United States Department of Energy
Central Internet Database

Data Category: Combined Radioactive Waste and Contaminated Media

Stream Characteristic Detail (RAD/CM-13)

STATE: New Jersey | **PROGRAM:** SC | **WASTE TYPE:** Low Level Waste
SITE: Princeton | **OPERATIONS OFFICE:** Chicago Operations Office

Princeton - Low Level Waste - Compactable LLW | **WASTE STREAM CODE:** 00492

Approved Volume :	Future Volume Avg:	Future Volume Lower Limit:	Future Volume Upper Limit:

%of Stream	STREAM NAME:	MPC NAME:	TOTAL CURIES:
100.000	Compactable LLW		

Isotopes			
Cobalt-60	Avg Concentration:	Low Limit Concent: 5.0000E-003 Ci/m3	Upper Limit Concent: 5.0000E-003 Ci/m3
Hydrogen-3	Avg Concentration:	Low Limit Concent: 5.0040E-003 Ci/m3	Upper Limit Concent: 1.0000E+001 Ci/m3

Princeton - Low Level Waste - Non-Compactable LLW | **WASTE STREAM CODE:** 00493

Approved Volume :	Future Volume Avg:	Future Volume Lower Limit:	Future Volume Upper Limit:

%of Stream	STREAM NAME:	MPC NAME:	TOTAL CURIES:
100.000	Non-Compactable LLW		

Isotopes			
Cobalt-60	Avg Concentration:	Low Limit Concent: 5.0000E-003 Ci/m3	Upper Limit Concent: 5.0000E-003 Ci/m3
Hydrogen-3	Avg Concentration: 8.5000E+002 Ci/m3	Low Limit Concent: 9.9000E+001 Ci/m3	Upper Limit Concent: 1.8180E+003 Ci/m3

Princeton - Low Level Waste - Compacted Waste			WASTE STREAM CODE: 01233
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** Compacted Waste	**MPC NAME:** Homogeneous Solids	**TOTAL CURIES:**
100.000	Compacted Waste		
	Isotopes		
	Cobalt-60 **Avg Concentration:**	**Low Limit Concent:** 5.0000E-003 Ci/m3	**Upper Limit Concent:** 5.0000E-003 Ci/m3
	Hydrogen-3 **Avg Concentration:**	**Low Limit Concent:** 5.0000E-003 Ci/m3	**Upper Limit Concent:** 1.0000E+001 Ci/m3

Princeton - Low Level Waste - Treated Non-CompactIble MLLW			WASTE STREAM CODE: 01234
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** Treated Non-CompactIble MLLW	**MPC NAME:** Solidified Homogeneous Solids	**TOTAL CURIES:**
100.000	treated non-compactable mixed		
	Isotopes		
	Hydrogen-3 **Avg Concentration:** 1.9000E-003 Ci/m3	**Low Limit Concent:** 3.8000E-007 Ci/m3	**Upper Limit Concent:** 3.8000E-003 Ci/m3

Princeton - Low Level Waste - Krytox Oil/Scintillation Fluids			WASTE STREAM CODE: 03677
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** Krytox Oil/Scintillation Fluids	**MPC NAME:** Liquids	**TOTAL CURIES:**
100.000	Krytox Oil		
	Isotopes		
	Hydrogen-3 **Avg Concentration:** 2.6900E+001 uCi/g	**Low Limit Concent:** 0.0000E+000 uCi/g	**Upper Limit Concent:** 2.7000E+001 uCi/g

Princeton - Low Level Waste - Non-Compactable LLW			WASTE STREAM CODE: 03927
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** Non-Compactable LLW	**MPC NAME:** Solids	**TOTAL CURIES:**
100.000	Non-Compactable LLW		
	Isotopes		
	Hydrogen-3	**Avg Concentration:** 8.5000E+002 Ci/m3	**Low Limit Concent:** 9.9000E+001 Ci/m3	**Upper Limit Concent:** 1.8180E+003 Ci/m3
	Cobalt-60	**Avg Concentration:**	**Low Limit Concent:** 5.0000E-003 Ci/m3	**Upper Limit Concent:** 5.0000E-003 Ci/m3

Princeton - Low Level Waste - Compacted Waste			WASTE STREAM CODE: 03928
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** Compacted Waste	**MPC NAME:** Homogeneous Solids	**TOTAL CURIES:**
100.000	Compacted Waste		
	Isotopes		
	Cobalt-60	**Avg Concentration:**	**Low Limit Concent:** 5.0000E-003 Ci/m3	**Upper Limit Concent:** 5.0000E-003 Ci/m3
	Hydrogen-3	**Avg Concentration:**	**Low Limit Concent:** 5.0000E-003 Ci/m3	**Upper Limit Concent:** 1.0000E+001 Ci/m3

Princeton - Low Level Waste - Treated Non-Compactible MLLW FY2046-2070			WASTE STREAM CODE: 04071
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:** Treated Non-Compactible MLLW FY2046-2070	**MPC NAME:** Solidified Homogeneous Solids	**TOTAL CURIES:**

100.000	treated non-compactable mixed

Isotopes

Hydrogen-3	**Avg Concentration:** 1.9000E-003 Ci/m3	**Low Limit Concent:**3.8000E-007 Ci/m3	**Upper Limit Concent:**3.8000E-003 Ci/m3

Princeton - Low Level Waste - LLW			**WASTE STREAM CODE:** 07298
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:**LLW	**MPC NAME:**Solids	**TOTAL CURIES:**

Princeton - Low Level Waste - LLW FOR DISPOSAL			**WASTE STREAM CODE:** 07299
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:**LLW FOR DISPOSAL	**MPC NAME:**Solids	**TOTAL CURIES:**

STATE: New Jersey	**PROGRAM:** SC	**WASTE TYPE:** Mixed Low Level Waste
SITE: Princeton	**OPERATIONS OFFICE:** Chicago Operations Office	

Princeton - Mixed Low Level Waste - Non-Compactible MLLW			**WASTE STREAM CODE:** 00494
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:**Non-Compactible MLLW	**MPC NAME:**Organic Liquids	**TOTAL CURIES:**

100.000	Non-Compactible MLLW

Isotopes

Hydrogen-3	**Avg Concentration:** 1.9000E-003 Ci/m3	**Low Limit Concent:**3.8000E-007 Ci/m3	**Upper Limit Concent:**3.8000E-003 Ci/m3

Princeton - Mixed Low Level Waste - Radioactive Lead			**WASTE STREAM CODE:** 04445
Approved Volume :	**Future Volume Avg:**	**Future Volume Lower Limit:**	**Future Volume Upper Limit:**
%of Stream	**STREAM NAME:**Radioactive Lead	**MPC NAME:**Elemental Hazardous Metals	**TOTAL CURIES:**

Data Source: Office of Environmental Management Corporate Database