

	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								
2.	Revenue collected 2017 January–October								
3.	Estimated net end-of-year collector/(refund) due to SAC true-up								
4.	Projected revenue for 2017 November and December								
5.	Projected revenue for 2017								
6.	Projected revenue surplus/(deficit) for 2017								
7.	Calculation of 2017 NORM/NARM net revenue								
8.	Revenue								
9.	Expenses	\$ 147,606							
10.	Net revenue	(99,943)							
11.	Generators' share of NORM/NARM net revenue	47,663							
12.	Allocators for 2017	23,832							
13.	Generators' share of net revenue, by rate component								
14.	Amount to be refunded to generators								
15.	Amount to be added to 2018 revenue requirement								
16.	Revenue requirement for 2017, before deferrals from 2016								
17.	Calculation of revenue requirement not subject to Inflation Index								
18.	Depreciation and amortization (including airspace amortization)								
19.	Rate case expense								
20.	Leasehold rent and taxes								
21.	Total portion of revenue requirement not subject to Inflation Index	\$ 89,513							
22.	Revenue requirement subject to Inflation Index	14,983							
23.	Calculation of Inflation Index	91,729							
24.	Gross domestic product implicit price deflator, 2017 Quarter 3	113,630							
25.	Gross domestic product implicit price deflator, 2016 Quarter 3	111,628							
26.	Inflation Index	1,79%							
27.	Revenue requirement subject to Inflation Index, inflated								
28.	Revenue requirement for 2018, before deferrals from 2017								
29.	Allocators for 2018								
30.	Allocated revenue requirement for 2018, before deferrals from 2017		22.0%	31.6%	10.7%	21.5%	14.2%	5,823,517	
31.	Allocated revenue requirement for 2018, including deferrals from 2017		1,324,343	1,902,239	644,112	1,294,245	854,803	6,019,742	
32.	SAC underrecovery to be allocated to other rate components		1,339,439	3,228,200	1,263,662	2,357,502	1,681,905	9,870,708	
33.	Allocators for SAC underrecovery		771,262						
34.	Allocated SAC underrecovery for 2018			40.5%	13.7%	27.6%	18.2%	100.0%	
35.	Allocated revenue requirement for 2018, including SAC reallocation			312,460	105,801	212,591	140,409	771,262	
36.	Revenue requirement for 2018			3,540,660	1,369,464	2,570,093	1,822,314	9,870,708	
37.	Projections for 2018		568,178	3,540,660	1,369,464	2,570,093	1,822,314		
38.	"Safety Margin"			22,317	91	247			
39.	Dose rate revenue requirement for 2018			80%	80%	80%	80%		
40.	Billing determinants for 2018 rates			17,854	73	198			
41.	Rates for 2018, before rounding			\$ 198.31	\$ 18,811.31	\$ 13,006.54			
42.	Rates for 2018, rounded			\$ 198.30	\$ 18,810.00	\$ 13,010.00			

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

Calculation Sheet 2

Inputs to SAC Calculation

- Revenue requirement for 2018 SAC (from Calculation Sheet 1, line 31) \$ 1,339,439
- Inflation Index (from Calculation Sheet 1, line 26) 1.79%
- Maximum increase in SAC (Inflation Index x 2; see Settlement* 2(b)(3)(i)) 3.59%

Block No.	Characteristics for Year	Column Number:	2018 Projected Generators in Block	2017 SAC	Ratio of Each 2017 Block Charge to that of the Previous Block		Maximum Increase in SAC	2018 SAC (2017 SAC plus Maximum Increase)†		Ratio of Each 2018 Block Charge to that of the Previous Block**		2018 Projected Revenues from SAC
					3	4		5	6	7		
0	No site use at all											
1	Greater than zero but less than or equal to 10 c.f. and 50 mR/h/††		37	\$ 289			10	\$ 299				\$ 11,077
2	Greater than 10 c.f. or 50 mR/h/†† but less than or equal to 20 c.f. and 100 mR/h/††		28	553	1.91	20	573	1.91				16,039
3	Greater than 20 c.f. or 100 mR/h/†† but less than or equal to 40 c.f. and 200 mR/h/††		14	1,062	1.92	38	1,100	1.92				15,401
4	Greater than 40 c.f. or 200 mR/h/†† but less than or equal to 80 c.f. and 400 mR/h/††		6	2,038	1.92	73	2,111	1.92				12,667
5	Greater than 80 c.f. or 400 mR/h/†† but less than or equal to 160 c.f. and 800 mR/h/††		3	3,913	1.92	140	4,053	1.92				12,160
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	7,515	1.92	270	7,785	1.92				7,785
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/††		0	14,413	1.92	517	14,930	1.92				-
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/††		2	27,675	1.92	993	28,668	1.92				57,335
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	53,128	1.92	1,906	55,034	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/††		0	102,005	1.92	3,659	105,664	1.92				-
11	Greater than 5,120 c.f. or 25,600 mR/h/††		1	142,684	1.40	5,118	145,238	1.37				145,238
	Total		2	142,684	1.00	5,118	145,238	1.00				290,476
	Underrecovery to be spread to other rate components pursuant to Settlement* § 2(b)(3), flush language		94									568,178
												\$ 771,262

* "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 1.0179 or \$145,238 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.
Preliminary Calculation of 2018 Dose Rate Charge**

Calculation Sheet 3

Revenue requirement for 2018 dose rate charge (from Calculation Sheet 1, line 39) **\$ 2,277,892**

Block No.	Dose Rate at Container Surface	Column Number:	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
			1	2	3	4	5	6			
1	Less than or equal to 200 mR/h	Source: Exhibit 5	180	\$ 269	71.1	\$ 49	71.1	\$ 8,820			
2	Greater than 200 mR/h but less than or equal to 1,000 mR/h	Tariff Sheet* Schedule A, B, 4	9	19,120	4.0	3,484	71.1	31,356			
3	Greater than 1,000 mR/h but less than or equal to 10,000 mR/h		42	76,450	1.5	13,910	4.0	584,220			
4	Greater than 10,000 mR/h but less than or equal to 100,000 mR/h		12	114,670	16.8	20,880	1.5	250,560			
5	Greater than 100,000 mR/h		4	1,926,500		350,700	16.8	1,402,800			
	Total		<u>247</u>					<u>\$ 2,277,756</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)