	-	-		
25	Less: Plant Use and Line Loss	(64,523)	(21,565)	(83,653)	(65,578)	(74,842)	(68,555)	(16,172)	(104,267)	(51,710)	(62,597)	(73,267)	(119,874)		
26	Sales - kgal (Line 20+24+25)	113,687	137,572	92,458	112,396	99,567	114,467	155,523	82,201	94,819	112,975	77,380	47,554		

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Worksheet B7 - Historical Water Costs

Line #	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	
St. Thomas													
1	Gross Production - kgal	77,046	65,478	72,454	75,773	73,030	88,181	81,767	87,645	56,791	83,419	68,229	74,087
2	% Provided by Electric System	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
3	Quantity Provided by Electric System - kgal (Line 1x2)	-	-	-	-	-	-	-	-	-	-	-	-
4	Net Purchases from Seven Seas - kgal	77,046	65,478	72,454	75,773	73,030	88,181	81,767	87,645	56,791	83,419	68,229	74,087
5	Net Purchases - Millions of Gallons per Day (MGD)	2.485	2.338	2.337	2.526	2.356	2.939	2.638	2.827	1.893	2.691	2.274	2.390
6	Sales to Electric System - Max of Consumption or Minimum Take - kgal	10,850	9,800	10,850	10,500	10,850	10,500	10,850	10,850	10,500	10,850	10,500	10,850
7	% Ultra Pure Water (UPW)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
8	Ultra Pure Water Sales to Electric System - kgal (Line 6x7)	10,850	9,800	10,850	10,500	10,850	10,500	10,850	10,850	10,500	10,850	10,500	10,850
9	Regular Water Sales to Electric System - kgal (Line 6-8)	-	-	-	-	-	-	-	-	-	-	-	-
First Pass Charges (Regular Water)													
10	Net Purchases from Seven Seas - kgal (Line 4+9)	77,046	65,478	72,454	75,773	73,030	88,181	81,767	87,645	56,791	83,419	68,229	74,087
11	Water Rate / kgal - First Pass - Due to Seven Seas	\$ 5.95	\$ 5.95	\$ 5.95	\$ 5.95	\$ 5.95	\$ 5.95	\$ 5.95	\$ 5.95	\$ 6.44	\$ 6.44	\$ 6.44	\$ 6.44
12	Amount Due to Seven Seas - Regular Water (Line 10x11)	\$ 458,422	\$ 389,592	\$ 431,103	\$ 450,849	\$ 434,530	\$ 524,679	\$ 486,512	\$ 521,488	\$ 365,732	\$ 537,218	\$ 439,393	\$ 477,122
13	Power from Electric System - kWh	883,920	764,540	843,280	883,920	845,820	995,680	906,780	985,520	635,000	914,400	756,920	828,040
14	kWh per kgal (Line 13/10)	11.47	11.68	11.64	11.67	11.58	11.29	11.09	11.24	11.18	10.96	11.09	11.18
15	Electric Rate / kWh - Due to Electric System	\$ 0.17	\$ 0.17	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22
16	Amount Due to Electric System - Regular Water (Line 13x15)	\$ 152,145	\$ 131,596	\$ 187,377	\$ 196,407	\$ 187,941	\$ 221,240	\$ 201,487	\$ 218,983	\$ 141,097	\$ 203,180	\$ 168,188	\$ 183,990
17	Total First Pass Charges - Regular Water (Line 12+16)	\$ 610,566	\$ 521,189	\$ 618,480	\$ 647,256	\$ 622,472	\$ 745,919	\$ 687,998	\$ 740,470	\$ 506,829	\$ 740,398	\$ 607,580	\$ 661,113
Second Pass Charges (Ultra Pure Water)													
18a	Ultra Pure Water Consumption	2,287	1,774	1,937	2,270	1,564	1,696	1,952	2,434	2,095	2,533	2,228	2,345
18b	Max of Consumption or Minimum Take - Sales to Electric System - kgal (Line 8)	10,850	9,800	10,850	10,500	10,850	10,500	10,850	10,850	10,500	10,850	10,500	10,850
19	Water Rate / kgal - UPW - Due to Seven Seas	\$ 2.76	\$ 2.76	\$ 2.76	\$ 2.76	\$ 2.76	\$ 2.76	\$ 2.76	\$ 2.76	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99
20	Amount Due to Seven Seas - Ultra Pure Water (Line 18b x 19)	\$ 29,946	\$ 27,048	\$ 29,946	\$ 28,980	\$ 29,946	\$ 28,980	\$ 29,946	\$ 29,946	\$ 31,395	\$ 32,442	\$ 31,395	\$ 32,442
21	Power from Electric System - kWh	17,033	14,801	15,412	16,353	17,146	17,199	17,811	17,508	15,885	17,538	17,055	17,112
22	Ultra Pure Water - kWh per kgal (Line 21/18a)	7.45	8.34	7.96	7.20	10.96	10.14	9.12	7.19	7.58	6.92	7.66	7.30
23	Electric Rate / kWh - Due to Electric System	\$ 0.17	\$ 0.17	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22
24	Amount Due to Electric System - Ultra Pure Water (Line 21x23)	\$ 2,932	\$ 2,548	\$ 3,425	\$ 3,634	\$ 3,810	\$ 3,822	\$ 3,958	\$ 3,890	\$ 3,530	\$ 3,897	\$ 3,790	\$ 3,802
25	Total Second Pass Charges - Ultra Pure Water (Line 20+24)	\$ 32,878	\$ 29,596	\$ 33,371	\$ 32,614	\$ 33,756	\$ 32,802	\$ 33,904	\$ 33,836	\$ 34,925	\$ 36,338	\$ 35,185	\$ 36,244
Invoice Adjustments													
26	Plus: Late Fees	-	-	-	-	-	-	-	-	-	-	-	-
27	Less: Credits	-	-	-	-	-	-	-	-	-	-	-	-
28	Total Invoice Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
29	Total Water and Electric Charges (Lines 17+25)	\$ 643,444	\$ 550,784	\$ 651,851	\$ 679,870	\$ 656,228	\$ 778,721	\$ 721,902	\$ 774,307	\$ 541,754	\$ 776,736	\$ 642,765	\$ 697,357
Summary of Projected Costs (\$)													
30	Total Cost of Purchased Water - Due to Seven Seas (Lines 12+20)	\$ 488,368	\$ 416,640	\$ 461,049	\$ 479,829	\$ 464,476	\$ 553,659	\$ 516,458	\$ 551,434	\$ 397,127	\$ 569,660	\$ 470,788	\$ 509,564
31	Total Electricity Charges - Due to Electric System (Lines 16+24)	155,077	134,144	190,801	200,041	191,751	225,062	205,444	222,873	144,627	207,077	171,977	187,793
32	Less: Electric System Billings for Internal Plant Use - Water	(91,032)	(82,222)	(91,032)	(88,095)	(91,032)	(88,095)	(91,032)	(91,032)	(95,655)	(98,844)	(95,655)	(98,844)
33	Less: Electric System Billings for Internal Plant Use - Electricity	(7,449)	(6,113)	(8,434)	(9,518)	(7,836)	(8,077)	(8,768)	(9,973)	(10,067)	(9,281)	(9,625)	(9,625)
34	Less: Electric System Billings for STT Station #2 Use - Water	(24,655)	(20,953)	(23,185)	(24,247)	(23,370)	(28,218)	(26,165)	(28,046)	(18,173)	(26,694)	(21,833)	(23,708)
35	Total Water Purchase Costs - Billed to Customers (Sum Lines 30-34)	\$ 520,309	\$ 441,496	\$ 529,200	\$ 558,009	\$ 533,991	\$ 654,331	\$ 595,937	\$ 645,256	\$ 419,190	\$ 641,132	\$ 515,996	\$ 565,180

U.S. Virgin Islands Water and Power Authority
Worksheet B7 - Historical Water Costs

Line #	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	
St. Croix													
36	Gross Production - kgal	104,494	96,404	106,701	105,428	103,958	97,561	92,887	102,447	93,126	95,918	85,910	98,167
37	% Provided by Electric System	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
38	Quantity Provided by Electric System - kgal (Line 36x37)	-	-	-	-	-	-	-	-	-	-	-	-
39	Net Purchases from Seven Seas - kgal	104,494	96,404	106,701	105,428	103,958	97,561	92,887	102,447	93,126	95,918	85,910	98,167
40	Net Purchases - Millions of Gallons per Day (MGD)	3.371	3.443	3.442	3.514	3.353	3.252	2.996	3.305	3.104	3.094	2.864	3.167
41	Sales to Electric System - Max of Consumption or Minimum Take - kgal	4,340	3,920	4,340	4,200	4,340	4,200	4,340	4,340	4,200	4,340	4,200	4,340
42	% Ultra Pure Water (UPW)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
43	Ultra Pure Water Sales to Electric System - kgal (Line 41x42)	4,340	3,920	4,340	4,200	4,340	4,200	4,340	4,340	4,200	4,340	4,200	4,340
44	Regular Water Sales to Electric System - kgal (Line 41-43)	-	-	-	-	-	-	-	-	-	-	-	-
First Pass Charges (Regular Water)													
45	Net Purchases from Seven Seas - kgal (Line 39+44)	104,494	96,404	106,701	105,428	103,958	97,561	92,887	102,447	93,126	95,918	85,910	98,167
46	Water Rate / kgal - First Pass - Due to Seven Seas	\$ 4.41	\$ 4.41	\$ 4.41	\$ 4.41	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77
47	Amount Due to Seven Seas - Regular Water (Line 45x46)	\$ 460,817	\$ 425,143	\$ 470,549	\$ 464,936	\$ 495,881	\$ 465,364	\$ 443,071	\$ 488,673	\$ 444,209	\$ 457,527	\$ 409,789	\$ 468,255
48	Power from Electric System - kWh	1,260,382	1,118,311	1,235,100	1,217,663	1,185,358	1,121,585	1,070,926	1,218,530	1,084,739	1,081,891	973,887	1,133,983
49	kWh per kgal (Line 48/45)	12.06	11.60	11.58	11.55	11.40	11.50	11.53	11.89	11.65	11.28	11.34	11.55
50	Electric Rate / kWh - Due to Electric System	\$ 0.17	\$ 0.17	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22
51	Amount Due to Electric System - Regular Water (Line 50x48)	\$ 216,943	\$ 192,489	\$ 274,439	\$ 270,565	\$ 263,387	\$ 249,216	\$ 237,960	\$ 270,757	\$ 241,029	\$ 240,396	\$ 216,398	\$ 251,971
52	Total First Pass Charges - Regular Water (Line 47+51)	\$ 677,760	\$ 617,632	\$ 744,988	\$ 735,501	\$ 759,268	\$ 714,580	\$ 681,031	\$ 759,430	\$ 685,238	\$ 697,923	\$ 626,187	\$ 720,226
Second Pass Charges (Ultra Pure Water)													
53a	Ultra Pure Water Consumption	1,042	970	1,107	956	1,016	1,024	1,006	1,190	1,292	1,232	1,264	2,481
53b	Max of Consumption or Minimum Take - Sales to Electric System - kgal (Line 43)	4,340	3,920	4,340	4,200	4,340	4,200	4,340	4,340	4,200	4,340	4,200	4,340
54	Water Rate / kgal - UPW - Due to Seven Seas	\$ 2.67	\$ 2.67	\$ 2.67	\$ 2.67	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89
55	Amount Due to Seven Seas - Ultra Pure Water (Line 53b x 54)	\$ 11,588	\$ 10,466	\$ 11,588	\$ 11,214	\$ 12,543	\$ 12,138	\$ 12,543	\$ 12,543	\$ 12,138	\$ 12,543	\$ 12,138	\$ 12,543
56	Power from Electric System - kWh	10,262	8,738	10,764	9,951	7,652	9,530	10,311	9,194	10,240	9,637	11,657	14,834
57	Ultra Pure Water - kWh per kgal (Line 56/53a)	9.85	9.01	9.73	10.41	7.53	9.31	10.25	7.72	7.93	7.82	9.22	5.98
58	Electric Rate / kWh - Due to Electric System	\$ 0.17	\$ 0.17	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22
59	Amount Due to Electric System - Ultra Pure Water (Line 56x58)	\$ 1,766	\$ 1,504	\$ 2,392	\$ 2,211	\$ 1,700	\$ 2,118	\$ 2,291	\$ 2,043	\$ 2,275	\$ 2,141	\$ 2,590	\$ 3,296
60	Total Second Pass Charges - Ultra Pure Water (Line 55+59)	\$ 13,354	\$ 11,970	\$ 13,980	\$ 13,425	\$ 14,243	\$ 14,256	\$ 14,834	\$ 14,586	\$ 14,413	\$ 14,684	\$ 14,728	\$ 15,839
Invoice Adjustments													
61	Plus: Late Fees	-	-	-	-	-	-	-	-	-	-	-	-
62	Less: Credits	-	-	-	-	-	-	-	-	-	-	-	-
63	Total Invoice Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
64	Total Water and Electric Charges (Lines 52+60)	\$ 691,115	\$ 629,603	\$ 758,968	\$ 748,926	\$ 773,511	\$ 728,835	\$ 695,865	\$ 774,016	\$ 699,651	\$ 712,608	\$ 640,915	\$ 736,065
Summary of Projected Costs (\$)													
65	Total Cost of Purchased Water - Due to Seven Seas (Lines 47+55)	\$ 472,405	\$ 435,610	\$ 482,137	\$ 476,150	\$ 508,424	\$ 477,502	\$ 455,614	\$ 501,216	\$ 456,347	\$ 470,070	\$ 421,927	\$ 480,798
66	Total Electricity Charges - Due to Electric System (Lines 51+59)	218,710	193,993	276,831	272,776	265,087	251,334	240,251	272,800	243,304	242,538	218,988	255,267
67	Less: Electric System Billings for Internal Plant Use - Water	(30,727)	(27,754)	(30,727)	(29,736)	(33,244)	(32,172)	(33,244)	(33,244)	(32,172)	(33,244)	(32,172)	(33,244)
68	Less: Electric System Billings for Internal Plant Use - Electricity	(3,930)	(3,442)	(5,238)	(4,664)	(4,274)	(4,732)	(4,869)	(5,189)	(5,619)	(5,228)	(5,773)	(9,665)
69	Less: Electric System Billings for STT Station #2 Use - Water	-	-	-	-	-	-	-	-	-	-	-	-
70	Total Water Purchase Costs - Billed to Customers (Sum Lines 65-69)	\$ 656,458	\$ 598,408	\$ 723,003	\$ 714,526	\$ 735,993	\$ 691,931	\$ 657,751	\$ 735,583	\$ 661,860	\$ 674,135	\$ 602,970	\$ 693,155

U.S. Virgin Islands Water and Power Authority
Worksheet B7 - Historical Water Costs

Line #	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
Combined Systems												
71	181,539	161,882	179,155	181,201	176,989	185,742	174,654	190,092	149,916	179,337	154,138	172,254
72	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
73	-	-	-	-	-	-	-	-	-	-	-	-
74	181,539	161,882	179,155	181,201	176,989	185,742	174,654	190,092	149,916	179,337	154,138	172,254
75	5.856	5.782	5.779	6.040	5.709	6.191	5.634	6.132	4.997	5.785	5.138	5.557
76	15,190	13,720	15,190	14,700	15,190	14,700	15,190	15,190	14,700	15,190	14,700	15,190
77	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
78	15,190	13,720	15,190	14,700	15,190	14,700	15,190	15,190	14,700	15,190	14,700	15,190
79	-	-	-	-	-	-	-	-	-	-	-	-
80	2,171,597	1,906,390	2,104,556	2,127,887	2,055,976	2,143,994	2,005,828	2,230,752	1,745,864	2,023,466	1,759,519	1,993,969
Summary of Projected Costs (\$)												
81	\$ 960,773	\$ 852,250	\$ 943,186	\$ 955,979	\$ 972,900	\$ 1,031,161	\$ 972,071	\$ 1,052,649	\$ 853,474	\$ 1,039,730	\$ 892,715	\$ 990,362
82	373,786	328,137	467,632	472,817	456,838	476,395	445,695	495,673	387,931	449,614	390,965	443,060
83	(121,759)	(109,976)	(121,759)	(117,831)	(124,276)	(120,267)	(124,276)	(124,276)	(127,827)	(132,088)	(127,827)	(132,088)
84	(11,378)	(9,555)	(13,672)	(14,182)	(12,109)	(12,809)	(13,637)	(15,161)	(14,355)	(15,296)	(15,054)	(19,290)
85	(24,655)	(20,953)	(23,185)	(24,247)	(23,370)	(28,218)	(26,165)	(28,046)	(18,173)	(26,694)	(21,833)	(23,708)
86	\$ 1,176,767	\$ 1,039,904	\$ 1,252,202	\$ 1,272,535	\$ 1,269,983	\$ 1,346,262	\$ 1,253,688	\$ 1,380,839	\$ 1,081,050	\$ 1,315,266	\$ 1,118,965	\$ 1,258,335

U.S. Virgin Islands Water and Power Authority
Worksheet B8 - Approved Water Sales

Line #		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	12-Month Total	Cross Reference WS #	Line #
St. Thomas																
1	Gross Production - kgal	59,412	54,238	70,757	76,798	76,626	80,452	73,809	56,920	62,932	65,743	47,036	75,316	800,039	B9	1
Well Storage Available for Sale																
2	Beginning Inventory - kgal	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Less: Ending Inventory	-	-	-	-	-	-	-	-	-	-	-	-	-		
4	Less: Inventory Adjustments	-	-	-	-	-	-	-	-	-	-	-	-	-		
5	Total Well Storage Available for Sale - kgal (Sum Lines 2-4)	-	-	-	-	-	-	-	-	-	-	-	-	-		
6	Less: Plant Use and Line Loss (Includes UPW Production)	(17,194)	(14,909)	(17,804)	(21,185)	(18,480)	(18,672)	(19,988)	(25,062)	(17,585)	(18,255)	(16,263)	(20,480)	(225,879)		
7	Sales Forecast - kgal (Line 1+5+6)	42,218	39,329	52,953	55,613	58,146	61,780	53,821	31,858	45,347	47,488	30,773	54,836	574,160		
St. Croix																
8	Gross Production - kgal	98,486	87,792	102,459	96,396	104,288	101,345	106,712	102,407	92,332	89,613	83,948	80,926	1,146,703	B9	36
Well Storage Available for Sale																
9	Beginning Inventory - kgal	-	-	-	-	-	-	-	-	-	-	-	-	-		
10	Less: Ending Inventory	-	-	-	-	-	-	-	-	-	-	-	-	-		
11	Less: Inventory Adjustments	-	-	-	-	-	-	-	-	-	-	-	-	-		
12	Total Well Storage Available for Sale - kgal (Sum Lines 9-11)	-	-	-	-	-	-	-	-	-	-	-	-	-		
13	Less: Plant Use and Line Loss (Includes UPW Production)	(45,192)	(40,254)	(46,907)	(44,158)	(47,569)	(46,158)	(48,716)	(46,894)	(42,316)	(41,250)	(38,686)	(37,467)	(525,567)		
14	Sales Forecast - kgal (Line 8+12+13)	53,293	47,538	55,552	52,239	56,719	55,187	57,996	55,513	50,016	48,363	45,262	43,459	621,136		
Combined Systems																
15	Gross Production (Line 1+8)	157,898	142,030	173,216	173,194	180,914	181,797	180,521	159,327	155,264	155,356	130,984	156,242	1,946,742	B9	71
Well Storage Available for Sale																
16	Beginning Inventory - kgal (Line 2+9)	-	-	-	-	-	-	-	-	-	-	-	-	-		
17	Less: Ending Inventory (Line 3+10)	-	-	-	-	-	-	-	-	-	-	-	-	-		
18	Less: Inventory Adjustments (Line 4+11)	-	-	-	-	-	-	-	-	-	-	-	-	-		
19	Total Well Storage Available for Sale - kgal (Sum Lines 16-18)	-	-	-	-	-	-	-	-	-	-	-	-	-		
20	Less: Plant Use and Line Loss (Includes UPW Production)	(62,387)	(55,163)	(64,711)	(65,343)	(66,049)	(64,830)	(68,704)	(71,956)	(59,901)	(59,506)	(54,949)	(57,948)	(751,446)		
21	Sales Forecast - kgal (Line 15+19+20)	95,511	86,867	108,504	107,851	114,865	116,968	111,817	87,371	95,363	95,850	76,035	98,294	1,195,296		

U.S. Virgin Islands Water and Power Authority
Worksheet B9 - Approved Water Costs

Line #	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	12-Month Total	
St. Thomas														
1	Gross Production - kgal	59,412	54,238	70,757	76,798	76,626	80,452	73,809	56,920	62,932	65,743	47,036	75,316	800,039
2	% Provided by Electric System	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-
3	Quantity Provided by Electric System - kgal (Line 1x2)	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Net Purchases from Seven Seas - kgal	59,412	54,238	70,757	76,798	76,626	80,452	73,809	56,920	62,932	65,743	47,036	75,316	800,039
5	Net Purchases - Millions of Gallons per Day (MGD)	1.917	1.937	2.282	2.560	2.472	2.682	2.381	1.836	2.098	2.121	1.568	2.430	26
6	Sales to Electric System - kgal	10,850	9,800	10,850	10,500	10,850	10,500	10,850	10,850	10,500	10,850	10,500	10,850	127,750
7	% Ultra Pure Water (UPW)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	-
8	Ultra Pure Water Sales to Electric System - kgal (Line 6x7)	10,850	9,800	10,850	10,500	10,850	10,500	10,850	10,850	10,500	10,850	10,500	10,850	127,750
9	Regular Water Sales to Electric System - kgal (Line 6-8)	-	-	-	-	-	-	-	-	-	-	-	-	-
First Pass Charges (Regular Water)														
10	Net Purchases from Seven Seas - kgal (Line 4+9)	59,412	54,238	70,757	76,798	76,626	80,452	73,809	56,920	62,932	65,743	47,036	75,316	800,039
11	Water Rate / kgal - First Pass - Due to Seven Seas	\$ 5.65	\$ 5.65	\$ 5.65	\$ 5.65	\$ 5.65	\$ 5.65	\$ 5.65	\$ 5.65	\$ 5.66	\$ 5.66	\$ 5.66	\$ 5.66	\$ 5.66
12	Amount Due to Seven Seas - Regular Water (Line 10x11)	\$ 335,680	\$ 306,445	\$ 399,775	\$ 433,909	\$ 432,939	\$ 454,552	\$ 417,021	\$ 321,598	\$ 356,495	\$ 372,418	\$ 266,448	\$ 426,647	\$ 4,523,926
13	Power from Electric System - kWh	669,652	611,331	797,518	865,611	863,676	906,793	831,921	641,561	709,324	741,007	530,156	848,907	9,017,457
14	kWh per kgal (Line 13/10)	11.27	11.27	11.27	11.27	11.27	11.27	11.27	11.27	11.27	11.27	11.27	11.27	11.27
15	Electric Rate / kWh - Due to Electric System	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21
16	Amount Due to Electric System - Regular Water (Line 13x15)	\$ 142,703	\$ 130,275	\$ 169,951	\$ 184,462	\$ 184,049	\$ 193,238	\$ 177,282	\$ 136,717	\$ 151,157	\$ 157,909	\$ 112,976	\$ 180,902	\$ 1,921,620
17	Total First Pass Charges - Regular Water (Line 12+16)	\$ 478,383	\$ 436,719	\$ 569,726	\$ 618,370	\$ 616,988	\$ 647,789	\$ 594,303	\$ 458,315	\$ 507,652	\$ 530,327	\$ 379,424	\$ 607,549	\$ 6,445,546
Second Pass Charges (Ultra Pure Water)														
18	Sales to Electric System - kgal (Line 8)	10,850	9,800	10,850	10,500	10,850	10,500	10,850	10,850	10,500	10,850	10,500	10,850	127,750
19	Water Rate / kgal - UPW - Due to Seven Seas	\$ 2.62	\$ 2.62	\$ 2.62	\$ 2.62	\$ 2.62	\$ 2.62	\$ 2.62	\$ 2.62	\$ 2.63	\$ 2.63	\$ 2.63	\$ 2.63	\$ 2.63
20	Amount Due to Seven Seas - Ultra Pure Water (Line 18x19)	\$ 28,427	\$ 25,676	\$ 28,427	\$ 27,510	\$ 28,427	\$ 27,510	\$ 28,427	\$ 28,427	\$ 27,593	\$ 28,512	\$ 27,593	\$ 28,512	\$ 335,041
21	Power from Electric System - kWh	18,687	18,878	18,687	18,084	18,687	18,084	18,687	18,687	18,084	18,687	18,084	18,687	220,021
22	Ultra Pure Water - kWh per kgal (Line 21/18)	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72
23	Electric Rate / kWh - Due to Electric System	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21
24	Amount Due to Electric System - Ultra Pure Water (Line 21x23)	\$ 3,982	\$ 3,597	\$ 3,982	\$ 3,854	\$ 3,982	\$ 3,854	\$ 3,982	\$ 3,982	\$ 3,854	\$ 3,982	\$ 3,854	\$ 3,982	\$ 46,887
25	Total Second Pass Charges - Ultra Pure Water (Line 20+24)	\$ 32,409	\$ 29,273	\$ 32,409	\$ 31,364	\$ 32,409	\$ 31,364	\$ 32,409	\$ 32,409	\$ 31,446	\$ 32,494	\$ 31,446	\$ 32,494	\$ 381,927
Invoice Adjustments														
26	Plus: Late Fees	-	-	-	-	-	-	-	-	-	-	-	-	-
27	Less: Credits	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Total Invoice Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
29	Total Water and Electric Charges (Lines 17+25)	\$ 510,792	\$ 465,992	\$ 602,135	\$ 649,734	\$ 649,397	\$ 679,153	\$ 626,712	\$ 490,724	\$ 539,098	\$ 562,821	\$ 410,870	\$ 640,044	\$ 6,827,473
Summary of Projected Costs (\$)														
30	Total Cost of Purchased Water - Due to Seven Seas (Lines 12+20)	\$ 364,107	\$ 332,121	\$ 428,202	\$ 461,419	\$ 461,366	\$ 482,062	\$ 445,448	\$ 350,025	\$ 384,087	\$ 400,931	\$ 294,040	\$ 455,159	\$ 4,858,966
31	Total Electricity Charges - Due to Electric System (Lines 16+24)	146,685	133,871	173,933	188,315	188,032	197,091	181,265	140,699	155,011	161,891	116,830	184,884	1,968,507
32	Less: Electric System Billings for Internal Plant Use - Water	(86,258)	(77,910)	(86,258)	(83,475)	(86,258)	(83,475)	(86,258)	(86,258)	(83,713)	(86,503)	(83,713)	(86,503)	(1,016,578)
33	Less: Electric System Billings for Internal Plant Use - Electricity	(30,043)	(27,135)	(30,043)	(29,074)	(30,043)	(29,074)	(30,043)	(30,043)	(29,074)	(30,043)	(29,074)	(30,043)	(353,730)
34	Less: Electric System Billings for STT Station #2 Use - Water	(19,012)	(17,356)	(22,642)	(24,575)	(24,520)	(25,745)	(23,619)	(18,214)	(20,138)	(21,038)	(15,052)	(24,101)	(256,012)
35	Total Water Purchase Costs - Billed to Customers (Sum Lines 30-34)	\$ 375,479	\$ 343,591	\$ 463,193	\$ 512,610	\$ 508,577	\$ 540,860	\$ 486,793	\$ 356,209	\$ 406,173	\$ 425,238	\$ 283,032	\$ 499,397	\$ 5,201,152

U.S. Virgin Islands Water and Power Authority
Worksheet B9 - Approved Water Costs

Line #	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	12-Month Total	
St. Croix														
36	Gross Production - kgal	98,486	87,792	102,459	96,396	104,288	101,345	106,712	102,407	92,332	89,613	83,948	80,926	1,146,703
37	% Provided by Electric System	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-
38	Quantity Provided by Electric System - kgal (Line 36x37)	-	-	-	-	-	-	-	-	-	-	-	-	-
39	Net Purchases from Seven Seas - kgal	98,486	87,792	102,459	96,396	104,288	101,345	106,712	102,407	92,332	89,613	83,948	80,926	1,146,703
40	Net Purchases - Millions of Gallons per Day (MGD)	3.177	3.135	3.305	3.213	3.364	3.378	3.442	3.303	3.078	2.891	2.798	2.611	38
41	Sales to Electric System - kgal	4,340	3,920	4,340	4,200	4,340	4,200	4,340	4,340	4,200	4,340	4,200	4,340	51,100
42	% Ultra Pure Water (UPW)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
43	Ultra Pure Water Sales to Electric System - kgal (Line 41x42)	4,340	3,920	4,340	4,200	4,340	4,200	4,340	4,340	4,200	4,340	4,200	4,340	51,100
44	Regular Water Sales to Electric System - kgal (Line 41-43)	-	-	-	-	-	-	-	-	-	-	-	-	-
First Pass Charges (Regular Water)														
45	Net Purchases from Seven Seas - kgal (Line 39+44)	98,486	87,792	102,459	96,396	104,288	101,345	106,712	102,407	92,332	89,613	83,948	80,926	1,146,703
46	Water Rate / kgal - First Pass - Due to Seven Seas	\$ 4.41	\$ 4.41	\$ 4.41	\$ 4.41	\$ 4.42	\$ 4.42	\$ 4.42	\$ 4.42	\$ 4.42	\$ 4.42	\$ 4.42	\$ 4.42	\$ 4.42
47	Amount Due to Seven Seas - Regular Water (Line 45x46)	\$ 434,321	\$ 387,162	\$ 451,843	\$ 425,108	\$ 461,220	\$ 448,206	\$ 471,941	\$ 452,902	\$ 408,345	\$ 396,320	\$ 371,266	\$ 357,901	\$ 5,066,534
48	Power from Electric System - kWh	1,156,657	1,031,066	1,203,320	1,132,121	1,224,802	1,190,242	1,253,271	1,202,713	1,084,388	1,052,454	985,922	950,430	13,467,385
49	kWh per kgal (Line 48/45)	11.74	11.74	11.74	11.74	11.74	11.74	11.74	11.74	11.74	11.74	11.74	11.74	11.74
50	Electric Rate / kWh - Due to Electric System	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21
51	Amount Due to Electric System - Regular Water (Line 50x48)	\$ 246,484	\$ 219,720	\$ 256,427	\$ 241,255	\$ 261,005	\$ 253,641	\$ 267,072	\$ 256,298	\$ 231,083	\$ 224,278	\$ 210,100	\$ 202,537	\$ 2,869,900
52	Total First Pass Charges - Regular Water (Line 47+51)	\$ 680,805	\$ 606,882	\$ 708,270	\$ 666,363	\$ 722,226	\$ 701,847	\$ 739,013	\$ 709,200	\$ 639,428	\$ 620,598	\$ 581,366	\$ 560,438	\$ 7,936,434
Second Pass Charges (Ultra Pure Water)														
53	Sales to Electric System - kgal (Line 43)	4,340	3,920	4,340	4,200	4,340	4,200	4,340	4,340	4,200	4,340	4,200	4,340	51,100
54	Water Rate / kgal - UPW - Due to Seven Seas	\$ 2.67	\$ 2.67	\$ 2.67	\$ 2.67	\$ 2.68	\$ 2.68	\$ 2.68	\$ 2.68	\$ 2.68	\$ 2.68	\$ 2.68	\$ 2.68	\$ 2.68
55	Amount Due to Seven Seas - Ultra Pure Water (Line 53x54)	\$ 11,588	\$ 10,466	\$ 11,588	\$ 11,214	\$ 11,623	\$ 11,248	\$ 11,623	\$ 11,623	\$ 11,248	\$ 11,623	\$ 11,248	\$ 11,623	\$ 136,712
56	Power from Electric System - kWh	12,684	11,456	12,684	12,275	12,684	12,275	12,684	12,684	12,275	12,684	12,275	12,684	149,342
57	Ultra Pure Water - kWh per kgal (Line 56/53)	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92
58	Electric Rate / kWh - Due to Electric System	\$ 0.19	\$ 0.19	\$ 0.19	\$ 0.19	\$ 0.19	\$ 0.19	\$ 0.19	\$ 0.19	\$ 0.19	\$ 0.19	\$ 0.19	\$ 0.19	\$ 0.19
59	Amount Due to Electric System - Ultra Pure Water (Line 56x58)	\$ 2,408	\$ 2,175	\$ 2,408	\$ 2,331	\$ 2,408	\$ 2,331	\$ 2,408	\$ 2,408	\$ 2,331	\$ 2,408	\$ 2,331	\$ 2,408	\$ 28,356
60	Total Second Pass Charges - Ultra Pure Water (Line 55+59)	\$ 13,996	\$ 12,642	\$ 13,996	\$ 13,545	\$ 14,031	\$ 13,578	\$ 14,031	\$ 14,031	\$ 13,578	\$ 14,031	\$ 13,578	\$ 14,031	\$ 165,067
Invoice Adjustments														
61	Plus: Late Fees	-	-	-	-	-	-	-	-	-	-	-	-	-
62	Less: Credits	-	-	-	-	-	-	-	-	-	-	-	-	-
63	Total Invoice Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
64	Total Water and Electric Charges (Lines 52+60)	\$ 694,801	\$ 619,524	\$ 722,266	\$ 679,907	\$ 736,256	\$ 715,425	\$ 753,043	\$ 723,231	\$ 653,006	\$ 634,629	\$ 594,944	\$ 574,468	\$ 8,101,501
Summary of Projected Costs (\$)														
65	Total Cost of Purchased Water - Due to Seven Seas (Lines 47+55)	\$ 445,909	\$ 397,628	\$ 463,431	\$ 436,322	\$ 472,843	\$ 459,454	\$ 483,563	\$ 464,525	\$ 419,592	\$ 407,942	\$ 382,514	\$ 369,523	\$ 5,203,246
66	Total Electricity Charges - Due to Electric System (Lines 51+59)	248,892	221,895	258,836	243,586	263,414	255,971	269,480	258,706	233,414	226,686	212,431	204,945	2,898,255
67	Less: Electric System Billings for Internal Plant Use - Water	(30,727)	(27,754)	(30,727)	(29,736)	(30,817)	(29,822)	(30,817)	(30,817)	(29,822)	(30,817)	(29,822)	(30,817)	(362,494)
68	Less: Electric System Billings for Internal Plant Use - Electricity	(13,270)	(11,986)	(13,270)	(12,842)	(13,270)	(12,842)	(13,270)	(13,270)	(12,842)	(13,270)	(12,842)	(13,270)	(156,246)
69	Less: Electric System Billings for STT Station #2 Use - Water	-	-	-	-	-	-	-	-	-	-	-	-	-
70	Total Water Purchase Costs - Billed to Customers (Sum Lines 65-69)	\$ 650,803	\$ 579,784	\$ 678,269	\$ 637,329	\$ 692,170	\$ 672,760	\$ 708,957	\$ 679,144	\$ 610,341	\$ 590,542	\$ 552,280	\$ 530,382	\$ 7,582,761

U.S. Virgin Islands Water and Power Authority
Worksheet B9 - Approved Water Costs

Line #		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	12-Month Total
Combined Systems														
71	Gross Production - kgal (Lines 1+36)	157,898	142,030	173,215	173,194	180,914	181,797	180,521	159,327	155,264	155,356	130,984	156,242	1,946,742
72	% Provided by Electric System	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
73	Quantity Provided by Electric System - kgal (Line 71x72)	-	-	-	-	-	-	-	-	-	-	-	-	-
74	Net Purchases from Seven Seas - kgal (Lines 4+39)	157,898	142,030	173,215	173,194	180,914	181,797	180,521	159,327	155,264	155,356	130,984	156,242	1,946,742
75	Net Purchases - Millions of Gallons per Day (MGD)	5.093	5.072	5.588	5.773	5.836	6.060	5.823	5.140	5.175	5.011	4.366	5.040	5.334
76	Sales to Electric System - kgal (Lines 6+41)	15,190	13,720	15,190	14,700	15,190	14,700	15,190	15,190	14,700	15,190	14,700	15,190	178,850
77	% Ultra Pure Water (UPW)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
78	Ultra Pure Water Sales to Electric System - kgal (Line 76x77)	15,190	13,720	15,190	14,700	15,190	14,700	15,190	15,190	14,700	15,190	14,700	15,190	178,850
79	Regular Water Sales to Electric System - kgal (Line 76-78)	-	-	-	-	-	-	-	-	-	-	-	-	-
80	Power from Electric System - kWh (Lines 13+21+48+56)	1,857,680	1,670,732	2,032,208	2,028,091	2,119,849	2,127,393	2,116,562	1,875,644	1,824,070	1,824,832	1,546,436	1,830,708	22,854,205
Summary of Projected Costs (\$)														
81	Total Cost of Purchased Water - Due to Seven Seas (Lines 30+65)	\$ 810,016	\$ 729,749	\$ 891,633	\$ 897,741	\$ 934,209	\$ 941,516	\$ 929,011	\$ 814,550	\$ 803,680	\$ 808,873	\$ 676,554	\$ 824,683	\$ 10,062,212
82	Total Electricity Charges - Due to Electric System (Lines 31+66)	395,577	355,767	432,769	431,901	451,445	453,062	450,745	399,405	388,424	388,577	329,260	389,829	4,866,762
83	Less: Electric System Billings for Internal Plant Use - Water (Lines 32+67)	(116,985)	(105,664)	(116,985)	(113,211)	(117,074)	(113,297)	(117,074)	(117,074)	(113,535)	(117,319)	(113,535)	(117,319)	(1,379,072)
84	Less: Electric System Billings for Internal Plant Use - Electricity (Lines 33+68)	(43,313)	(39,121)	(43,313)	(41,916)	(43,313)	(41,916)	(43,313)	(43,313)	(41,916)	(43,313)	(41,916)	(43,313)	(509,976)
85	Less: Electric System Billings for STT Station #2 Use - Water (Lines 34+69)	(19,012)	(17,356)	(22,642)	(24,575)	(24,520)	(25,745)	(23,619)	(18,214)	(20,138)	(21,038)	(15,052)	(24,101)	(256,012)
86	Total Water Purchase Costs - Billed to Customers (Sum Lines 81-85)	\$ 1,026,283	\$ 923,375	\$ 1,141,462	\$ 1,149,939	\$ 1,200,746	\$ 1,213,620	\$ 1,195,750	\$ 1,035,353	\$ 1,016,515	\$ 1,015,780	\$ 835,312	\$ 1,029,778	\$ 12,783,913

U.S. Virgin Islands Water and Power Authority
Worksheet B10 - Projected Water Sales

Line #		Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	12-Month Total	Cross Reference WS #	Line #
St. Thomas																
1	Gross Production - kgal	77,046	65,478	72,454	75,773	73,030	88,181	81,767	87,645	56,791	83,419	68,229	74,087	903,900	B11	1
2	Less: Ultra Pure Water Production	(2,287)	(1,774)	(1,937)	(2,270)	(1,564)	(1,696)	(1,952)	(2,434)	(2,095)	(2,533)	(2,228)	(2,345)	(25,116)	B11	18a
3	Available Production Before Plant Use and Line Loss (Line 1+2)	74,758	63,704	70,517	73,503	71,466	86,485	79,815	85,211	54,695	80,886	66,001	71,743	878,783		
Well Storage Available for Sale																
3	Beginning Inventory - kgal	-	-	-	-	-	-	-	-	-	-	-	-	-		
4	Less: Ending Inventory	-	-	-	-	-	-	-	-	-	-	-	-	-		
5	Less: Inventory Adjustments	-	-	-	-	-	-	-	-	-	-	-	-	-		
6	Total Well Storage Available for Sale - kgal (Sum Lines 3-5)	-	-	-	-	-	-	-	-	-	-	-	-	-		
7	Less: Plant Use and Line Loss	(13,401)	24,706	(28,601)	2,878	(20,110)	(15,907)	418	(41,107)	10,027	(4,670)	4,148	(58,593)	(140,212)		
8	Sales - kgal (Line 3+6+7)	61,357	88,410	41,916	76,381	51,356	70,579	80,232	44,103	64,722	76,215	70,149	13,150	738,571		
St. Croix																
9	Gross Production - kgal	104,494	96,404	106,701	105,428	103,958	97,561	92,887	102,447	93,126	95,918	85,910	98,167	1,182,999	B11	36
10	Less: Ultra Pure Water Production	(1,042)	(970)	(1,107)	(956)	(1,019)	(1,024)	(1,006)	(1,190)	(1,292)	(1,232)	(1,264)	(2,481)	(14,579)	B11	53a
11	Available Production Before Plant Use and Line Loss (Line 9+10)	103,452	95,434	105,594	104,472	102,939	96,537	91,881	101,257	91,834	94,686	84,646	95,685	1,168,419		
Well Storage Available for Sale																
12	Beginning Inventory - kgal	-	-	-	-	-	-	-	-	-	-	-	-	-		
13	Less: Ending Inventory	-	-	-	-	-	-	-	-	-	-	-	-	-		
14	Less: Inventory Adjustments	-	-	-	-	-	-	-	-	-	-	-	-	-		
15	Total Well Storage Available for Sale - kgal (Sum Lines 12-14)	-	-	-	-	-	-	-	-	-	-	-	-	-		
16	Less: Plant Use and Line Loss	(51,122)	(46,271)	(55,052)	(68,456)	(54,732)	(52,648)	(16,590)	(63,160)	(61,737)	(57,926)	(77,416)	(61,281)	(666,391)		
17	Sales - kgal (Line 11+15+16)	52,329	49,163	50,542	36,016	48,211	43,889	75,291	38,097	30,097	36,760	7,230	34,405	502,028		
Combined Systems																
18	Gross Production - kgal (Line 1+9)	181,539	161,882	179,155	181,201	176,989	185,742	174,654	190,092	149,916	179,337	154,138	172,254	2,086,898	B11	71
19	Less: Ultra Pure Water Production (Line 2+10)	(3,329)	(2,744)	(3,044)	(3,226)	(2,580)	(2,720)	(2,958)	(3,625)	(3,387)	(3,765)	(3,491)	(4,826)	(39,696)		
20	Available Production Before Plant Use and Line Loss (Line 18+19)	178,210	159,138	176,111	177,975	174,409	183,022	171,695	186,468	146,529	175,572	150,647	167,428	2,047,203		
Well Storage Available for Sale																
21	Beginning Inventory - kgal (Line 3+12)	-	-	-	-	-	-	-	-	-	-	-	-	-		
22	Less: Ending Inventory (Line 4+13)	-	-	-	-	-	-	-	-	-	-	-	-	-		
23	Less: Inventory Adjustments (Line 5+14)	-	-	-	-	-	-	-	-	-	-	-	-	-		
24	Total Well Storage Available for Sale - kgal (Sum Lines 21-23)	-	-	-	-	-	-	-	-	-	-	-	-	-		
25	Less: Plant Use and Line Loss	(64,523)	(21,565)	(83,653)	(65,578)	(74,842)	(68,555)	(16,172)	(104,267)	(51,710)	(62,597)	(73,267)	(119,874)	(806,603)		
26	Sales - kgal (Line 20+24+25)	113,687	137,572	92,458	112,396	99,567	114,467	155,523	82,201	94,819	112,975	77,380	47,554	1,240,599		

U.S. Virgin Islands Water and Power Authority
Worksheet B11 - Projected Water Costs

Line #	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	12-Month Total	
St. Thomas														
1	Gross Production - kgal	77,046	65,478	72,454	75,773	73,030	88,181	81,767	87,645	56,791	83,419	68,229	74,087	903,900
2	% Provided by Electric System	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-
3	Quantity Provided by Electric System - kgal (Line 1x2)	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Net Purchases from Seven Seas - kgal	77,046	65,478	72,454	75,773	73,030	88,181	81,767	87,645	56,791	83,419	68,229	74,087	903,900
5	Net Purchases - Millions of Gallons per Day (MGD)	2.485	2.338	2.337	2.526	2.356	2.939	2.638	2.827	1.893	2.691	2.274	2.390	30
6	Sales to Electric System - Max of Consumption or Minimum Take - kgal	10,850	9,800	10,850	10,500	10,850	10,500	10,850	10,850	10,500	10,850	10,500	10,850	127,750
7	% Ultra Pure Water (UPW)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
8	Ultra Pure Water Sales to Electric System - kgal (Line 6x7)	10,850	9,800	10,850	10,500	10,850	10,500	10,850	10,850	10,500	10,850	10,500	10,850	127,750
9	Regular Water Sales to Electric System - kgal (Line 6-8)	-	-	-	-	-	-	-	-	-	-	-	-	-
First Pass Charges (Regular Water)														
10	Net Purchases from Seven Seas - kgal (Line 4+9)	77,046	65,478	72,454	75,773	73,030	88,181	81,767	87,645	56,791	83,419	68,229	74,087	903,900
11	Water Rate / kgal - First Pass - Due to Seven Seas	\$ 6.44	\$ 6.44	\$ 6.44	\$ 6.44	\$ 6.44	\$ 6.44	\$ 6.44	\$ 6.44	\$ 6.44	\$ 6.44	\$ 6.44	\$ 6.44	\$ 6.44
12	Amount Due to Seven Seas - Regular Water (Line 10x11)	\$ 496,174	\$ 421,676	\$ 466,606	\$ 487,978	\$ 470,315	\$ 567,888	\$ 526,577	\$ 564,434	\$ 365,732	\$ 537,218	\$ 439,393	\$ 477,122	\$ 5,821,114
13	Power from Electric System - kWh	883,920	764,540	843,280	883,920	845,820	995,680	906,780	985,520	635,000	914,400	756,920	828,040	10,243,820
14	kWh per kgal (Line 13/10)	11.47	11.68	11.64	11.67	11.58	11.29	11.09	11.24	11.18	10.96	11.09	11.18	11.18
15	Electric Rate / kWh - Due to Electric System	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22
16	Amount Due to Electric System - Regular Water (Line 13x15)	\$ 196,407	\$ 169,881	\$ 187,377	\$ 196,407	\$ 187,941	\$ 221,240	\$ 201,487	\$ 218,983	\$ 141,097	\$ 203,180	\$ 168,188	\$ 183,990	\$ 2,276,177
17	Total First Pass Charges - Regular Water (Line 12+16)	\$ 692,581	\$ 591,557	\$ 653,983	\$ 684,385	\$ 658,257	\$ 789,128	\$ 728,064	\$ 783,416	\$ 506,829	\$ 740,398	\$ 607,580	\$ 661,113	\$ 8,097,291
Second Pass Charges (Ultra Pure Water)														
18a	Ultra Pure Water Consumption	2,287	1,774	1,937	2,270	1,564	1,686	1,952	2,434	2,095	2,533	2,228	2,345	25,116
18b	Max of Consumption or Minimum Take - Sales to Electric System - kgal (Line 8)	10,850	9,800	10,850	10,500	10,850	10,500	10,850	10,850	10,500	10,850	10,500	10,850	127,750
19	Water Rate / kgal - UPW - Due to Seven Seas	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99
20	Amount Due to Seven Seas - Ultra Pure Water (Line 18b x 19)	\$ 32,442	\$ 29,302	\$ 32,442	\$ 31,395	\$ 32,442	\$ 31,395	\$ 32,442	\$ 32,442	\$ 31,395	\$ 32,442	\$ 31,395	\$ 32,442	\$ 381,973
21	Power from Electric System - kWh	17,033	14,801	15,412	16,353	17,146	17,199	17,811	17,508	15,885	17,538	17,055	17,112	200,853
22	Ultra Pure Water - kWh per kgal (Line 21/18a)	7.45	8.34	7.96	7.20	10.96	10.14	9.12	7.19	7.58	6.92	7.66	7.30	7.30
23	Electric Rate / kWh - Due to Electric System	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22
24	Amount Due to Electric System - Ultra Pure Water (Line 21x23)	\$ 3,785	\$ 3,289	\$ 3,425	\$ 3,634	\$ 3,810	\$ 3,822	\$ 3,958	\$ 3,890	\$ 3,530	\$ 3,897	\$ 3,790	\$ 3,802	\$ 44,630
25	Total Second Pass Charges - Ultra Pure Water (Line 20+24)	\$ 36,226	\$ 32,591	\$ 35,866	\$ 35,029	\$ 36,251	\$ 35,217	\$ 36,399	\$ 36,332	\$ 34,925	\$ 36,338	\$ 35,185	\$ 36,244	\$ 426,602
Invoice Adjustments														
26	Plus: Late Fees	-	-	-	-	-	-	-	-	-	-	-	-	-
27	Less: Credits	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Total Invoice Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
29	Total Water and Electric Charges (Lines 17+25)	\$ 728,807	\$ 624,148	\$ 689,849	\$ 719,414	\$ 694,508	\$ 824,345	\$ 764,463	\$ 819,748	\$ 541,754	\$ 776,736	\$ 642,765	\$ 697,357	\$ 8,523,893
Summary of Projected Costs (\$)														
30	Total Cost of Purchased Water - Due to Seven Seas (Lines 12+20)	\$ 528,616	\$ 450,978	\$ 499,047	\$ 519,373	\$ 502,757	\$ 599,283	\$ 559,019	\$ 596,875	\$ 397,127	\$ 569,660	\$ 470,788	\$ 509,564	\$ 6,203,086
31	Total Electric Charges - Due to Electric System (Lines 16+24)	200,192	173,170	190,801	200,041	191,751	225,062	205,444	222,873	144,627	207,077	171,977	187,793	2,320,806
32	Less: Electric System Billings for Internal Plant Use - Water	(98,844)	(89,278)	(98,844)	(95,655)	(98,844)	(95,655)	(98,844)	(98,844)	(95,655)	(98,844)	(95,655)	(98,844)	(1,163,803)
33	Less: Electric System Billings for Internal Plant Use - Electricity	(9,616)	(7,891)	(8,434)	(9,518)	(7,836)	(8,077)	(8,768)	(9,973)	(8,736)	(10,067)	(9,281)	(9,625)	(107,821)
34	Less: Electric System Billings for STT Station #2 Use - Water	(24,655)	(20,953)	(23,185)	(24,247)	(23,370)	(28,218)	(26,165)	(28,046)	(18,173)	(26,694)	(21,833)	(23,708)	(289,248)
35	Total Water Purchase Costs - Billed to Customers (Sum Lines 30-34)	\$ 595,694	\$ 506,025	\$ 559,386	\$ 589,993	\$ 564,459	\$ 692,395	\$ 630,686	\$ 682,886	\$ 419,190	\$ 641,132	\$ 515,996	\$ 565,180	\$ 6,963,022

U.S. Virgin Islands Water and Power Authority
Worksheet B11 - Projected Water Costs

Line #	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	12-Month Total
St. Croix													
36	104,494	96,404	106,701	105,428	103,958	97,561	92,887	102,447	93,126	95,918	85,910	98,167	1,182,999
37	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-
38	-	-	-	-	-	-	-	-	-	-	-	-	-
39	104,494	96,404	106,701	105,428	103,958	97,561	92,887	102,447	93,126	95,918	85,910	98,167	1,182,999
40	3.371	3.443	3.442	3.514	3.353	3.252	2.996	3.305	3.104	3.094	2.864	3.167	39
41	4,340	3,920	4,340	4,200	4,340	4,200	4,340	4,340	4,200	4,340	4,200	4,340	51,100
42	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
43	4,340	3,920	4,340	4,200	4,340	4,200	4,340	4,340	4,200	4,340	4,200	4,340	51,100
44	-	-	-	-	-	-	-	-	-	-	-	-	-
First Pass Charges (Regular Water)													
45	104,494	96,404	106,701	105,428	103,958	97,561	92,887	102,447	93,126	95,918	85,910	98,167	1,182,999
46	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77
47	\$ 498,435	\$ 459,849	\$ 508,961	\$ 502,890	\$ 495,881	\$ 465,364	\$ 443,071	\$ 488,673	\$ 444,209	\$ 457,527	\$ 409,789	\$ 468,255	\$ 5,642,904
48	1,260,382	1,118,311	1,235,100	1,217,663	1,185,358	1,121,585	1,070,926	1,218,530	1,084,739	1,081,891	973,887	1,133,983	13,702,355
49	12.06	11.60	11.58	11.55	11.40	11.50	11.53	11.89	11.65	11.28	11.34	11.55	-
50	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22
51	\$ 280,057	\$ 248,489	\$ 274,439	\$ 270,565	\$ 263,387	\$ 249,216	\$ 237,960	\$ 270,757	\$ 241,029	\$ 240,396	\$ 216,398	\$ 251,971	\$ 3,044,663
52	\$ 778,492	\$ 708,337	\$ 783,401	\$ 773,455	\$ 759,268	\$ 714,580	\$ 681,031	\$ 759,430	\$ 685,238	\$ 697,923	\$ 626,187	\$ 720,226	\$ 8,687,567
Second Pass Charges (Ultra Pure Water)													
53a	1,042	970	1,107	956	1,016	1,024	1,006	1,190	1,292	1,232	1,264	2,481	14,579
53b	4,340	3,920	4,340	4,200	4,340	4,200	4,340	4,340	4,200	4,340	4,200	4,340	51,100
54	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89
55	\$ 12,543	\$ 11,329	\$ 12,543	\$ 12,138	\$ 12,543	\$ 12,138	\$ 12,543	\$ 12,543	\$ 12,138	\$ 12,543	\$ 12,138	\$ 12,543	\$ 147,679
56	10,262	8,738	10,764	9,951	7,652	9,530	10,311	9,194	10,240	9,637	11,657	14,834	122,772
57	2.36	2.23	2.48	2.37	1.76	2.27	2.38	2.12	2.44	2.22	2.78	3.42	-
58	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22
59	\$ 2,280	\$ 1,942	\$ 2,392	\$ 2,211	\$ 1,700	\$ 2,118	\$ 2,291	\$ 2,043	\$ 2,275	\$ 2,141	\$ 2,590	\$ 3,296	\$ 27,280
60	\$ 14,823	\$ 13,270	\$ 14,934	\$ 14,349	\$ 14,243	\$ 14,256	\$ 14,834	\$ 14,586	\$ 14,413	\$ 14,684	\$ 14,728	\$ 15,839	\$ 174,959
Invoice Adjustments													
61	-	-	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-	-	-	-	-	-
63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
64	\$ 793,315	\$ 721,608	\$ 798,335	\$ 787,804	\$ 773,511	\$ 728,835	\$ 695,865	\$ 774,016	\$ 699,651	\$ 712,608	\$ 640,915	\$ 736,065	\$ 8,862,526
Summary of Projected Costs (\$)													
65	\$ 510,977	\$ 471,177	\$ 521,504	\$ 515,028	\$ 508,424	\$ 477,502	\$ 455,614	\$ 501,216	\$ 456,347	\$ 470,070	\$ 421,927	\$ 480,798	\$ 5,790,583
66	282,337	250,430	276,831	272,776	265,087	251,334	240,251	272,800	243,304	242,538	218,988	255,267	3,071,943
67	(33,244)	(30,027)	(33,244)	(32,172)	(33,244)	(32,172)	(33,244)	(33,244)	(32,172)	(33,244)	(32,172)	(33,244)	(391,426)
68	(3,340)	(2,982)	(3,456)	(2,956)	(2,971)	(3,131)	(3,109)	(3,706)	(4,044)	(3,695)	(3,962)	(8,254)	(45,606)
69	-	-	-	-	-	-	-	-	-	-	-	-	-
70	\$ 756,730	\$ 688,599	\$ 761,634	\$ 752,676	\$ 737,295	\$ 693,532	\$ 659,511	\$ 737,065	\$ 663,435	\$ 675,668	\$ 604,781	\$ 694,567	\$ 8,425,494

U.S. Virgin Islands Water and Power Authority
Worksheet B11 - Projected Water Costs

Line #		Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	12-Month Total
Combined Systems														
71	Gross Production - kgal (Lines 1+36)	181,539	161,882	179,155	181,201	176,989	185,742	174,654	190,092	149,916	179,337	154,138	172,254	2,086,898
72	% Provided by Electric System	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
73	Quantity Provided by Electric System - kgal (Line 71x72)	-	-	-	-	-	-	-	-	-	-	-	-	-
74	Net Purchases from Seven Seas - kgal (Lines 4+39)	181,539	161,882	179,155	181,201	176,989	185,742	174,654	190,092	149,916	179,337	154,138	172,254	2,086,898
75	Net Purchases - Millions of Gallons per Day (MGD)	5.856	5.782	5.779	6.040	5.709	6.191	5.634	6.132	4.997	5.785	5.138	5.557	5.718
76	Sales to Electric System - Max of Consumption or Minimum Take - kgal (Lines 6+41)	15,190	13,720	15,190	14,700	15,190	14,700	15,190	15,190	14,700	15,190	14,700	15,190	178,850
77	% Ultra Pure Water (UPW)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
78	Ultra Pure Water Sales to Electric System - kgal (Line 6x7)	15,190	13,720	15,190	14,700	15,190	14,700	15,190	15,190	14,700	15,190	14,700	15,190	178,850
79	Regular Water Sales to Electric System - kgal (Line 76-78)	-	-	-	-	-	-	-	-	-	-	-	-	-
80	Power from Electric System - kWh (Lines 13+21+48+56)	2,171,597	1,906,390	2,104,556	2,127,887	2,055,976	2,143,994	2,005,828	2,230,752	1,745,864	2,023,466	1,759,519	1,993,969	24,269,800
Summary of Projected Costs (\$)														
81	Total Cost of Purchased Water - Due to Seven Seas (Lines 30+65)	\$ 1,039,593	\$ 922,156	\$ 1,020,551	\$ 1,034,401	\$ 1,011,181	\$ 1,076,784	\$ 1,014,632	\$ 1,098,091	\$ 853,474	\$ 1,039,730	\$ 892,715	\$ 990,362	\$ 11,993,669
82	Total Electricity Charges - Due to Electric System (Lines 31+66)	482,529	423,600	467,632	472,817	456,838	476,395	445,695	495,673	387,931	449,614	390,965	443,060	5,392,750
83	Less: Electric System Billings for Internal Plant Use - Water (Lines 32+67)	(132,088)	(119,305)	(132,088)	(127,827)	(132,088)	(127,827)	(132,088)	(132,088)	(127,827)	(132,088)	(127,827)	(132,088)	(1,555,229)
84	Less: Electric System Billings for Internal Plant Use - Electricity (Lines 33+68)	(12,956)	(10,873)	(11,890)	(12,474)	(10,807)	(11,208)	(11,877)	(13,679)	(12,779)	(13,762)	(13,243)	(17,879)	(153,427)
85	Less: Electric System Billings for STT Station #2 Use - Water (Lines 34+69)	(24,655)	(20,953)	(23,185)	(24,247)	(23,370)	(28,218)	(26,165)	(28,046)	(18,173)	(26,694)	(21,833)	(23,708)	(289,248)
86	Total Water Purchase Costs - Billed to Customers (Sum Lines 81-85)	\$ 1,352,424	\$ 1,194,624	\$ 1,321,020	\$ 1,342,669	\$ 1,301,754	\$ 1,385,927	\$ 1,290,197	\$ 1,419,951	\$ 1,082,625	\$ 1,316,800	\$ 1,120,776	\$ 1,259,747	\$ 15,388,515

U.S. Virgin Islands Water and Power Authority
Water Rate Schedule

Line #		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
St. Thomas													
<i>First Pass (Regular Water) Charges</i>													
1	Base Water Charge (Line 6 - Sum Lines 2-5)	\$ 5.22	\$ 5.22	\$ 5.22	\$ 5.22	\$ 5.22	\$ 5.22	\$ 5.22	\$ 5.22	\$ 5.71	\$ 5.71	\$ 5.71	\$ 5.71
2	Station #2 (100% Billed to Electric)	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
3	Station #3	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
4	Post-Treatment Capital Cost	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
5	Facility Expansion Credit	-	-	-	-	-	-	-	-	-	-	-	-
6	Total First Pass Water Rate/kgal - Due to Seven Seas	\$ 5.95	\$ 5.95	\$ 5.95	\$ 5.95	\$ 5.95	\$ 5.95	\$ 5.95	\$ 5.95	\$ 6.44	\$ 6.44	\$ 6.44	\$ 6.44
<i>Ultra Pure Water Charges</i>													
7	Ultra Pure Water Charge	\$ 2.76	\$ 2.76	\$ 2.76	\$ 2.76	\$ 2.76	\$ 2.76	\$ 2.76	\$ 2.76	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99
8	Total Ultra Pure Water Rate per kgal - Due to Seven Seas (Line 13)	\$ 2.76	\$ 2.76	\$ 2.76	\$ 2.76	\$ 2.76	\$ 2.76	\$ 2.76	\$ 2.76	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99
St. Croix													
<i>First Pass (Regular Water) Charges</i>													
9	Base Water Charge (Line 13 - Sum Lines 10-12)	\$ 4.19	\$ 4.19	\$ 4.19	\$ 4.19	\$ 4.55	\$ 4.55	\$ 4.55	\$ 4.55	\$ 4.55	\$ 4.55	\$ 4.55	\$ 4.55
10	Civil Site Charge	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
11	Intake Pump Upgrade	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
12	Facility Expansion Credit	-	-	-	-	-	-	-	-	-	-	-	-
13	Total First Pass Water Rate/kgal - Due to Seven Seas	\$ 4.41	\$ 4.41	\$ 4.41	\$ 4.41	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77
<i>Ultra Pure Water Charges</i>													
14	Ultra Pure Water Charge	\$ 2.67	\$ 2.67	\$ 2.67	\$ 2.67	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89
15	Total Ultra Pure Water Rate per kgal - Due to Seven Seas (Line 14)	\$ 2.67	\$ 2.67	\$ 2.67	\$ 2.67	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89

U.S. Virgin Islands Water and Power Authority
 Water Rate Schedule

Line #	Jan-23 Forecast	Feb-23 Forecast	Mar-23 Forecast	Apr-23 Forecast	May-23 Forecast	Jun-23 Forecast	Jul-23 Forecast	Aug-23 Forecast	Sep-23 Forecast	Oct-23 Forecast	Nov-23 Forecast	Dec-23 Forecast
St. Thomas												
<i>First Pass (Regular Water) Charges</i>												
1	\$ 5.71	\$ 5.71	\$ 5.71	\$ 5.71	\$ 5.71	\$ 5.71	\$ 5.71	\$ 5.71	\$ 5.71	\$ 5.71	\$ 5.71	\$ 5.71
2	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
3	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
4	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
5	-	-	-	-	-	-	-	-	-	-	-	-
6	\$ 6.44	\$ 6.44	\$ 6.44	\$ 6.44	\$ 6.44	\$ 6.44	\$ 6.44	\$ 6.44	\$ 6.44	\$ 6.44	\$ 6.44	\$ 6.44
<i>Ultra Pure Water Charges</i>												
7	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99
8	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99	\$ 2.99
St. Croix												
<i>First Pass (Regular Water) Charges</i>												
9	\$ 4.55	\$ 4.55	\$ 4.55	\$ 4.55	\$ 4.55	\$ 4.55	\$ 4.55	\$ 4.55	\$ 4.55	\$ 4.55	\$ 4.55	\$ 4.55
10	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
11	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
12	-	-	-	-	-	-	-	-	-	-	-	-
13	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77	\$ 4.77
<i>Ultra Pure Water Charges</i>												
14	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89
15	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89	\$ 2.89