

	Source or Reference*	Preliminary Calculations	Rate Components					TOTAL
			Site Availability Charge (SAC)	Volume	Shipments	Containers	Dose Rate	
1. Revenue requirement by rate component for 2021	2021 FCS 1, line 37		889,244	2,244,711	842,283	1,527,256	1,008,699	6,512,194
2. Revenue collected 2021 January–October	Exhibit 1		893,818	1,878,090	755,800	1,399,830	991,560	5,919,098
3. Estimated net end-of-year collection/(refund) due to SAC true-up	Exhibit 2		(68,470)					(68,470)
4. Projected revenue for 2022 November and December	(Line 2 ÷ 10) x 2			375,618	151,160	279,966	198,312	1,005,056
5. Projected revenue for 2021	Sum of lines 2–4		825,348	2,253,708	906,960	1,679,796	1,189,872	6,855,684
6. Projected revenue surplus/(deficit) for 2021	Line 5 – line 1		(63,896)	8,997	64,677	152,540	181,173	343,490
7. Calculation of 2021 NORM/NARM net revenue	Settlement § 4(a)							
8. Revenue	Exhibit 3	\$ -						
9. Expenses	Exhibit 3	-						
10. Net revenue	Line 8 – line 9	-						
11. Generators' share of NORM/NARM net revenue	Line 10 ÷ 2	-						
12. Allocators for 2021	Settlement § 2(a)		22.0%	31.6%	10.7%	21.5%	14.2%	100.0%
13. Generators' share of net revenue, by rate component	Line 12 x line 11		-	-	-	-	-	-
14. Amount to be refunded to generators	Line 6 + line 13 (if positive)		-	8,997	64,677	152,540	181,173	407,386
15. Amount to be added to 2022 revenue requirement	Line 6 + line 13 (if negative)		63,896	-	-	-	-	63,896
16. Revenue requirement for 2021, before deferrals from 2020	2021 FCS 1, line 27							6,329,231
17. Calculation of revenue requirement not subject to Inflation Index	Settlement § 1(a)							
18. Depreciation and amortization (including airspace amortization)	Results of Operations	\$ 89,513						
19. Rate case expense	Results of Operations	14,983						
20. Leasehold rent and taxes	Results of Operations	91,729						
21. Total portion of revenue requirement not subject to Inflation Index	Sum of lines 18–20	\$ 196,225						
22. Revenue requirement subject to Inflation Index	Line 16 – line 21							6,133,006
23. Calculation of Inflation Index	Settlement § 1(a)							
24. Gross domestic product implicit price deflator, 2021 Quarter 3	Exhibit 4 (Table 1.1.9 thereon)	119.051						
25. Gross domestic product implicit price deflator, 2020 Quarter 3	Exhibit 4 (Table 1.1.9 thereon)	113.888						
26. Inflation Index	(Line 24 ÷ line 25) – 1	4.53%						
27. Revenue requirement subject to Inflation Index, inflated	Line 22 x (1 + line 26)							6,411,039
28. Revenue requirement for 2022, before deferrals from 2021	Line 21 + line 27							6,607,264
29. Allocators for 2022	Settlement § 2(a)		22.0%	31.6%	10.7%	21.5%	14.2%	100.0%
30. Allocated revenue requirement for 2022, before deferrals from 2021	Line 28 x line 29		1,453,598	2,087,896	706,977	1,420,562	938,232	6,607,264
31. Allocated revenue requirement for 2022, including deferrals from 2021	Line 15 + line 30		1,517,494	2,087,896	706,977	1,420,562	938,232	6,671,160
32. SAC underrecovery to be allocated to other rate components	Calculation Sheet 2		871,474					
33. Allocators for SAC underrecovery	Line 29 reallocated without SAC			40.5%	13.7%	27.6%	18.2%	100.0%
34. Allocated SAC underrecovery for 2022	Line 32 x line 33			353,059	119,548	240,214	158,653	871,474
35. Allocated revenue requirement for 2022, including SAC reallocation	Line 31 + line 34			2,440,954	826,526	1,660,776	1,096,884	
36. Revenue requirement for 2022	Calculation Sheet 2 and line 35		646,020	2,440,954	826,526	1,660,776	1,096,884	6,671,160
37. Projections for 2022	Exhibit 5			15,935	51	127		
38. "Safety Margin"	Settlement § 1(c)			80%	80%	80%	80%	
39. Dose rate revenue requirement for 2022	Settlement § 1(c)(2)						1,371,106	1,371,106
40. Billing determinants for 2022 rates	Line 37 x line 38			12,748	41	102		
41. Rates for 2022, before rounding	Line 35 ÷ line 40		\$ 191.48	\$ 20,257.98	\$ 16,346.22			
42. Rates for 2022, rounded	Line 41, rounded		\$ 191.50	\$ 20,260.00	\$ 16,350.00			

*"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

US Ecology Washington, Inc.
Preliminary Calculation of 2022 Site Availability Charge (SAC)

Calculation Sheet 2

Inputs to SAC Calculation

1. Revenue requirement for 2022 SAC (from Calculation Sheet 1, line 31)	\$ 1,517,494
2. Inflation Index (from Calculation Sheet 1, line 26)	4.53%
3. Maximum increase in SAC (Inflation Index x 2; see Settlement* 2(b)(3)(i))	9.07%

Block No.	Characteristics for Year	2022 Projected Generators in Block	2021 SAC	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	
		Column Number:	1	2	3	4	5	6	7
		Source:	Exhibit 5	Tariff Sheet† Schedule A, A.1	Division of each block by previous	Column 2 x Line 3	Column 2 + Column 4 (except block No. 10 & block No. 11; see footnote)	Division of each block by previous	Column 1 x Column 5
0	No site use at all	44	\$ 332			\$ 30	\$ 362		\$ 15,932
1	Greater than zero but less than or equal to 10 c.f. and 50 mR/h††	10	635	1.91		58	693	1.91	6,926
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		111	1,330	1.92	15,954
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		212	2,551	1.92	20,409
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		407	4,899	1.92	9,799
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		782	9,408	1.92	18,816
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	1,500		18,043	1.92	36,086
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††	2	31,766	1.92	2,880		34,646	1.92	69,292
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	5,529		66,511	1.92	133,022
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	10,616		127,701	1.92	-
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	13,869		159,892	1.25	159,892
11	Greater than 5,120 c.f. or 25,600 mR/h††	1	152,963	1.00	13,869		159,892	1.00	159,892
	Total	<u>86</u>							<u>646,020</u>
	Underrecovery to be spread to other rate components pursuant to Settlement* § 2(b)(3), flush language								<u>\$ 871,474</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 2021 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 1.0178 [the 2013 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 1.0453 [the 2022 Inflation Index] or \$159,892 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.
Preliminary Calculation of 2022 Dose Rate Charge

Revenue requirement for 2022 dose rate charge (from Calculation Sheet 1, line 39) \$ 1,371,106

Block No.	Dose Rate at Container Surface	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
		Column Number: 1	2	3	4	5	6
		Source: Exhibit 5	Tariff Sheet* Schedule A, B.4	Division of each block by previous	Set such that Column 5 will equal Column 3	Division of each block by previous	Column 1 x Column 4
1	Less than or equal to 200 mR/h	98	\$ 95		\$ 101		\$ 9,898
2	Greater than 200 mR/h but less than or equal to 1,000 mR/h	15	6,755	71.1	7,182	71.1	107,730
3	Greater than 1,000 mR/h but less than or equal to 10,000 mR/h	2	27,070	4.0	28,740	4.0	57,480
4	Greater than 10,000 mR/h but less than or equal to 100,000 mR/h	11	40,700	1.5	43,000	1.5	473,000
5	Greater than 100,000 mR/h	1	683,000	16.8	723,000	16.8	723,000
	Total	<u>127</u>					<u>\$ 1,371,108</u>

* "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)