

Calculation Sheet 1

US Ecology Washington, Inc.
Final Calculation of 2023 Rates

	Source or Reference*	Preliminary Calculations	Rate Components					TOTAL
			Site Availability Charge (SAC)	Volume	Shipments	Containers	Dose Rate	
1. Revenue requirement by rate component for 2022	2022 FCS 1, line 37		677,048	2,449,313	818,639	1,644,928	1,086,418	6,676,346
2. Revenue by rate component in 2022	Exhibit 1		841,242	5,017,803	1,050,000	3,631,800	1,086,510	11,627,355
3. Overall end-of-year collection/(refund) due to SAC true-up	Exhibit 2		(274,598)					(274,598)
4. Revenue in 2022, including effect of SAC true-up	Line 2 + line 3		566,644	5,017,803	1,050,000	3,631,800	1,086,510	11,352,757
5. Revenue surplus/(deficit) for 2022	Line 4 – line 1		(110,404)	2,568,489	231,361	1,986,872	92	4,676,410
6. Calculation of 2022 NORM/NARM net revenue	Settlement \$ 4(a)							
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 2022	Settlement \$ 2(a)		22.0%	31.6%	10.7%	21.5%	14.2%	100.0%
12. Generators' share of net revenue, by rate component	Line 11 x line 10		-	-	-	-	-	-
13. Amount to be refunded to generators	Line 5 + line 12 (if positive)							
14. Amount to be added to 2023 revenue requirement	Line 5 + line 12 (if negative)							
15. Revenue requirement for 2022, before WUTC fee and deferrals	2022 FCS 1, line 27		110,404					
16. Calculation of revenue requirement not subject to Inflation Index	Settlement \$ 1(a)	\$ 89,513						
17. Depreciation and amortization (including airspace amortization)	Results of Operations	14,983						
18. Rate case expense	Results of Operations	91,729						
19. Leasehold rent and taxes	Sum of lines 17–19	\$ 196,225						
20. Total portion of revenue requirement not subject to Inflation Index	Line 15 – line 20							
21. Revenue requirement subject to Inflation Index	Settlement \$ 1(a)							6,387,882
22. Calculation of Inflation Index	Exhibit 4 (Table 1.1.9 thereon)	127,224						
23. Gross domestic product implicit price deflator, 2022	Exhibit 4 (Table 1.1.9 thereon)	118,895						
24. Gross domestic product implicit price deflator, 2021	(Line 23 + line 24) – 1	7.01%						
25. Inflation Index	Line 21 x (1 + line 25)							
26. Revenue requirement subject to Inflation Index, inflated	Line 20 + line 26							
27. Revenue requirement for 2023, before WUTC fee and deferrals	Fee Imposed: TL-190107							
28. WUTC regulatory fee to be refunded	Line 27 – line 28							
29. Revenue requirement for 2023, before deferrals from 2022	Settlement \$ 2(a)		22.0%	31.6%	10.7%	21.5%	14.2%	100.0%
30. Allocators for 2023	Line 27 x line 30	1,546,952	2,221,986	2,221,986	1,511,794	998,487	998,487	7,031,600
31. Allocated revenue requirement for 2023, before deferrals from 2022	Line 14 + line 31	1,657,356	2,221,986	2,221,986	1,511,794	998,487	998,487	7,142,004
32. Allocated revenue requirement for 2023, including deferrals from 2022	Calculation Sheet 2	824,168						
33. SAC underrecovery to be allocated to other rate components	Line 30 reallocated without SAC		40.5%	13.7%	27.6%	18.2%	100.0%	
34. Allocators for SAC underrecovery	Line 33 x line 34		333,894	113,059	227,174	150,041	824,168	
35. Allocated SAC underrecovery for 2023	Line 32 + line 35		2,555,879	865,440	1,738,968	1,148,528	7,142,004	
36. Allocated revenue requirement for 2023, including SAC reallocation	Calculation Sheet 2 and line 36		2,555,879	865,440	1,738,968	1,148,528	7,142,004	
37. Revenue requirement for 2023	Exhibit 5	833,188	16,398	67	158	80%	80%	
38. Projections for 2023	Settlement \$ 1(c)							
39. "Safety Margin"	Settlement \$ 1(c)(2)							
40. Dose rate revenue requirement for 2023	Line 38 x line 39		13,118	54	126			
41. Billing determinants for 2023 rates	Line 36 + line 41		\$ 194.84	\$ 16,146.27	\$ 13,757.66			
42. Rates for 2023, before rounding	Line 42, rounded		\$ 194.80	\$ 16,150.00	\$ 13,760.00			
43. Rates for 2023, rounded								

* "2022 FCS" refers to US Ecology Washington, Inc., "Final Calculation of 2022 Rates, Calculation Sheet," filed with the Washington Utilities and Transportation Commission in Docket No. TL-220245
 "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

Calculation Sheet 2

US Ecology Washington, Inc.
Final Calculation of 2023 Site Availability Charge (SAC)

- Inputs to SAC Calculation**
1. Revenue requirement for 2023 SAC (from Calculation Sheet 1, line 32) \$ 1,657,356
 2. Inflation Index (from Calculation Sheet 1, line 25) 7.01%
 3. Maximum increase in SAC (Inflation Index x 2; see Settlement* 2(b)(3)(i)) 14.01%

Block No.	Characteristics for Year	Column Number:	2023 Projected Block	2022 SAC	Ratio of Each 2022 Block Charge to that of the Previous Block	Maximum Increase in SAC	2023 SAC (2022 SAC plus Maximum Increase)†	Ratio of Each 2023 Block Charge to that of the Previous Block**	2023 Projected Revenues from SAC
1	2	3	4	5	6	7	8	9	
Block	Source:	Exhibit 5	Column 2 x Line 3	Column 4 (except block No. 10 & block No. 11; see footnote)	Division of each block by previous	Column 2 x Line 3	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		39	\$ 360		\$ 50	\$ 410		\$ 15,990
1	Greater than zero but less than or equal to 10 c.f. and 50 mR/h††		14	688	1.91	96	784	1.91	10,976
2	Greater than 10 c.f. or 50 mR/h†† but less than or equal to 20 c.f. and 100 mR/h††		11	1,320	1.92	185	1,505	1.92	16,555
3	Greater than 20 c.f. or 100 mR/h†† but less than or equal to 40 c.f. and 200 mR/h††		11	2,533	1.92	355	2,888	1.92	31,768
4	Greater than 40 c.f. or 200 mR/h†† but less than or equal to 80 c.f. and 400 mR/h††		2	4,865	1.92	682	5,547	1.92	11,094
5	Greater than 80 c.f. or 400 mR/h†† but less than or equal to 160 c.f. and 800 mR/h††		1	9,343	1.92	1,309	10,652	1.92	10,652
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	17,918	1.92	2,510	20,428	1.92	40,856
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††		1	34,406	1.92	4,821	39,227	1.92	39,227
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††		0	66,051	1.92	9,254	75,305	1.92	-
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††		1	126,817	1.92	17,768	144,585	1.92	144,585
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††		2	159,326	1.26	22,323	170,495	1.18	340,990
11	Greater than 5,120 c.f. or 25,600 mR/h††		1	159,326	1.00	22,323	170,495	1.00	170,495
	Total		85						833,188
	Underrecovery to be spread to other rate components pursuant to Settlement* § 2(b)(3), flush language								\$ 824,168

* "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-220245

‡ Checked to ensure compliance with Settlement § 2(b)(3)(ii); the maximum charge for 2023 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 1.0416 [the 2022 Inflation Index] x 1.0701 [the 2023 Inflation Index] or \$170,495 for 2023. Block No. 10 and Block No. 11 are affected by this provision in 2023

** 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 2023 Dose Rate Charge**

Calculation Sheet 3

Revenue requirement for 2023 dose rate charge (from Calculation Sheet 1, line 40) \$ 1,435,660

Block No.	Dose Rate at Container Surface	2023 Projected Containers in Block	2022 Dose Rate Charge	Ratio of Each 2022 Block Charge to that of the Previous Block	2023 Dose Rate Charge	Ratio of Each 2023 Block Charge to that of the Previous Block†	2023 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	141	\$ 100			\$ 114		\$ 16,074
2	Greater than 200 mR/h but less than or equal to 1,000 mR/h	2	7,110	71.1		8,110	71.1	16,220
3	Greater than 1,000 mR/h but less than or equal to 10,000 mR/h	6	28,440	4.0		32,470	4.0	194,820
4	Greater than 10,000 mR/h but less than or equal to 100,000 mR/h	8	42,600	1.5		48,730	1.5	389,840
5	Greater than 100,000 mR/h	1	715,700	16.8		818,700	16.8	818,700
	Total		158					\$ 1,435,654

* "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-220245

† 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)