

	Source or Reference*	Preliminary Calculations	Rate Components					TOTAL
			Site Availability Charge (SAC)	Volume	Shipments	Containers	Dose Rate	
1. Revenue requirement by rate component for 2016	2016 FCS 1, line 37		587,957	2,106,280	713,202	1,433,070	1,048,875	5,889,384
2. Revenue by rate component in 2016	Exhibit 1		590,393	2,032,975	586,810	1,313,470	962,952	5,486,600
3. Overall end-of-year collection/(refund) due to SAC true-up	Exhibit 2		(42,585)					(42,585)
4. Revenue in 2016, including effect of SAC true-up	Line 2 + line 3		547,808	2,032,975	586,810	1,313,470	962,952	5,444,015
5. Revenue surplus/(deficit) for 2016	Line 4 – line 1		(40,149)	(73,305)	(126,392)	(119,600)	(85,923)	(445,369)
6. Calculation of 2016 NORM/NARM net revenue	Settlement § 4(a)							
7. Revenue	Exhibit 3	\$ 342,328						
8. Expenses	Exhibit 3	(193,084)						
9. Net revenue	Line 7 – line 8	149,244						
10. Generators' share of NORM/NARM net revenue	Line 9 + 2	74,622						
11. Allocators for 2016	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		16,417	23,581	7,985	16,044	10,596	74,622
13. Amount to be refunded to generators	Line 5 + line 12 (if positive)		-	-	-	-	-	-
14. Amount to be added to 2017 revenue requirement	Line 5 + line 12 (if negative)		23,732	49,725	118,407	103,556	75,327	370,747
15. Revenue requirement for 2016, before WUTC fee and deferrals	2016 FCS 1, line 27							5,843,113
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							5,646,888
22. Calculation of Inflation Index	Settlement § 1(a)							
23. Gross domestic product implicit price deflator, 2016	Exhibit 4 (Table 1.1.9 thereon)	111.440						
24. Gross domestic product implicit price deflator, 2015	Exhibit 4 (Table 1.1.9 thereon)	109.998						
25. Inflation Index	(Line 23 + line 24) – 1	1.31%						
26. Revenue requirement subject to Inflation Index, inflated	Line 21 x (1 + line 25)							5,720,915
27. Revenue requirement for 2017, before WUTC fee and deferrals	Line 20 + line 26							5,917,140
28. WUTC regulatory fee to be refunded	Exhibit 5							57,606
29. Revenue requirement for 2017, before deferrals from 2016	Line 27 – line 28							5,859,534
30. Allocators for 2017	Settlement § 2(a)		22.0%	31.6%	10.7%	21.5%	14.2%	100.0%
31. Allocated revenue requirement for 2017, before deferrals from 2016	Line 27 x line 30		1,289,097	1,851,613	626,970	1,259,800	832,054	5,859,534
32. Allocated revenue requirement for 2017, including deferrals from 2016	Line 14 + line 31		1,312,830	1,901,337	745,378	1,363,356	907,380	6,230,281
33. SAC underrecovery to be allocated to other rate components	Calculation Sheet 2		673,387					
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 2017	Line 33 x line 34			272,808	92,375	185,613	122,591	673,387
36. Allocated revenue requirement for 2017, including SAC reallocation	Line 32 + line 35			2,174,145	837,752	1,548,969	1,029,971	
37. Revenue requirement for 2017	Calculation Sheet 2 and line 36		639,443	2,174,145	837,752	1,548,969	1,029,971	6,230,281
38. Projections for 2017	Exhibit 6			20,522	70	255		
39. "Safety Margin"	Settlement § 1(c)			80%	80%	80%	80%	
40. Dose rate revenue requirement for 2017	Settlement § 1(c)(2)						1,287,464	1,287,464
41. Billing determinants for 2017 rates	Line 38 x line 39			16,417	56	204		
42. Rates for 2017, before rounding	Line 36 + line 41			\$ 132.43	\$ 14,959.86	\$ 7,592.99		
43. Rates for 2017, rounded	Line 42, rounded			\$ 132.40	\$ 14,960.00	\$ 7,590.00		

* "2016 FCS" refers to US Ecology Washington, Inc., "Final Calculation of 2016 Rates, Calculation Sheet," filed with the Washington Utilities and Transportation Commission in Docket No. TL-160385

"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 2017 Site Availability Charge (SAC)

Calculation Sheet 2

Inputs to SAC Calculation

1. Revenue requirement for 2017 SAC (from Calculation Sheet 1, line 32)	\$ 1,312,830
2. Inflation Index (from Calculation Sheet 1, line 25)	1.31%
3. Maximum increase in SAC (Inflation Index x 2; see Settlement* 2(b)(3)(i))	2.62%

Block No.	Characteristics for Year	2017 Projected Generators in Block	2016 SAC	Ratio of Each 2016 Block Charge to that of the Previous Block	Maximum Increase in SAC	2017 SAC (2016 SAC plus Maximum Increase)†	Ratio of Each 2017 Block Charge to that of the Previous Block**	2017 Projected 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	35	\$ 282		\$ 7	\$ 289		\$ 10,115
1	Greater than zero but less than or equal to 10 c.f. and 50 mR/h††	31	539	1.91	14	553	1.91	17,143
2	Greater than 10 c.f. or 50 mR/h†† but less than or equal to 20 c.f. and 100 mR/h††	15	1,035	1.92	27	1,062	1.92	15,930
3	Greater than 20 c.f. or 100 mR/h†† but less than or equal to 40 c.f. and 200 mR/h††	4	1,986	1.92	52	2,038	1.92	8,152
4	Greater than 40 c.f. or 200 mR/h†† but less than or equal to 80 c.f. and 400 mR/h††	2	3,813	1.92	100	3,913	1.92	7,826
5	Greater than 80 c.f. or 400 mR/h†† but less than or equal to 160 c.f. and 800 mR/h††	3	7,323	1.92	192	7,515	1.92	22,545
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	14,045	1.92	368	14,413	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††	1	26,968	1.92	707	27,675	1.92	27,675
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	51,771	1.92	1,357	53,128	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	99,399	1.92	2,606	102,005	1.92	102,005
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	140,839	1.42	3,693	142,684	1.40	142,684
11	Greater than 5,120 c.f. or 25,600 mR/h††	2	140,839	1.00	3,693	142,684	1.00	285,368
	Total	95						639,443
	Underrecovery to be spread to other rate components pursuant to Settlement* § 2(b)(3), flush language							\$ 673,387

* "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-160385

‡ 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] or \$142,684 for 2017. Block No. 10 and Block No. 11 are affected by this provision in 2017

** 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 2017 Dose Rate Charge

Calculation Sheet 3

Revenue requirement for 2017 dose rate charge (from Calculation Sheet 1, line 40) \$ 1,287,464

Block No.	Dose Rate at Container Surface	2017 Projected Containers in Block	2016 Dose Rate Charge	Ratio of Each 2016 Block Charge to that of the Previous Block	2017 Dose Rate Charge	Ratio of Each 2017 Block Charge to that of the Previous Block†	2017 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	239	\$ 24		\$ 269		\$ 64,291
2	Greater than 200 mR/h but less than or equal to 1,000 mR/h	4	1,706	71.1	19,120	71.1	76,480
3	Greater than 1,000 mR/h but less than or equal to 10,000 mR/h	6	6,750	4.0	76,450	4.0	458,700
4	Greater than 10,000 mR/h but less than or equal to 100,000 mR/h	6	10,050	1.5	114,670	1.5	688,020
5	Greater than 100,000 mR/h	0	169,300	16.8	1,926,500	16.8	0
	Total	<u>255</u>					<u>\$ 1,287,491</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-160385

† 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)