

	Source or Reference*	Preliminary Calculations	Rate Components					TOTAL
			Site Availability Charge (SAC)	Volume	Shipments	Containers	Dose Rate	
1. Revenue requirement by rate component for 2017	2017 FCS 1, line 37		639,443	2,174,145	837,752	1,548,969	1,029,971	6,230,281
2. Revenue by rate component in 2017	Exhibit 1		702,075	1,635,049	508,830	992,510	529,387	4,367,851
3. Overall end-of-year collection/(refund) due to SAC true-up	Exhibit 2		(80,669)					(80,669)
4. Revenue in 2017, including effect of SAC true-up	Line 2 + line 3		621,406	1,635,049	508,830	992,510	529,387	4,287,182
5. Revenue surplus/(deficit) for 2017	Line 4 – line 1		(18,037)	(539,096)	(328,922)	(556,459)	(500,584)	(1,943,099)
6. Calculation of 2017 NORM/NARM net revenue	Settlement § 4(a)							
7. Revenue	Exhibit 3	\$ 193,943						
8. Expenses	Exhibit 3	(97,862)						
9. Net revenue	Line 7 – line 8	96,081						
10. Generators' share of NORM/NARM net revenue	Line 9 ÷ 2	48,040						
11. Allocators for 2017	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		10,569	15,181	5,140	10,329	6,822	48,040
13. Amount to be refunded to generators	Line 5 + line 12 (if positive)		-	-	-	-	-	-
14. Amount to be added to 2018 revenue requirement	Line 5 + line 12 (if negative)		7,468	523,915	323,782	546,130	493,763	1,895,058
15. Revenue requirement for 2017, before WUTC fee and deferrals	2017 FCS 1, line 27							5,917,140
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							5,720,915
22. Calculation of Inflation Index	Settlement § 1(a)							
23. Gross domestic product implicit price deflator, 2017	Exhibit 4 (Table 1.1.9 thereon)	113.419						
24. Gross domestic product implicit price deflator, 2016	Exhibit 4 (Table 1.1.9 thereon)	111.416						
25. Inflation Index	(Line 23 ÷ line 24) – 1	1.80%						
26. Revenue requirement subject to Inflation Index, inflated	Line 21 x (1 + line 25)							5,823,764
27. Revenue requirement for 2018, before WUTC fee and deferrals	Line 20 + line 26							6,019,989
28. WUTC regulatory fee to be refunded	Exhibit 5							43,507
29. Revenue requirement for 2018, before deferrals from 2017	Line 27 – line 28							5,976,482
30. Allocators for 2018	Settlement § 2(a)		22.0%	31.6%	10.7%	21.5%	14.2%	100.0%
31. Allocated revenue requirement for 2018, before deferrals from 2017	Line 27 x line 30		1,314,826	1,888,568	639,484	1,284,944	848,660	5,976,482
32. Allocated revenue requirement for 2018, including deferrals from 2017	Line 14 + line 31		1,322,294	2,412,484	963,266	1,831,074	1,342,423	7,871,541
33. SAC underrecovery to be allocated to other rate components	Calculation Sheet 2		753,505					
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 2018	Line 33 x line 34			305,266	103,365	207,697	137,177	753,505
36. Allocated revenue requirement for 2018, including SAC reallocation	Line 32 + line 35			2,717,750	1,066,631	2,038,771	1,479,600	
37. Revenue requirement for 2018	Calculation Sheet 2 and line 36		568,789	2,717,750	1,066,631	2,038,771	1,479,600	7,871,541
38. Projections for 2018	Exhibit 6			22,317	91	247		
39. "Safety Margin"	Settlement § 1(c)			80%	80%	80%	80%	
40. Dose rate revenue requirement for 2018	Settlement § 1(c)(2)						1,849,500	1,849,500
41. Billing determinants for 2018 rates	Line 38 x line 39			17,854	73	198		
42. Rates for 2018, before rounding	Line 36 ÷ line 41			\$ 152.22	\$ 14,651.53	\$ 10,317.67		
43. Rates for 2018, rounded	Line 42, rounded			\$ 152.20	\$ 14,650.00	\$ 10,320.00		

* "2017 FCS" refers to US Ecology Washington, Inc., "Final Calculation of 2017 Rates, Calculation Sheet," filed with the Washington Utilities and Transportation Commission in Docket No. TL-170217

"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.
Final Calculation of 2018 Site Availability Charge (SAC)**

Calculation Sheet 2

Inputs to SAC Calculation

1. Revenue requirement for 2018 SAC (from Calculation Sheet 1, line 32)	\$ 1,322,294
2. Inflation Index (from Calculation Sheet 1, line 25)	1.80%
3. Maximum increase in SAC (Inflation Index x 2; see Settlement* 2(b)(3)(i))	3.60%

Block No.	Characteristics for Year	2018 Projected	2017 SAC	Ratio of Each	Maximum	2018 SAC (2017	Ratio of Each	2018 Projected
		Generators in Block		Charge to that of the Previous Block	Increase in SAC	SAC plus Maximum Increase)†	Charge to that of the Previous Block**	Revenues from SAC
		Column Number: 1	2	3	4	5	6	7
		Source: Exhibit 6	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	37	\$ 289		\$ 10	\$ 299		\$ 11,063
1	Greater than zero but less than or equal to 10 c.f. and 50 mR/h††	29	553	1.91	20	573	1.92	16,617
2	Greater than 10 c.f. or 50 mR/h†† but less than or equal to 20 c.f. and 100 mR/h††	14	1,062	1.92	38	1,100	1.92	15,400
3	Greater than 20 c.f. or 100 mR/h†† but less than or equal to 40 c.f. and 200 mR/h††	6	2,038	1.92	73	2,111	1.92	12,666
4	Greater than 40 c.f. or 200 mR/h†† but less than or equal to 80 c.f. and 400 mR/h††	3	3,913	1.92	141	4,054	1.92	12,162
5	Greater than 80 c.f. or 400 mR/h†† but less than or equal to 160 c.f. and 800 mR/h††	1	7,515	1.92	270	7,785	1.92	7,785
6	Greater than 160 c.f. or 800 mR/h†† but less than or equal to 320 c.f. and 1,600 mR/h††	0	14,413	1.92	518	14,931	1.92	-
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	27,675	1.92	995	28,670	1.92	57,340
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	53,128	1.92	1,910	55,038	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††	0	102,005	1.92	3,668	105,673	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	142,684	1.40	5,130	145,252	1.37	145,252
11	Greater than 5,120 c.f. or 25,600 mR/h††	2	142,684	1.00	5,130	145,252	1.00	290,504
	Total	<u>95</u>						<u>568,789</u>
	Underrecovery to be spread to other rate components pursuant to Settlement* § 2(b)(3), flush language							<u>\$ 753,505</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-170217

‡ Checked to ensure compliance with Settlement § 2(b)(3)(ii); the maximum charge for 2017 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] or \$145,252 for 2018. Block No. 10 and Block No. 11 are affected by this provision in 2018

** 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 2018 Dose Rate Charge

Calculation Sheet 3

Revenue requirement for 2018 dose rate charge (from Calculation Sheet 1, line 40) \$ 1,849,500

Block No.	Dose Rate at Container Surface	2018 Projected Containers in Block	2017 Dose Rate Charge	Ratio of Each 2017 Block Charge to that of the Previous Block	2018 Dose Rate Charge	Ratio of Each 2018 Block Charge to that of the Previous Block†	2018 Projected Revenues from Dose Rate Charge
		Column Number: 1	2	3	4	5	6
		Source: Exhibit 6	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	180	\$ 269		\$ 40		\$ 7,200
2	Greater than 200 mR/h but less than or equal to 1,000 mR/h	9	19,120	71.1	2,844	71.1	25,596
3	Greater than 1,000 mR/h but less than or equal to 10,000 mR/h	42	76,450	4.0	11,310	4.0	475,020
4	Greater than 10,000 mR/h but less than or equal to 100,000 mR/h	12	114,670	1.5	16,940	1.5	203,280
5	Greater than 100,000 mR/h	4	1,926,500	16.8	284,600	16.8	1,138,400
	Total	<u>247</u>					<u>\$ 1,849,496</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-170217

† 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)