

	Source or Reference*	Preliminary Calculations	Rate Components					TOTAL
			Site Availability Charge (SAC)	Volume	Shipments	Containers	Dose Rate	
1. Revenue requirement by rate component for 2015	2015 FCS 1, line 37		742,934	2,038,005	715,614	1,386,617	915,812	5,798,982
2. Revenue by rate component in 2015	Exhibit 1		806,662	2,559,650	813,710	1,597,170	794,800	6,571,992
3. Overall end-of-year collection/(refund) due to SAC true-up	Exhibit 2		(75,446)					(75,446)
4. Revenue in 2015, including effect of SAC true-up	Line 2 + line 3		731,216	2,559,650	813,710	1,597,170	794,800	6,496,546
5. Revenue surplus/(deficit) for 2015	Line 4 – line 1		(11,718)	521,645	98,096	210,553	(121,012)	697,564
6. Calculation of 2015 NORM/NARM net revenue	Settlement § 4(a)							
7. Revenue	Exhibit 3	\$ 423,348						
8. Expenses	Exhibit 3	(160,956)						
9. Net revenue	Line 7 – line 8	262,392						
10. Generators' share of NORM/NARM net revenue	Line 9 ÷ 2	131,196						
11. Allocators for 2015	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		28,863	41,458	14,038	28,207	18,630	131,196
13. Amount to be refunded to generators	Line 5 + line 12 (if positive)		17,145	563,103	112,134	238,760	-	931,142
14. Amount to be added to 2016 revenue requirement	Line 5 + line 12 (if negative)		-	-	-	-	102,382	102,382
15. Revenue requirement for 2015, before WUTC fee and deferrals	2015 FCS 1, line 27							5,787,094
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							5,590,869
22. Calculation of Inflation Index	Settlement § 1(a)							
23. Gross domestic product implicit price deflator, 2015	Exhibit 4 (Table 1.1.9 thereon)	109.775						
24. Gross domestic product implicit price deflator, 2014	Exhibit 4 (Table 1.1.9 thereon)	108.686						
25. Inflation Index	(Line 23 ÷ line 24) – 1	1.00%						
26. Revenue requirement subject to Inflation Index, inflated	Line 21 x (1 + line 25)							5,646,888
27. Revenue requirement for 2016, before WUTC fee and deferrals	Line 20 + line 26							5,843,113
28. WUTC regulatory fee to be refunded	Exhibit 5							56,111
29. Revenue requirement for 2016, before deferrals from 2015	Line 27 – line 28							5,787,002
30. Allocators for 2016	Settlement § 2(a)		22.0%	31.6%	10.7%	21.5%	14.2%	100.0%
31. Allocated revenue requirement for 2016, before deferrals from 2015	Line 27 x line 30		1,273,140	1,828,693	619,209	1,244,205	821,754	5,787,002
32. Allocated revenue requirement for 2016, including deferrals from 2015	Line 14 + line 31		1,273,140	1,828,693	619,209	1,244,205	924,136	5,889,384
33. SAC underrecovery to be allocated to other rate components	Calculation Sheet 2		685,183					
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 2016	Line 33 x line 34			277,587	93,993	188,865	124,739	685,183
36. Allocated revenue requirement for 2016, including SAC reallocation	Line 32 + line 35			2,106,280	713,202	1,433,070	1,048,875	
37. Revenue requirement for 2016	Calculation Sheet 2 and line 36		587,957	2,106,280	713,202	1,433,070	1,048,875	5,889,384
38. Projections for 2016	Exhibit 6			23,086	66	230		
39. "Safety Margin"	Settlement § 1(c)			80%	80%	80%	80%	
40. Dose rate revenue requirement for 2016	Settlement § 1(c)(2)						1,311,094	1,311,094
41. Billing determinants for 2016 rates	Line 38 x line 39			18,469	53	184		
42. Rates for 2016, before rounding	Line 36 ÷ line 41			\$ 114.05	\$ 13,507.62	\$ 7,788.42		
43. Rates for 2016, rounded	Line 42, rounded			\$ 114.00	\$ 13,510.00	\$ 7,790.00		

* "2015 FCS" refers to US Ecology Washington, Inc., "Final Calculation of 2015 Rates, Calculation Sheet," filed with the Washington Utilities and Transportation Commission in Docket No. TL-150517

"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 2016 Site Availability Charge (SAC)**

Calculation Sheet 2

Inputs to SAC Calculation

1. Revenue requirement for 2016 SAC (from Calculation Sheet 1, line 32)	\$ 1,273,140
2. Inflation Index (from Calculation Sheet 1, line 25)	1.00%
3. Maximum increase in SAC (Inflation Index x 2; see Settlement* 2(b)(3)(i))	2.00%

Block No.	Characteristics for Year	2016 Projected Generators in Block	2015SAC	Ratio of Each 2015 Block Charge to that of the Previous Block	Maximum Increase in SAC	2016 SAC (2015 SAC plus Maximum Increase)†	Ratio of Each 2016 Block Charge to that of the Previous Block**	2016 Projected Revenues from SAC
	<i>Column Number:</i>	1	2	3	4	5	6	7
		<i>Source:</i> 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	\$ 276		\$ 6	\$ 282		\$ 9,870
1	Greater than zero but less than or equal to 10 c.f. and 50 mR/h††	37	528	1.91	11	539	1.91	19,943
2	Greater than 10 c.f. or 50 mR/h†† but less than or equal to 20 c.f. and 100 mR/h††	13	1,015	1.92	20	1,035	1.92	13,455
3	Greater than 20 c.f. or 100 mR/h†† but less than or equal to 40 c.f. and 200 mR/h††	9	1,947	1.92	39	1,986	1.92	17,874
4	Greater than 40 c.f. or 200 mR/h†† but less than or equal to 80 c.f. and 400 mR/h††	2	3,738	1.92	75	3,813	1.92	7,626
5	Greater than 80 c.f. or 400 mR/h†† but less than or equal to 160 c.f. and 800 mR/h††	2	7,179	1.92	144	7,323	1.92	14,646
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	13,769	1.92	276	14,045	1.92	28,090
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	26,438	1.92	530	26,968	1.92	53,936
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	50,754	1.92	1,017	51,771	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	97,446	1.92	1,953	99,399	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	139,445	1.43	2,794	140,839	1.42	140,839
11	Greater than 5,120 c.f. or 25,600 mR/h††	2	139,445	1.00	2,794	140,839	1.00	281,678
	Total	<u>105</u>						<u>587,957</u>
	Underrecovery to be spread to other rate components pursuant to Settlement* § 2(b)(3), flush language							<u>\$ 685,183</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-150517

‡ Checked to ensure compliance with Settlement § 2(b)(3)(ii); the maximum charge for 2016 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] or \$140,839 for 2016. Block No. 10 and Block No. 11 are affected by this provision in 2016

** 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 2016 Dose Rate Charge

Calculation Sheet 3

Revenue requirement for 2016 dose rate charge (from Calculation Sheet 1, line 40) \$ 1,311,094

Block No.	Dose Rate at Container Surface	2016 Projected Containers in Block	2015 Dose Rate Charge	Ratio of Each 2015 Block Charge to that of the Previous Block	2016 Dose Rate Charge	Ratio of Each 2016 Block Charge to that of the Previous Block†	2016 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	201	\$ 238		\$ 24		\$ 4,824
2	Greater than 200 mR/h but less than or equal to 1,000 mR/h	10	16,930	71.1	1,706	71.1	17,060
3	Greater than 1,000 mR/h but less than or equal to 10,000 mR/h	5	67,750	4.0	6,750	4.0	33,750
4	Greater than 10,000 mR/h but less than or equal to 100,000 mR/h	7	101,700	1.5	10,050	1.5	70,350
5	Greater than 100,000 mR/h	7	1,708,500	16.8	169,300	16.8	1,185,100
	Total	<u>230</u>					<u>\$ 1,311,084</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-150517

† 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)