United States Department of Energy
Central Internet Database

Data Category: Combined Radioactive Waste and Contaminated Media

Stream Characteristic Detail (RAD/CM-13)

STATE: Tennessee | **PROGRAM:** EM | **WASTE TYPE:** Low Level Waste

SITE: Oak Ridge | **OPERATIONS OFFICE:** Oak Ridge Operations Office

Oak Ridge - Low Level Waste - Packaged Low-level Waste from SNF Activities | **WASTE STREAM CODE:** 00265

Approved Volume : 0.000 | **Future Volume Avg:** 18.500 | **Future Volume Lower Limit:** | **Future Volume Upper Limit:**

%of Stream	STREAM NAME:	MPC NAME:	TOTAL CURIES:
100.000	Hot Cell Waste		

Isotopes			
Strontium-90	**Avg Concentration:** 1.5800E+000 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-244	**Avg Concentration:** 9.1700E-002 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-152	**Avg Concentration:** 4.6400E-001 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:** 2.4100E-002 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-154	**Avg Concentration:** 4.0100E-001 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-240	**Avg Concentration:** 8.4500E-003 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-134	**Avg Concentration:** 2.7000E-002 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-239	**Avg Concentration:** 4.4400E-002 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:** 1.0700E+001 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-60	**Avg Concentration:** 5.5200E-001 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-241	**Avg Concentration:** 6.7200E-002 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Low Level Waste - Other Liquid to ORNL LLLW			**WASTE STREAM CODE:** 01580
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** Other Liquid to ORNL LLLW	**MPC NAME:** Liquids	**TOTAL CURIES:**
100.000	Other Liquid to ORNL LLLW		

Isotopes			
Americium-243	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 2.0000E+006 Bq/l
Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 5.1400E+008 Bq/l
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 8.5700E+009 Bq/l
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 2.0000E+006 Bq/l
Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 3.6000E+007 Bq/l
Europium-154	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 1.7100E+009 Bq/l
Plutonium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 2.0000E+006 Bq/l
Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 1.3700E+008 Bq/l
Thorium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 8.5700E+005 Bq/l
Californium-252	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 9.9900E+006 Bq/l
Ruthenium-106	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 8.5700E+008 Bq/l
Krypton-85	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 9.9900E+010 Bq/l
Europium-155	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 8.0600E+009 Bq/l
Cesium-134	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 3.6000E+008 Bq/l
Curium-246	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 2.0000E+006 Bq/l
Americium-242m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 2.0000E+006 Bq/l
Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 9.9900E+006 Bq/l
Uranium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 3.0000E+006 Bq/l
Curium-244	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 4.0000E+006 Bq/l
Carbon-14	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 3.6000E+009 Bq/l
Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 2.0000E+006 Bq/l
Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 2.4000E+009 Bq/l

Manganese-54	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 7.5400E+009 Bq/l
Zinc-65	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 2.0600E+009 Bq/l
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 8.9900E+009 Bq/l
Plutonium-240	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 2.0000E+006 Bq/l
Iodine-129	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 6.1400E+005 Bq/l
Europium-152	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 1.7100E+009 Bq/l
Uranium-233	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 9.9900E+006 Bq/l
Thorium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 4.0000E+006 Bq/l
Plutonium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 9.9900E+007 Bq/l

Oak Ridge - Low Level Waste - Organic Liquids			**WASTE STREAM CODE:** 01581
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** Organic Liquids	**MPC NAME:** Organic Liquids	**TOTAL CURIES:** 90,824,901,000
100.000	Organic Liquids		
	Isotopes		
	Zirconium-88	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Tungsten-187	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Europium-156	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Hafnium-181	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Neptunium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Protactinium-233	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Radium-223	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Selenium-75	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Terbium-160	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Arsenic-74	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Americium-244	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-225	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-212	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-212	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-250	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Yttrium-88	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-181	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-231	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radon-219	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhenium-188	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-58	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-224	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Platinum-195m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Polonium-218	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-146	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Palladium-103	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Osmium-194	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-91m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-177m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iridium-192m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Indium-114m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-182	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Germanium-68	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Dysprosium-166	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Calcium-45	**Avg Concentration:** 5.7300E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cadmium-109	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-207	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Californium-249	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-185	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thallium-208	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-95m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tin-117m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-126	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tin-113	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Scandium-46	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-124	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Ruthenium-103	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-236	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-234m	**Avg Concentration:** 3.1372E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Phosphorus-32	**Avg Concentration:** 3.2429E+006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-95	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-173	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Holmium-166m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-175	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Gadolinium-153	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-136	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-143	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-208	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Arsenic-73	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-111	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-214	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-240	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-56	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Titanium-44	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tantalum-179	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Scandium-44	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radon-220	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhodium-101	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-141	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-139	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Beryllium-7	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Samarium-145	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-108m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-110m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-57	**Avg Concentration:** 2.9474E+001 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Manganese-54	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Sodium-22	**Avg Concentration:** 5.5615E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Zinc-65	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-252	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-125	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Ruthenium-106	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-147	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Krypton-85	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iron-55	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-155	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-134	**Avg Concentration:** 5.0559E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-246	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-245	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-144	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Yttrium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-137m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-238	**Avg Concentration:** 7.9796E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-236	**Avg Concentration:** 9.7025E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-235	**Avg Concentration:** 1.2795E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:** 2.2255E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-233	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-230	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-229	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-228	**Avg Concentration:** 4.1974E-011 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:** 2.5495E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:** 3.7313E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Samarium-151	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-226	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-242	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhenium-186	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Platinum-197	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Platinum-193	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-145	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Osmium-191	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Sodium-24	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-177	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-214	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thulium-171	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Zirconium-95	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-188	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-227	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tantalum-182	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-89	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iridium-192	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-131	**Avg Concentration:** 1.4053E+006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Mercury-203	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iron-59	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Chromium-51	**Avg Concentration:** 1.0474E+006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Xenon-131m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-248	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-85	**Avg Concentration:** 8.4211E+001 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Sulfur-35	**Avg Concentration:** 4.8371E+005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Polonium-210	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Phosphorus-33	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Molybdenum-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lanthanum-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-125	**Avg Concentration:** 1.9663E+005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-227	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Aluminum-26	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-241	**Avg Concentration:** 3.5391E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-243	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-133	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Carbon-14	**Avg Concentration:** 5.1333E+001 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Chlorine-36	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Curium-243	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-244	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-60	**Avg Concentration:** 3.9684E+000 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:** 4.2819E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-152	**Avg Concentration:** 3.0897E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-154	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:** 1.1128E+005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-129	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Potassium-40	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-94	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Nickel-59	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Nickel-63	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-231	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-210	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Low Level Waste - MVST Monoliths			**WASTE STREAM CODE:** 01584
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** MVST Monoliths	**MPC NAME:** Solidified Inorganic Solids	**TOTAL CURIES:**
100.000	MVST Monoliths		
	Isotopes		
	Carbon-14	**Avg Concentration:** 4.8300E+007 Bq/m3	**Low Limit Concent:** 4.2000E+006 Bq/m3	**Upper Limit Concent:** 9.2500E+007 Bq/m3
	Cobalt-60	**Avg Concentration:** 1.6200E+009 Bq/m3	**Low Limit Concent:** 4.7000E+005 Bq/m3	**Upper Limit Concent:** 2.3900E+009 Bq/m3
	Cesium-137	**Avg Concentration:** 1.2600E+011 Bq/m3	**Low Limit Concent:** 9.0000E+009 Bq/m3	**Upper Limit Concent:**
	Hydrogen-3	**Avg Concentration:** 8.3200E+008 Bq/m3	**Low Limit Concent:** 7.6400E+008 Bq/m3	**Upper Limit Concent:** 8.9900E+008 Bq/m3

Cesium-134	**Avg Concentration:** 1.1300E+009 Bq/m3	**Low Limit Concent:**7.0000E+005 Bq/m3	**Upper Limit Concent:**1.5100E+009 Bq/m3
Europium-155	**Avg Concentration:** 1.1200E+009 Bq/m3	**Low Limit Concent:**8.9900E+008 Bq/m3	**Upper Limit Concent:**1.3500E+009 Bq/m3
Thorium-229	**Avg Concentration:** 6.1500E+006 Bq/m3	**Low Limit Concent:**4.0300E+004 Bq/m3	**Upper Limit Concent:**8.6400E+008 Bq/m3
Strontium-90	**Avg Concentration:** 4.1600E+008 Bq/m3	**Low Limit Concent:**2.4000E+005 Bq/m3	**Upper Limit Concent:**5.1000E+009 Bq/m3
Plutonium-238	**Avg Concentration:** 4.5000E-001 nCi/g	**Low Limit Concent:**1.0000E-003 nCi/g	**Upper Limit Concent:**1.5000E+000 nCi/g

Oak Ridge - Low Level Waste - Non-Reg Chem/Lab Packs			**WASTE STREAM CODE:** 01590
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:**Non-Reg Chem/Lab Packs	**MPC NAME:**Inorganic Chemicals	**TOTAL CURIES:** 11.000
100.000			

Isotopes			
Titanium-44	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Zirconium-88	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tantalum-179	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-141	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Chromium-51	**Avg Concentration:** 7.3166E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-125	**Avg Concentration:** 2.2848E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Molybdenum-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Phosphorus-33	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-208	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Arsenic-73	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-225	**Avg Concentration:** 1.5994E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-212	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-212	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-250	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Yttrium-88	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-181	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-227	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tantalum-182	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-85	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Selenium-75	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-124	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Ruthenium-103	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-236	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-234m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Palladium-103	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Osmium-191	**Avg Concentration:** 9.1394E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-177m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-177	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Indium-114m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-182	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Germanium-68	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Dysprosium-166	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-143	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-231	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Nickel-63	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Potassium-40	**Avg Concentration:** 4.0442E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-152	**Avg Concentration:** 1.1125E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-244	**Avg Concentration:** 3.0471E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Chlorine-36	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-241	**Avg Concentration:** 1.6439E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Aluminum-26	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Tin-117m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Samarium-145	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-57	**Avg Concentration:** 2.2848E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Zinc-65	**Avg Concentration:** 5.6969E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-125	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-147	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-155	**Avg Concentration:** 3.8308E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-246	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-144	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-111	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-214	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-214	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thulium-171	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Zirconium-95	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-188	**Avg Concentration:** 2.9246E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-231	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Terbium-160	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-89	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-134	**Avg Concentration:** 2.6500E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-245	**Avg Concentration:** 2.2848E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Yttrium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-238	**Avg Concentration:** 5.5225E-003 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-236	**Avg Concentration:** 3.2091E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:** 1.0614E-003 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-233	**Avg Concentration:** 9.8956E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-232	**Avg Concentration:** 2.2848E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-230	**Avg Concentration:** 7.0924E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**

Thorium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:** 2.2848E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Samarium-151	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-242	**Avg Concentration:** 2.2848E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-240	**Avg Concentration:** 6.0864E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-239	**Avg Concentration:** 1.0121E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-210	**Avg Concentration:** 2.2848E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:** 2.2848E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Nickel-59	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-94	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lanthanum-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Xenon-131m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-185	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thallium-208	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-95m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Scandium-44	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radon-220	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhodium-101	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhenium-186	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Platinum-197	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Platinum-193	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-146	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Osmium-194	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-91m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Sodium-24	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iridium-192m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Holmium-166m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-175	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Gadolinium-153	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-136	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Calcium-45	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Arsenic-74	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-244	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tin-113	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Scandium-46	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Sulfur-35	**Avg Concentration:** 6.8545E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-223	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Polonium-210	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-233	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Phosphorus-32	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-95	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-137m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-235	**Avg Concentration:** 2.3469E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-232	**Avg Concentration:** 2.0457E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-229	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:** 1.6443E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-226	**Avg Concentration:** 3.8111E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:** 1.9715E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-126	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radon-219	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhenium-188	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-224	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Beryllium-7	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Platinum-195m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Polonium-218	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-145	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-173	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-181	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-56	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cadmium-109	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-187	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iron-55	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Krypton-85	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Ruthenium-106	**Avg Concentration:** 3.8485E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-252	**Avg Concentration:** 2.2848E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Sodium-22	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Manganese-54	**Avg Concentration:** 1.9541E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-110m	**Avg Concentration:** 1.2321E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-108m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-249	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-207	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-139	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-248	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-58	**Avg Concentration:** 1.4611E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-156	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iron-59	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Mercury-203	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-129	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Iodine-131	**Avg Concentration:** 4.5697E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Iridium-192	**Avg Concentration:** 9.1394E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-227	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-243	**Avg Concentration:** 1.2124E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-133	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Carbon-14	**Avg Concentration:** 1.4819E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-243	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-60	**Avg Concentration:** 4.4222E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:** 1.7238E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-154	**Avg Concentration:** 4.5406E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:** 2.4153E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Low Level Waste - ORNL NG PWTC filtercake & residues			**WASTE STREAM CODE:** 01597
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** ORNL NG PWTC filtercake & residues	**MPC NAME:** Inorganic Sludges	**TOTAL CURIES:**
100.000	ORNL NG PWTC filtercake and residues		
	Isotopes		
	Plutonium-239 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 6.2200E-001 Ci/m3
	Plutonium-242 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 6.4900E-001 Ci/m3
	Strontium-90 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 4.0500E+001 Ci/m3
	Thorium-229 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 1.1100E-001 Ci/m3
	Uranium-232 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 2.5100E-001 Ci/m3
	Uranium-235 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 3.2400E-001 Ci/m3
	Zirconium-93 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 3.7800E+002 Ci/m3
	Protactinium-231 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 3.7800E-002 Ci/m3

Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**3.2400E+000 Ci/m3
Plutonium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**1.4100E+001 Ci/m3
Samarium-151	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**3.2400E+004 Ci/m3
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**2.9700E+000 Ci/m3
Thorium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**2.1900E-002 Ci/m3
Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**1.0000E+000 Ci/m3
Carbon-14	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**6.2200E-003 Ci/m3
Americium-243	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**1.8900E-001 Ci/m3
Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**4.8600E-001 Ci/m3
Actinium-227	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**2.7000E+001 Ci/m3
Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**1.8900E-002 Ci/m3
Palladium-107	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**3.5100E+003 Ci/m3
Curium-242	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**6.4900E+002 Ci/m3
Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**1.5900E+000 Ci/m3
Uranium-236	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**3.2400E+000 Ci/m3
Nickel-63 (Activated	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**6.7600E+003 Ci/m3
Nickel-63	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**6.7600E+002 Ci/m3
Nickel-59	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**2.1900E+002 Ci/m3
Iodine-129	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**7.8400E-002 Ci/m3
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**1.5100E+004 Ci/m3
Europium-154	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**3.2400E+005 Ci/m3
Europium-152	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**1.3000E+003 Ci/m3
Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**9.1900E+000 Ci/m3
Cesium-135	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**7.5700E+001 Ci/m3
Curium-244	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**2.1900E+002 Ci/m3
Chlorine-36	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**2.9700E-001 Ci/m3
Uranium-233	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**8.3800E-001 Ci/m3
Thorium-230	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**8.3800E-002 Ci/m3

Tin-126	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 1.5900E-002 Ci/m3
Radium-226	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 3.5100E-002 Ci/m3
Plutonium-240	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 6.2200E-001 Ci/m3
Lead-210	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:** 3.5100E+002 Ci/m3

Oak Ridge - Low Level Waste - MVST supernate			**WASTE STREAM CODE:** 01605
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** MVST supernate	**MPC NAME:** Inorganic Sludges	**TOTAL CURIES:**
100.000	MVST supernate		
	Isotopes		
Curium-244	**Avg Concentration:** 6.3000E+002 Bq/ml	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:** 3.5000E+006 Bq/ml	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-134	**Avg Concentration:** 1.5000E+005 Bq/ml	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-238	**Avg Concentration:** 1.7000E+000 Bq/ml	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:** 2.1000E+003 Bq/ml	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:** 5.8000E+003 Bq/ml	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-239	**Avg Concentration:** 5.1000E+000 Bq/ml	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-60	**Avg Concentration:** 8.5000E+003 Bq/ml	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:** 6.8000E+001 Bq/ml	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-233	**Avg Concentration:** 1.3000E+001 Bq/ml	**Low Limit Concent:**	**Upper Limit Concent:**
Ruthenium-106	**Avg Concentration:** 1.3000E+005 Bq/ml	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-241	**Avg Concentration:** 1.9000E+002 Bq/ml	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-240	**Avg Concentration:** 1.3000E+000 Bq/ml	**Low Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Low Level Waste - Organic Liquids post-TSCAI			**WASTE STREAM CODE:** 02641
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** Organic Liquids post-TSCAI	**MPC NAME:** Organic Liquids	**TOTAL CURIES:** 486,561,969.000
100.000			

Isotopes			
Protactinium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Palladium-103	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-146	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Platinum-193	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhenium-186	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radon-220	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tantalum-179	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Xenon-131m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-110m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Manganese-54	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Zinc-65	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-125	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Ruthenium-106	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Krypton-85	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-155	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-246	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Osmium-191	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Scandium-46	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Ruthenium-103	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-223	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-234m	**Avg Concentration:** 3.1372E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**

Phosphorus-33	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Molybdenum-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lanthanum-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-125	**Avg Concentration:** 1.9663E+005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Indium-114m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-182	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Germanium-68	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Dysprosium-166	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Calcium-45	**Avg Concentration:** 5.7300E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Arsenic-74	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-244	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-225	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-212	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-224	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Platinum-195m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-137m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-235	**Avg Concentration:** 1.2795E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-233	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-229	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:** 3.7313E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-58	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-248	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-139	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-207	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Actinium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-108m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-57	**Avg Concentration:** 2.9474E+001 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Polonium-218	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Terbium-160	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tantalum-182	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-89	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Selenium-75	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-124	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Sulfur-35	**Avg Concentration:** 4.8371E+005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-236	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Polonium-210	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-233	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Sodium-24	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iridium-192m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Sodium-22	**Avg Concentration:** 5.5615E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Holmium-166m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-175	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Gadolinium-153	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-136	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-143	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-208	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-252	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-147	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iron-55	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-134	**Avg Concentration:** 5.0559E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-245	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Yttrium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Uranium-238	**Avg Concentration:** 7.9796E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-236	**Avg Concentration:** 9.7025E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:** 2.2255E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-230	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-228	**Avg Concentration:** 4.1974E-011 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:** 2.5495E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Samarium-151	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-226	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-210	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Nickel-63	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Nickel-59	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-94	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Potassium-40	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-129	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:** 1.1128E+005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-154	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-152	**Avg Concentration:** 3.0897E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:** 4.2819E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-60	**Avg Concentration:** 3.9684E+000 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-244	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-243	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Chlorine-36	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Carbon-14	**Avg Concentration:** 5.1333E+001 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-133	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-243	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Americium-241	**Avg Concentration:** 3.5391E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Aluminum-26	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-227	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-145	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Osmium-194	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-91m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Arsenic-73	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-111	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-214	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-214	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thulium-171	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Zirconium-95	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-188	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Phosphorus-32	**Avg Concentration:** 3.2429E+006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-95	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-173	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iridium-192	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-131	**Avg Concentration:** 1.4053E+006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Mercury-203	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iron-59	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-156	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Zirconium-88	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-187	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thallium-208	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Titanium-44	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tin-117m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-126	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Radon-219	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhenium-188	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-242	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-240	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-231	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-177m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-144	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-177	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-212	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-250	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Yttrium-88	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-181	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-231	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-227	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-85	**Avg Concentration:** 8.4211E+001 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Tin-113	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-181	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Chromium-51	**Avg Concentration:** 1.0474E+006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-56	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-141	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cadmium-109	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Beryllium-7	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-249	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Samarium-145	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-185	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-95m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Scandium-44	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhodium-101	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Platinum-197	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Low Level Waste - Packaged RH LLW - 2			**WASTE STREAM CODE:** 04315
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** Packaged RH LLW - 2	**MPC NAME:** Special Waste	**TOTAL CURIES:**
100.000			
	Isotopes		

Oak Ridge - Low Level Waste - Non-Reg Chem/Lab Packs - 2			**WASTE STREAM CODE:** 04352
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** Non-Reg Chem/Lab Packs - 2	**MPC NAME:** Solids	**TOTAL CURIES:**
100.000	Non-Reg Chem/Lab Packs - 2		
	Isotopes		
	Tungsten-187	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Zirconium-88	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Titanium-44	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Curium-248	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Hafnium-181	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Lanthanum-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Neptunium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Protactinium-234m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Ruthenium-103	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-250	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Yttrium-88	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-181	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-227	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tantalum-182	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-85	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Selenium-75	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-124	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Platinum-195m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Polonium-218	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-145	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Palladium-103	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Osmium-191	**Avg Concentration:** 9.1394E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-177m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-177	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Indium-114m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-182	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:** 1.0614E-003 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-232	**Avg Concentration:** 2.0457E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-229	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:** 1.6443E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-242	**Avg Concentration:** 2.2848E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:** 1.9715E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:** 2.2848E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Potassium-40	**Avg Concentration:** 4.0442E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**

Zirconium-95	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-188	**Avg Concentration:** 2.9246E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-231	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Terbium-160	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-89	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tin-113	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Beryllium-7	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-249	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Samarium-145	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-146	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Osmium-194	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-91m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Sodium-24	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iridium-192m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Holmium-166m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-175	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Gadolinium-153	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-230	**Avg Concentration:** 7.0924E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:** 2.2848E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Samarium-151	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-226	**Avg Concentration:** 3.8111E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Xenon-131m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-185	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Scandium-46	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Silver-108m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-110m	**Avg Concentration:** 1.2321E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Manganese-54	**Avg Concentration:** 1.9541E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Zinc-65	**Avg Concentration:** 5.6969E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-252	**Avg Concentration:** 2.2848E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-125	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Krypton-85	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-155	**Avg Concentration:** 3.8308E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-239	**Avg Concentration:** 1.0121E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-210	**Avg Concentration:** 2.2848E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-231	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Nickel-63	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Nickel-59	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-94	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-129	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:** 2.4153E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-152	**Avg Concentration:** 1.1125E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:** 1.7238E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-60	**Avg Concentration:** 4.4222E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-244	**Avg Concentration:** 3.0471E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-243	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Chlorine-36	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Carbon-14	**Avg Concentration:** 1.4819E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-133	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-243	**Avg Concentration:** 1.2124E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-241	**Avg Concentration:** 1.6439E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Aluminum-26	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-227	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Sulfur-35	**Avg Concentration:** 6.8545E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-223	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Polonium-210	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-233	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Phosphorus-32	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-95	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-173	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iridium-192	**Avg Concentration:** 9.1394E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-131	**Avg Concentration:** 4.5697E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-240	**Avg Concentration:** 6.0864E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Mercury-203	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iron-59	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-156	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-58	**Avg Concentration:** 1.4611E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-56	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-141	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cadmium-109	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-134	**Avg Concentration:** 2.6500E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-246	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-144	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-238	**Avg Concentration:** 5.5225E-003 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-236	**Avg Concentration:** 3.2091E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-235	**Avg Concentration:** 2.3469E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-233	**Avg Concentration:** 9.8956E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-232	**Avg Concentration:** 2.2848E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thallium-208	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-95m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Scandium-44	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radon-220	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhodium-101	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhenium-186	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Platinum-197	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Platinum-193	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-136	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Calcium-45	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Arsenic-74	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-244	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-111	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-214	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-214	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thulium-171	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-57	**Avg Concentration:** 2.2848E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Sodium-22	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Ruthenium-106	**Avg Concentration:** 3.8485E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-147	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iron-55	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-245	**Avg Concentration:** 2.2848E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Yttrium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-137m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-154	**Avg Concentration:** 4.5406E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Tantalum-179	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tin-117m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-126	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radon-219	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-207	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Rhenium-188	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-224	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Germanium-68	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Dysprosium-166	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-143	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-208	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Arsenic-73	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-225	**Avg Concentration:** 1.5994E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-212	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-212	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-236	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Phosphorus-33	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Molybdenum-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-125	**Avg Concentration:** 2.2848E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Chromium-51	**Avg Concentration:** 7.3166E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-139	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Low Level Waste - Overpacked CH LLW (alpha)			**WASTE STREAM CODE:** 04366
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** Overpacked CH LLW (alpha)	**MPC NAME:** Solids	**TOTAL CURIES:**
100.000			
	Isotopes		

Oak Ridge - Low Level Waste - Non-Reg Chem/Lab Packs - 3			WASTE STREAM CODE: 04479
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** Non-Reg Chem/Lab Packs - 3	**MPC NAME:** Solids	**TOTAL CURIES:**

Oak Ridge - Low Level Waste - Non-Reg Chem/Lab Packs - 4			WASTE STREAM CODE: 04480
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** Non-Reg Chem/Lab Packs - 4	**MPC NAME:** Solids	**TOTAL CURIES:**

Oak Ridge - Low Level Waste - Newly Generated LLW Liquids to On-Site WWTF			WASTE STREAM CODE: 04482
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** Newly Generated LLW Liquids to On-Site WWTF	**MPC NAME:** Wastewaters	**TOTAL CURIES:**
100.000	New Gen LLW Liq to OnSite WWTF		
	Isotopes		
	Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Low Level Waste - Newly Generated LLW Solids to GTS Duratek			WASTE STREAM CODE: 04483
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** Newly Generated LLW Solids to GTS Duratek	**MPC NAME:** Solids	**TOTAL CURIES:**

100.000	New Gen LLW Solids to GTS Dura			
	Isotopes			
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Low Level Waste - Newly Generated LLW Solids to NTS			**WASTE STREAM CODE:** 04485
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** Newly Generated LLW Solids to NTS	**MPC NAME:** Solids	**TOTAL CURIES:**

100.000	New Gen LLW Solids to NTS			
	Isotopes			
	Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Plutonium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Low Level Waste - Newly Generated LLW Solids to Envirocare			WASTE STREAM CODE: 04486
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** Newly Generated LLW Solids to Envirocare	**MPC NAME:** Solids	**TOTAL CURIES:**
100.000	New Gen LLW Solids to Enviroca		
	Isotopes		
	Cesium-137 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Plutonium-239 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-234 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-238 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-235 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cobalt-60 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Low Level Waste - ORNL LLLW Residuals - 1			WASTE STREAM CODE: 04500
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** ORNL LLLW Residuals - 1	**MPC NAME:** Solids	**TOTAL CURIES:**
100.000			
	Isotopes		

Oak Ridge - Low Level Waste - ORNL LLLW Residuals - 2			WASTE STREAM CODE: 04501
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** ORNL LLLW Residuals - 2	**MPC NAME:** Wastewaters	**TOTAL CURIES:**

100.000	
	Isotopes

Oak Ridge - Low Level Waste - ORNL PWTC Residuals - 1			**WASTE STREAM CODE:** 04503
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** ORNL PWTC Residuals - 1	**MPC NAME:** Liquids	**TOTAL CURIES:**
100.000			
	Isotopes		

Oak Ridge - Low Level Waste - ORNL PWTC Residual - 2			**WASTE STREAM CODE:** 04504
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** ORNL PWTC Residual - 2	**MPC NAME:** Solids	**TOTAL CURIES:**
100.000			
	Isotopes		

Oak Ridge - Low Level Waste - LLW/Ground/Surface Water/Other Aqueous			**WASTE STREAM CODE:** 05028
Approved Volume : 439.108	**Future Volume Avg:** 18,397.083	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** LLW/Ground/Surface Water/Other Aqueous	**MPC NAME:** Ground/Surface Waters	**TOTAL CURIES:**
45.410	184		
	Isotopes		
	Thorium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.160 229

Isotopes

Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.068 243

Isotopes

Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.843 311

Isotopes

Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Thorium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.024 333

Isotopes

Thorium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

1.968 5728

Isotopes

Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

1.023 5735

Isotopes

Thorium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

43.723	5824			
	Isotopes			
	Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Thorium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

6.781	No Contaminants Provided
	Isotopes

Oak Ridge - Low Level Waste - LLW/Ground/Surface Water/Other Aqueous			**WASTE STREAM CODE:** 05029
Approved Volume : 22,360.816	**Future Volume Avg:** 1,674,938.342	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** LLW/Ground/Surface Water/Other Aqueous	**MPC NAME:** Ground/Surface Waters	**TOTAL CURIES:**

0.002	1011			
	Isotopes			
	Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.003 1019

Isotopes			
Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.032 1020

Isotopes			
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.020	1021			
	Isotopes			
	Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.002	1024			
	Isotopes			
	Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.002	1453			
	Isotopes			
	Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.000	1480			
	Isotopes			
	Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.004	1481
	Isotopes

Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.023 1482

Isotopes

Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.000 723

Isotopes

Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.241 732

Isotopes

Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.241 734

Isotopes

Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.000 742

Isotopes

Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.000 743

Isotopes

Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

98.090 767

Isotopes

Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.216 770

Isotopes

Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.000	803			
	Isotopes			
	Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.006	813			
	Isotopes			
	Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.002	815			
	Isotopes			
	Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.073	865			
	Isotopes			
	Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.002	868
	Isotopes

Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.000 871

Isotopes

Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.002 879

Isotopes

Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.007 888

Isotopes

Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.005 904

Isotopes

Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.001 906

Isotopes

Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.014 972

Isotopes

Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.006 977

Isotopes

Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.006 980

Isotopes

Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.002	FY 2000 Actuals			
	Isotopes			
	Plutonium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants			
	Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Aluminum	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
0.998	No Contaminants Provided			
	Isotopes			

Oak Ridge - Low Level Waste - LLW/Ground/Surface Water/Other Aqueous			**WASTE STREAM CODE:** 05030
Approved Volume : 0.000	**Future Volume Avg:** 2.271	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** LLW/Ground/Surface Water/Other Aqueous	**MPC NAME:** Ground/Surface Waters	**TOTAL CURIES:**

40.000	570			
	Isotopes			
	Contaminants			
	Carbon tetrachloride	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
60.000	571			
	Isotopes			

Contaminants			
Carbon tetrachloride	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Low Level Waste - LLW/Metal to Recycle			**WASTE STREAM CODE:** 05031
Approved Volume : 0.000	**Future Volume Avg:** 14,159.558	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** LLW/Metal to Recycle	**MPC NAME:** Metal Debris	**TOTAL CURIES:**
100.000	5731		

Isotopes			
Thorium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Low Level Waste - LLW/Soil/Sludge/Sediment			**WASTE STREAM CODE:** 05034
Approved Volume : 63,154.561	**Future Volume Avg:** 270,780.331	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** LLW/Soil/Sludge/Sediment	**MPC NAME:** Soil/Debris	**TOTAL CURIES:**
20.000	Boneyard/Burnyard		

Isotopes			
Americium-241	**Avg Concentration:** 1.9000E-001 pCi/g	**Low Limit Concent:** 5.9000E-002 pCi/g	**Upper Limit Concent:** 6.0000E-001 pCi/g
Uranium-233	**Avg Concentration:** 3.0471E+002 pCi/g	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium (Natural)	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-239/240	**Avg Concentration:** 1.1000E-001 pCi/g	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:** 3.5600E-001 pCi/g	**Low Limit Concent:** 4.6000E-002 pCi/g	**Upper Limit Concent:** 1.7000E+000 pCi/g
Technetium-99	**Avg Concentration:** 3.8300E+001 pCi/g	**Low Limit Concent:** 1.3000E+000 pCi/g	**Upper Limit Concent:** 2.2000E+002 pCi/g
Uranium-235	**Avg Concentration:** 1.9200E+001 pCi/g	**Low Limit Concent:**	**Upper Limit Concent:**

Uranium-238	**Avg Concentration:** 7.2598E+002 pCi/g	**Low Limit Concent:**	**Upper Limit Concent:**

80.000	No contaminants available

Isotopes

Oak Ridge - Low Level Waste - LLW/Soil/Sludge/Sediment			**WASTE STREAM CODE:** 05037
Approved Volume : 30.271	**Future Volume Avg:** 113.777	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** LLW/Soil/Sludge/Sediment	**MPC NAME:** Soil/Debris	**TOTAL CURIES:**

Oak Ridge - Low Level Waste - LLW/Soil/Sludge/Sediment			**WASTE STREAM CODE:** 05038
Approved Volume : 741.902	**Future Volume Avg:** 57.840	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** LLW/Soil/Sludge/Sediment	**MPC NAME:** Soil/Debris	**TOTAL CURIES:**
0.194	219		

Isotopes

Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-Total	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Europium-155	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-230	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

2.443 327

Isotopes

Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-230	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-155	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-Total	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

0.713 430

Isotopes

Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-155	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Strontium-Total	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-230	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

92.767 722

Isotopes

Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-230	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-Total	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-155	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

3.883 No Contaminants Provided

Isotopes

Oak Ridge - Low Level Waste - LLW/Debris/Other Solids-TR			WASTE STREAM CODE: 07011
Approved Volume : 521.568	**Future Volume Avg:** 367,790.093	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** LLW/Debris/Other Solids-TR	**MPC NAME:** Debris Waste	**TOTAL CURIES:**
100.000			
	Isotopes		

Oak Ridge - Low Level Waste - LLW/Soil/Sludge/Sediment			WASTE STREAM CODE: 07012
Approved Volume : 248.480	**Future Volume Avg:** 371,074.451	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** LLW/Soil/Sludge/Sediment	**MPC NAME:** Soil/Debris	**TOTAL CURIES:**
100.000			
	Isotopes		

Oak Ridge - Low Level Waste - LLW/Soil/Sludge/Sediment-TR			WASTE STREAM CODE: 07013
Approved Volume : 248.480	**Future Volume Avg:** 371,074.451	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** LLW/Soil/Sludge/Sediment-TR	**MPC NAME:** Soil/Debris	**TOTAL CURIES:**
100.000			
	Isotopes		

Oak Ridge - Low Level Waste - LLW/Soil/Sludge/Sediment			WASTE STREAM CODE: 07075
Approved Volume : 5,581.393	**Future Volume Avg:** 0.000	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** LLW/Soil/Sludge/Sediment	**MPC NAME:** Soil/Debris	**TOTAL CURIES:**
100.000	721		
	Isotopes		
	Americium-241 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cesium-137 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Plutonium-238 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cobalt-60 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Low Level Waste - LLW/Soil/Sludge/Sediment			WASTE STREAM CODE: 07079
Approved Volume : 1,569.858	**Future Volume Avg:** 0.000	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** LLW/Soil/Sludge/Sediment	**MPC NAME:** Soil/Debris	**TOTAL CURIES:**
93.145	749		
	Isotopes		
	Cesium-137 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-235 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

6.855	No Contaminants Provided
	Isotopes

Oak Ridge - Low Level Waste - LLW/Soil/Sludge/Sediment			WASTE STREAM CODE: 07080
Approved Volume : 0.000	**Future Volume Avg:** 229.367	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** LLW/Soil/Sludge/Sediment	**MPC NAME:** Soil/Debris	**TOTAL CURIES:**
100.000	187		
	Isotopes		
	Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Low Level Waste - LLW/Solvents/Oils			WASTE STREAM CODE: 07083
Approved Volume : 0.000	**Future Volume Avg:** 28.141	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** LLW/Solvents/Oils	**MPC NAME:** Organic Liquids	**TOTAL CURIES:**
18.620	920		
	Isotopes		
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

81.380	No Contaminants Provided
	Isotopes

Oak Ridge - Low Level Waste - LLW/Special Case Waste			WASTE STREAM CODE: 07084
Approved Volume : 0.000	**Future Volume Avg:** 18.519	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** LLW/Special Case Waste	**MPC NAME:** Special Waste	**TOTAL CURIES:**

STATE: Tennessee	**PROGRAM:** EM	**WASTE TYPE:** Mixed Low Level Waste
SITE: Oak Ridge	**OPERATIONS OFFICE:** Oak Ridge Operations Office	

Oak Ridge - Mixed Low Level Waste - ORR Incinerable Liquids			WASTE STREAM CODE: 01620
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** ORR Incinerable Liquids	**MPC NAME:** Liquids	**TOTAL CURIES:** 15.000
50.000	ORR Incinerable Liquids		

Isotopes			
Gadolinium-153	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-175	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Holmium-166m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Dysprosium-166	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-230	**Avg Concentration:** 1.3226E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-236	**Avg Concentration:** 3.0387E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-246	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-147	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-252	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-156	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-58	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-248	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Cerium-139	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-207	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-249	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-110m	**Avg Concentration:** 1.4122E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Manganese-54	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Sulfur-35	**Avg Concentration:** 5.0094E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-223	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-234m	**Avg Concentration:** 5.1718E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Phosphorus-33	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Molybdenum-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-173	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-125	**Avg Concentration:** 5.0094E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-181	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Indium-114m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-182	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Germanium-68	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-136	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Calcium-45	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Arsenic-74	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:** 4.6710E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:** 4.3395E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Potassium-40	**Avg Concentration:** 1.2790E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-154	**Avg Concentration:** 9.9816E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-60	**Avg Concentration:** 1.0026E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Carbon-14	**Avg Concentration:** 4.1537E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-241	**Avg Concentration:** 1.6839E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**

Actinium-227	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-143	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-208	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Arsenic-73	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-225	**Avg Concentration:** 2.2321E-013 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-212	**Avg Concentration:** 8.3684E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Zirconium-95	**Avg Concentration:** 1.8838E-011 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-234	**Avg Concentration:** 5.8166E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-227	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-89	**Avg Concentration:** 2.1987E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Selenium-75	**Avg Concentration:** 2.4693E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Palladium-103	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Osmium-194	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Osmium-191	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-91m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Sodium-24	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-177m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-177	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iridium-192m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-95m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tantalum-179	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tin-117m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Scandium-44	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-126	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radon-220	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radon-219	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Rhodium-101	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhenium-188	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-85	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tin-113	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Scandium-46	**Avg Concentration:** 2.7065E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-124	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Ruthenium-103	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-236	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Polonium-210	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-233	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Phosphorus-32	**Avg Concentration:** 2.8383E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-95	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lanthanum-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iridium-192	**Avg Concentration:** 9.7705E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-131	**Avg Concentration:** 2.7882E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Mercury-203	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iron-59	**Avg Concentration:** 9.0670E-011 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Chromium-51	**Avg Concentration:** 1.0484E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-56	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-141	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cadmium-109	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Beryllium-7	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Samarium-145	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-108m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-57	**Avg Concentration:** 7.2425E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Sodium-22	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Zinc-65	**Avg Concentration:** 1.6485E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**

Ruthenium-106	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Krypton-85	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iron-55	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-134	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-244	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Zirconium-88	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Xenon-131m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-187	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-185	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thallium-208	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Titanium-44	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhenium-186	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-224	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Platinum-197	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Platinum-195m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Platinum-193	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Polonium-218	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-146	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-145	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-125	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-155	**Avg Concentration:** 2.6153E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-144	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-233	**Avg Concentration:** 1.6979E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:** 9.7153E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Samarium-151	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-226	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tantalum-182	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Terbium-160	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-231	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-181	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-188	**Avg Concentration:** 5.4190E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Yttrium-88	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-250	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thulium-171	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-214	**Avg Concentration:** 1.7699E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-212	**Avg Concentration:** 4.3182E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-214	**Avg Concentration:** 2.6690E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-111	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-245	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Aluminum-26	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-243	**Avg Concentration:** 7.9846E-012 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-133	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Chlorine-36	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-243	**Avg Concentration:** 2.0583E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-244	**Avg Concentration:** 2.1546E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:** 9.0387E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-152	**Avg Concentration:** 8.6662E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:** 1.1158E-002 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-129	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-94	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Nickel-59	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Nickel-63	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-231	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-210	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-239	**Avg Concentration:** 8.0412E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**

Plutonium-240	**Avg Concentration:** 8.9678E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-242	**Avg Concentration:** 3.9815E-012 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:** 5.4601E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-228	**Avg Concentration:** 5.6021E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-229	**Avg Concentration:** 1.1004E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-232	**Avg Concentration:** 6.7298E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-232	**Avg Concentration:** 6.4813E-013 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:** 1.9774E-003 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-235	**Avg Concentration:** 1.3121E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-238	**Avg Concentration:** 1.3665E-003 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-137m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Yttrium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

	Contaminants			
	Cyanides (soluble sa	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Hydrogen cyanide	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Ignitable	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Organic Contaminants	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Corrosive	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Fluorine	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Hydrogen sulfide	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Nickel	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Silver	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
50.000	ORR Incinerable Liquids/PCB			
	Isotopes			
	Dysprosium-166	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Lutetium-177	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Osmium-191	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Palladium-103	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Platinum-193	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Sodium-24	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Iridium-192m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Holmium-166m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Calcium-45	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Arsenic-74	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-225	**Avg Concentration:** 2.2321E-013 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-212	**Avg Concentration:** 8.3684E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Zirconium-95	**Avg Concentration:** 1.8838E-011 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Yttrium-88	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Manganese-54	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Sodium-22	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-175	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Zirconium-88	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-187	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-95m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tin-117m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-126	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-208	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Arsenic-73	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-244	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-111	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-214	**Avg Concentration:** 2.6690E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-212	**Avg Concentration:** 4.3182E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-214	**Avg Concentration:** 1.7699E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thulium-171	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-250	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-188	**Avg Concentration:** 5.4190E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-234	**Avg Concentration:** 5.8166E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-227	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Terbium-160	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Tantalum-182	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-85	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tin-113	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Scandium-46	**Avg Concentration:** 2.7065E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-124	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Ruthenium-103	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-236	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Polonium-210	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-233	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Phosphorus-32	**Avg Concentration:** 2.8383E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-95	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lanthanum-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iridium-192	**Avg Concentration:** 9.7705E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-125	**Avg Concentration:** 5.0094E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Mercury-203	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iron-59	**Avg Concentration:** 9.0670E-011 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-156	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-58	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-248	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-139	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-207	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-249	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-108m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-110m	**Avg Concentration:** 1.4122E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Radon-219	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhenium-188	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-224	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Platinum-195m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Polonium-218	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-145	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Osmium-194	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-91m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-181	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-231	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-89	**Avg Concentration:** 2.1987E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Selenium-75	**Avg Concentration:** 2.4693E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Sulfur-35	**Avg Concentration:** 5.0094E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-223	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-234m	**Avg Concentration:** 5.1718E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-246	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-144	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-137m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-235	**Avg Concentration:** 1.3121E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-232	**Avg Concentration:** 6.4813E-013 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-228	**Avg Concentration:** 5.6021E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-136	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Xenon-131m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-185	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cadmium-109	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Beryllium-7	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Samarium-145	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-57	**Avg Concentration:** 7.2425E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Zinc-65	**Avg Concentration:** 1.6485E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-125	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Promethium-147	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-155	**Avg Concentration:** 2.6153E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Phosphorus-33	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Molybdenum-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-173	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-131	**Avg Concentration:** 2.7882E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-181	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Chromium-51	**Avg Concentration:** 1.0484E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-56	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-141	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thallium-208	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Titanium-44	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tantalum-179	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Scandium-44	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radon-220	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhodium-101	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhenium-186	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Platinum-197	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-146	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-177m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Indium-114m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Germanium-68	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-182	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-143	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Gadolinium-153	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-252	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Curium-243	**Avg Concentration:** 2.0583E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-244	**Avg Concentration:** 2.1546E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-60	**Avg Concentration:** 1.0026E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:** 9.0387E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-152	**Avg Concentration:** 8.6662E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-154	**Avg Concentration:** 9.9816E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:** 1.1158E-002 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-129	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Potassium-40	**Avg Concentration:** 1.2790E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-94	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Nickel-59	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Nickel-63	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:** 4.3395E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-231	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-210	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:** 4.6710E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-239	**Avg Concentration:** 8.0412E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-240	**Avg Concentration:** 8.9678E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-242	**Avg Concentration:** 3.9815E-012 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-226	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Samarium-151	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:** 9.7153E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:** 5.4601E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-229	**Avg Concentration:** 1.1004E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-230	**Avg Concentration:** 1.3226E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-232	**Avg Concentration:** 6.7298E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**

Uranium-233	**Avg Concentration:** 1.6979E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:** 1.9774E-003 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-236	**Avg Concentration:** 3.0387E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-238	**Avg Concentration:** 1.3665E-003 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Yttrium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-245	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-134	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iron-55	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Krypton-85	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Ruthenium-106	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Chlorine-36	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-227	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Aluminum-26	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-241	**Avg Concentration:** 1.6839E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-243	**Avg Concentration:** 7.9846E-012 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-133	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Carbon-14	**Avg Concentration:** 4.1537E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**

Contaminants			
Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Cyanides (soluble sa	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Hydrogen cyanide	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Hydrogen sulfide	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Nickel	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Organic Contaminants	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
PCB Liquids	**Avg Concentration:**	**Lower Limit Concent:** 5.0000E+001 ppm	**Upper Limit Concent:** 4.9900E+002 ppm
Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Corrosive	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Fluorine	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Ignitable	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Silver	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Mixed Low Level Waste - ORR Incinerable Solids			**WASTE STREAM CODE:** 01621
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** ORR Incinerable Solids	**MPC NAME:** Solids	**TOTAL CURIES:** 21,666.000
50.000	ORR Incinerable Solids		

Isotopes			
Silver-110m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Samarium-145	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Californium-249	**Avg Concentration:** 1.0561E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-207	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-145	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Platinum-195m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhenium-188	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-126	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-95m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-154	**Avg Concentration:** 1.7428E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-60	**Avg Concentration:** 5.5252E-002 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Carbon-14	**Avg Concentration:** 2.4650E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-241	**Avg Concentration:** 7.5761E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-227	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Sodium-22	**Avg Concentration:** 1.4408E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Zirconium-88	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-187	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thallium-208	**Avg Concentration:** 6.7204E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Sodium-24	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-177m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-177	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Ruthenium-106	**Avg Concentration:** 1.5388E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-147	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-134	**Avg Concentration:** 1.7820E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-245	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Yttrium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-236	**Avg Concentration:** 1.5923E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Radon-220	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhodium-101	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhenium-186	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Platinum-197	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Platinum-193	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-146	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-234	**Avg Concentration:** 4.1224E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Osmium-191	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-91m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-233	**Avg Concentration:** 2.0513E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-229	**Avg Concentration:** 6.1952E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:** 5.9995E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-241	**Avg Concentration:** 6.2006E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:** 8.2480E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:** 1.4147E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Potassium-40	**Avg Concentration:** 1.9651E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-236	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Polonium-210	**Avg Concentration:** 4.4533E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Iridium-192m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Xenon-131m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-185	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Titanium-44	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tantalum-179	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Scandium-44	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Yttrium-88	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-188	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-181	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-234	**Avg Concentration:** 3.2342E+001 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-231	**Avg Concentration:** 5.3266E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**

Thorium-227	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Terbium-160	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tantalum-182	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-89	**Avg Concentration:** 3.8389E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Dysprosium-166	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-136	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-143	**Avg Concentration:** 9.2438E-012 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Calcium-45	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-208	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Arsenic-74	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Arsenic-73	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-244	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-111	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-95	**Avg Concentration:** 1.6017E-011 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Molybdenum-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-173	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lanthanum-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iridium-192	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-131	**Avg Concentration:** 1.4178E-011 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-125	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Mercury-203	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-181	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iron-59	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-156	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Chromium-51	**Avg Concentration:** 3.2681E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-58	**Avg Concentration:** 2.4576E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-56	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-248	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Cerium-141	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cadmium-109	**Avg Concentration:** 8.2612E-011 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Beryllium-7	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-228	**Avg Concentration:** 1.0419E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-108m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-57	**Avg Concentration:** 2.9527E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Manganese-54	**Avg Concentration:** 1.7214E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Zinc-65	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-252	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-125	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Krypton-85	**Avg Concentration:** 7.0240E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Iron-55	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-155	**Avg Concentration:** 3.2497E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-246	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-144	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-137m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-238	**Avg Concentration:** 1.5513E-003 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-235	**Avg Concentration:** 2.0681E+001 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:** 8.6249E-003 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-232	**Avg Concentration:** 5.2690E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-234m	**Avg Concentration:** 3.5832E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Indium-114m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Holmium-166m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-182	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-175	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Germanium-68	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Gadolinium-153	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Actinium-225	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-214	**Avg Concentration:** 1.4103E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-212	**Avg Concentration:** 2.2639E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-214	**Avg Concentration:** 1.4645E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-212	**Avg Concentration:** 7.6395E-011 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thulium-171	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-250	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Zirconium-95	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-85	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tin-113	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Selenium-75	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Scandium-46	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-124	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Sulfur-35	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Ruthenium-103	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-223	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tin-117m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radon-219	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-224	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Polonium-218	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Palladium-103	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Osmium-194	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-139	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-239	**Avg Concentration:** 8.3533E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Phosphorus-32	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Phosphorus-33	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-233	**Avg Concentration:** 6.1428E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-232	**Avg Concentration:** 1.3916E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**

Aluminum-26	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-243	**Avg Concentration:** 8.3533E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-133	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Chlorine-36	**Avg Concentration:** 1.6408E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-243	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-244	**Avg Concentration:** 1.0454E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:** 7.1629E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-152	**Avg Concentration:** 4.5176E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:** 7.4716E-003 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-129	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-94	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Nickel-59	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Nickel-63	**Avg Concentration:** 6.8467E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-231	**Avg Concentration:** 1.0936E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-210	**Avg Concentration:** 1.3205E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-239	**Avg Concentration:** 1.8019E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-240	**Avg Concentration:** 1.2206E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-242	**Avg Concentration:** 1.0265E-011 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-226	**Avg Concentration:** 4.4533E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Samarium-151	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:** 6.5574E-003 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-228	**Avg Concentration:** 5.8814E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-230	**Avg Concentration:** 5.1880E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**

	Contaminants			
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Nickel	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Organic Contaminants	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
50.000	ORR Incinerable Solids/PCB			
	Isotopes			
	Antimony-126	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Tin-117m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Technetium-95m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Thallium-208	**Avg Concentration:** 6.7204E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
	Tungsten-187	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Zirconium-88	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Radon-219	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Samarium-145	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Californium-249	**Avg Concentration:** 1.0561E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
	Bismuth-207	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cerium-139	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Curium-248	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cobalt-58	**Avg Concentration:** 2.4576E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
	Iron-59	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Mercury-203	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Iodine-131	**Avg Concentration:** 1.4178E-011 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-173	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-95	**Avg Concentration:** 1.6017E-011 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Phosphorus-33	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-233	**Avg Concentration:** 6.1428E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-236	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Ruthenium-103	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Scandium-46	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tin-113	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-85	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tantalum-182	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-227	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-234	**Avg Concentration:** 3.2342E+001 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Yttrium-88	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-250	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-212	**Avg Concentration:** 7.6395E-011 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-225	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-244	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Arsenic-74	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Calcium-45	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-136	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Gadolinium-153	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-175	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Holmium-166m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Indium-114m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-177	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Sodium-24	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Osmium-191	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Protactinium-234	**Avg Concentration:** 4.1224E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-146	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Platinum-193	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Platinum-195m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Manganese-54	**Avg Concentration:** 1.7214E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-224	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhenium-188	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Aluminum-26	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-241	**Avg Concentration:** 7.5761E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Chlorine-36	**Avg Concentration:** 1.6408E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-60	**Avg Concentration:** 5.5252E-002 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:** 7.4716E-003 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-94	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Nickel-63	**Avg Concentration:** 6.8467E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-210	**Avg Concentration:** 1.3205E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-240	**Avg Concentration:** 1.2206E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-226	**Avg Concentration:** 4.4533E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:** 5.9995E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-229	**Avg Concentration:** 6.1952E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-232	**Avg Concentration:** 5.2690E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-236	**Avg Concentration:** 1.5923E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Yttrium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-245	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-134	**Avg Concentration:** 1.7820E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Krypton-85	**Avg Concentration:** 7.0240E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-125	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-252	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-181	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Tungsten-188	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Zirconium-95	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thulium-171	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-214	**Avg Concentration:** 1.4645E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-212	**Avg Concentration:** 2.2639E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-214	**Avg Concentration:** 1.4103E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-111	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Arsenic-73	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-208	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-143	**Avg Concentration:** 9.2438E-012 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Dysprosium-166	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Germanium-68	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-182	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iridium-192m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-177m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-91m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Osmium-194	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Palladium-103	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-145	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Polonium-218	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Platinum-197	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhenium-186	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhodium-101	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radon-220	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Scandium-44	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tantalum-179	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Titanium-44	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Tungsten-185	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Xenon-131m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-231	**Avg Concentration:** 5.3266E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-232	**Avg Concentration:** 1.3916E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-233	**Avg Concentration:** 2.0513E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:** 8.6249E-003 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-235	**Avg Concentration:** 2.0681E+001 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-238	**Avg Concentration:** 1.5513E-003 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-137m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-144	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-246	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-155	**Avg Concentration:** 3.2497E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Iron-55	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-147	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Ruthenium-106	**Avg Concentration:** 1.5388E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Zinc-65	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Sodium-22	**Avg Concentration:** 1.4408E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-57	**Avg Concentration:** 2.9527E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-110m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-108m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-228	**Avg Concentration:** 1.0419E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Beryllium-7	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cadmium-109	**Avg Concentration:** 8.2612E-011 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-141	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-56	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Chromium-51	**Avg Concentration:** 3.2681E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-156	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Hafnium-181	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-125	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iridium-192	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lanthanum-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Molybdenum-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-239	**Avg Concentration:** 8.3533E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Phosphorus-32	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-234m	**Avg Concentration:** 3.5832E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Polonium-210	**Avg Concentration:** 4.4533E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-223	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Sulfur-35	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-124	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Selenium-75	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-89	**Avg Concentration:** 3.8389E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Terbium-160	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-230	**Avg Concentration:** 5.1880E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-227	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-243	**Avg Concentration:** 8.3533E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-133	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Carbon-14	**Avg Concentration:** 2.4650E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-243	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-244	**Avg Concentration:** 1.0454E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:** 7.1629E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-152	**Avg Concentration:** 4.5176E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-154	**Avg Concentration:** 1.7428E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-129	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Potassium-40	**Avg Concentration:** 1.9651E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Nickel-59	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Neptunium-237	**Avg Concentration:** 1.4147E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-231	**Avg Concentration:** 1.0936E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:** 8.2480E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-239	**Avg Concentration:** 1.8019E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-241	**Avg Concentration:** 6.2006E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-242	**Avg Concentration:** 1.0265E-011 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Samarium-151	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:** 6.5574E-003 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-228	**Avg Concentration:** 5.8814E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Contaminants			
Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Nickel	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Organic Contaminants	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
PCB Bulk Product Was	**Avg Concentration:**	**Lower Limit Concent:** 5.0000E+001 ppm	**Upper Limit Concent:** 4.9900E+002 ppm
Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Mixed Low Level Waste - PWMP_STAB-MLLW-Sludge			**WASTE STREAM CODE:** 03557
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** PWMP_STAB-MLLW-Sludge	**MPC NAME:** Solids	**TOTAL CURIES:**
100.000	PWMP_STAB_MLLW-Sludge		
	Isotopes		

Cesium-137	**Avg Concentration:** 7.3700E+000 pCi/g	**Low Limit Concent:**0.0000E+000 pCi/g	**Upper Limit Concent:**2.3200E+002 pCi/g
Technetium-99	**Avg Concentration:** 8.6000E+002 pCi/g	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:** 1.0700E+002 pCi/g	**Low Limit Concent:**0.0000E+000 pCi/g	**Upper Limit Concent:**2.4700E+002 pCi/g
Plutonium-239/240	**Avg Concentration:** 4.2100E+000 pCi/g	**Low Limit Concent:**0.0000E+000 pCi/g	**Upper Limit Concent:**2.0000E+001 pCi/g
Uranium-235	**Avg Concentration:** 2.9100E+001 pCi/g	**Low Limit Concent:**0.0000E+000 pCi/g	**Upper Limit Concent:**8.4300E+002 pCi/g
Neptunium-237	**Avg Concentration:** 1.0600E+001 pCi/g	**Low Limit Concent:**0.0000E+000 pCi/g	**Upper Limit Concent:**5.8400E+001 pCi/g
Uranium-238	**Avg Concentration:** 6.3800E+001 pCi/g	**Low Limit Concent:**0.0000E+000 pCi/g	**Upper Limit Concent:**1.5900E+002 pCi/g
Thorium-232	**Avg Concentration:** 1.0900E+000 pCi/g	**Low Limit Concent:**0.0000E+000 pCi/g	**Upper Limit Concent:**5.7400E+000 pCi/g
Thorium-230	**Avg Concentration:** 1.2200E+001 pCi/g	**Low Limit Concent:**0.0000E+000 pCi/g	**Upper Limit Concent:**5.4100E+001 pCi/g
Plutonium-238	**Avg Concentration:** 1.6400E+000 pCi/g	**Low Limit Concent:**0.0000E+000 pCi/g	**Upper Limit Concent:**1.1800E+001 pCi/g
Contaminants			
Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Nickel	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Cyanide	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Silver	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Mixed Low Level Waste - PWMP_UnStab-MLLW-Sludge			**WASTE STREAM CODE:** 03558
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:**PWMP_UnStab-MLLW-Sludge	**MPC NAME:**Inorganic Sludges	**TOTAL CURIES:**
100.000	Profile 1		
	Isotopes		
	Neptunium-237 **Avg Concentration:** 2.5000E+001 pCi/g	**Low Limit Concent:**	**Upper Limit Concent:**7.0000E+001 pCi/g
	Cesium-137 **Avg Concentration:** 2.6000E+001 pCi/g	**Low Limit Concent:**	**Upper Limit Concent:**5.0000E+001 pCi/g
	Plutonium-239 **Avg Concentration:** 2.0000E+001 pCi/g	**Low Limit Concent:**	**Upper Limit Concent:**7.0000E+001 pCi/g
	Thorium-230 **Avg Concentration:** 2.0000E+002 pCi/g	**Low Limit Concent:**	**Upper Limit Concent:**5.0000E+002 pCi/g

Uranium-234	**Avg Concentration:** 5.0000E+002 pCi/g	**Low Limit Concent:**	**Upper Limit Concent:**3.5000E+003 pCi/g
Uranium-238	**Avg Concentration:** 3.0000E+002 pCi/g	**Low Limit Concent:**	**Upper Limit Concent:**2.0000E+003 pCi/g
Uranium-235	**Avg Concentration:** 3.0000E+001 pCi/g	**Low Limit Concent:**	**Upper Limit Concent:**1.5000E+002 pCi/g
Thorium-232	**Avg Concentration:** 4.0000E+000 pCi/g	**Low Limit Concent:**	**Upper Limit Concent:**5.0000E+001 pCi/g
Technetium-99	**Avg Concentration:** 1.8000E+003 pCi/g	**Low Limit Concent:**	**Upper Limit Concent:**7.0000E+003 pCi/g
Plutonium-238	**Avg Concentration:** 3.0000E-001 pCi/g	**Low Limit Concent:**	**Upper Limit Concent:**2.0000E+000 pCi/g
Radium-226	**Avg Concentration:** 2.0000E+000 pCi/g	**Low Limit Concent:**	**Upper Limit Concent:**1.0000E+001 pCi/g
Americium-241	**Avg Concentration:** 4.1000E+000 pCi/g	**Low Limit Concent:**	**Upper Limit Concent:**1.5000E+001 pCi/g
Contaminants			
Cadmium	**Avg Concentration:** 4.0000E-002 mg/l	**Lower Limit Concent:**	**Upper Limit Concent:**
Zinc	**Avg Concentration:** 9.0000E+000 mg/l	**Lower Limit Concent:**	**Upper Limit Concent:**
Barium	**Avg Concentration:** 1.3000E+000 mg/l	**Lower Limit Concent:**	**Upper Limit Concent:**
Chromium	**Avg Concentration:** 3.5000E-001 mg/l	**Lower Limit Concent:**	**Upper Limit Concent:**
Mercury	**Avg Concentration:** 4.0000E-001 mg/l	**Lower Limit Concent:**	**Upper Limit Concent:**
Copper	**Avg Concentration:** 1.3500E+001 mg/l	**Lower Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Mixed Low Level Waste - PortsSoil-MLLW-Soil			**WASTE STREAM CODE:** 03561
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:**PortsSoil-MLLW-Soil	**MPC NAME:**Soil/Gravel	**TOTAL CURIES:**

Oak Ridge - Mixed Low Level Waste - Other MLLW Liquids			**WASTE STREAM CODE:** 04264
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:**Other MLLW Liquids	**MPC NAME:**Liquids	**TOTAL CURIES:** 3,799,700,830,000

100.000	Other MLLW Liquids		
	Isotopes		
Holmium-166m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iridium-192m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-177m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Osmium-194	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-145	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Platinum-195m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhodium-101	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Scandium-44	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Titanium-44	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-154	**Avg Concentration:** 1.4493E+000 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-244	**Avg Concentration:** 1.6063E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Chlorine-36	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-241	**Avg Concentration:** 1.2385E+002 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Aluminum-26	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-223	**Avg Concentration:** 2.7162E+003 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Zirconium-88	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-187	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Calcium-45	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Arsenic-74	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Arsenic-73	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-225	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-214	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-212	**Avg Concentration:** 3.2600E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-212	**Avg Concentration:** 2.0814E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-250	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Zirconium-95	**Avg Concentration:** 1.1936E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Tantalum-179	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tin-117m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radon-220	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radon-219	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhenium-188	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhenium-186	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Platinum-197	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Platinum-193	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-146	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cadmium-109	**Avg Concentration:** 1.3292E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-207	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Beryllium-7	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-228	**Avg Concentration:** 4.0849E+005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-249	**Avg Concentration:** 3.8221E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Samarium-145	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-108m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-110m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-95	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Molybdenum-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-173	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lanthanum-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iridium-192	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-131	**Avg Concentration:** 1.2740E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-125	**Avg Concentration:** 5.4305E+003 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Mercury-203	**Avg Concentration:** 3.6826E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-181	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Protactinium-231	**Avg Concentration:** 1.0347E-002 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Nickel-63	**Avg Concentration:** 7.0693E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Nickel-59	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-94	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-129	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:** 2.0979E+006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Tin-113	**Avg Concentration:** 9.5298E-011 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Scandium-46	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Sulfur-35	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-233	**Avg Concentration:** 6.3360E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-232	**Avg Concentration:** 7.5401E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-230	**Avg Concentration:** 4.6423E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-229	**Avg Concentration:** 2.8537E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-228	**Avg Concentration:** 1.1528E+002 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:** 1.4316E-001 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:** 6.9550E+000 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Samarium-151	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:** 9.1897E-001 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-60	**Avg Concentration:** 1.0830E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-243	**Avg Concentration:** 3.3222E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Carbon-14	**Avg Concentration:** 1.8690E+000 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-133	**Avg Concentration:** 1.3130E-011 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-243	**Avg Concentration:** 2.2428E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-227	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-152	**Avg Concentration:** 3.3607E+000 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-125	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Ruthenium-106	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Promethium-147	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Krypton-85	**Avg Concentration:** 7.1983E+001 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Iron-55	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-155	**Avg Concentration:** 2.3732E+001 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-134	**Avg Concentration:** 4.6792E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-246	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-245	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-144	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Yttrium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-137m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-238	**Avg Concentration:** 2.8409E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-236	**Avg Concentration:** 7.6625E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-235	**Avg Concentration:** 2.0502E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:** 2.6444E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-226	**Avg Concentration:** 1.0477E+000 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-242	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-240	**Avg Concentration:** 6.0173E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-239	**Avg Concentration:** 1.3120E+000 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:** 3.8486E+001 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-210	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-252	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Ruthenium-103	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-236	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-234m	**Avg Concentration:** 2.6547E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-233	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Phosphorus-33	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Phosphorus-32	**Avg Concentration:** 1.2740E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iron-59	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-156	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Chromium-51	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-58	**Avg Concentration:** 2.6790E-011 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-56	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-248	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-141	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-139	**Avg Concentration:** 5.7459E-011 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-57	**Avg Concentration:** 2.4122E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Manganese-54	**Avg Concentration:** 3.4863E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Sodium-22	**Avg Concentration:** 4.3741E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Zinc-65	**Avg Concentration:** 1.1141E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-85	**Avg Concentration:** 1.2752E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Xenon-131m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-185	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thallium-208	**Avg Concentration:** 5.1724E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-234	**Avg Concentration:** 6.0793E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Osmium-191	**Avg Concentration:** 2.0695E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Sodium-24	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-177	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Indium-114m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-182	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Germanium-68	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-136	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-188	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-181	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Thorium-231	**Avg Concentration:** 1.1927E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Terbium-160	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tantalum-182	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Polonium-210	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:** 2.5946E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Potassium-40	**Avg Concentration:** 5.9966E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-95m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-126	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-224	**Avg Concentration:** 3.5494E+004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Polonium-218	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Palladium-103	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-91m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-124	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Selenium-75	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-227	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thulium-171	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Yttrium-88	**Avg Concentration:** 4.3795E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-234	**Avg Concentration:** 1.5543E+007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-89	**Avg Concentration:** 3.3151E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-214	**Avg Concentration:** 1.7666E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-175	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Gadolinium-153	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Dysprosium-166	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-143	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-208	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-244	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-111	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Contaminants			
Corrosive	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Cyanides (soluble sa	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Hydrogen sulfide	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Nickel	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Organic Contaminants	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Silver	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Sulfates	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Hydrogen cyanide	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Ignitable	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Lead	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Mercury	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Reactive	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Selenium	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Nitrates	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Chromium	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Arsenic	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Barium	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Cadmium	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:

Oak Ridge - Mixed Low Level Waste - Lab Packs			WASTE STREAM CODE: 04303
Approved Volume :	Future Volume Avg:	Future Volume Lower Limit:	Future Volume Upper Limit:
%of Stream	STREAM NAME: Lab Packs	MPC NAME: Unknown/Other Matrix	TOTAL CURIES: 918.000
100.000	Lab Packs		

Isotopes			
Bismuth-208	Avg Concentration:	Low Limit Concent:	Upper Limit Concent:

Cerium-143	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Dysprosium-166	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Gadolinium-153	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-175	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Holmium-166m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iridium-192m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-177m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-91m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Osmium-194	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Palladium-103	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-145	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Polonium-218	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Platinum-195m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-224	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhenium-188	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radon-219	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-126	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tin-117m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-95m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thallium-208	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-187	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Zirconium-88	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-181	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:** 3.9606E-003 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Niobium-94	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Nickel-63	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-231	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Plutonium-238	**Avg Concentration:** 2.2661E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-226	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Samarium-151	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:** 1.0571E-009 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-230	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-232	**Avg Concentration:** 1.4630E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-235	**Avg Concentration:** 1.5176E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-137m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-144	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-246	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-155	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Krypton-85	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Ruthenium-106	**Avg Concentration:** 8.0787E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-252	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Manganese-54	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-110m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Samarium-145	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-249	**Avg Concentration:** 4.4065E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-207	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-139	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-248	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-58	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-156	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-181	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-125	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iridium-192	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-173	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Molybdenum-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Phosphorus-33	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-234m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-236	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Ruthenium-103	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:** 3.8693E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-124	**Avg Concentration:** 1.6199E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Tin-113	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-89	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Terbium-160	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-231	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-241	**Avg Concentration:** 4.4235E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Carbon-14	**Avg Concentration:** 1.8349E+001 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-244	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hafnium-182	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Indium-114m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lutetium-177	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Sodium-24	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Osmium-191	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-146	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Platinum-193	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Platinum-197	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhenium-186	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Rhodium-101	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radon-220	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Scandium-44	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Tantalum-179	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Titanium-44	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-185	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Xenon-131m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Germanium-68	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-236	**Avg Concentration:** 7.1188E-010 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-238	**Avg Concentration:** 8.7392E-003 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Yttrium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-245	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-134	**Avg Concentration:** 8.8865E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Iron-55	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Promethium-147	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Antimony-125	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Zinc-65	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Sodium-22	**Avg Concentration:** 2.2772E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-57	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-108m	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Beryllium-7	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cadmium-109	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cerium-141	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cobalt-56	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Chromium-51	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iron-59	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Mercury-203	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-131	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lanthanum-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Niobium-95	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Phosphorus-32	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Protactinium-233	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Polonium-210	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-223	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Sulfur-35	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Scandium-46	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Selenium-75	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-85	**Avg Concentration:** 3.2315E-007 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Tantalum-182	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-227	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-234	**Avg Concentration:** 1.3330E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Tungsten-188	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Californium-250	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-212	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-212	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-225	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-244	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:** 4.8695E-005 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Arsenic-74	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Calcium-45	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-136	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Actinium-227	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Aluminum-26	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-243	**Avg Concentration:** 4.4100E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Barium-133	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Chlorine-36	**Avg Concentration:** 1.0321E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Curium-243	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Cobalt-60	**Avg Concentration:** 4.4432E-006 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-152	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Europium-154	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Iodine-129	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Potassium-40	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Nickel-59	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-210	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-239	**Avg Concentration:** 4.4736E-008 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-240	**Avg Concentration:** 5.5963E-011 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-242	**Avg Concentration:** 1.7218E-011 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Radium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:** 2.2541E-004 Ci/m3	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-229	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-233	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Yttrium-88	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Zirconium-95	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thulium-171	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Bismuth-214	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Lead-214	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Silver-111	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Arsenic-73	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Contaminants			
Cadmium	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Lead	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Nickel	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Organic Contaminants	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Arsenic	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Barium	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Chromium	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Mercury	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Selenium	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Silver	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:

Oak Ridge - Mixed Low Level Waste - Newly Generated MLLW Liquids to Commercial Treatment/Disposal			WASTE STREAM CODE: 04488
Approved Volume :	Future Volume Avg:	Future Volume Lower Limit:	Future Volume Upper Limit:
%of Stream	STREAM NAME: Newly Generated MLLW Liquids to Commercial Treatment/Disposal	MPC NAME: Liquids	TOTAL CURIES:
50.000	Newly Gen MLLW Liq to Comm		

Isotopes			
Carbon-14	Avg Concentration:	Low Limit Concent:	Upper Limit Concent:
Hydrogen-3	Avg Concentration:	Low Limit Concent:	Upper Limit Concent:
Plutonium-239	Avg Concentration:	Low Limit Concent:	Upper Limit Concent:
Thorium-230	Avg Concentration:	Low Limit Concent:	Upper Limit Concent:
Uranium-235	Avg Concentration:	Low Limit Concent:	Upper Limit Concent:
Cesium-137	Avg Concentration:	Low Limit Concent:	Upper Limit Concent:
Uranium-238	Avg Concentration:	Low Limit Concent:	Upper Limit Concent:
Thorium-232	Avg Concentration:	Low Limit Concent:	Upper Limit Concent:
Thorium-228	Avg Concentration:	Low Limit Concent:	Upper Limit Concent:
Strontium-90	Avg Concentration:	Low Limit Concent:	Upper Limit Concent:

	Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants			
	Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Cyanides (soluble sa	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Corrosive	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Fluorine	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Hydrogen cyanide	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Hydrogen sulfide	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Ignitable	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Nickel	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Organic Contaminants	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Silver	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
50.000	Newly Gen MLLW Liq to Comm/PCB			
	Isotopes			
	Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Carbon-14	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-230	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Contaminants			
Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Corrosive	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Cyanides (soluble sa	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Fluorine	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Hydrogen cyanide	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Hydrogen sulfide	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Ignitable	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Nickel	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Organic Contaminants	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Silver	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
PCB Liquids	**Avg Concentration:**	**Lower Limit Concent:** 5.0000E+001 ppm	**Upper Limit Concent:** 4.9900E+002 ppm

Oak Ridge - Mixed Low Level Waste - Newly Generated MLLW Liquids to TSCAI			**WASTE STREAM CODE:** 04489
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** Newly Generated MLLW Liquids to TSCAI	**MPC NAME:** Liquids	**TOTAL CURIES:**
50.000	New Gen MLLW Liq to TSCAI/PCB		

Isotopes			
Carbon-14	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Plutonium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-230	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

	Contaminants			
	Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Corrosive	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Cyanides (soluble sa	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Fluorine	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Hydrogen cyanide	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Hydrogen sulfide	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Ignitable	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Nickel	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Organic Contaminants	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Silver	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	PCB Liquids	**Avg Concentration:**	**Lower Limit Concent:** 5.0000E+001 ppm	**Upper Limit Concent:** 4.9900E+002 ppm
50.000	Newly Gen MLLW Liq to TSCAI			
	Isotopes			
	Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Thorium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Carbon-14	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Plutonium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-230	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Contaminants			
Silver	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Corrosive	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Cyanides (soluble sa	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Fluorine	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Hydrogen cyanide	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Hydrogen sulfide	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Ignitable	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Nickel	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Organic Contaminants	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Mixed Low Level Waste - Newly Generated MLLW Liquids to On-Site WWTF			**WASTE STREAM CODE:** 04490
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** Newly Generated MLLW Liquids to On-Site WWTF	**MPC NAME:** Wastewaters	**TOTAL CURIES:**
100.000	New Gen MLLW Liq to OnSite WWT		

Isotopes			
Alpha (gross)	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Gamma	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Beta (gross)	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-230	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Contaminants			
Cadmium	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Carbon tetrachloride	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Chloroform	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Corrosive	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Cresols-mixed (aka C	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Endrin	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Heptachlor and/or He	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Hexachlorobutadiene	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Hydrogen fluoride	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Mercury	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Methoxychlor	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Nickel	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Pentachlorophenol	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Selenium	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Tetrachloroethylene	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Trichloroethylene	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Nitrates	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
1,1-Dichloroethylene	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
1,2-Dichloroethane	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
2,4,5-TP (aka Silvex	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
2,4,5-Trichloropheno	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
2,4,6-Trichloropheno	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
2,4-D (aka Dichlorop	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
2,4-Dinitrotoluene	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Arsenic	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:
Barium	Avg Concentration:	Lower Limit Concent:	Upper Limit Concent:

Chlordane	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Chlorobenzene	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Cyanides (soluble sa	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Hexachlorobenzene	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Hexachloroethane	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Lindane	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Methyl ethyl ketone	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Nitrobenzene	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Pyridine	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Silver	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Toxaphene	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Vinyl chloride	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Sulfates	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Mixed Low Level Waste - Newly Generated MLLW Solids to Commercial Treatment/Disposal			**WASTE STREAM CODE:** 04491
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** Newly Generated MLLW Solids to Commercial Treatment/Disposal	**MPC NAME:** Solids	**TOTAL CURIES:**
15.000	New Gen MLLW Solid to Comm/PCB		

Isotopes

Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

	Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Thorium-230	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants			
	Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Nickel	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Organic Contaminants	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	PCB Unspecified	**Avg Concentration:**	**Lower Limit Concent:** 5.0000E+001 ppm	**Upper Limit Concent:** 4.9900E+002 ppm
	Silver	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
85.000	Newly Gen MLLW Solids to Comm			
	Isotopes			
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Thorium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Thorium-230	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Thorium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Plutonium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Contaminants			
Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Nickel	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Organic Contaminants	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Silver	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Mixed Low Level Waste - Newly Generated MLLW Solids to TSCAI			**WASTE STREAM CODE:** 04492
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** Newly Generated MLLW Solids to TSCAI	**MPC NAME:** Solids	**TOTAL CURIES:**
50.000	New Gen MLLW Solids to TSCAI		
	Isotopes		
	Cesium-137 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-238 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-235 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-234 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Plutonium-239 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Technetium-99 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

	Thorium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Thorium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Thorium-230	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants			
	Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Nickel	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Organic Contaminants	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
50.000	New Gen MLLWSolid to TSCAI/PCB			
	Isotopes			
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Thorium-232	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Thorium-230	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Thorium-228	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Plutonium-239	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Neptunium-237	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Contaminants			
PCB Unspecified	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Organic Contaminants	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Nickel	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Mixed Low Level Waste - MLLW/Debris/Other Solids			**WASTE STREAM CODE:** 04536
Approved Volume :	**Future Volume Avg:** 0.000	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** MLLW/Debris/Other Solids	**MPC NAME:** Paper/Cloth Debris	**TOTAL CURIES:**
100.000	FY 00 Actual		
	Isotopes		
	Uranium-234 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-235 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-238 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants		
	Lead **Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Mixed Low Level Waste - MLLW/Debris/Other Solids			WASTE STREAM CODE: 05043
Approved Volume : 2.832	**Future Volume Avg:** 46,518.921	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** MLLW/Debris/Other Solids	**MPC NAME:** Debris Waste	**TOTAL CURIES:**

Oak Ridge - Mixed Low Level Waste - MLLW/Debris/Other Solids			WASTE STREAM CODE: 05044
Approved Volume : 0.000	**Future Volume Avg:** 41.645	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** MLLW/Debris/Other Solids	**MPC NAME:** Debris Waste	**TOTAL CURIES:**
21.248	1518		
	Isotopes		
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants		
	Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	PCB Unspecified	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Silver	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**

8.094	381			
	Isotopes			
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants			
	Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	PCB Unspecified	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Silver	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
56.659	415			
	Isotopes			
	Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

	Contaminants			
	Silver	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	PCB Unspecified	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
4.069	460			
	Isotopes			
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants			
	Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	PCB Unspecified	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Silver	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**

9.927	530			
	Isotopes			
	Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants			
	Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	PCB Unspecified	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Silver	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
0.003	No Contaminants Provided			
	Isotopes			

Oak Ridge - Mixed Low Level Waste - MLLW/Ground/Surface Water/Other Aqueous			**WASTE STREAM CODE:** 05045
Approved Volume : 0.000	**Future Volume Avg:** 507,670.813	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** MLLW/Ground/Surface Water/Other Aqueous	**MPC NAME:** Ground/Surface Waters	**TOTAL CURIES:**

Oak Ridge - Mixed Low Level Waste - MLLW/Ground/Surface Water/Other Aqueous			WASTE STREAM CODE: 05046
Approved Volume : 0.000	**Future Volume Avg:** 10.526	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** MLLW/Ground/Surface Water/Other Aqueous	**MPC NAME:** Ground/Surface Waters	**TOTAL CURIES:**
89.900	886		
	Isotopes		
	Barium-140 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

10.100	No Contaminants Provided
	Isotopes

Oak Ridge - Mixed Low Level Waste - MLLW/Ground/Surface Water/Other Aqueous			WASTE STREAM CODE: 05047
Approved Volume : 283,905.900	**Future Volume Avg:** 62,994.514	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** MLLW/Ground/Surface Water/Other Aqueous	**MPC NAME:** Ground/Surface Waters	**TOTAL CURIES:**
0.004	1541		
	Isotopes		
	Cesium-137 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Technetium-99 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium (Natural) **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

	Contaminants			
	Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Silver	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
0.545	1549			
	Isotopes			
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium (Natural)	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants			
	Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Silver	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
0.060	1550			
	Isotopes			
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium (Natural)	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants			
	Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Silver	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
1.171	1557			
	Isotopes			
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium (Natural)	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants			
	Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Silver	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**

0.712	505			
	Isotopes			
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium (Natural)	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants			
	Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Silver	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
1.478	518			
	Isotopes			
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium (Natural)	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

	Contaminants			
	Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Silver	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
0.000	535			
	Isotopes			
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium (Natural)	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants			
	Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Silver	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
0.000	538			
	Isotopes			
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium (Natural)	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants			
	Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Silver	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
81.840	622			
	Isotopes			
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium (Natural)	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants			
	Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Silver	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**

14.185	689			
	Isotopes			
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium (Natural)	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants			
	Arsenic	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Barium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Cadmium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Chromium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Mercury	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Selenium	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	Silver	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
0.005	No Contaminants Provided			
	Isotopes			

Oak Ridge - Mixed Low Level Waste - MLLW/Soil/Sludge/Sediment			**WASTE STREAM CODE:** 05049
Approved Volume : 0.000	**Future Volume Avg:** 86,563.110	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** MLLW/Soil/Sludge/Sediment	**MPC NAME:** Soil/Debris	**TOTAL CURIES:**

Oak Ridge - Mixed Low Level Waste - MLLW/Soil/Sludge/Sediment			WASTE STREAM CODE: 05050
Approved Volume : 0.000	**Future Volume Avg:** 15.574	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** MLLW/Soil/Sludge/Sediment	**MPC NAME:** Soil/Debris	**TOTAL CURIES:**
100.000	215		
	Isotopes		
	Uranium-235 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Technetium-99 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-234 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-238 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants		
	Lead **Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Mixed Low Level Waste - MLLW/Soil/Sludge/Sediment			WASTE STREAM CODE: 07000
Approved Volume : 0.000	**Future Volume Avg:** 1,905.724	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** MLLW/Soil/Sludge/Sediment	**MPC NAME:** Soil/Debris	**TOTAL CURIES:**

Oak Ridge - Mixed Low Level Waste - MLLW/Soil/Sludge/Sediment-TR			WASTE STREAM CODE: 07001
Approved Volume : 0.000	**Future Volume Avg:** 1,905.724	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** MLLW/Soil/Sludge/Sediment-TR	**MPC NAME:** Soil/Debris	**TOTAL CURIES:**

Oak Ridge - Mixed Low Level Waste - MLLW/Debris/Other Solids			WASTE STREAM CODE: 07016
Approved Volume : 0.000	**Future Volume Avg:** 8,823.644	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** MLLW/Debris/Other Solids	**MPC NAME:** Debris Waste	**TOTAL CURIES:**

Oak Ridge - Mixed Low Level Waste - MLLW/Debris/Other Solids-TR			WASTE STREAM CODE: 07017
Approved Volume : 0.000	**Future Volume Avg:** 8,823.644	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** MLLW/Debris/Other Solids-TR	**MPC NAME:** Debris Waste	**TOTAL CURIES:**

Oak Ridge - Mixed Low Level Waste - LLW/PCB/Debris/Other Solids			WASTE STREAM CODE: 07071
Approved Volume : 0.000	**Future Volume Avg:** 1.011	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** LLW/PCB/Debris/Other Solids	**MPC NAME:** Debris Waste	**TOTAL CURIES:**
100.000	297		

Isotopes			
Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
Contaminants			
PCB Unspecified	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Mixed Low Level Waste - LLW/PCB/Debris/Other Solids			WASTE STREAM CODE: 07072
Approved Volume : 0.000	**Future Volume Avg:** 156.592	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** LLW/PCB/Debris/Other Solids	**MPC NAME:** Debris Waste	**TOTAL CURIES:**

100.000	5826			
	Isotopes			
	Technetium-99	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium (Natural)	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants			
	PCB Unspecified	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Mixed Low Level Waste - LLW/PCB/Solvents/Oils			**WASTE STREAM CODE:** 07073
Approved Volume : 1.249	**Future Volume Avg:** 22.001	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** LLW/PCB/Solvents/Oils	**MPC NAME:** Organic Liquids	**TOTAL CURIES:**

1.790	1407			
	Isotopes			
	Contaminants			
	PCB Unspecified	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
5.370	1660			
	Isotopes			
	Contaminants			
	PCB Unspecified	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
92.840	No Contaminants Provided			
	Isotopes			

Oak Ridge - Mixed Low Level Waste - LLW/PCB/Solvents/Oils | **WASTE STREAM CODE:** 07074

Approved Volume : 0.000 **Future Volume Avg:** 0.644 **Future Volume Lower Limit:** **Future Volume Upper Limit:**

%of Stream	STREAM NAME:	MPC NAME:	TOTAL CURIES:
	LLW/PCB/Solvents/Oils	Organic Liquids	

23.530	629			
	Isotopes			
	Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants			
	PCB Unspecified	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
76.470	891			
	Isotopes			
	Barium-140	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants			
	PCB Unspecified	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Mixed Low Level Waste - MLLW/Debris/Other Solids | **WASTE STREAM CODE:** 07085

Approved Volume : 0.000 **Future Volume Avg:** 1,911.671 **Future Volume Lower Limit:** **Future Volume Upper Limit:**

%of Stream	STREAM NAME:	MPC NAME:	TOTAL CURIES:
	MLLW/Debris/Other Solids	Debris Waste	

0.010	959			
	Isotopes			
	Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

99.990	No Contaminants Provided			
	Isotopes			

Oak Ridge - Mixed Low Level Waste - MLLW/Debris/Other Solids			WASTE STREAM CODE: 07088
Approved Volume : 1.416	**Future Volume Avg:** 15.517	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** MLLW/Debris/Other Solids	**MPC NAME:** Debris Waste	**TOTAL CURIES:**
0.191	1009		
	Isotopes		
	Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants			
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
0.871	911			
	Isotopes			
	Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants			
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
1.200	921			
	Isotopes			
	Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**

	Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants			
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
0.038	956			
	Isotopes			
	Americium-241	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Plutonium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Strontium-90	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cobalt-60	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Cesium-137	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants			
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
97.700	FY 2000 Actual			
	Isotopes			
	Uranium-235	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-238	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Uranium-234	**Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants			
	Lead	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	PCB Unspecified	**Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Mixed Low Level Waste - MLLW/Debris/Other Solids			**WASTE STREAM CODE:** 07090
Approved Volume : 0.000	**Future Volume Avg:** 180.907	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** MLLW/Debris/Other Solids	**MPC NAME:** Debris Waste	**TOTAL CURIES:**

Oak Ridge - Mixed Low Level Waste - MLLW/PCB/Ground/Surface Water/Other Aqueous			WASTE STREAM CODE: 07095
Approved Volume : 0.000	**Future Volume Avg:** 22.712	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** MLLW/PCB/Ground/Surface Water/Other Aqueous	**MPC NAME:** Ground/Surface Waters	**TOTAL CURIES:**
100.000 515			
	Isotopes		
	Uranium-234 **Avg Concentration:**	**Low Limit Concent:**	**Upper Limit Concent:**
	Contaminants		
	Mercury **Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**
	PCB Unspecified **Avg Concentration:**	**Lower Limit Concent:**	**Upper Limit Concent:**

Oak Ridge - Mixed Low Level Waste - MLLW/Soil/Sludge/Sediment			WASTE STREAM CODE: 07096
Approved Volume : 0.000	**Future Volume Avg:** 6,819.830	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** MLLW/Soil/Sludge/Sediment	**MPC NAME:** Soil/Debris	**TOTAL CURIES:**

Oak Ridge - Mixed Low Level Waste - MLLW/Solvents/Oils			WASTE STREAM CODE: 07098
Approved Volume : 0.000	**Future Volume Avg:** 0.038	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** MLLW/Solvents/Oils	**MPC NAME:** Organic Liquids	**TOTAL CURIES:**

Oak Ridge - Mixed Low Level Waste - LLW/PCB/Soil/Sludge/Sediment			WASTE STREAM CODE: 07178
Approved Volume : 0.000	**Future Volume Avg:** 89,452.929	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** LLW/PCB/Soil/Sludge/Sediment	**MPC NAME:** Soil/Debris	**TOTAL CURIES:**

Oak Ridge - Mixed Low Level Waste - MLLW/PCB/Soil/Sludge/Sediment			WASTE STREAM CODE: 07184
Approved Volume : 0.000	**Future Volume Avg:** 40,139.135	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** MLLW/PCB/Soil/Sludge/Sediment	**MPC NAME:** Soil/Debris	**TOTAL CURIES:**

Oak Ridge - Mixed Low Level Waste - MLLW/PCB/Debris/Other Solids			WASTE STREAM CODE: 07187
Approved Volume : 0.000	**Future Volume Avg:** 15,772.486	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** MLLW/PCB/Debris/Other Solids	**MPC NAME:** Debris Waste	**TOTAL CURIES:**

Oak Ridge - Mixed Low Level Waste - MLLW/PCB/Debris/Other Solids-TR			WASTE STREAM CODE: 07214
Approved Volume : 0.000	**Future Volume Avg:** 4,605.424	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** MLLW/PCB/Debris/Other Solids-TR	**MPC NAME:** Debris Waste	**TOTAL CURIES:**

Oak Ridge - Mixed Low Level Waste - MLLW/PCB/Debris/Other Solids			WASTE STREAM CODE: 07215
Approved Volume : 0.000	**Future Volume Avg:** 4,605.424	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** MLLW/PCB/Debris/Other Solids	**MPC NAME:** Debris Waste	**TOTAL CURIES:**

Data Source: Office of Environmental Management Corporate Database