

		Rate Components							
	Source or Reference*	Preliminary Calculations	Site Availability Charge (SAC)	Volume	Shipments	Containers	Dose Rate	TOTAL	
1.	Revenue requirement by rate component for 2021								
2.	Revenue by rate component in 2021	2021 FCS 1, line 37	889,244	2,244,711	842,283	1,527,256	1,008,699	6,512,194	
3.	Overall end-of-year collection/(refund) due to SAC true-up	Exhibit 1	893,918	2,211,192	884,500	1,633,140	1,021,575	6,644,225	
4.	Revenue in 2021, including effect of SAC true-up	Line 2 + line 3	(66,463)					(66,463)	
5.	Revenue surplus/(deficit) for 2021	Line 4 – line 1	827,355	2,211,192	884,500	1,633,140	1,021,575	6,577,762	
6.	Calculation of 2021 NORM/NARM net revenue	Settlement \$ (a)	(61,889)	(33,519)	42,217	105,884	12,876	65,568	
7.	Revenue	Exhibit 3							
8.	Expenses	Exhibit 3							
9.	Net revenue	Line 7 – line 8							
10.	Generators' share of NORM/NARM net revenue	Line 9 + 2							
11.	Allocators for 2021	Settlement \$ 2(a)							
12.	Generators' share of net revenue, by rate component	Line 11 x line 10	22.0%	31.6%	10.7%	21.5%	14.2%	100.0%	
13.	Amount to be refunded to generators	Line 5 + line 12 (if positive)	1,301	1,868	633	1,271	840	5,912	
14.	Amount to be added to 2022 revenue requirement	Line 5 + line 12 (if negative)	-	-	42,849	107,155	13,715	163,719	
15.	Revenue requirement for 2021, before WUTC fee and deferrals	2021 FCS 1, line 27	60,588	31,651	-	-	-	92,240	
16.	Calculation of revenue requirement not subject to Inflation Index	Settlement \$ 1(a)						6,329,231	
17.	Depreciation and amortization (including airspace amortization)	Results of Operations							
18.	Rate case expense	Results of Operations							
19.	Leasehold rent and taxes	Results of Operations							
20.	Total portion of revenue requirement not subject to Inflation Index	Sum of lines 17-19							
21.	Revenue requirement subject to Inflation Index	Line 15 – line 20							
22.	Calculation of Inflation Index	Settlement \$ 1(a)						6,133,006	
23.	Gross domestic product implicit price deflator, 2021	Exhibit 4 (Table 1, 1.9 thereon)							
24.	Gross domestic product implicit price deflator, 2020	Exhibit 4 (Table 1, 1.9 thereon)							
25.	Inflation Index	(Line 23 ÷ line 24) – 1						4.16%	
26.	Revenue requirement subject to Inflation Index, inflated	Line 21 x (1 + line 25)							
27.	Revenue requirement for 2022, before WUTC fee and deferrals	Line 20 + line 26						6,387,882	
28.	WUTC regulatory fee to be refunded	Fee Imposed: TL-190107						6,584,107	
29.	Revenue requirement for 2022, before deferrals from 2021	Line 27 – line 28						-	
30.	Allocators for 2022	Settlement \$ 2(a)	22.0%	31.6%	10.7%	21.5%	14.2%	6,584,107	
31.	Allocated revenue requirement for 2022, before deferrals from 2021	Line 27 x line 30	1,448,504	2,080,578	704,499	1,415,583	934,943	6,584,107	
32.	Allocated revenue requirement for 2022, including deferrals from 2021	Line 14 + line 31	1,509,092	2,112,229	704,499	1,415,583	934,943	6,676,346	
33.	SAC underrecovery to be allocated to other rate components	Calculation Sheet 2	832,044						
34.	Allocators for SAC underrecovery	Line 30 reallocated without SAC		40.5%	13.7%	27.6%	18.2%	100.0%	
35.	Allocated SAC underrecovery for 2022	Line 33 x line 34		337,084	114,139	229,345	151,475	832,044	
36.	Allocated revenue requirement for 2022, including SAC reallocation	Line 32 + line 35		2,449,313	818,639	1,644,928	1,086,418	6,676,346	
37.	Revenue requirement for 2022	Calculation Sheet 2 and line 36	677,048	2,449,313	818,639	1,644,928	1,086,418	6,676,346	
38.	Projections for 2022	Exhibit 5		16,326	52	131			
39.	"Safety Margin"	Settlement \$ 1(c)		80%	80%	80%	80%		
40.	Dose rate revenue requirement for 2022	Settlement \$ 1(c)(2)		13,060	42	105	1,358,022	1,358,022	
41.	Billing determinants for 2022 rates	Line 38 x line 39		\$ 187.54	\$ 19,678.82	\$ 15,695.88			
42.	Rates for 2022, before rounding	Line 36 + line 41		\$ 187.50	\$ 19,680.00	\$ 15,700.00			
43.	Rates for 2022, rounded	Line 42, rounded							

* "2021 FCS" refers to US Ecology Washington, Inc., "Final Calculation of 2021 Rates, Calculation Sheet," filed with the Washington Utilities and Transportation Commission in Docket No. TL-210204

"Settlement" refers to the Settlement Agreement executed as of April 30, 2007 between US Ecology Washington, Inc., and the Settling Parties, accepted by the Washington Utilities and Transportation Commission in Docket No. TL-070848

"Results of Operations" refers to the spreadsheet entitled "US Ecology Washington, Inc. / Results of Operations," filed with the Washington Utilities and Transportation Commission in Docket No. TL-070848

Inputs to SAC Calculation

1. Revenue requirement for 2022 SAC (from Calculation Sheet 1, line 32) \$ 1,509,092
2. Inflation Index (from Calculation Sheet 1, line 25) 4.16%
3. Maximum increase in SAC (inflation Index x 2; see Settlement* 2(b)(3)(i)) 8.31%

Block No.	Characteristics for Year	Column Number:		Ratio of Each 2021 Block Charge to that of the Previous Block	Maximum Increase in SAC	2022 SAC (2021 SAC plus Maximum Increase)†	Ratio of Each 2022 Block Charge to that of the Previous Block**	2022 Projected Revenues from SAC
		1	2					
	2022 Projected Generators in Block	2021 SAC						
0	No site use at all	44	\$ 332					
1	Greater than zero but less than or equal to 10 c.f. and 50 mR/h††	10	635	1.91	\$ 28	\$ 360	1.91	\$ 15,840
2	Greater than 10 c.f. or 50 mR/h†† but less than or equal to 20 c.f. and 100 mR/h††	12	1,219	1.92	101	688	1.92	6,880
3	Greater than 20 c.f. or 100 mR/h†† but less than or equal to 40 c.f. and 200 mR/h††	8	2,339	1.92	194	1,320	1.92	15,840
4	Greater than 40 c.f. or 200 mR/h†† but less than or equal to 80 c.f. and 400 mR/h††	2	4,492	1.92	373	2,553	1.92	20,264
5	Greater than 80 c.f. or 400 mR/h†† but less than or equal to 160 c.f. and 800 mR/h††	2	8,626	1.92	717	4,865	1.92	9,730
6	Greater than 160 c.f. or 800 mR/h†† but less than or equal to 320 c.f. and 1,600 mR/h††	2	16,543	1.92	1,375	9,343	1.92	18,686
7	Greater than 320 c.f. or 1,600 mR/h†† but less than or equal to 640 c.f. and 3,200 mR/h††	3	31,766	1.92	2,640	17,918	1.92	35,836
8	Greater than 640 c.f. or 3,200 mR/h†† but less than or equal to 1,280 c.f. and 6,400 mR/h††	2	60,982	1.92	5,069	34,406	1.92	103,218
9	Greater than 1,280 c.f. or 6,400 mR/h†† but less than or equal to 2,560 c.f. and 12,800 mR/h††	0	117,085	1.92	9,732	66,051	1.92	132,102
10	Greater than 2,560 c.f. or 12,800 mR/h†† but less than or equal to 5,120 c.f. and 25,600 mR/h††	1	152,963	1.31	12,714	126,817	1.92	159,326
11	Greater than 5,120 c.f. or 25,600 mR/h††	1	152,963	1.00	12,714	159,326	1.00	159,326
	Total		<u>87</u>			<u>677,048</u>		<u>1,509,092</u>
	Underrecovery to be spread to other rate components pursuant to Settlement* § 2(b)(3), flush language							<u>\$ 832,044</u>

** "Settlement" refers to the Settlement Agreement executed as of April 30, 2007 between US Ecology Washington, Inc., and the Settling Parties, accepted by the Washington Utilities and Transportation Commission in Docket No. TL-070848

† "Tariff Sheet" refers to the tariff sheets entitled "US Ecology Washington, Inc., Washington Nuclear Center, Radioactive Waste Disposal," filed with the Washington Utilities and Transportation Commission in Docket No. TL-210204

‡ Checked to ensure compliance with Settlement § 2(b)(3)(ii): the maximum charge for 2020 is \$5,200,000 x 0.024 x 1.0217 [the 2009 Inflation Index] x 1.0118 [the 2010 Inflation Index] x 1.0096 [the 2011 Inflation Index] x 1.0213 [the 2012 Inflation Index] x 1.0151 [the 2014 Inflation Index] x 1.0146 [the 2015 Inflation Index] x 1.0100 [the 2016 Inflation Index] x 1.0131 [the 2017 Inflation Index] x 1.0180 [the 2018 Inflation Index] x 1.0226 [the 2019 Inflation Index] x 1.0174 [the 2020 Inflation Index] x 1.0122 [the 2021 Inflation Index] x 1.0416 [the 2022 Inflation Index] or \$159,326 for 2022. Block No. 10 and Block No. 11 are affected by this provision in 2022

** Calculated to ensure compliance with Settlement § 2(b)(3)

†† For purposes of determining the Site Availability Charge, R per hour is calculated by summing the R per hour at container surface for all containers received during the year

US Ecology Washington, Inc.
Final Calculation of 2022 Dose Rate Charge

Calculation Sheet 3

Revenue requirement for 2022 dose rate charge (from Calculation Sheet 1, line 40) \$ 1,358,022

Block No.	Dose Rate at Container Surface	Column Number:					
		1	2	3	4	5	6
		2022 Projected Containers in Block	2021 Dose Rate Charge	Ratio of Each 2021 Block Charge to that of the Previous Block	2022 Dose Rate Charge	Ratio of Each 2022 Block Charge to that of the Previous Block	2022 Projected Revenues from Dose Rate Charge
1	Less than or equal to 200 mR/h	102	\$ 95	71.1	\$ 100	71.1	\$ 10,200
2	Greater than 200 mR/h but less than or equal to 1,000 mR/h	15	6,755	4.0	7,110	4.0	106,650
3	Greater than 1,000 mR/h but less than or equal to 10,000 mR/h	2	27,070	1.5	28,440	1.5	56,880
4	Greater than 10,000 mR/h but less than or equal to 100,000 mR/h	11	40,700	16.8	42,600	16.8	468,600
5	Greater than 100,000 mR/h	1	683,000		715,700		715,700
	Total		131				\$ 1,358,030

* "Tariff Sheet" refers to the tariff sheets entitled "US Ecology Washington, Inc.; Washington Nuclear Center, Radioactive Waste Disposal," filed with the Washington Utilities and Transportation Commission in Docket No. TL-210204

† Calculated to ensure compliance with the Settlement Agreement executed as of April 30, 2007, between US Ecology Washington, Inc., and the Settling Parties, accepted by the Washington Utilities and Transportation Commission in Docket No. TL-070848, § 2(d)