

Sort Order	Constituent	Isotope/ CAS Number	Inventory Units	WMA A-AX Total Inventory	241-A-350	241-A-417
1	Tritium	3H	Ci	1.25E-03	2.54E-05	1.22E-03
3	Carbon-14	14C	Ci	5.18E-04	1.05E-05	5.08E-04
15	Nickel-59	59Ni	Ci	3.69E-02	7.50E-04	3.62E-02
16	Nickel-63	63Ni	Ci	3.45E+00	7.01E-02	3.38E+00
17	Cobalt-60	60Co	Ci	3.48E-01	7.07E-03	3.41E-01
18	Selenium-79	79Se	Ci	1.07E-04	2.17E-06	1.05E-04
19	Strontium-90	90Sr	Ci	3.31E+03	6.72E+01	3.24E+03
20	Yttrium-90	90Y	Ci	3.31E+03	6.72E+01	3.24E+03
22	Niobium-93m	93mNb	Ci	6.58E-02	1.34E-03	6.45E-02
25	Zirconium-93	93Zr	Ci	2.92E-02	5.94E-04	2.86E-02
26	Technetium-99	99Tc	Ci	6.18E-02	1.26E-03	6.05E-02
27	Ruthenium-106	106Ru	Ci	3.58E-07	7.28E-09	3.51E-07
31	Cadmium-113m	113mCd	Ci	1.09E-01	2.22E-03	1.07E-01
34	Tin-126	126Sn	Ci	4.48E-03	9.10E-05	4.39E-03
35	Antimony-125	125Sb	Ci	2.89E-02	5.88E-04	2.83E-02
37	Iodine-129	129I	Ci	1.58E-05	3.21E-07	1.55E-05
39	Cesium-134	134Cs	Ci	5.61E-05	1.14E-06	5.50E-05
40	Barium-137m	137mBa	Ci	4.28E+01	8.70E-01	4.19E+01
41	Cesium-137	137Cs	Ci	4.53E+01	9.20E-01	4.43E+01
44	Samarium-151	151Sm	Ci	2.17E+02	4.41E+00	2.12E+02
46	Europium-152	152Eu	Ci	1.04E-01	2.11E-03	1.02E-01
47	Europium-154	154Eu	Ci	4.51E+00	9.17E-02	4.42E+00
48	Europium-155	155Eu	Ci	1.26E+00	2.56E-02	1.23E+00
58	Radium-226	226Ra	Ci	1.24E-07	2.53E-09	1.22E-07
59	Radium-228	228Ra	Ci	3.98E-05	8.09E-07	3.90E-05
60	Actinium-227	227Ac	Ci	5.68E-05	1.16E-06	5.57E-05
62	Thorium-229	229Th	Ci	5.27E-08	1.07E-09	5.16E-08
64	Thorium-232	232Th	Ci	1.90E-07	3.87E-09	1.87E-07
65	Protactinium-231	231Pa	Ci	5.13E-05	1.04E-06	5.03E-05
66	Uranium-232	232U	Ci	5.77E-04	1.17E-05	5.66E-04
67	Uranium-233	233U	Ci	3.58E-02	7.27E-04	3.51E-02
68	Uranium-234	234U	Ci	6.45E-03	1.31E-04	6.31E-03
69	Uranium-235	235U	Ci	2.62E-04	5.32E-06	2.56E-04
70	Uranium-236	236U	Ci	1.69E-04	3.43E-06	1.65E-04
71	Uranium-238	238U	Ci	5.80E-03	1.18E-04	5.69E-03
72	Neptunium-237	237Np	Ci	2.75E-03	5.60E-05	2.70E-03
74	Plutonium-238	238Pu	Ci	7.16E-02	1.46E-03	7.02E-02
75	Plutonium-239	239Pu	Ci	1.77E+00	3.60E-02	1.74E+00
76	Plutonium-240	240Pu	Ci	4.10E-01	8.34E-03	4.02E-01
77	Plutonium-241	241Pu	Ci	2.97E+00	6.03E-02	2.91E+00
78	Plutonium-242	242Pu	Ci	2.80E-05	5.69E-07	2.74E-05
80	Americium-241	241Am	Ci	4.61E+00	9.37E-02	4.52E+00
82	Americium-243	243Am	Ci	2.49E-03	5.07E-05	2.44E-03
83	Curium-242	242Cm	Ci	3.06E-03	6.23E-05	3.00E-03
84	Curium-243	243Cm	Ci	1.67E-04	3.39E-06	1.63E-04
85	Curium-244	244Cm	Ci	3.75E-03	7.63E-05	3.68E-03
97	Aluminum	7429-90-5	kg	2.18E+01	4.43E-01	2.13E+01
98	Ammonia	7664-41-7	kg	0.00E+00	0.00E+00	0.00E+00
99	Ammonium NH4	14798-03-9	kg	0.00E+00	0.00E+00	0.00E+00
100	Antimony	7440-36-0	kg	9.33E-02	1.90E-03	9.14E-02

101	Arsenic	7440-38-2	kg	0.00E+00	0.00E+00	0.00E+00
102	Barium	7440-39-3	kg	9.60E-01	1.95E-02	9.40E-01
103	Beryllium	7440-41-7	kg	1.07E-02	2.17E-04	1.05E-02
104	Bismuth	7440-69-9	kg	2.38E-01	4.84E-03	2.33E-01
105	Boron	7440-42-8	kg	2.23E-01	4.52E-03	2.18E-01
107	Cadmium	7440-43-9	kg	3.76E-02	7.65E-04	3.69E-02
108	Calcium	7440-70-2	kg	5.01E+00	1.02E-01	4.91E+00
108.5	Carbonate	CO3	kg	1.51E+01	3.07E-01	1.48E+01
109	Cerium	7440-45-1	kg	0.00E+00	0.00E+00	0.00E+00
110	Chloride	16887-00-6	kg	6.81E-01	1.38E-02	6.67E-01
111	Chromium	18540-29-9	kg	1.31E+01	2.67E-01	1.29E+01
114	Cobalt	7440-48-4	kg	7.89E-02	1.60E-03	7.72E-02
115	Copper	7440-50-8	kg	4.50E-02	9.15E-04	4.41E-02
116	Cyanide	57-12-5	kg	0.00E+00	0.00E+00	0.00E+00
119	Fluoride	16984-48-8	kg	5.96E-02	1.21E-03	5.84E-02
122	Hydroxide	OHDEMAND	kg	1.49E+02	3.03E+00	1.46E+02
123	Iron	7439-89-6	kg	4.05E+01	8.24E-01	3.97E+01
124	Lanthanum	7439-91-0	kg	3.29E-01	6.69E-03	3.22E-01
125	Lead	7439-92-1	kg	2.70E+00	5.48E-02	2.64E+00
126	Lithium	7439-93-2	kg	8.58E-02	1.74E-03	8.41E-02
127	Magnesium	7439-95-4	kg	1.34E+00	2.73E-02	1.32E+00
128	Manganese	7439-96-5	kg	4.30E+00	8.75E-02	4.22E+00
130	Mercury	7439-97-6	kg	3.16E-02	6.42E-04	3.10E-02
131	Molybdenum	7439-98-7	kg	1.32E-01	2.68E-03	1.29E-01
132	Neodymium	7440-00-8	kg	0.00E+00	0.00E+00	0.00E+00
133	Nickel	7440-02-0	kg	2.75E+00	5.58E-02	2.69E+00
135	Nitrate	14797-55-8	kg	1.42E+01	2.88E-01	1.39E+01
136	Nitrite	14797-65-0	kg	9.15E+00	1.86E-01	8.97E+00
137	Oxalate	338-70-5	kg	3.13E+01	6.35E-01	3.06E+01
138	Palladium	7440-05-3	kg	0.00E+00	0.00E+00	0.00E+00
139	Phosphate	14265-44-2	kg	5.28E+00	1.07E-01	5.17E+00
141	Potassium	7440-09-7	kg	7.48E-01	1.52E-02	7.33E-01
142	Praseodymium	7440-10-0	kg	0.00E+00	0.00E+00	0.00E+00
143	Rhodium	7440-16-6	kg	0.00E+00	0.00E+00	0.00E+00
144	Rubidium	7440-17-7	kg	0.00E+00	0.00E+00	0.00E+00
145	Ruthenium	7440-18-8	kg	0.00E+00	0.00E+00	0.00E+00
147	Selenium	7782-49-2	kg	0.00E+00	0.00E+00	0.00E+00
148	Silicon	7440-21-3	kg	2.10E+01	4.26E-01	2.05E+01
149	Silver	7440-22-4	kg	1.10E-01	2.24E-03	1.08E-01
150	Sodium	7440-23-5	kg	3.65E+01	7.41E-01	3.57E+01
151	Strontium	7440-24-6	kg	1.02E-01	2.08E-03	1.00E-01
152	Sulfate	14808-79-8	kg	4.27E+00	8.68E-02	4.18E+00
155	Tantalum	7440-25-7	kg	0.00E+00	0.00E+00	0.00E+00
156	Tellurium	13494-80-9	kg	0.00E+00	0.00E+00	0.00E+00
157	Thallium	7440-28-0	kg	0.00E+00	0.00E+00	0.00E+00
159	Thorium	7440-29-1	kg	2.02E-08	4.11E-10	1.98E-08
161	Titanium	7440-32-6	kg	2.13E-02	4.33E-04	2.09E-02
162	Tungsten	7440-33-7	kg	0.00E+00	0.00E+00	0.00E+00
163	Uranium	7440-61-1	kg	1.74E+01	3.54E-01	1.71E+01
164	Vanadium	7440-62-2	kg	1.07E-01	2.17E-03	1.05E-01
165	Vanadium pentoxide	1314-62-1	kg	0.00E+00	0.00E+00	0.00E+00
166	Yttrium	7440-65-5	kg	0.00E+00	0.00E+00	0.00E+00

167	Zinc	7440-66-6	kg	9.77E-02	1.99E-03	9.57E-02
168	Zirconium	7440-67-7	kg	1.12E+00	2.27E-02	1.09E+00
174	1, 1, 2-Trichloroethylene	79-01-6	kg	0.00E+00	0.00E+00	0.00E+00
222	Acetate C2H3O2-	71-50-1	kg	0.00E+00	0.00E+00	0.00E+00
230	Benzene	71-43-2	kg	0.00E+00	0.00E+00	0.00E+00
232	Benzyl alcohol	100-51-6	kg	0.00E+00	0.00E+00	0.00E+00
244	Chloroform	67-66-3	kg	0.00E+00	0.00E+00	0.00E+00
257	Dichloromethane (methylene chloride)	75-09-2	kg	0.00E+00	0.00E+00	0.00E+00
259	Diethyl ether	60-29-7	kg	0.00E+00	0.00E+00	0.00E+00
294	Nitrobenzene	98-95-3	kg	0.00E+00	0.00E+00	0.00E+00
318	Pyridine	110-86-1	kg	0.00E+00	0.00E+00	0.00E+00
320	Tetrachloroethylene	127-18-4	kg	0.00E+00	0.00E+00	0.00E+00
322	Tetrahydrofuran	109-99-9	kg	0.00E+00	0.00E+00	0.00E+00
326	Tributyl phosphate	126-73-8	kg	0.00E+00	0.00E+00	0.00E+00







Sort Order	Constituent	Isotope/ CAS Number	Inventory Units	WMA B-BX-BY Total Inventory	241-B-301	241-BX-302A
1	Tritium	3H	Ci	4.96E-03	3.91E-04	3.50E-04
3	Carbon-14	14C	Ci	2.27E-03	1.37E-04	1.19E-04
15	Nickel-59	59Ni	Ci	4.07E-02	2.14E-03	2.96E-03
16	Nickel-63	63Ni	Ci	3.83E+00	2.03E-01	2.78E-01
17	Cobalt-60	60Co	Ci	1.06E-01	1.39E-02	7.08E-03
18	Selenium-79	79Se	Ci	3.74E-04	4.04E-06	7.14E-06
19	Strontium-90	90Sr	Ci	3.83E+02	1.16E+02	2.05E+01
20	Yttrium-90	90Y	Ci	3.84E+02	1.16E+02	2.05E+01
22	Niobium-93m	93mNb	Ci	1.70E-02	9.67E-04	1.23E-03
25	Zirconium-93	93Zr	Ci	9.76E-01	1.27E-03	1.47E-03
26	Technetium-99	99Tc	Ci	1.05E-01	7.05E-03	7.50E-03
27	Ruthenium-106	106Ru	Ci	2.65E-04	6.45E-07	1.07E-09
31	Cadmium-113m	113mCd	Ci	1.77E-02	8.28E-04	1.29E-03
34	Tin-126	126Sn	Ci	1.31E-03	5.67E-05	9.61E-05
35	Antimony-125	125Sb	Ci	2.06E-02	1.34E-02	5.45E-04
37	Iodine-129	129I	Ci	2.47E-04	2.79E-06	1.86E-05
39	Cesium-134	134Cs	Ci	3.27E-05	1.23E-05	1.54E-06
40	Barium-137m	137mBa	Ci	1.27E+02	1.98E+01	8.15E+00
41	Cesium-137	137Cs	Ci	1.33E+02	2.10E+01	8.61E+00
44	Samarium-151	151Sm	Ci	4.04E+01	2.32E+01	1.28E+00
46	Europium-152	152Eu	Ci	4.05E-02	1.77E-02	2.14E-04
47	Europium-154	154Eu	Ci	5.21E-01	3.27E-01	1.49E-02
48	Europium-155	155Eu	Ci	1.81E-01	1.05E-01	5.85E-03
58	Radium-226	226Ra	Ci	3.87E-05	1.13E-08	7.12E-09
59	Radium-228	228Ra	Ci	4.51E-05	-8.40E-05	9.90E-06
60	Actinium-227	227Ac	Ci	2.80E-05	2.82E-06	1.93E-06
62	Thorium-229	229Th	Ci	6.33E-05	1.19E-05	3.94E-06
64	Thorium-232	232Th	Ci	2.89E-04	5.42E-05	1.80E-05
65	Protactinium-231	231Pa	Ci	1.14E-04	3.90E-06	8.47E-06
66	Uranium-232	232U	Ci	1.97E-04	4.22E-05	1.19E-05
67	Uranium-233	233U	Ci	1.22E-02	2.62E-03	7.38E-04
68	Uranium-234	234U	Ci	1.83E-02	2.71E-03	1.20E-03
69	Uranium-235	235U	Ci	8.07E-04	1.19E-04	5.28E-05
70	Uranium-236	236U	Ci	1.17E-03	3.85E-05	1.54E-05
71	Uranium-238	238U	Ci	1.84E-02	2.69E-03	1.20E-03
72	Neptunium-237	237Np	Ci	5.92E-04	4.37E-05	3.89E-05
74	Plutonium-238	238Pu	Ci	2.33E-02	5.88E-03	1.34E-03
75	Plutonium-239	239Pu	Ci	1.41E+00	3.42E-01	8.18E-02
76	Plutonium-240	240Pu	Ci	2.40E-01	4.58E-02	1.48E-02
77	Plutonium-241	241Pu	Ci	1.15E+00	1.99E-01	7.32E-02
78	Plutonium-242	242Pu	Ci	5.90E-05	1.92E-06	5.97E-07
80	Americium-241	241Am	Ci	3.61E-01	4.03E-02	2.46E-02
82	Americium-243	243Am	Ci	4.54E-05	1.80E-05	2.10E-06
83	Curium-242	242Cm	Ci	3.16E-04	1.64E-04	3.58E-06
84	Curium-243	243Cm	Ci	2.58E-05	2.51E-05	4.93E-08
85	Curium-244	244Cm	Ci	5.97E-04	5.82E-04	1.19E-06
97	Aluminum	7429-90-5	kg	1.69E+02	3.01E+01	1.07E+01
98	Ammonia	7664-41-7	kg	4.70E-02	4.70E-02	0.00E+00
99	Ammonium NH4	14798-03-9	kg	0.00E+00	0.00E+00	0.00E+00
100	Antimony	7440-36-0	kg	3.23E-02	1.78E-02	1.12E-03
101	Arsenic	7440-38-2	kg	1.31E-01	1.76E-02	8.67E-03
102	Barium	7440-39-3	kg	9.22E-01	3.10E-02	6.83E-02
103	Beryllium	7440-41-7	kg	3.92E-02	1.08E-02	2.17E-03
104	Bismuth	7440-69-9	kg	5.23E+01	1.94E+01	2.53E+00
105	Boron	7440-42-8	kg	4.20E-01	1.85E-01	1.80E-02
107	Cadmium	7440-43-9	kg	8.32E-02	1.03E-02	5.59E-03
108	Calcium	7440-70-2	kg	1.06E+01	1.54E+00	6.95E-01

108.5	Carbonate	CO3	kg	1.42E+01	8.22E+00	4.61E-01
109	Cerium	7440-45-1	kg	1.57E-01	3.00E-02	9.71E-03
110	Chloride	16887-00-6	kg	5.76E-01	2.40E-01	2.55E-02
111	Chromium	18540-29-9	kg	9.62E+00	1.30E+00	6.37E-01
114	Cobalt	7440-48-4	kg	1.09E-01	1.54E-02	7.18E-03
115	Copper	7440-50-8	kg	1.61E-01	5.08E-02	8.44E-03
116	Cyanide	57-12-5	kg	1.45E-03	3.87E-04	8.14E-05
119	Fluoride	16984-48-8	kg	2.32E+01	1.14E+01	9.04E-01
122	Hydroxide	OHDEMAND	kg	5.04E+02	8.63E+01	3.20E+01
123	Iron	7439-89-6	kg	7.53E+01	1.98E+01	4.25E+00
124	Lanthanum	7439-91-0	kg	3.81E-01	2.45E-01	1.04E-02
125	Lead	7439-92-1	kg	4.68E+00	1.43E+00	2.50E-01
126	Lithium	7439-93-2	kg	1.20E-01	2.22E-02	7.54E-03
127	Magnesium	7439-95-4	kg	1.95E+00	1.59E-01	1.38E-01
128	Manganese	7439-96-5	kg	2.46E+00	6.08E-01	1.42E-01
130	Mercury	7439-97-6	kg	1.15E-01	1.39E-02	7.75E-03
131	Molybdenum	7439-98-7	kg	3.08E-01	2.57E-02	2.17E-02
132	Neodymium	7440-00-8	kg	7.44E-02	2.09E-02	4.11E-03
133	Nickel	7440-02-0	kg	1.26E+00	2.43E-01	7.76E-02
135	Nitrate	14797-55-8	kg	1.33E+02	3.46E+01	7.56E+00
136	Nitrite	14797-65-0	kg	1.52E+01	3.93E+00	8.63E-01
137	Oxalate	338-70-5	kg	9.86E+00	3.11E+00	5.18E-01
138	Palladium	7440-05-3	kg	0.00E+00	0.00E+00	0.00E+00
139	Phosphate	14265-44-2	kg	2.09E+02	4.09E+01	1.29E+01
141	Potassium	7440-09-7	kg	1.09E+00	2.86E-01	6.13E-02
142	Praseodymium	7440-10-0	kg	0.00E+00	0.00E+00	0.00E+00
143	Rhodium	7440-16-6	kg	4.98E-03	4.98E-03	0.00E+00
144	Rubidium	7440-17-7	kg	0.00E+00	0.00E+00	0.00E+00
145	Ruthenium	7440-18-8	kg	2.10E-02	2.10E-02	0.00E+00
147	Selenium	7782-49-2	kg	1.54E-02	4.56E-03	8.33E-04
148	Silicon	7440-21-3	kg	5.56E+01	1.03E+01	3.48E+00
149	Silver	7440-22-4	kg	5.83E-02	1.80E-02	3.09E-03
150	Sodium	7440-23-5	kg	1.85E+02	4.71E+01	1.05E+01
151	Strontium	7440-24-6	kg	2.08E+00	2.24E-01	8.48E-02
152	Sulfate	14808-79-8	kg	2.50E+01	1.28E+01	9.30E-01
155	Tantalum	7440-25-7	kg	0.00E+00	0.00E+00	0.00E+00
156	Tellurium	13494-80-9	kg	5.94E-03	5.94E-03	0.00E+00
157	Thallium	7440-28-0	kg	1.78E-02	1.78E-02	0.00E+00
159	Thorium	7440-29-1	kg	1.91E-03	3.56E-04	1.18E-04
161	Titanium	7440-32-6	kg	1.31E-01	1.48E-02	8.91E-03
162	Tungsten	7440-33-7	kg	2.83E-03	2.83E-03	0.00E+00
163	Uranium	7440-61-1	kg	5.51E+01	8.06E+00	3.61E+00
164	Vanadium	7440-62-2	kg	5.42E-02	1.69E-02	2.87E-03
165	Vanadium pentoxide	1314-62-1	kg	0.00E+00	0.00E+00	0.00E+00
166	Yttrium	7440-65-5	kg	1.83E-02	4.60E-04	1.37E-03
167	Zinc	7440-66-6	kg	3.85E-01	8.95E-02	2.27E-02
168	Zirconium	7440-67-7	kg	3.46E+00	9.06E-02	4.11E-02
174	1, 1, 2-Trichloroethylene	79-01-6	kg	0.00E+00	0.00E+00	0.00E+00
222	Acetate C2H3O2-	71-50-1	kg	0.00E+00	0.00E+00	0.00E+00
230	Benzene	71-43-2	kg	0.00E+00	0.00E+00	0.00E+00
232	Benzyl alcohol	100-51-6	kg	0.00E+00	0.00E+00	0.00E+00
244	Chloroform	67-66-3	kg	0.00E+00	0.00E+00	0.00E+00
257	Dichloromethane (methylene chloride)	75-09-2	kg	0.00E+00	0.00E+00	0.00E+00
259	Diethyl ether	60-29-7	kg	0.00E+00	0.00E+00	0.00E+00
294	Nitrobenzene	98-95-3	kg	0.00E+00	0.00E+00	0.00E+00
318	Pyridine	110-86-1	kg	0.00E+00	0.00E+00	0.00E+00
320	Tetrachloroethylene	127-18-4	kg	0.00E+00	0.00E+00	0.00E+00
322	Tetrahydrofuran	109-99-9	kg	0.00E+00	0.00E+00	0.00E+00



326 Tributyl phosphate

126-73-8

kg

0.00E+00

0.00E+00

0.00E+00

244-BX-DCR	244-BXR Vault	Pipe System
9.31E-04	3.28E-03	0.00E+00
3.15E-04	1.11E-03	5.93E-04
7.86E-03	2.77E-02	1.41E-05
7.39E-01	2.61E+00	1.10E-05
1.88E-02	6.64E-02	3.14E-06
1.90E-05	6.69E-05	2.77E-04
5.44E+01	1.92E+02	5.45E-07
5.44E+01	1.92E+02	9.56E-01
3.27E-03	1.15E-02	1.46E-07
3.90E-03	1.38E-02	9.56E-01
1.99E-02	7.03E-02	1.28E-07
2.83E-09	1.00E-08	2.64E-04
3.43E-03	1.21E-02	2.32E-16
2.55E-04	9.01E-04	6.31E-07
1.45E-03	5.11E-03	1.80E-05
4.94E-05	1.74E-04	2.10E-06
4.09E-06	1.44E-05	3.01E-07
2.16E+01	7.64E+01	6.04E-01
2.29E+01	8.08E+01	7.20E-09
3.40E+00	1.20E+01	5.70E-01
5.69E-04	2.01E-03	2.00E-02
3.95E-02	1.39E-01	9.57E-07
1.55E-02	5.48E-02	7.03E-05
1.89E-08	6.67E-08	3.86E-05
2.63E-05	9.28E-05	1.09E-08
5.13E-06	1.81E-05	2.48E-09
1.05E-05	3.70E-05	0.00E+00
4.78E-05	1.69E-04	5.54E-13
2.25E-05	7.94E-05	1.47E-14
3.16E-05	1.12E-04	8.54E-11
1.96E-03	6.92E-03	4.72E-15
3.18E-03	1.12E-02	1.41E-08
1.40E-04	4.95E-04	1.11E-09
4.10E-05	1.45E-04	9.27E-04
3.20E-03	1.13E-02	1.52E-06
1.03E-04	3.65E-04	4.10E-05
3.55E-03	1.25E-02	1.26E-05
2.17E-01	7.67E-01	1.57E-06
3.94E-02	1.39E-01	9.46E-04
1.95E-01	6.87E-01	2.24E-05
1.59E-06	5.60E-06	4.93E-05
6.53E-02	2.31E-01	1.77E-04
5.57E-06	1.97E-05	2.83E-08
9.51E-06	3.36E-05	1.06E-04
1.31E-07	4.62E-07	3.59E-10
3.17E-06	1.12E-05	1.65E-08
2.84E+01	1.00E+02	0.00E+00
0.00E+00	0.00E+00	
0.00E+00	0.00E+00	
2.97E-03	1.05E-02	
2.30E-02	8.13E-02	
1.82E-01	6.41E-01	
5.77E-03	2.04E-02	
6.72E+00	2.37E+01	1.53E-03
4.78E-02	1.69E-01	
1.49E-02	5.24E-02	
1.85E+00	6.52E+00	3.26E-02



0.00E+00 0.00E+00

Sort Order	Constituent	Isotope/ CAS Number	Inventory Units	WMA C Total Inventory	241-C-301	244-CR-Vault
1	Tritium	3H	Ci	3.55E-02	7.39E-03	2.72E-02
3	Carbon-14	14C	Ci	1.52E-03	2.87E-04	1.06E-03
15	Nickel-59	59Ni	Ci	1.87E-02	3.99E-03	1.47E-02
16	Nickel-63	63Ni	Ci	3.23E+00	6.89E-01	2.54E+00
17	Cobalt-60	60Co	Ci	5.77E-01	1.23E-01	4.54E-01
18	Selenium-79	79Se	Ci	9.37E-04	1.77E-04	6.52E-04
19	Strontium-90	90Sr	Ci	3.67E+03	7.83E+02	2.88E+03
20	Yttrium-90	90Y	Ci	3.67E+03	7.83E+02	2.88E+03
22	Niobium-93m	93mNb	Ci	3.24E-03	6.83E-04	2.52E-03
25	Zirconium-93	93Zr	Ci	1.50E-02	7.79E-04	2.87E-03
26	Technetium-99	99Tc	Ci	5.86E-02	1.25E-02	4.60E-02
27	Ruthenium-106	106Ru	Ci	6.57E-06	1.39E-07	5.11E-07
31	Cadmium-113m	113mCd	Ci	3.44E-03	7.34E-04	2.71E-03
34	Tin-126	126Sn	Ci	1.15E-02	2.45E-03	9.01E-03
35	Antimony-125	125Sb	Ci	1.43E+00	3.06E-01	1.13E+00
37	Iodine-129	129I	Ci	2.78E-04	5.92E-05	2.18E-04
39	Cesium-134	134Cs	Ci	3.86E-01	8.24E-02	3.04E-01
40	Barium-137m	137mBa	Ci	4.08E+02	8.72E+01	3.21E+02
41	Cesium-137	137Cs	Ci	4.32E+02	9.22E+01	3.40E+02
44	Samarium-151	151Sm	Ci	1.39E+02	2.96E+01	1.09E+02
46	Europium-152	152Eu	Ci	1.39E+00	2.95E-01	1.09E+00
47	Europium-154	154Eu	Ci	3.06E+00	6.53E-01	2.41E+00
48	Europium-155	155Eu	Ci	2.53E+00	5.40E-01	1.99E+00
58	Radium-226	226Ra	Ci	8.95E+00	1.91E+00	7.04E+00
59	Radium-228	228Ra	Ci	3.83E-04	8.18E-05	3.02E-04
60	Actinium-227	227Ac	Ci	5.95E-04	1.27E-04	4.68E-04
62	Thorium-229	229Th	Ci	2.01E-04	4.28E-05	1.58E-04
64	Thorium-232	232Th	Ci	1.12E-03	2.38E-04	8.77E-04
65	Protactinium-231	231Pa	Ci	4.91E-05	1.05E-05	3.86E-05
66	Uranium-232	232U	Ci	6.62E-04	1.41E-04	5.20E-04
67	Uranium-233	233U	Ci	8.62E-02	1.84E-02	6.78E-02
68	Uranium-234	234U	Ci	1.85E-02	3.95E-03	1.45E-02
69	Uranium-235	235U	Ci	7.49E-04	1.60E-04	5.89E-04
70	Uranium-236	236U	Ci	3.22E-04	6.83E-05	2.52E-04
71	Uranium-238	238U	Ci	1.74E-02	3.72E-03	1.37E-02
72	Neptunium-237	237Np	Ci	2.43E-03	5.19E-04	1.91E-03
74	Plutonium-238	238Pu	Ci	1.65E-01	3.53E-02	1.30E-01
75	Plutonium-239	239Pu	Ci	4.30E+00	9.18E-01	3.38E+00
76	Plutonium-240	240Pu	Ci	9.23E-01	1.97E-01	7.26E-01
77	Plutonium-241	241Pu	Ci	5.92E+00	1.26E+00	4.65E+00
78	Plutonium-242	242Pu	Ci	2.49E-04	1.18E-05	4.35E-05
80	Americium-241	241Am	Ci	4.94E+00	1.05E+00	3.88E+00
82	Americium-243	243Am	Ci	8.65E-04	1.85E-04	6.80E-04
83	Curium-242	242Cm	Ci	6.62E-03	1.41E-03	5.20E-03
84	Curium-243	243Cm	Ci	6.70E-03	1.43E-03	5.27E-03
85	Curium-244	244Cm	Ci	1.61E-01	3.43E-02	1.26E-01
97	Aluminum	7429-90-5	kg	1.98E+02	4.22E+01	1.55E+02
98	Ammonia	7664-41-7	kg	1.96E-02	4.19E-03	1.54E-02
99	Ammonium NH4	14798-03-9	kg	0.00E+00	0.00E+00	0.00E+00
100	Antimony	7440-36-0	kg	8.66E-02	1.85E-02	6.81E-02

101	Arsenic	7440-38-2	kg	1.22E-01	2.60E-02	9.57E-02
102	Barium	7440-39-3	kg	5.44E-01	1.16E-01	4.28E-01
103	Beryllium	7440-41-7	kg	8.80E-03	1.88E-03	6.92E-03
104	Bismuth	7440-69-9	kg	2.00E+01	4.26E+00	1.57E+01
105	Boron	7440-42-8	kg	3.47E-01	7.42E-02	2.73E-01
107	Cadmium	7440-43-9	kg	2.09E-01	4.46E-02	1.64E-01
108	Calcium	7440-70-2	kg	2.65E+01	5.66E+00	2.09E+01
108.5	Carbonate	CO3	kg	5.33E+01	1.14E+01	4.19E+01
109	Cerium	7440-45-1	kg	4.66E-01	9.95E-02	3.67E-01
110	Chloride	16887-00-6	kg	9.59E-01	1.94E-01	7.16E-01
111	Chromium	18540-29-9	kg	2.15E+00	4.57E-01	1.68E+00
114	Cobalt	7440-48-4	kg	3.31E-02	7.07E-03	2.60E-02
115	Copper	7440-50-8	kg	2.25E-01	4.80E-02	1.77E-01
116	Cyanide	57-12-5	kg	2.65E+00	5.66E-01	2.08E+00
119	Fluoride	16984-48-8	kg	7.96E+00	1.68E+00	6.17E+00
122	Hydroxide	OHDEMAND	kg	5.85E+02	1.25E+02	4.60E+02
123	Iron	7439-89-6	kg	8.48E+01	1.81E+01	6.67E+01
124	Lanthanum	7439-91-0	kg	2.55E-01	5.45E-02	2.01E-01
125	Lead	7439-92-1	kg	7.25E+00	1.55E+00	5.70E+00
126	Lithium	7439-93-2	kg	3.60E-02	7.68E-03	2.83E-02
127	Magnesium	7439-95-4	kg	1.12E+00	2.38E-01	8.78E-01
128	Manganese	7439-96-5	kg	1.58E+01	3.38E+00	1.24E+01
130	Mercury	7439-97-6	kg	1.06E-01	2.27E-02	8.35E-02
131	Molybdenum	7439-98-7	kg	3.13E-02	6.69E-03	2.46E-02
132	Neodymium	7440-00-8	kg	3.89E-01	8.29E-02	3.06E-01
133	Nickel	7440-02-0	kg	1.84E+01	3.93E+00	1.45E+01
135	Nitrate	14797-55-8	kg	5.93E+01	1.20E+01	4.42E+01
136	Nitrite	14797-65-0	kg	2.24E+01	4.77E+00	1.76E+01
137	Oxalate	338-70-5	kg	1.26E+01	2.68E+00	9.87E+00
138	Palladium	7440-05-3	kg	2.74E-01	5.85E-02	2.16E-01
139	Phosphate	14265-44-2	kg	9.34E+01	1.98E+01	7.29E+01
141	Potassium	7440-09-7	kg	1.36E+00	2.89E-01	1.06E+00
142	Praseodymium	7440-10-0	kg	1.77E-01	3.77E-02	1.39E-01
143	Rhodium	7440-16-6	kg	9.14E-02	1.95E-02	7.19E-02
144	Rubidium	7440-17-7	kg	5.57E-01	1.19E-01	4.38E-01
145	Ruthenium	7440-18-8	kg	2.76E-01	5.89E-02	2.17E-01
147	Selenium	7782-49-2	kg	8.50E-02	1.82E-02	6.69E-02
148	Silicon	7440-21-3	kg	2.93E+01	6.24E+00	2.30E+01
149	Silver	7440-22-4	kg	3.90E-01	8.33E-02	3.07E-01
150	Sodium	7440-23-5	kg	1.39E+02	2.92E+01	1.08E+02
151	Strontium	7440-24-6	kg	9.48E-01	1.58E-01	5.82E-01
152	Sulfate	14808-79-8	kg	6.42E+00	1.37E+00	5.05E+00
155	Tantalum	7440-25-7	kg	5.42E-02	1.16E-02	4.26E-02
156	Tellurium	13494-80-9	kg	9.80E-02	2.09E-02	7.71E-02
157	Thallium	7440-28-0	kg	1.69E-01	3.61E-02	1.33E-01
159	Thorium	7440-29-1	kg	3.72E-02	7.95E-03	2.93E-02
161	Titanium	7440-32-6	kg	8.89E-02	1.90E-02	6.99E-02
162	Tungsten	7440-33-7	kg	3.00E-01	6.41E-02	2.36E-01
163	Uranium	7440-61-1	kg	5.22E+01	1.11E+01	4.10E+01
164	Vanadium	7440-62-2	kg	2.88E-02	6.16E-03	2.27E-02
165	Vanadium pentoxide	1314-62-1	kg	0.00E+00	0.00E+00	0.00E+00
166	Yttrium	7440-65-5	kg	5.80E-02	1.24E-02	4.56E-02







Pipe System							
8.86E-04							
1.78E-04							
2.37E-06							
9.30E-06							
7.78E-07							
1.08E-04							
7.78E-08							
1.14E-02							
4.07E-05							
1.14E-02							
3.58E-05							
5.92E-06							
3.86E-14							
1.36E-07							
4.72E-06							
3.03E-07							
5.17E-08							
1.34E-02							
1.58E-10							
1.26E-02							
6.20E-03							
3.40E-07							
2.38E-05							
1.08E-05							
7.76E-10							
2.56E-10							
0.00E+00							
1.15E-12							
1.66E-15							
1.70E-08							
9.73E-15							
3.61E-11							
2.72E-12							
1.99E-06							
1.36E-07							
8.77E-08							
2.95E-08							
6.03E-06							
2.03E-06							
8.39E-05							
1.94E-04							
5.92E-04							
3.01E-09							
1.52E-05							
1.47E-09							
1.75E-09							
4.36E-02							


6.58E-02

1.97E-02								
4.80E-02								
1.05E-02								

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1.10E-01

7.33E-02								
0.00E+00								
0.00E+00								
0.00E+00								
6.27E-05								
2.91E-03								

3.13E+00

7.13E-02								
7.46E-01								
1.15E-02								

4.02E-02

2.08E+00								
2.07E-01								
0.00E+00								

2.56E-07								
4.36E-04								










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Sort Order	Constituent	Isotope/ CAS Number	Inventory Units	WMA S-SX Total Inventory	241-SX-302	Pipe System
1	Tritium	3H	Ci	2.83E-03	6.70E-04	2.16E-03
3	Carbon-14	14C	Ci	2.87E-04	1.28E-04	1.59E-04
15	Nickel-59	59Ni	Ci	4.37E-03	4.33E-03	4.41E-05
16	Nickel-63	63Ni	Ci	4.01E-01	3.97E-01	4.08E-03
17	Cobalt-60	60Co	Ci	1.95E-02	1.92E-02	3.06E-04
18	Selenium-79	79Se	Ci	8.91E-05	1.67E-05	7.24E-05
19	Strontium-90	90Sr	Ci	6.14E+02	6.13E+02	2.09E-01
20	Yttrium-90	90Y	Ci	6.14E+02	6.13E+02	2.09E-01
22	Niobium-93m	93mNb	Ci	1.31E-02	1.17E-02	1.44E-03
25	Zirconium-93	93Zr	Ci	1.51E-02	1.33E-02	1.73E-03
26	Technetium-99	99Tc	Ci	2.31E-02	5.40E-03	1.77E-02
27	Ruthenium-106	106Ru	Ci	6.07E-09	5.82E-09	2.47E-10
31	Cadmium-113m	113mCd	Ci	1.29E-02	1.14E-02	1.49E-03
34	Tin-126	126Sn	Ci	1.41E-03	1.09E-03	3.18E-04
35	Antimony-125	125Sb	Ci	6.84E-03	6.74E-03	1.01E-04
37	Iodine-129	129I	Ci	2.24E-05	5.87E-06	1.65E-05
39	Cesium-134	134Cs	Ci	1.09E-05	6.21E-06	4.69E-06
40	Barium-137m	137mBa	Ci	3.32E+01	1.33E+01	1.99E+01
41	Cesium-137	137Cs	Ci	3.52E+01	1.41E+01	2.11E+01
44	Samarium-151	151Sm	Ci	1.46E+01	1.42E+01	4.03E-01
46	Europium-152	152Eu	Ci	2.27E-03	2.23E-03	4.11E-05
47	Europium-154	154Eu	Ci	1.46E-01	1.43E-01	3.02E-03
48	Europium-155	155Eu	Ci	5.23E-02	5.12E-02	1.10E-03
58	Radium-226	226Ra	Ci	2.04E-08	1.79E-08	2.46E-09
59	Radium-228	228Ra	Ci	1.65E-06	1.46E-06	1.90E-07
60	Actinium-227	227Ac	Ci	1.31E-06	1.23E-06	7.57E-08
62	Thorium-229	229Th	Ci	5.84E-09	5.18E-09	6.56E-10
64	Thorium-232	232Th	Ci	2.08E-08	1.86E-08	2.25E-09
65	Protactinium-231	231Pa	Ci	5.71E-06	5.02E-06	6.90E-07
66	Uranium-232	232U	Ci	4.67E-06	4.67E-06	1.14E-09
67	Uranium-233	233U	Ci	2.88E-04	2.87E-04	6.90E-08
68	Uranium-234	234U	Ci	5.99E-04	5.98E-04	8.06E-07
69	Uranium-235	235U	Ci	2.50E-05	2.50E-05	3.47E-08
70	Uranium-236	236U	Ci	1.39E-05	1.39E-05	1.67E-08
71	Uranium-238	238U	Ci	5.65E-04	5.64E-04	8.21E-07
72	Neptunium-237	237Np	Ci	4.98E-04	4.81E-04	1.69E-05
74	Plutonium-238	238Pu	Ci	3.49E-02	3.49E-02	7.46E-06
75	Plutonium-239	239Pu	Ci	7.24E-01	7.24E-01	3.92E-04
76	Plutonium-240	240Pu	Ci	1.59E-01	1.59E-01	7.60E-05
77	Plutonium-241	241Pu	Ci	8.71E-01	8.71E-01	2.66E-04
78	Plutonium-242	242Pu	Ci	7.90E-06	7.90E-06	2.32E-09
80	Americium-241	241Am	Ci	6.42E-01	6.41E-01	6.37E-04
82	Americium-243	243Am	Ci	4.52E-04	4.52E-04	2.60E-07
83	Curium-242	242Cm	Ci	6.41E-04	6.40E-04	1.23E-06
84	Curium-243	243Cm	Ci	4.40E-05	4.39E-05	2.85E-08
85	Curium-244	244Cm	Ci	9.31E-04	9.30E-04	6.84E-07
97	Aluminum	7429-90-5	kg	3.22E+01	2.86E+01	3.60E+00
98	Ammonia	7664-41-7	kg	0.00E+00	0.00E+00	
99	Ammonium NH4	14798-03-9	kg	0.00E+00	0.00E+00	
100	Antimony	7440-36-0	kg	2.46E-02	2.46E-02	
101	Arsenic	7440-38-2	kg	4.83E-02	4.83E-02	
102	Barium	7440-39-3	kg	3.21E-02	3.21E-02	
103	Beryllium	7440-41-7	kg	2.72E-02	2.72E-02	
104	Bismuth	7440-69-9	kg	4.56E-02	4.45E-02	1.06E-03
105	Boron	7440-42-8	kg	1.32E-01	1.32E-01	
107	Cadmium	7440-43-9	kg	1.63E-02	1.63E-02	
108	Calcium	7440-70-2	kg	5.98E-01	5.84E-01	1.44E-02

108.5	Carbonate	CO3	kg	9.73E-01	9.73E-01	
109	Cerium	7440-45-1	kg	6.11E-02	6.11E-02	
110	Chloride	16887-00-6	kg	9.14E-01	1.78E-01	7.36E-01
111	Chromium	18540-29-9	kg	6.22E+00	5.99E+00	2.23E-01
114	Cobalt	7440-48-4	kg	1.04E-02	1.04E-02	
115	Copper	7440-50-8	kg	9.24E-03	9.24E-03	
116	Cyanide	57-12-5	kg	0.00E+00	0.00E+00	
119	Fluoride	16984-48-8	kg	3.55E-02	2.89E-02	6.54E-03
122	Hydroxide	OHDEMAND	kg	7.41E+01	7.41E+01	
123	Iron	7439-89-6	kg	4.20E+00	4.19E+00	8.27E-03
124	Lanthanum	7439-91-0	kg	1.92E-02	1.92E-02	5.38E-08
125	Lead	7439-92-1	kg	1.00E-01	9.96E-02	6.54E-04
126	Lithium	7439-93-2	kg	1.26E-02	1.26E-02	
127	Magnesium	7439-95-4	kg	1.66E-01	1.66E-01	
128	Manganese	7439-96-5	kg	1.47E+00	1.47E+00	2.54E-03
130	Mercury	7439-97-6	kg	7.86E-03	7.82E-03	3.66E-05
131	Molybdenum	7439-98-7	kg	3.86E-02	3.86E-02	
132	Neodymium	7440-00-8	kg	7.23E-02	7.23E-02	
133	Nickel	7440-02-0	kg	2.47E-01	2.38E-01	8.85E-03
135	Nitrate	14797-55-8	kg	2.81E+01	1.10E+01	1.71E+01
136	Nitrite	14797-65-0	kg	1.03E+01	1.85E+00	8.46E+00
137	Oxalate	338-70-5	kg	4.54E+00	4.54E+00	
138	Palladium	7440-05-3	kg	0.00E+00	0.00E+00	
139	Phosphate	14265-44-2	kg	1.36E+00	1.18E+00	1.83E-01
141	Potassium	7440-09-7	kg	3.64E-01	1.29E-01	2.35E-01
142	Praseodymium	7440-10-0	kg	0.00E+00	0.00E+00	
143	Rhodium	7440-16-6	kg	7.98E-06	7.98E-06	
144	Rubidium	7440-17-7	kg	0.00E+00	0.00E+00	
145	Ruthenium	7440-18-8	kg	8.53E-05	8.53E-05	
147	Selenium	7782-49-2	kg	3.67E-03	3.67E-03	
148	Silicon	7440-21-3	kg	2.60E+00	2.58E+00	2.45E-02
149	Silver	7440-22-4	kg	1.32E-02	1.32E-02	
150	Sodium	7440-23-5	kg	3.22E+01	1.32E+01	1.90E+01
151	Strontium	7440-24-6	kg	9.36E-02	9.36E-02	1.08E-05
152	Sulfate	14808-79-8	kg	8.79E-01	5.41E-01	3.38E-01
155	Tantalum	7440-25-7	kg	0.00E+00	0.00E+00	
156	Tellurium	13494-80-9	kg	0.00E+00	0.00E+00	
157	Thallium	7440-28-0	kg	0.00E+00	0.00E+00	
159	Thorium	7440-29-1	kg	2.08E-05	2.75E-07	2.05E-05
161	Titanium	7440-32-6	kg	1.32E-02	1.32E-02	
162	Tungsten	7440-33-7	kg	0.00E+00	0.00E+00	
163	Uranium	7440-61-1	kg	1.69E+00	1.69E+00	2.47E-03
164	Vanadium	7440-62-2	kg	2.78E-02	2.78E-02	
165	Vanadium pentoxide	1314-62-1	kg	0.00E+00	0.00E+00	
166	Yttrium	7440-65-5	kg	1.22E-04	1.22E-04	
167	Zinc	7440-66-6	kg	3.44E-02	3.44E-02	
168	Zirconium	7440-67-7	kg	4.79E-02	4.79E-02	3.86E-05
174	1, 1, 2-Trichloroethylene	79-01-6	kg	0.00E+00	0.00E+00	
222	Acetate C2H3O2-	71-50-1	kg	0.00E+00	0.00E+00	
230	Benzene	71-43-2	kg	0.00E+00	0.00E+00	
232	Benzyl alcohol	100-51-6	kg	0.00E+00	0.00E+00	
244	Chloroform	67-66-3	kg	0.00E+00	0.00E+00	
257	Dichloromethane (methylene chloride)	75-09-2	kg	0.00E+00	0.00E+00	
259	Diethyl ether	60-29-7	kg	0.00E+00	0.00E+00	
294	Nitrobenzene	98-95-3	kg	0.00E+00	0.00E+00	
318	Pyridine	110-86-1	kg	0.00E+00	0.00E+00	
320	Tetrachloroethylene	127-18-4	kg	0.00E+00	0.00E+00	
322	Tetrahydrofuran	109-99-9	kg	0.00E+00	0.00E+00	

326 Tributyl phosphate

126-73-8

kg

0.00E+00

0.00E+00



















Sort Order	Constituent	Isotope/ CAS Number	Inventory Units	WMA T Total Inventory	241-T-301B
1	Tritium	3H	Ci	9.41E-04	9.41E-04
3	Carbon-14	14C	Ci	1.60E-04	1.60E-04
15	Nickel-59	59Ni	Ci	1.20E-03	1.20E-03
16	Nickel-63	63Ni	Ci	1.14E-01	1.14E-01
17	Cobalt-60	60Co	Ci	4.79E-03	4.79E-03
18	Selenium-79	79Se	Ci	3.50E-06	3.50E-06
19	Strontium-90	90Sr	Ci	1.91E+01	1.91E+01
20	Yttrium-90	90Y	Ci	1.91E+01	1.91E+01
22	Niobium-93m	93mNb	Ci	9.80E-04	9.80E-04
25	Zirconium-93	93Zr	Ci	1.14E-03	1.14E-03
26	Technetium-99	99Tc	Ci	6.58E-03	6.58E-03
27	Ruthenium-106	106Ru	Ci	1.70E-10	1.70E-10
31	Cadmium-113m	113mCd	Ci	7.50E-04	7.50E-04
34	Tin-126	126Sn	Ci	5.46E-05	5.46E-05
35	Antimony-125	125Sb	Ci	9.98E-04	9.98E-04
37	Iodine-129	129I	Ci	1.85E-06	1.85E-06
39	Cesium-134	134Cs	Ci	8.39E-07	8.39E-07
40	Barium-137m	137mBa	Ci	3.39E+00	3.39E+00
41	Cesium-137	137Cs	Ci	3.59E+00	3.59E+00
44	Samarium-151	151Sm	Ci	4.21E-01	4.21E-01
46	Europium-152	152Eu	Ci	5.75E-05	5.75E-05
47	Europium-154	154Eu	Ci	1.27E-02	1.27E-02
48	Europium-155	155Eu	Ci	6.26E-03	6.26E-03
58	Radium-226	226Ra	Ci	7.78E-09	7.78E-09
59	Radium-228	228Ra	Ci	5.44E-06	5.44E-06
60	Actinium-227	227Ac	Ci	1.67E-06	1.67E-06
62	Thorium-229	229Th	Ci	8.15E-06	8.15E-06
64	Thorium-232	232Th	Ci	2.45E-05	2.45E-05
65	Protactinium-231	231Pa	Ci	7.28E-07	7.28E-07
66	Uranium-232	232U	Ci	1.05E-05	1.05E-05
67	Uranium-233	233U	Ci	6.46E-04	6.46E-04
68	Uranium-234	234U	Ci	1.63E-03	1.63E-03
69	Uranium-235	235U	Ci	6.87E-05	6.87E-05
70	Uranium-236	236U	Ci	2.74E-05	2.74E-05
71	Uranium-238	238U	Ci	1.51E-03	1.51E-03
72	Neptunium-237	237Np	Ci	3.82E-05	3.82E-05
74	Plutonium-238	238Pu	Ci	3.28E-03	3.28E-03
75	Plutonium-239	239Pu	Ci	1.85E-01	1.85E-01
76	Plutonium-240	240Pu	Ci	2.49E-02	2.49E-02
77	Plutonium-241	241Pu	Ci	8.38E-02	8.38E-02
78	Plutonium-242	242Pu	Ci	7.76E-07	7.76E-07
80	Americium-241	241Am	Ci	4.14E-02	4.14E-02
82	Americium-243	243Am	Ci	6.68E-06	6.68E-06
83	Curium-242	242Cm	Ci	8.47E-06	8.47E-06
84	Curium-243	243Cm	Ci	2.13E-07	2.13E-07
85	Curium-244	244Cm	Ci	4.93E-06	4.93E-06
97	Aluminum	7429-90-5	kg	3.23E+01	3.23E+01
98	Ammonia	7664-41-7	kg	0.00E+00	0.00E+00
99	Ammonium NH4	14798-03-9	kg	0.00E+00	0.00E+00
100	Antimony	7440-36-0	kg	2.87E-02	2.87E-02
101	Arsenic	7440-38-2	kg	2.78E-03	2.78E-03
102	Barium	7440-39-3	kg	3.67E-02	3.67E-02
103	Beryllium	7440-41-7	kg	1.13E-02	1.13E-02
104	Bismuth	7440-69-9	kg	1.85E+01	1.85E+01
105	Boron	7440-42-8	kg	1.05E-02	1.05E-02
107	Cadmium	7440-43-9	kg	1.33E-02	1.33E-02
108	Calcium	7440-70-2	kg	1.74E+00	1.74E+00

108.5	Carbonate	CO3	kg	1.64E+01	1.64E+01
109	Cerium	7440-45-1	kg	4.65E-02	4.65E-02
110	Chloride	16887-00-6	kg	1.40E-01	1.40E-01
111	Chromium	18540-29-9	kg	1.08E+00	1.08E+00
114	Cobalt	7440-48-4	kg	2.33E-03	2.33E-03
115	Copper	7440-50-8	kg	3.42E-02	3.42E-02
116	Cyanide	57-12-5	kg	7.41E-03	7.41E-03
119	Fluoride	16984-48-8	kg	4.40E+00	4.40E+00
122	Hydroxide	OHDEMAND	kg	9.17E+01	9.17E+01
123	Iron	7439-89-6	kg	1.87E+01	1.87E+01
124	Lanthanum	7439-91-0	kg	1.51E+00	1.51E+00
125	Lead	7439-92-1	kg	1.47E+00	1.47E+00
126	Lithium	7439-93-2	kg	5.75E-03	5.75E-03
127	Magnesium	7439-95-4	kg	1.39E-01	1.39E-01
128	Manganese	7439-96-5	kg	3.08E+00	3.08E+00
130	Mercury	7439-97-6	kg	3.32E-03	3.32E-03
131	Molybdenum	7439-98-7	kg	6.58E-03	6.58E-03
132	Neodymium	7440-00-8	kg	1.18E-02	1.18E-02
133	Nickel	7440-02-0	kg	1.17E-01	1.17E-01
135	Nitrate	14797-55-8	kg	2.19E+01	2.19E+01
136	Nitrite	14797-65-0	kg	3.67E+00	3.67E+00
137	Oxalate	338-70-5	kg	1.07E+00	1.07E+00
138	Palladium	7440-05-3	kg	0.00E+00	0.00E+00
139	Phosphate	14265-44-2	kg	3.01E+01	3.01E+01
141	Potassium	7440-09-7	kg	4.55E-01	4.55E-01
142	Praseodymium	7440-10-0	kg	0.00E+00	0.00E+00
143	Rhodium	7440-16-6	kg	0.00E+00	0.00E+00
144	Rubidium	7440-17-7	kg	0.00E+00	0.00E+00
145	Ruthenium	7440-18-8	kg	0.00E+00	0.00E+00
147	Selenium	7782-49-2	kg	1.29E-02	1.29E-02
148	Silicon	7440-21-3	kg	5.80E+00	5.80E+00
149	Silver	7440-22-4	kg	1.66E-02	1.66E-02
150	Sodium	7440-23-5	kg	3.82E+01	3.82E+01
151	Strontium	7440-24-6	kg	1.79E-01	1.79E-01
152	Sulfate	14808-79-8	kg	2.27E+00	2.27E+00
155	Tantalum	7440-25-7	kg	0.00E+00	0.00E+00
156	Tellurium	13494-80-9	kg	0.00E+00	0.00E+00
157	Thallium	7440-28-0	kg	1.82E-02	1.82E-02
159	Thorium	7440-29-1	kg	1.15E-04	1.15E-04
161	Titanium	7440-32-6	kg	1.27E-02	1.27E-02
162	Tungsten	7440-33-7	kg	0.00E+00	0.00E+00
163	Uranium	7440-61-1	kg	4.52E+00	4.52E+00
164	Vanadium	7440-62-2	kg	8.06E-03	8.06E-03
165	Vanadium pentoxide	1314-62-1	kg	0.00E+00	0.00E+00
166	Yttrium	7440-65-5	kg	0.00E+00	0.00E+00
167	Zinc	7440-66-6	kg	9.92E-02	9.92E-02
168	Zirconium	7440-67-7	kg	3.50E-02	3.50E-02
174	1, 1, 2-Trichloroethylene	79-01-6	kg	0.00E+00	0.00E+00
222	Acetate C2H3O2-	71-50-1	kg	0.00E+00	0.00E+00
230	Benzene	71-43-2	kg	0.00E+00	0.00E+00
232	Benzyl alcohol	100-51-6	kg	0.00E+00	0.00E+00
244	Chloroform	67-66-3	kg	0.00E+00	0.00E+00
257	Dichloromethane (methylene chloride)	75-09-2	kg	0.00E+00	0.00E+00
259	Diethyl ether	60-29-7	kg	0.00E+00	0.00E+00
294	Nitrobenzene	98-95-3	kg	0.00E+00	0.00E+00
318	Pyridine	110-86-1	kg	0.00E+00	0.00E+00
320	Tetrachloroethylene	127-18-4	kg	0.00E+00	0.00E+00
322	Tetrahydrofuran	109-99-9	kg	0.00E+00	0.00E+00

326 Tributyl phosphate

126-73-8

kg

0.00E+00

0.00E+00



























































































































































































Sort Order	Constituent	Isotope/ CAS Number	Inventory Units	WMA TX-TY Total Inventory	241-TX-302A	241-TX-302XB
1	Tritium	3H	Ci	1.32E-02	8.98E-04	8.98E-04
3	Carbon-14	14C	Ci	2.62E-03	3.13E-04	3.13E-04
15	Nickel-59	59Ni	Ci	8.82E-02	1.34E-02	1.34E-02
16	Nickel-63	63Ni	Ci	8.27E+00	1.26E+00	1.26E+00
17	Cobalt-60	60Co	Ci	2.01E-01	3.18E-02	3.18E-02
18	Selenium-79	79Se	Ci	1.64E-04	2.20E-05	2.20E-05
19	Strontium-90	90Sr	Ci	3.99E+02	5.23E+01	5.23E+01
20	Yttrium-90	90Y	Ci	3.99E+02	5.23E+01	5.23E+01
22	Niobium-93m	93mNb	Ci	1.28E-01	1.83E-02	1.83E-02
25	Zirconium-93	93Zr	Ci	1.24E-01	1.77E-02	1.77E-02
26	Technetium-99	99Tc	Ci	4.64E-01	7.18E-02	7.18E-02
27	Ruthenium-106	106Ru	Ci	3.28E-08	5.01E-09	5.01E-09
31	Cadmium-113m	113mCd	Ci	5.62E-02	8.39E-03	8.39E-03
34	Tin-126	126Sn	Ci	9.92E-03	1.51E-03	1.51E-03
35	Antimony-125	125Sb	Ci	1.56E-02	2.38E-03	2.38E-03
37	Iodine-129	129I	Ci	4.76E-05	5.56E-06	5.56E-06
39	Cesium-134	134Cs	Ci	1.24E-04	1.87E-05	1.87E-05
40	Barium-137m	137mBa	Ci	2.28E+02	3.16E+01	3.16E+01
41	Cesium-137	137Cs	Ci	2.41E+02	3.34E+01	3.34E+01
44	Samarium-151	151Sm	Ci	8.22E+01	1.25E+01	1.25E+01
46	Europium-152	152Eu	Ci	1.32E-02	2.02E-03	2.02E-03
47	Europium-154	154Eu	Ci	8.56E-01	1.30E-01	1.30E-01
48	Europium-155	155Eu	Ci	3.39E-01	5.16E-02	5.16E-02
58	Radium-226	226Ra	Ci	2.35E-07	3.44E-08	3.44E-08
59	Radium-228	228Ra	Ci	1.69E-05	2.58E-06	2.58E-06
60	Actinium-227	227Ac	Ci	1.95E-05	2.94E-06	2.94E-06
62	Thorium-229	229Th	Ci	8.36E-08	1.28E-08	1.28E-08
64	Thorium-232	232Th	Ci	3.01E-07	4.60E-08	4.60E-08
65	Protactinium-231	231Pa	Ci	9.04E-05	1.40E-05	1.40E-05
66	Uranium-232	232U	Ci	1.76E-04	2.51E-05	2.51E-05
67	Uranium-233	233U	Ci	1.08E-02	1.54E-03	1.54E-03
68	Uranium-234	234U	Ci	1.16E-02	1.41E-03	1.41E-03
69	Uranium-235	235U	Ci	5.06E-04	6.08E-05	6.08E-05
70	Uranium-236	236U	Ci	1.87E-04	2.43E-05	2.43E-05
71	Uranium-238	238U	Ci	1.15E-02	1.38E-03	1.38E-03
72	Neptunium-237	237Np	Ci	3.45E-03	5.14E-04	5.14E-04
74	Plutonium-238	238Pu	Ci	1.42E-01	2.25E-02	2.25E-02
75	Plutonium-239	239Pu	Ci	4.18E+00	6.53E-01	6.53E-01
76	Plutonium-240	240Pu	Ci	8.61E-01	1.36E-01	1.36E-01
77	Plutonium-241	241Pu	Ci	6.01E+00	9.51E-01	9.51E-01
78	Plutonium-242	242Pu	Ci	5.56E-05	8.80E-06	8.80E-06
80	Americium-241	241Am	Ci	7.03E+00	1.11E+00	1.11E+00
82	Americium-243	243Am	Ci	3.76E-03	5.96E-04	5.96E-04
83	Curium-242	242Cm	Ci	2.96E-03	4.69E-04	4.69E-04
84	Curium-243	243Cm	Ci	1.06E-04	1.68E-05	1.68E-05
85	Curium-244	244Cm	Ci	2.45E-03	3.89E-04	3.89E-04
97	Aluminum	7429-90-5	kg	1.72E+02	2.56E+01	2.56E+01
98	Ammonia	7664-41-7	kg	0.00E+00	0.00E+00	0.00E+00
99	Ammonium NH4	14798-03-9	kg	0.00E+00	0.00E+00	0.00E+00
100	Antimony	7440-36-0	kg	1.77E-02	2.70E-03	2.70E-03
101	Arsenic	7440-38-2	kg	3.26E-02	4.98E-03	4.98E-03
102	Barium	7440-39-3	kg	2.22E-01	2.49E-03	2.49E-03
103	Beryllium	7440-41-7	kg	1.63E-03	2.49E-04	2.49E-04
104	Bismuth	7440-69-9	kg	2.55E+01	2.49E+00	2.49E+00
105	Boron	7440-42-8	kg	6.17E-02	9.44E-03	9.44E-03
107	Cadmium	7440-43-9	kg	4.27E-03	1.63E-04	1.63E-04
108	Calcium	7440-70-2	kg	9.78E+00	5.53E-01	5.53E-01

108.5	Carbonate	CO3	kg	1.13E+02	1.26E+01	1.26E+01
109	Cerium	7440-45-1	kg	3.26E-02	4.98E-03	4.98E-03
110	Chloride	16887-00-6	kg	2.34E+00	2.13E-01	2.13E-01
111	Chromium	18540-29-9	kg	9.90E+00	1.38E+00	1.38E+00
114	Cobalt	7440-48-4	kg	5.89E-03	8.90E-04	8.90E-04
115	Copper	7440-50-8	kg	7.33E-03	8.96E-04	8.96E-04
116	Cyanide	57-12-5	kg	3.72E-03	0.00E+00	0.00E+00
119	Fluoride	16984-48-8	kg	2.31E+00	3.26E-01	3.26E-01
122	Hydroxide	OHDEMAND	kg	4.49E+02	6.15E+01	6.15E+01
123	Iron	7439-89-6	kg	4.28E+01	3.73E+00	3.73E+00
124	Lanthanum	7439-91-0	kg	1.10E-01	1.28E-02	1.28E-02
125	Lead	7439-92-1	kg	1.69E+00	2.15E-01	2.15E-01
126	Lithium	7439-93-2	kg	3.26E-03	4.98E-04	4.98E-04
127	Magnesium	7439-95-4	kg	2.11E-01	1.62E-02	1.62E-02
128	Manganese	7439-96-5	kg	5.60E+00	8.33E-01	8.33E-01
130	Mercury	7439-97-6	kg	6.03E-02	3.63E-03	3.63E-03
131	Molybdenum	7439-98-7	kg	1.77E-02	2.71E-03	2.71E-03
132	Neodymium	7440-00-8	kg	3.27E-02	4.98E-03	4.98E-03
133	Nickel	7440-02-0	kg	1.51E+00	7.07E-02	7.07E-02
135	Nitrate	14797-55-8	kg	2.14E+02	2.43E+01	2.43E+01
136	Nitrite	14797-65-0	kg	2.33E+01	2.03E+00	2.03E+00
137	Oxalate	338-70-5	kg	2.62E+01	4.10E+00	4.10E+00
138	Palladium	7440-05-3	kg	0.00E+00	0.00E+00	0.00E+00
139	Phosphate	14265-44-2	kg	1.11E+02	9.99E+00	9.99E+00
141	Potassium	7440-09-7	kg	1.29E+00	1.48E-01	1.48E-01
142	Praseodymium	7440-10-0	kg	0.00E+00	0.00E+00	0.00E+00
143	Rhodium	7440-16-6	kg	0.00E+00	0.00E+00	0.00E+00
144	Rubidium	7440-17-7	kg	0.00E+00	0.00E+00	0.00E+00
145	Ruthenium	7440-18-8	kg	0.00E+00	0.00E+00	0.00E+00
147	Selenium	7782-49-2	kg	4.40E-03	6.79E-04	6.79E-04
148	Silicon	7440-21-3	kg	3.13E+01	2.73E+00	2.73E+00
149	Silver	7440-22-4	kg	9.25E-03	1.05E-03	1.05E-03
150	Sodium	7440-23-5	kg	2.69E+02	3.26E+01	3.26E+01
151	Strontium	7440-24-6	kg	3.96E-01	2.57E-02	2.57E-02
152	Sulfate	14808-79-8	kg	2.20E+01	3.12E+00	3.12E+00
155	Tantalum	7440-25-7	kg	0.00E+00	0.00E+00	0.00E+00
156	Tellurium	13494-80-9	kg	0.00E+00	0.00E+00	0.00E+00
157	Thallium	7440-28-0	kg	2.43E-03	0.00E+00	0.00E+00
159	Thorium	7440-29-1	kg	5.40E-06	8.26E-07	8.26E-07
161	Titanium	7440-32-6	kg	2.33E-02	1.93E-03	1.93E-03
162	Tungsten	7440-33-7	kg	0.00E+00	0.00E+00	0.00E+00
163	Uranium	7440-61-1	kg	3.44E+01	4.13E+00	4.13E+00
164	Vanadium	7440-62-2	kg	1.66E-02	2.49E-03	2.49E-03
165	Vanadium pentoxide	1314-62-1	kg	0.00E+00	0.00E+00	0.00E+00
166	Yttrium	7440-65-5	kg	1.65E-04	0.00E+00	0.00E+00
167	Zinc	7440-66-6	kg	3.39E-02	4.63E-03	4.63E-03
168	Zirconium	7440-67-7	kg	3.36E-01	3.79E-02	3.79E-02
174	1, 1, 2-Trichloroethylene	79-01-6	kg	0.00E+00	0.00E+00	0.00E+00
222	Acetate C2H3O2-	71-50-1	kg	0.00E+00	0.00E+00	0.00E+00
230	Benzene	71-43-2	kg	0.00E+00	0.00E+00	0.00E+00
232	Benzyl alcohol	100-51-6	kg	0.00E+00	0.00E+00	0.00E+00
244	Chloroform	67-66-3	kg	0.00E+00	0.00E+00	0.00E+00
257	Dichloromethane (methylene chloride)	75-09-2	kg	0.00E+00	0.00E+00	0.00E+00
259	Diethyl ether	60-29-7	kg	0.00E+00	0.00E+00	0.00E+00
294	Nitrobenzene	98-95-3	kg	0.00E+00	0.00E+00	0.00E+00
318	Pyridine	110-86-1	kg	0.00E+00	0.00E+00	0.00E+00
320	Tetrachloroethylene	127-18-4	kg	0.00E+00	0.00E+00	0.00E+00
322	Tetrahydrofuran	109-99-9	kg	0.00E+00	0.00E+00	0.00E+00

326 Tributyl phosphate

126-73-8

kg

0.00E+00

0.00E+00

0.00E+00

241-TY-302A	241-TY-302B	244-TXR-Vault	Pipe System
1.18E-04	9.44E-05	3.86E-03	7.33E-03
1.42E-04	1.14E-04	1.34E-03	4.00E-04
2.02E-03	1.61E-03	5.77E-02	4.71E-05
1.89E-01	1.51E-01	5.41E+00	4.25E-03
5.39E-05	4.32E-05	1.37E-01	5.40E-04
3.85E-06	3.08E-06	9.45E-05	1.85E-05
3.83E+01	3.06E+01	2.25E+02	6.57E-01
3.83E+01	3.06E+01	2.25E+02	6.57E-01
6.69E-03	5.35E-03	7.87E-02	9.53E-04
6.52E-03	5.21E-03	7.60E-02	1.11E-03
2.31E-03	1.84E-03	3.09E-01	7.03E-03
6.98E-10	5.58E-10	2.15E-08	1.48E-11
1.46E-03	1.17E-03	3.61E-02	7.61E-04
1.82E-04	1.46E-04	6.50E-03	7.50E-05
2.87E-04	2.29E-04	1.02E-02	4.71E-05
7.13E-07	5.70E-07	2.39E-05	1.13E-05
2.63E-06	2.11E-06	8.06E-05	1.05E-06
5.38E+00	4.30E+00	1.36E+02	1.88E+01
5.68E+00	4.55E+00	1.44E+02	1.99E+01
1.60E+00	1.28E+00	5.36E+01	7.78E-01
2.51E-04	2.01E-04	8.67E-03	7.88E-05
1.69E-02	1.36E-02	5.60E-01	5.33E-03
6.41E-03	5.13E-03	2.22E-01	2.19E-03
9.60E-09	7.68E-09	1.48E-07	1.06E-09
3.40E-07	2.72E-07	1.11E-05	5.98E-15
5.26E-07	4.21E-07	1.26E-05	4.56E-09
1.70E-09	1.36E-09	5.49E-08	2.24E-11
6.12E-09	4.89E-09	1.98E-07	6.42E-15
1.37E-06	1.09E-06	6.00E-05	6.77E-09
1.00E-05	8.00E-06	1.08E-04	1.09E-10
6.13E-04	4.91E-04	6.63E-03	5.36E-10
1.54E-03	1.23E-03	6.05E-03	2.68E-06
6.82E-05	5.46E-05	2.62E-04	1.15E-07
1.85E-05	1.48E-05	1.05E-04	5.54E-08
1.54E-03	1.23E-03	5.93E-03	2.74E-06
8.69E-05	6.95E-05	2.21E-03	5.12E-05
2.51E-04	2.01E-04	9.67E-02	2.57E-05
3.40E-02	2.72E-02	2.81E+00	1.35E-03
3.24E-03	2.59E-03	5.84E-01	2.63E-04
7.73E-03	6.18E-03	4.09E+00	9.14E-04
6.11E-08	4.89E-08	3.78E-05	7.98E-09
1.15E-02	9.19E-03	4.78E+00	1.78E-03
1.57E-06	1.25E-06	2.56E-03	6.52E-07
2.40E-06	1.92E-06	2.02E-03	2.89E-06
5.39E-08	4.31E-08	7.22E-05	5.17E-08
1.24E-06	9.95E-07	1.67E-03	1.28E-06
2.27E+00	1.81E+00	1.10E+02	6.07E+00
0.00E+00	0.00E+00	0.00E+00	
0.00E+00	0.00E+00	0.00E+00	
4.05E-04	3.24E-04	1.16E-02	
6.76E-04	5.40E-04	2.14E-02	
1.15E-01	9.17E-02	1.07E-02	
3.38E-05	2.70E-05	1.07E-03	
5.46E+00	4.37E+00	1.07E+01	0.00E+00
1.23E-03	9.85E-04	4.06E-02	
1.80E-03	1.44E-03	7.03E-04	
3.48E+00	2.78E+00	2.38E+00	3.98E-02



0.00E+00 0.00E+00 0.00E+00

Sort Order	Constituent	Isotope/ CAS Number	Inventory Units	WMA U Total Inventory	244-U-DCR	244-UR Vault
1	Tritium	3H	Ci	2.09E-02	1.68E-03	6.95E-03
3	Carbon-14	14C	Ci	1.07E-02	3.43E-04	1.42E-03
15	Nickel-59	59Ni	Ci	2.82E-02	5.39E-03	2.23E-02
16	Nickel-63	63Ni	Ci	2.59E+00	5.00E-01	2.07E+00
17	Cobalt-60	60Co	Ci	1.55E-01	2.99E-02	1.24E-01
18	Selenium-79	79Se	Ci	9.32E-03	4.17E-05	1.72E-04
19	Strontium-90	90Sr	Ci	6.38E+02	1.24E+02	5.13E+02
20	Yttrium-90	90Y	Ci	6.59E+02	1.24E+02	5.13E+02
22	Niobium-93m	93mNb	Ci	1.37E-01	2.50E-02	1.03E-01
25	Zirconium-93	93Zr	Ci	2.07E+01	2.90E-02	1.20E-01
26	Technetium-99	99Tc	Ci	4.87E-01	7.51E-02	3.10E-01
27	Ruthenium-106	106Ru	Ci	5.70E-03	1.14E-08	4.71E-08
31	Cadmium-113m	113mCd	Ci	9.11E-02	1.61E-02	6.65E-02
34	Tin-126	126Sn	Ci	1.28E-02	2.14E-03	8.86E-03
35	Antimony-125	125Sb	Ci	3.11E-02	5.85E-03	2.42E-02
37	Iodine-129	129I	Ci	2.03E-04	1.03E-05	4.25E-05
39	Cesium-134	134Cs	Ci	1.33E-04	1.92E-05	7.92E-05
40	Barium-137m	137mBa	Ci	3.25E+02	3.82E+01	1.58E+02
41	Cesium-137	137Cs	Ci	3.28E+02	4.04E+01	1.67E+02
44	Samarium-151	151Sm	Ci	1.01E+02	1.64E+01	6.79E+01
46	Europium-152	152Eu	Ci	5.85E-01	2.61E-03	1.08E-02
47	Europium-154	154Eu	Ci	2.16E+00	4.18E-01	1.72E+00
48	Europium-155	155Eu	Ci	9.69E-01	1.87E-01	7.72E-01
58	Radium-226	226Ra	Ci	1.49E-03	3.21E-08	1.33E-07
59	Radium-228	228Ra	Ci	1.57E-05	2.83E-06	1.17E-05
60	Actinium-227	227Ac	Ci	1.41E-05	2.65E-06	1.10E-05
62	Thorium-229	229Th	Ci	6.96E-08	1.28E-08	5.30E-08
64	Thorium-232	232Th	Ci	9.20E-06	1.79E-06	7.40E-06
65	Protactinium-231	231Pa	Ci	7.41E-05	1.37E-05	5.65E-05
66	Uranium-232	232U	Ci	4.12E-05	8.04E-06	3.32E-05
67	Uranium-233	233U	Ci	2.54E-03	4.95E-04	2.04E-03
68	Uranium-234	234U	Ci	5.68E-03	1.11E-03	4.57E-03
69	Uranium-235	235U	Ci	2.40E-04	4.67E-05	1.93E-04
70	Uranium-236	236U	Ci	6.25E-03	2.42E-05	9.98E-05
71	Uranium-238	238U	Ci	5.51E-03	1.07E-03	4.40E-03
72	Neptunium-237	237Np	Ci	4.85E-03	8.74E-04	3.61E-03
74	Plutonium-238	238Pu	Ci	4.12E-02	8.00E-03	3.30E-02
75	Plutonium-239	239Pu	Ci	1.35E+00	2.63E-01	1.09E+00
76	Plutonium-240	240Pu	Ci	2.89E-01	5.50E-02	2.27E-01
77	Plutonium-241	241Pu	Ci	1.62E+00	3.15E-01	1.30E+00
78	Plutonium-242	242Pu	Ci	4.28E-03	2.99E-06	1.24E-05
80	Americium-241	241Am	Ci	2.56E+00	4.97E-01	2.05E+00
82	Americium-243	243Am	Ci	1.46E-03	2.84E-04	1.17E-03
83	Curium-242	242Cm	Ci	5.89E-03	3.21E-04	1.33E-03
84	Curium-243	243Cm	Ci	5.58E-05	1.08E-05	4.48E-05
85	Curium-244	244Cm	Ci	1.30E-03	2.53E-04	1.05E-03
97	Aluminum	7429-90-5	kg	1.88E+02	3.16E+01	1.30E+02
98	Ammonia	7664-41-7	kg	6.56E-01	1.28E-01	5.28E-01
99	Ammonium NH4	14798-03-9	kg	0.00E+00	0.00E+00	0.00E+00
100	Antimony	7440-36-0	kg	1.29E-01	2.51E-02	1.04E-01
101	Arsenic	7440-38-2	kg	3.11E-01	6.06E-02	2.50E-01
102	Barium	7440-39-3	kg	1.62E-01	3.16E-02	1.31E-01
103	Beryllium	7440-41-7	kg	1.55E-02	3.02E-03	1.25E-02
104	Bismuth	7440-69-9	kg	5.04E+00	9.80E-01	4.05E+00
105	Boron	7440-42-8	kg	8.75E-01	1.71E-01	7.05E-01
107	Cadmium	7440-43-9	kg	2.91E-02	5.67E-03	2.34E-02
108	Calcium	7440-70-2	kg	3.56E+00	6.05E-01	2.50E+00

108.5	Carbonate	CO3	kg	1.22E+01	2.38E+00	9.83E+00
109	Cerium	7440-45-1	kg	4.64E-01	9.05E-02	3.74E-01
110	Chloride	16887-00-6	kg	5.90E+00	2.31E-01	9.55E-01
111	Chromium	18540-29-9	kg	3.17E+01	5.71E+00	2.36E+01
114	Cobalt	7440-48-4	kg	6.75E-02	1.32E-02	5.43E-02
115	Copper	7440-50-8	kg	9.64E-02	1.88E-02	7.76E-02
116	Cyanide	57-12-5	kg	5.84E-02	1.14E-02	4.70E-02
119	Fluoride	16984-48-8	kg	1.20E+00	2.26E-01	9.35E-01
122	Hydroxide	OHDEMAND	kg	4.03E+02	7.85E+01	3.24E+02
123	Iron	7439-89-6	kg	2.38E+01	4.45E+00	1.84E+01
124	Lanthanum	7439-91-0	kg	1.15E-01	2.24E-02	9.27E-02
125	Lead	7439-92-1	kg	2.33E+00	4.53E-01	1.87E+00
126	Lithium	7439-93-2	kg	6.42E-02	1.25E-02	5.17E-02
127	Magnesium	7439-95-4	kg	5.70E-01	1.11E-01	4.59E-01
128	Manganese	7439-96-5	kg	7.18E+00	1.38E+00	5.71E+00
130	Mercury	7439-97-6	kg	2.17E-02	3.46E-03	1.43E-02
131	Molybdenum	7439-98-7	kg	2.31E-01	4.50E-02	1.86E-01
132	Neodymium	7440-00-8	kg	5.81E-01	1.13E-01	4.68E-01
133	Nickel	7440-02-0	kg	1.15E+00	2.02E-01	8.35E-01
135	Nitrate	14797-55-8	kg	2.04E+02	1.66E+01	6.84E+01
136	Nitrite	14797-65-0	kg	7.07E+01	3.15E+00	1.30E+01
137	Oxalate	338-70-5	kg	3.80E+01	7.40E+00	3.06E+01
138	Palladium	7440-05-3	kg	0.00E+00	0.00E+00	0.00E+00
139	Phosphate	14265-44-2	kg	3.80E+01	6.30E+00	2.60E+01
141	Potassium	7440-09-7	kg	2.59E+00	2.12E-01	8.74E-01
142	Praseodymium	7440-10-0	kg	0.00E+00	0.00E+00	0.00E+00
143	Rhodium	7440-16-6	kg	0.00E+00	0.00E+00	0.00E+00
144	Rubidium	7440-17-7	kg	0.00E+00	0.00E+00	0.00E+00
145	Ruthenium	7440-18-8	kg	0.00E+00	0.00E+00	0.00E+00
147	Selenium	7782-49-2	kg	2.07E-02	4.03E-03	1.66E-02
148	Silicon	7440-21-3	kg	1.53E+01	2.95E+00	1.22E+01
149	Silver	7440-22-4	kg	1.20E-01	2.34E-02	9.66E-02
150	Sodium	7440-23-5	kg	2.84E+02	2.81E+01	1.16E+02
151	Strontium	7440-24-6	kg	5.58E+00	7.01E-02	2.90E-01
152	Sulfate	14808-79-8	kg	1.12E+01	1.81E+00	7.49E+00
155	Tantalum	7440-25-7	kg	0.00E+00	0.00E+00	0.00E+00
156	Tellurium	13494-80-9	kg	0.00E+00	0.00E+00	0.00E+00
157	Thallium	7440-28-0	kg	4.61E-01	8.98E-02	3.71E-01
159	Thorium	7440-29-1	kg	5.37E-04	5.92E-07	2.44E-06
161	Titanium	7440-32-6	kg	4.06E-02	7.91E-03	3.27E-02
162	Tungsten	7440-33-7	kg	0.00E+00	0.00E+00	0.00E+00
163	Uranium	7440-61-1	kg	1.64E+01	3.19E+00	1.32E+01
164	Vanadium	7440-62-2	kg	1.65E-01	3.21E-02	1.33E-01
165	Vanadium pentoxide	1314-62-1	kg	0.00E+00	0.00E+00	0.00E+00
166	Yttrium	7440-65-5	kg	2.12E-04	4.13E-05	1.71E-04
167	Zinc	7440-66-6	kg	2.74E-01	5.35E-02	2.21E-01
168	Zirconium	7440-67-7	kg	1.91E+01	6.25E-02	2.58E-01
174	1, 1, 2-Trichloroethylene	79-01-6	kg	0.00E+00	0.00E+00	0.00E+00
222	Acetate C2H3O2-	71-50-1	kg	0.00E+00	0.00E+00	0.00E+00
230	Benzene	71-43-2	kg	0.00E+00	0.00E+00	0.00E+00
232	Benzyl alcohol	100-51-6	kg	0.00E+00	0.00E+00	0.00E+00
244	Chloroform	67-66-3	kg	0.00E+00	0.00E+00	0.00E+00
257	Dichloromethane (methylene chloride)	75-09-2	kg	0.00E+00	0.00E+00	0.00E+00
259	Diethyl ether	60-29-7	kg	0.00E+00	0.00E+00	0.00E+00
294	Nitrobenzene	98-95-3	kg	0.00E+00	0.00E+00	0.00E+00
318	Pyridine	110-86-1	kg	0.00E+00	0.00E+00	0.00E+00
320	Tetrachloroethylene	127-18-4	kg	0.00E+00	0.00E+00	0.00E+00
322	Tetrahydrofuran	109-99-9	kg	0.00E+00	0.00E+00	0.00E+00



326 Tributyl phosphate

126-73-8

kg

0.00E+00

0.00E+00

0.00E+00

Pipe System

1.23E-02  
8.94E-03  
5.71E-04  
2.36E-02  
1.84E-03  
9.10E-03  
1.20E+00  
2.18E+01  
8.88E-03  
2.06E+01  
1.02E-01  
5.70E-03  
8.51E-03  
1.84E-03  
1.12E-03  
1.50E-04  
3.50E-05  
1.29E+02  
1.21E+02  
1.66E+01  
5.71E-01  
1.73E-02  
9.71E-03  
1.49E-03  
1.15E-06  
4.48E-07  
3.74E-09  
1.28E-08  
3.93E-06  
1.09E-08  
3.93E-07  
4.68E-06  
2.13E-07  
6.12E-03  
4.35E-05  
3.67E-04  
1.26E-04  
2.35E-03  
6.69E-03  
2.79E-03  
4.26E-03  
1.06E-02  
3.30E-06  
4.25E-03  
1.99E-07  
5.30E-06  
2.57E+01

1.60E-02

4.56E-01

4.72E+00  
2.42E+00

3.73E-02

9.29E-01  
3.07E-07  
3.73E-03

8.67E-02  
3.92E-03

1.12E-01  
1.19E+02  
5.45E+01

5.67E+00  
1.50E+00

2.31E-01

1.40E+02  
5.22E+00  
1.93E+00

5.34E-04

1.41E-02

1.87E+01