

PROJECTIONS FOR JANUARY 1, 2017 RATE FILING

RICHLAND FACILITY

Updated:

11/22/16

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)	120.0	1	8	8	0	0	0	0
B106	PERMA-FIX NORTHWEST, INC. (BROKERED WASTE PROJECTIONS)	(B)	630.0	1	7	7	0	0	0	0
B400	EMC (BROKERED WASTE PROJECTIONS)	(B)	370.0	1	7	7	0	0	0	0
B452	RAD SOLUTIONS LLC (BROKERED WASTE PROJECTIONS)	(B)	30.0	1	4	4	0	0	0	0
G1018	ENERGY NORTHWEST	11	10,710.0	38	107	95	4	4	4	0
G1029	PUGET SOUND NAVAL SHIPYARD	Dose 11	1,674.6	13	45	43	0	0	2	0
G1032	AREVA NP, INC.	9	2,418.0	5	26	26	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	2,679.0	7	30	28	0	2	0	0
			20,521.6	70	255	239	4	6	6	0
BROKER CLIENTS										
G1001	HCS CORPORATION	2	20.0	1	2	2				
G1002	BLOODWORKS NORTHWEST	0	0.0	0	0	0				
G1004	US ECOLOGY WASHINGTON, INC.	0	0.0							
G1008	FRED HUTCHINSON CANCER RESEARCH CENTER	4	75.0	1	10	10				
G1011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE DBA CENTER FOR INFECTION	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.	1	4.0	1	1	1				
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	2	15.0	1	1	1				
G1028	UNITECH SERVICES GROUP	0	0.0	0	0	0				
G1033	WASHINGTON STATE UNIVERSITY	3 (4)	80.0							
G1034	AMGEN, INC.	Not renewing permit for 2017.								
G1044	WASHINGTON STATE DEPARTMENT OF HEALTH	3	22.5	1	3	3				
G1045	VA PUGET SOUND HEALTH CARE SYSTEM	2	14.7							
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	7.0	2	3	3				
G1108	DENDREON PHARMACEUTICALS, INC.	2	20.0	2	2	2				
G1126	SEATTLE GENETICS, INC.	4	75.0	2	8	8				
G1149	ISORAY MEDICAL INC.	5	120.0							
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				
G1166	DAWN MINING COMPANY	0	0.0	0	0	0				

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G1173	INSTITUTE FOR SYSTEMS BIOLOGY	0 (1)	7.5							
G1190	PROVIDENCE SACRED HEART MEDICAL CENTER		Not expected to renew permit for 2017.							
G1191	R.J. LEE GROUP, INC.	5	150.0	1	4	4				
G1192	ENERGY LABORATORIES	1	1.0	1	1	1				
G1200	CARDINAL HEALTH PET MANUFACTURING	2	15.0	1	2	2				
G1207	ALLEN INSTITUTE	1	10.0	1	1	1				
G1210	KURION, INC.	0	0.0	0	0	0				
G1212	CARDINAL HEALTH		Not expected to renew permit for 2017.							
G2003	BRIGHAM YOUNG UNIVERSITY	1 (2)	20.0	4	3	3				
G2016	OREGON HEALTH & SCIENCE UNIVERSITY	2 (3)	22.5	1	3	3				
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)	45.0							
G2025	PCC STRUCTURALS	0	0.0	0	0	0				
G2031	VA PORTLAND HEALTH CARE SYSTEM	2	20.0	1	3	3				
G2034	MONTANA STATE UNIVERSITY	2 (3)	30.0	1	4	4				
G2035	ARUP, INC.	2	12.3	1	1	1				
G2038	WYOMING, UNIVERSITY OF		Not renewing permit for 2017.							
G2042	US ARMY (ALASKA SITES)	0	0.0	0	0	0				
G2049	US ARMY (UTAH SITES) TOOELE	0	0.0	0	0	0				
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)	0	0.0	0	0	0				
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)	1	4.0	1	1	1				
G2065	IDAHO STATE UNIVERSITY		Not renewing permit for 2017.							
G2066	OREGON HEALTH AUTHORITY - RADIATION PROTECTION SERVICES	0	0.0							
G2067	US ARMY (OREGON SITES)	0	0.0	0	0	0				
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)	1	4.0	1	1	1				
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	1	10.0	1	1	1				
G2124	REED COLLEGE	1 (2)	14.7	1	2	2				
G2130	US AIR FORCE (ALASKA SITES)	0	0.0	0	0	0				
G2131	US AIR FORCE (HAWAII SITES)	1	4.0	1	1	1				
G2140	U.S. D.O.E., NETL- ALBANY	1	7.0	1	1	1				
G2151	INTERNATIONAL ISOTOPES INC.	0	0.0	0	0	0				

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G2155	BYU - IDAHO	0 (0)	0.0	0	0	0				
G2167	INTERMOUNTAIN HEALTHCARE, INC.	1	7.5	1	1	1				
G2173	QAL-TEK ASSOCIATES LLC	2	19.0	2	3	3				
G2193	METRO METALS NORTHWEST, INC.	1	5.0							
G2207	GOODWELL, INC.		Not renewing permit for 2017.							
G2208	UTAH PUBLIC HEALTH LABORATORY	1	10.0	1	1	1				
G2209	TALLEN MONTANA, LLC		Not renewing permit for 2017.							
G3006	UNIVERSITY OF COLORADO - DENVER	1 (2)	20.0	2	2	2				
G3007	UNIVERSITY OF NEVADA - RENO	1 (2)	20.0	1	1	1				
G3016	UNIVERSITY OF COLORADO - BOULDER	1 (2)	17.8	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							
G3043	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	2	15.0	1	2	2				
G3046	US ARMY (NEVADA SITES)	1	4.0	1	1	1				
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	1 (2)	15.0							
G3059	US ARMY (NEW MEXICO SITES)	0	0.0	0	0	0				
G3062	US NAVY (NEW MEXICO SITES)	0	0.0	0	0	0				
G3095	THERMO MF PHYSICS CORP	2	20.0	1	2	2				
G3124	US NAVY (NEVADA SITES)	1	4.0	1	1	1				
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	35
	1	31
	2	15
	3	4
	4	2
	5	3
	6	0
	7	1
	8	0
	9	1
	10	1
	11	2
	NR	7