

	Source or Reference*	Preliminary Calculations	Rate Components					TOTAL
			Site Availability Charge (SAC)	Volume	Shipments	Containers	Dose Rate	
1. Revenue requirement by rate component for 2019	2019 FCS 1, line 37		700,531	2,690,171	773,429	2,280,943	1,434,391	7,879,464
2. Revenue by rate component in 2019	Exhibit 1		707,954	2,961,285	892,250	2,315,390	1,263,666	8,140,545
3. Overall end-of-year collection/(refund) due to SAC true-up	Exhibit 2		(34,302)					(34,302)
4. Revenue in 2019, including effect of SAC true-up	Line 2 + line 3		673,652	2,961,285	892,250	2,315,390	1,263,666	8,106,243
5. Revenue surplus/(deficit) for 2019	Line 4 – line 1		(26,879)	271,114	118,821	34,447	(170,725)	226,778
6. Calculation of 2019 NORM/NARM net revenue	Settlement § 4(a)							
7. Revenue	Exhibit 3	\$ 366,178						
8. Expenses	Exhibit 3	(194,204)						
9. Net revenue	Line 7 – line 8	171,974						
10. Generators' share of NORM/NARM net revenue	Line 9 ÷ 2	85,987						
11. Allocators for 2019	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		18,917	27,172	9,201	18,487	12,210	85,987
13. Amount to be refunded to generators	Line 5 + line 12 (if positive)		-	298,286	128,022	52,935	-	479,242
14. Amount to be added to 2020 revenue requirement	Line 5 + line 12 (if negative)		7,962	-	-	-	158,515	166,477
15. Revenue requirement for 2019, before WUTC fee and deferrals	2019 FCS 1, line 27							6,151,680
16. Calculation of revenue requirement not subject to Inflation Index	Settlement § 1(a)							
17. Depreciation and amortization (including airspace amortization)	Results of Operations	\$ 89,513						
18. Rate case expense	Results of Operations	14,983						
19. Leasehold rent and taxes	Results of Operations	91,729						
20. Total portion of revenue requirement not subject to Inflation Index	Sum of lines 17–19	\$ 196,225						
21. Revenue requirement subject to Inflation Index	Line 15 – line 20							5,955,455
22. Calculation of Inflation Index	Settlement § 1(a)							
23. Gross domestic product implicit price deflator, 2019	Exhibit 4 (Table 1.1.9 thereon)	112.344						
24. Gross domestic product implicit price deflator, 2018	Exhibit 4 (Table 1.1.9 thereon)	110.420						
25. Inflation Index	(Line 23 ÷ line 24) – 1	1.74%						
26. Revenue requirement subject to Inflation Index, inflated	Line 21 x (1 + line 25)							6,059,225
27. Revenue requirement for 2020, before WUTC fee and deferrals	Line 20 + line 26							6,255,450
28. WUTC regulatory fee to be refunded	2018 Fee Imposed: TL-190107							-
29. Revenue requirement for 2020, before deferrals from 2019	Line 27 – line 28							6,255,450
30. Allocators for 2020	Settlement § 2(a)		22.0%	31.6%	10.7%	21.5%	14.2%	100.0%
31. Allocated revenue requirement for 2020, before deferrals from 2019	Line 27 x line 30		1,376,199	1,976,722	669,333	1,344,922	888,274	6,255,450
32. Allocated revenue requirement for 2020, including deferrals from 2019	Line 14 + line 31		1,384,161	1,976,722	669,333	1,344,922	1,046,789	6,421,927
33. SAC underrecovery to be allocated to other rate components	Calculation Sheet 2		777,922					
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 2020	Line 33 x line 34			315,158	106,715	214,427	141,622	777,922
36. Allocated revenue requirement for 2020, including SAC reallocation	Line 32 + line 35			2,291,880	776,048	1,559,349	1,188,410	
37. Revenue requirement for 2020	Calculation Sheet 2 and line 36		606,239	2,291,880	776,048	1,559,349	1,188,410	6,421,927
38. Projections for 2020	Exhibit 5			12,113	51	125		
39. "Safety Margin"	Settlement § 1(c)			80%	80%	80%	80%	
40. Dose rate revenue requirement for 2020	Settlement § 1(c)(2)						1,485,513	1,485,513
41. Billing determinants for 2020 rates	Line 38 x line 39			9,690	41	100		
42. Rates for 2020, before rounding	Line 36 + line 41		\$ 236.51	\$ 19,020.79	\$ 15,593.49			
43. Rates for 2020, rounded	Line 42, rounded		\$ 236.50	\$ 19,020.00	\$ 15,590.00			

\* "2019 FCS" refers to US Ecology Washington, Inc., "Final Calculation of 2019 Rates, Calculation Sheet," filed with the Washington Utilities and Transportation Commission in Docket No. TL-190202

"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 2020 SAC (from Calculation Sheet 1, line 32)	\$ 1,384,161
2. Inflation Index (from Calculation Sheet 1, line 25)	1.74%
3. Maximum increase in SAC (Inflation Index x 2; see Settlement* 2(b)(3)(i))	3.48%

Block No.	Characteristics for Year	2020 Projected Generators in Block	2019 SAC	Ratio of Each 2019 Block Charge to that of the Previous Block	Maximum Increase in SAC	2020 SAC (2019 SAC plus Maximum Increase)†	Ratio of Each 2020 Block Charge to that of the Previous Block**	2020 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	39	\$ 313		\$ 11	\$ 324		\$ 12,636
1	Greater than zero but less than or equal to 10 c.f. and 50 mR/h††	20	599	1.91	21	620	1.91	12,400
2	Greater than 10 c.f. or 50 mR/h†† but less than or equal to 20 c.f. and 100 mR/h††	13	1,150	1.92	40	1,190	1.92	15,470
3	Greater than 20 c.f. or 100 mR/h†† but less than or equal to 40 c.f. and 200 mR/h††	9	2,206	1.92	77	2,283	1.92	20,547
4	Greater than 40 c.f. or 200 mR/h†† but less than or equal to 80 c.f. and 400 mR/h††	2	4,237	1.92	148	4,385	1.92	8,770
5	Greater than 80 c.f. or 400 mR/h†† but less than or equal to 160 c.f. and 800 mR/h††	1	8,137	1.92	284	8,421	1.92	8,421
6	Greater than 160 c.f. or 800 mR/h†† but less than or equal to 320 c.f. and 1,600 mR/h††	1	15,606	1.92	544	16,150	1.92	16,150
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	29,967	1.92	1,044	31,011	1.92	31,011
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††	3	57,527	1.92	2,005	59,532	1.92	178,596
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	110,452	1.92	3,849	114,301	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	148,535	1.34	5,176	151,119	1.32	151,119
11	Greater than 5,120 c.f. or 25,600 mR/h††	1	148,535	1.00	5,176	151,119	1.00	151,119
	Total	<u>91</u>						<u>606,239</u>
	Underrecovery to be spread to other rate components pursuant to Settlement* § 2(b)(3), flush language							<u>\$ 777,922</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-190202

‡ 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 1.0178 [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] or \$151,119 for 2020. Block No. 10 and Block No. 11 are affected by this provision in 2020

\*\* 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 2020 Dose Rate Charge**

**Calculation Sheet 3**

Revenue requirement for 2020 dose rate charge (from Calculation Sheet 1, line 40)      \$ 1,485,513

Block No.	Dose Rate at Container Surface	2020 Projected Containers in Block	2019 Dose Rate Charge	Ratio of Each 2019 Block Charge to that of the Previous Block	2020 Dose Rate Charge	Ratio of Each 2020 Block Charge to that of the Previous Block†	2020 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	105	\$ 94		\$ 129		\$ 13,545
2	Greater than 200 mR/h but less than or equal to 1,000 mR/h	8	6,684	71.1	9,172	71.1	73,376
3	Greater than 1,000 mR/h but less than or equal to 10,000 mR/h	7	26,740	4.0	36,670	4.0	256,690
4	Greater than 10,000 mR/h but less than or equal to 100,000 mR/h	4	40,300	1.5	54,900	1.5	219,600
5	Greater than 100,000 mR/h	1	677,000	16.8	922,300	16.8	922,300
	Total	<u>125</u>					<u>\$ 1,485,511</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-190202

† 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)