

PROJECTIONS FOR JANUARY 1, 2022 RATE FILING

RICHLAND FACILITY

Updated:

11/23/21

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
<b>DIRECT SHIPPERS</b>										
B101	US ECOLOGY WASHINGTON, INC. (BROKERED WASTE PROJECTIONS)	(B)	630.0	2	6	3	3	0	0	0
B106	PERMA-FIX NORTHWEST, INC. (BROKERED WASTE PROJECTIONS)	(B)	2,304.0	3	24	22	2	0	0	0
B400	EMC (BROKERED WASTE PROJECTIONS)	(B)	200.0	1	3	3	0	0	0	0
B452	RAD SOLUTIONS LLC (BROKERED WASTE PROJECTIONS)	(B)	4.0	1	1	1	0	0	0	0
G1018	ENERGY NORTHWEST	11	5,897.9	27	38	16	10	2	9	1
G1029	PUGET SOUND NAVAL SHIPYARD	10	4,000.0	7	17	15	0	0	2	0
G1032	FRAMATOME	8	1,209.0	3	13	13	0	0	0	0
G1096	MORAVEK BIOCHEMICALS INC.	6	210.0	1	9	9	0	0	0	0
G1137	PERMA-FIX NORTHWEST, INC.	7 (8)	768.0	1	8	8	0	0	0	0
G2032	PEARL HARBOR NAVAL SHIPYARD	8	711.7	5	8	8	0	0	0	0
			15,934.6	51	127	98	15	2	11	1
<b>BROKER CLIENTS</b>										
G1004	US ECOLOGY WASHINGTON, INC.	0	0.0							
G1006	NOAA NATIONAL MARINE FISHERIES SERVICE	0	0.0							
G1008	FRED HUTCHINSON CANCER RESEARCH CENTER	4	75.0							
G1015	WASHINGTON, UNIVERSITY OF	2 (3)	30.0							
G1022	BOEING COMPANY, THE	1	7.5							
G1027	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	2	15.0							
G1028	UNITECH SERVICES GROUP	0	0.0							
G1033	WASHINGTON STATE UNIVERSITY	3 (4)	80.0							
G1044	WASHINGTON STATE DEPARTMENT OF HEALTH	0	0.0							
G1045	VA PUGET SOUND HEALTH CARE SYSTEM	3	22.0							
G1048	US AIR FORCE (WASHINGTON SITES)	0	0.0							
G1076	US NAVY (WASHINGTON SITES)	6	163.0							
G1080	US ARMY (WASHINGTON SITES)	0	0.0							
G1108	DENDREON PHARMACEUTICALS, INC.	2	20.0							
G1126	SEAGEN (SEATTLE GENETICS, INC.)	2	15.0							
G1149	ISORAY MEDICAL INC.	5	150.0							
G1150	SCHNITZER STEEL OF TACOMA	0	0.0							
G1154	APTEVO RESEARCH & DEVELOPMENT LLC	0	0.0							
G1156	SEATTLE CHILDREN'S HOSPITAL	1	5.0							
G1166	DAWN MINING COMPANY	0	0.0							
G1191	R.J. LEE GROUP, INC.	3	24.0							
G1200	CARDINAL HEALTH PET MANUFACTURING	0	0.0							
G1207	ALLEN INSTITUTE	1	10.0							
G1210	VEOLIA NUCLEAR SOLUTIONS, INC. (KURION, INC.)	0	0.0							
G1225	TERRAPOWER, LLC	1	10.0							
G1226	OMEROS CORPORATION	0	0.0							

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G1231	TRIAD NATIONAL SECURITY LLC (LOS ALAMOS NATL LAB)					Not expected to renew permit for 2022.				
G1235	PEACEHEALTH ST. JOHN MEDICAL CENTER					Not expected to renew permit for 2022.				
G1236	SEATTLE CANCER CARE ALLIANCE	1	10.0							
G1237	PHOENIX CENTRAL LABORATORY					Not expected to renew permit for 2022.				
G2003	BRIGHAM YOUNG UNIVERSITY	2 (3)	30.0							
G2008	HAWAII AGRICULTURE RESEARCH CENTER	4	60.0							
G2012	OREGON, UNIVERSITY OF	0 (1)	7.5							
G2014	UTAH STATE UNIVERSITY	3 (4)	74.0							
G2016	OREGON HEALTH & SCIENCE UNIVERSITY	3 (4)	73.5							
G2017	MONTANA, UNIVERSITY OF	0 (0)	0.0							
G2020	UTAH, UNIVERSITY OF	3 (4)	50.0							
G2021	UNIVERSITY OF HAWAII	1 (2)	20.0							
G2022	OREGON STATE UNIVERSITY	3 (4)	65.0							
G2031	VA PORTLAND HEALTH CARE SYSTEM	2	20.0							
G2034	MONTANA STATE UNIVERSITY					Not expected to renew permit for 2022.				
G2035	ARUP, INC.	2	15.0							
G2042	US ARMY (ALASKA SITES)	0	0.0							
G2049	US ARMY (UTAH SITES) TOOELE	0	0.0							
G2050	US ARMY (IDAHO SITES)	0	0.0							
G2051	US ARMY (WYOMING SITES)	0	0.0							
G2052	US AIR FORCE (OREGON SITES)	0	0.0							
G2053	US AIR FORCE (UTAH SITES)	0	0.0							
G2054	US AIR FORCE (MONTANA SITES)	0	0.0							
G2055	US AIR FORCE (WYOMING SITES)	0	0.0							
G2064	US ARMY (HAWAII SITES)	0	0.0							
G2065	IDAHO STATE UNIVERSITY	2 (3)	22.0							
G2067	US ARMY (OREGON SITES)	0	0.0							
G2068	US AIR FORCE (IDAHO SITES)	0	0.0							
G2082	PORTLAND STATE UNIVERSITY	2 (3)	23.5							
G2087	US NAVY (HAWAII SITES)	0	0.0							
G2091	US ARMY (MONTANA SITES)	0	0.0							
G2106	ROCKY MOUNTAIN LABORATORIES, NIAD, NIH	2	15.0							
G2122	SCHNITZER STEEL PRODUCTS COMPANY	1	10.0							
G2124	REED COLLEGE	1 (2)	14.7							
G2130	US AIR FORCE (ALASKA SITES)	0	0.0							
G2131	US AIR FORCE (HAWAII SITES)	0	0.0							
G2140	U.S. D.O.E., NETL- ALBANY	5	151.0							
G2151	INTERNATIONAL ISOTOPES INC.	7	630.0							
G2155	BYU - IDAHO	0 (0)	0.0							
G2167	INTERMOUNTAIN HEALTHCARE, INC.	0	0.0							
G2235	ST. LUKE'S HEALTH SYSTEM	1	10.0							
G2245	ADVANCED ISOTOPES OF IDAHO					Not expected to renew permit for 2022.				

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G2246	TETON CANCER INSTITUTE					Not expected to renew permit for 2022.				
G2247	ST. CHARLES MEDICAL CENTER					Not expected to renew permit for 2022.				
G2248	QUANTEL USA					Not expected to renew permit for 2022.				
G3006	UNIVERSITY OF COLORADO - DENVER	0 (1)	10.0							
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							
G3035	COLORADO STATE UNIVERSITY	1 (2)	20.0							
G3046	US ARMY (NEVADA SITES)	0	0.0							
G3047	US ARMY (COLORADO SITES)	0	0.0							
G3048	US AIR FORCE (COLORADO SITES)	0	0.0							
G3049	US AIR FORCE (NEW MEXICO SITES)	0	0.0							
G3050	US AIR FORCE (NEVADA SITES)	0	0.0							
G3058	NEW MEXICO STATE UNIVERSITY	0 (1)	8.0							
G3059	US ARMY (NEW MEXICO SITES)	0	0.0							
G3062	US NAVY (NEW MEXICO SITES)	0	0.0							
G3095	THERMO MF PHYSICS CORP	3	30.0							
G3124	US NAVY (NEVADA SITES)	0	0.0							
G3150	PARTICLE MEASURING SYSTEMS INC.	2	12.0							
G3183	UNIVERSITY OF NORTHERN COLORADO	0 (1)	4.0							
G3195	NEVADA DPHBH RADIATION CONTROL PROGRAM					Not renewing permit for 2022.				

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

Block	0	44
	1	10
	2	12
	3	8
	4	2
	5	2
	6	2
	7	2
	8	2
	9	0
	10	1
	11	1
	NR	9