

PROJECTIONS FOR JANUARY 1, 2020 RATE FILING

RICHLAND FACILITY

Updated:

11/18/19

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)	1,890.0	3	21	21	0	0	0	0
B201	QAL-TEK ASSOCIATES LLC (BROKERED WASTE PROJECTIONS)	(B)	7.5	1	1	1	0	0	0	0
B400	EMC (BROKERED WASTE PROJECTIONS)	(B)	220.0	1	4	4	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	5,557.9	31	40	22	8	7	2	1
G1029	PUGET SOUND NAVAL SHIPYARD	Dose 10	815.0	5	9	7	0	0	2	0
G1032	FRAMATOME	8	1,209.0	3	13	13	0	0	0	0
G1137	PERMA-FIX NORTHWEST, INC.	7 (8)	1,260.0	2	14	14	0	0	0	0
G2032	PEARL HARBOR NAVAL SHIPYARD	8	918.4	3	12	12	0	0	0	0
			12,283.8	51	120	100	8	7	4	1
BROKER CLIENTS										
G1004	US ECOLOGY WASHINGTON, INC.	0	0.0							
G1006	NOAA NATIONAL MARINE FISHERIES SERVICE	1	10.0	1	2	2				
G1008	FRED HUTCHINSON CANCER RESEARCH CENTER	4	75.0	2	10	10				
G1015	WASHINGTON, UNIVERSITY OF	2 (3)	30.0	1	1	1				
G1022	BOEING COMPANY, THE	1	7.5	1	1	1				
G1026	TEST AMERICA	Not expected to renew permit for 2020.								
G1027	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	2	15.0	1	3	3				
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	20.0	1	3	3				
G1045	VA PUGET SOUND HEALTH CARE SYSTEM	2	14.7	1	2	2				
G1048	US AIR FORCE (WASHINGTON SITES)	0	0.0	0	0	0				
G1076	US NAVY (WASHINGTON SITES)	5	97.5	1	2	2				
G1080	US ARMY (WASHINGTON SITES)	1	4.0	1	1	1				
G1103	PACIFIC NORTHWEST DIABETES RESEARCH INSTITUTE	Not renewing permit for 2020.								
G1108	DENDREON PHARMACEUTICALS, INC.	2	20.0							
G1126	SEATTLE GENETICS, INC.	2	15.0	2	4	4				
G1149	ISORAY MEDICAL INC.	1	10.0	1	1	1				
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	5.0	1	1	1				
G1166	DAWN MINING COMPANY	0	0.0	0	0	0				
G1173	INSTITUTE FOR SYSTEMS BIOLOGY	2 (3)	35.0	1	7	7				
G1191	R.J. LEE GROUP, INC.	3	24.0	1	3	3				
G1200	CARDINAL HEALTH PET MANUFACTURING	0	0.0	0	0	0				
G1207	ALLEN INSTITUTE	1	10.0	1	1	1				
G1210	VEOLIA NUCLEAR SOLUTIONS, INC. (KURION, INC.)	0	0.0	0	0	0				

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G1225	TERRAPOWER, LLC	3	32.0	4	4	4				
G1226	OMEROS CORPORATION	0	0.0	0	0	0				
G1227	PACIFIC COAST SHREDDING LLC	1	2.0							
G1228	SKAGIT COUNTY PUBLIC WORKS									Not renewing permit for 2020.
G1229	INTERNATIONAL ISOTOPES INC/HARBORVIEW									Not renewing permit for 2020.
G2003	BRIGHAM YOUNG UNIVERSITY	0 (1)	10.0							
G2012	OREGON, UNIVERSITY OF	1 (2)	15.0	2	2	2				
G2016	OREGON HEALTH & SCIENCE UNIVERSITY	3 (4)	73.5	1	10	10				
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)	70.0							
G2025	PCC STRUCTURALS	7	391.0	1	4	4				
G2031	VA PORTLAND HEALTH CARE SYSTEM	2	15.0	1	2	2				
G2034	MONTANA STATE UNIVERSITY	2 (3)	30.0	1	5	5				
G2035	ARUP, INC.	2	15.0	1	1	1				
G2042	US ARMY (ALASKA SITES)	0	0.0	0	0	0				
G2048	U.S. EPA/WESTERN ECOLOGY DIVISION									Not renewing permit for 2020.
G2049	US ARMY (UTAH SITES) TOOELE	0	0.0	0	0	0				
G2050	US ARMY (IDAHO SITES)	1	7.5	1	1	1				
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	7.5	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				
G2065	IDAHO STATE UNIVERSITY	3 (4)	80.0							
G2067	US ARMY (OREGON SITES)	0	0.0	0	0	0				
G2068	US AIR FORCE (IDAHO SITES)	0	0.0	0	0	0				
G2082	PORTLAND STATE UNIVERSITY	0 (1)	7.0	1	1	1				
G2087	US NAVY (HAWAII SITES)	0	0.0	0	0	0				
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	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	29.0	1	4	4				
G2155	BYU - IDAHO	0 (0)	0.0	0	0	0				
G2167	INTERMOUNTAIN HEALTHCARE, INC.	0	0.0	0	0	0				
G2173	QAL-TEK ASSOCIATES LLC	1	7.5	1	1	1				
G2193	METRO METALS NORTHWEST, INC.	1	2.0							
G2239	PROVIDENCE ALASKA MEDICAL CENTER									Not renewing permit for 2020.

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G2243	NORTHROP GRUMMAN INNOVATION SYSTEMS		Not renewing permit for 2020.							
G3006	UNIVERSITY OF COLORADO - DENVER	0 (1)	3.0	1	1	1				
G3007	UNIVERSITY OF NEVADA - RENO	0 (1)	7.5							
G3016	UNIVERSITY OF COLORADO - BOULDER	2 (3)	22.5							
G3028	UNIVERSITY OF NEVADA - LAS VEGAS	0 (0)	0.0	0	0	0				
G3035	COLORADO STATE UNIVERSITY	1 (2)	20.0	1	3	3				
G3046	US ARMY (NEVADA SITES)	0	0.0	0	0	0				
G3047	US ARMY (COLORADO SITES)	1	7.5	1	1	1				
G3048	US AIR FORCE (COLORADO SITES)	0	0.0	0	0	0				
G3049	US AIR FORCE (NEW MEXICO SITES)	0	0.0	0	0	0				
G3050	US AIR FORCE (NEVADA SITES)	0	0.0	0	0	0				
G3058	NEW MEXICO STATE UNIVERSITY	0 (1)	8.0							
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	3	30.0	1	4	4				
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	2 (3)	39.0	1	1	1				
G3193	GLOBAL MEDICAL ISOTOPE SYSTEMS LLC		Not expected to renew permit for 2020.							
G3194	COBHAM RAD SOLUTIONS	1	7.5							

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

Block	0	37
	1	20
	2	13
	3	9
	4	1
	5	1
	6	0
	7	2
	8	2
	9	0
	10	1
	11	1
	NR	8