

PROJECTIONS FOR JANUARY 1, 2018 RATE FILING

RICHLAND FACILITY

Updated:

11/20/17

PERMIT #	GENERATOR	SAC BLOCK	VOLUME CU FT	NUMBER OF SHIPMENTS	NUMBER OF CONTAINERS	DOSE RATE - NUMBER OF CONTAINERS PER RANGE				
						< 200	200 - 1K	1K - 10K	10K - 100K	> 100K
DIRECT SHIPPERS										
B101	US ECOLOGY WASHINGTON, INC. (BROKERED WASTE PROJECTIONS)	(B)	391.0	1	4	4	0	0	0	0
B106	PERMA-FIX NORTHWEST, INC. (BROKERED WASTE PROJECTIONS)	(B)	540.0	1	6	6	0	0	0	0
B201	QAL-TEK ASSOCIATES LLC (BROKERED WASTE PROJECTIONS)	(B)	15.0	1	2	2	0	0	0	0
B400	EMC (BROKERED WASTE PROJECTIONS)	(B)	225.0	1	5	5	0	0	0	0
B452	RAD SOLUTIONS LLC (BROKERED WASTE PROJECTIONS)	(B)	15.0	1	2	2	0	0	0	0
G1018	ENERGY NORTHWEST	11	9,880.0	65	76	13	9	41	9	4
G1029	PUGET SOUND NAVAL SHIPYARD	11	6,213.2	11	97	95	0	0	2	0
G1032	AREVA NP, INC.	0	0.0	0	0	0	0	0	0	0
G1137	PERMA-FIX NORTHWEST, INC.	7 (9)	1,890.0	3	21	21	0	0	0	0
G2032	PEARL HARBOR NAVAL SHIPYARD	10	3,148.0	7	34	32	0	1	1	0
			22,317.2	91	247	180	9	42	12	4
BROKER CLIENTS										
G1001	HCS CORPORATION	2	15.0	2	2	2				
G1002	BLOODWORKS NORTHWEST	1	1.0	1	1	1				
G1004	US ECOLOGY WASHINGTON, INC.	0	0.0							
G1006	NOAA NATIONAL MARINE FISHERIES SERVICE	3	40.0	1	5	5				
G1008	FRED HUTCHINSON CANCER RESEARCH CENTER	4	75.0	1	10	10				
G1011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE DBA CENTER FOR INFEC	1	7.4	1	1	1				
G1014	WESTINGHOUSE, RICHLAND SERVICE CENTER (PN SERVICES)	0	0.0	0	0	0				
G1015	WASHINGTON, UNIVERSITY OF	2 (3)	30.0	1	1	1				
G1017	ZYMOGENETICS, INC.	Not renewing permit for 2018.								
G1022	BOEING COMPANY, THE	1	7.5	1	1	1				
G1026	TEST AMERICA	0	0.0	0	0	0				
G1027	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	1	6.6	1	1	1				
G1028	UNITECH SERVICES GROUP	0	0.0	0	0	0				
G1033	WASHINGTON STATE UNIVERSITY	3 (4)	80.0							
G1044	WASHINGTON STATE DEPARTMENT OF HEALTH	2	14.7	2	2	2				
G1045	VA PUGET SOUND HEALTH CARE SYSTEM	3	21.0							
G1048	US AIR FORCE (WASHINGTON SITES)	0	0.0	0	0	0				
G1076	US NAVY (WASHINGTON SITES)	2	15.0	2	2	2				
G1080	US ARMY (WASHINGTON SITES)	1	4.0	1	1	1				
G1096	MORAVEK BIOCHEMICALS INC.	5	120.0	1	8	8				
G1103	PACIFIC NORTHWEST DIABETES RESEARCH INSTITUTE	1	5.0	2	3	3				
G1108	DENDREON PHARMACEUTICALS, INC.	2	20.0	2	2	2				
G1126	SEATTLE GENETICS, INC.	4	49.0	2	4	4				
G1149	ISORAY MEDICAL INC.	4	70.0	1	14	14				
G1150	SCHNITZER STEEL OF TACOMA	1	10.0	1	1	1				
G1154	APTEVO RESEARCH & DEVELOPMENT LLC	1	4.0	1	1	1				
G1156	SEATTLE CHILDREN'S HOSPITAL	1	2.0	1	1	1				

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G1166	DAWN MINING COMPANY	0	0.0	0	0	0				
G1173	INSTITUTE FOR SYSTEMS BIOLOGY	0 (1)	7.5							
G1191	R.J. LEE GROUP, INC.	2	20.0	1	2	2				
G1192	ENERGY LABORATORIES			Not expected to renew permit for 2018.						
G1200	CARDINAL HEALTH PET MANUFACTURING	2	14.7	1	2	2				
G1207	ALLEN INSTITUTE	1	10.0	1	1	1				
G1210	KURION, INC.	0	0.0	0	0	0				
G2003	BRIGHAM YOUNG UNIVERSITY	0 (1)	7.5							
G2012	OREGON, UNIVERSITY OF	2 (3)	30.0	1	4	4				
G2016	OREGON HEALTH & SCIENCE UNIVERSITY	1 (2)	15.0							
G2017	MONTANA, UNIVERSITY OF	0 (0)	0.0	0	0	0				
G2020	UTAH, UNIVERSITY OF	3 (4)	50.0	2	2	2				
G2021	UNIVERSITY OF HAWAII	1 (2)	20.0	1	1	1				
G2022	OREGON STATE UNIVERSITY	3 (4)	65.0							
G2025	PCC STRUCTURALS	7	391.0	1	4	4				
G2031	VA PORTLAND HEALTH CARE SYSTEM	2	20.0	1	2	2				
G2034	MONTANA STATE UNIVERSITY	2 (3)	30.0	1	4	4				
G2035	ARUP, INC.	2	11.6	1	1	1				
G2042	US ARMY (ALASKA SITES)	0	0.0	0	0	0				
G2049	US ARMY (UTAH SITES) TOOELE	1	7.5	1	1	1				
G2050	US ARMY (IDAHO SITES)	0	0.0	0	0	0				
G2051	US ARMY (WYOMING SITES)	0	0.0	0	0	0				
G2052	US AIR FORCE (OREGON SITES)	0	0.0	0	0	0				
G2053	US AIR FORCE (UTAH SITES)	1	4.0	1	1	1				
G2054	US AIR FORCE (MONTANA SITES)	0	0.0	0	0	0				
G2055	US AIR FORCE (WYOMING SITES)	0	0.0	0	0	0				
G2064	US ARMY (HAWAII SITES)	0	0.0	0	0	0				
G2066	OREGON HEALTH AUTHORITY - RADIATION PROTECTION SERVICES	1	7.5	1	1	1				
G2067	US ARMY (OREGON SITES)	1	4.0	1	1	1				
G2068	US AIR FORCE (IDAHO SITES)	0	0.0	0	0	0				
G2080	PROVIDENCE PORTLAND MEDICAL CENTER	0	0.0							
G2082	PORTLAND STATE UNIVERSITY	0 (1)	7.0	1	1	1				
G2087	US NAVY (HAWAII SITES)	2	15.0	2	2	2				
G2091	US ARMY (MONTANA SITES)	0	0.0	0	0	0				
G2106	ROCKY MOUNTAIN LABORATORIES, NIAD, NIH	0	0.0	0	0	0				
G2122	SCHNITZER STEEL PRODUCTS COMPANY	2	20.0	1	2	2				
G2124	REED COLLEGE	1 (2)	14.7	1	1	1				
G2130	US AIR FORCE (ALASKA SITES)	0	0.0	0	0	0				
G2131	US AIR FORCE (HAWAII SITES)	0	0.0	0	0	0				
G2140	U.S. D.O.E., NETL- ALBANY	3	26.0	1	3	3				
G2151	INTERNATIONAL ISOTOPES INC.	0	0.0	0	0	0				
G2155	BYU - IDAHO	0 (0)	0.0	0	0	0				
G2167	INTERMOUNTAIN HEALTHCARE, INC.	0	0.0	0	0	0				

US ECOLOGY WASHINGTON, INC.

2018 PRELIMINARY RATES

EXHIBIT 5

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G2173	QAL-TEK ASSOCIATES LLC	1	7.5	1	1					
G2193	METRO METALS NORTHWEST, INC.	1	2.0							
G2208	UTAH PUBLIC HEALTH LABORATORY	1	10.0							
G3006	UNIVERSITY OF COLORADO - DENVER	0 (1)	10.0							
G3007	UNIVERSITY OF NEVADA - RENO	1 (2)	15.0	1	1	1				
G3016	UNIVERSITY OF COLORADO - BOULDER	1 (2)	18.0	2	10	10				
G3028	UNIVERSITY OF NEVADA - LAS VEGAS	0 (0)	0.0	0	0	0				
G3035	COLORADO STATE UNIVERSITY	1 (2)	20.0	1	3	3				
G3037	UNIVERSITY OF DENVER	0 (0)	0.0	0	0	0				
G3038	LOVELACE RESPIRATORY RESEARCH INSTITUTE		Not expected to renew permit for 2018.							
G3046	US ARMY (NEVADA SITES)	0	0.0	0	0	0				
G3047	US ARMY (COLORADO SITES)	1	4.0	1	1	1				
G3048	US AIR FORCE (COLORADO SITES)	0	0.0	0	0	0				
G3049	US AIR FORCE (NEW MEXICO SITES)	1	7.5	1	1	1				
G3050	US AIR FORCE (NEVADA SITES)	1	7.5	1	1	1				
G3058	NEW MEXICO STATE UNIVERSITY	0 (1)	8.0							
G3059	US ARMY (NEW MEXICO SITES)	1	4.0	1	1	1				
G3062	US NAVY (NEW MEXICO SITES)	0	0.0	0	0	0				
G3095	THERMO MF PHYSICS CORP	1	3.0	1	2	2				
G3124	US NAVY (NEVADA SITES)	0	0.0	0	0	0				
G3150	PARTICLE MEASURING SYSTEMS INC.	2	12.0	1	3	3				
G3183	UNIVERSITY OF NORTHERN COLORADO	0 (1)	4.0	1	1	1				

- Projection not returned. Volume estimated based on history or to place in block 1 or 0 if new permit.

Block	0	37
	1	28
	2	14
	3	6
	4	3
	5	1
	6	0
	7	2
	8	0
	9	0
	10	1
	11	2
	NR	3