Waste Description Information for Transuranic-Contaminated Wastes Stored at the Idaho National Engineering Laboratory

Appendix B - Detailed Information for Mixed and Non-Mixed Transuranic Waste

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Idaho National Engineering Laboratory

Appendix Summary

This appendix presents detailed information on the mixed and non-mixed transuranic contaminated transuranic wastes at the Idaho National Engineering Laboratory. The information is provided in a series of tables. Table 1 provides waste identification and description information. Table 2 provides waste storage information. Table 3 provides waste matrix information. Table 4 provides radionuclide contaminant information and Table 5 provides hazardous contaminant information. Additional information on the table format and field descriptions is provided in section 6 of the summary document.

This appendix also includes alpha activity concentration information and radionuclide isotopic composition information for the greater than 100 nCi/g category (transuranic) for the following waste streams presently classified as alpha low level: ID-RFO-290, content code 290; ID-ANL-161, content code 161; and ID-CPP-156, content code 156.

The waste stream identifier codes previously used have recently been updated. Pages iii through v provide a listing of waste stream codes included in this appendix as well as a cross reference to the previous waste stream codes.

Listing of waste streams included in Appendix B

INEL key code	Waste stream code	Content code	Previous waste stream code
Mixed Waste			
391	CH-ANL-142T	*	
9	CH-ANL-180T	*	
11	CH-ANL-182T	*	
15	CH-ANL-218T	*	
17	CH-ANL-241T	*	
19	CH-ANL-243T	*	
21	CH-ANL-245T	*	
22	CH-ANL-246T	*	
392	CH-ANL-503T	*	CH-ANL-503
390	CH-ANL-505T	*	CH-ANL-242T
163	ID-AEO-100T	100	ID-EGG-134T
164	ID-AEO-101T	101	ID-EGG-134T
307	ID-AEO-102T	102	ID-EGG-288T
209	ID-AEO-104T	104	ID-EGG-144T
308	ID-AEO-105T	105	ID-EGG-288T
309	ID-AEO-106T	106	ID-EGG-288T
310	ID-AEO-107T	107	ID-EGG-288T
81	ID-AEO-110T	110	ID-EGG-114T
83	ID-AEO-120T	120	ID-EGG-114T
313	ID-ANL-160T	160	ID-EGG-288T
300	ID-ANL-161	161	ID-EGG-288
314	ID-ANL-162T	162	ID-EGG-288T
315	ID-ANL-163T	163	ID-EGG-288T
166	ID-BCO-201T	201	ID-EGG-134T
317	ID-BCO-202T	202	ID-EGG-288T
318	ID-BCO-203T	203	ID-EGG-288T
319	ID-BCO-204T	204	ID-EGG-288T
80	ID-BTO-010T	10	ID-EGG-114T
148	ID-BTO-020T	20	ID-EGG-132T
43	ID-BTO-030T	30	ID-EGG-102T
213	ID-BTO-040T	40	ID-EGG-144T
210	ID-CPP-151T	151	ID-EGG-144T
299	ID-CPP-156	156	ID-EGG-288
347	ID-CPP-172	*	ID-WIN-172
204	ID-INL-142T	*	ID-EGG-142T
195	ID-INL-150T	150	ID-EGG-141T
311	ID-INL-155T	155	ID-EGG-288T
312	ID-INL-157T	157	ID-EGG-288T
320	ID-MDO-801T	801	ID-EGG-288T
135	ID-MDO-802T	802	ID-EGG-120T
152	ID-MDO-803T	803	ID-EGG-132T
117	ID-MDO-805T	805	ID-EGG-118T
128	ID-MDO-810T	810	ID-EGG-119T
45	ID-MDO-811T	811	ID-EGG-102T
118	ID-MDO-813T	813	ID-EGG-118T
179	ID-MDO-814T	814	ID-EGG-137T
321	ID-MDO-815T	815	ID-EGG-288T
168	ID-MDO-824T	824	ID-EGG-134T
88	ID-MDO-826T	826	ID-EGG-114T
89	ID-MDO-827T	827	ID-EGG-114T
67	ID-MDO-834T	834	ID-EGG-112T
68	ID-MDO-835T	835	ID-EGG-112T
69	ID-MDO-836T	836	ID-EGG-112T
198	ID-MDO-842T	842	ID-EGG-141T
322	ID-MDO-847T	847	ID-EGG-288T
323	ID-MDO-848T	848	ID-EGG-288T
39	ID-OFS-111T	111	ID-EGG-102T
165	ID-OFS-121T	121	ID-EGG-134T
295	ID-RFO-000T	0	ID-EGG-287T
38	ID-RFO-001T	1	ID-EGG-102T
41	ID-RFO-002T	2	ID-EGG-102T
236	ID-RFO-003T	3	ID-EGG-158T
65	ID-RFO-004T	4	ID-EGG-112T
227	ID-RFO-005T	5	ID-EGG-146T
44	ID-RFO-007T	7	ID-EGG-102T
63	ID-RFO-112T	112	ID-EGG-112T
40	ID-RFO-113T	113	ID-EGG-102T
64	ID-RFO-114T	114	ID-EGG-112T

INEL key code	Waste stream code	Content code	Previous waste stream code
82	ID-RFO-116T	116	ID-EGG-114T
147	ID-RFO-117T	117	ID-EGG-132T
124	ID-RFO-118T	118	ID-EGG-119T
110	ID-RFO-119T	119	ID-EGG-118T
97	ID-RFO-122T	122	ID-EGG-115T
132	ID-RFO-123T	123	ID-EGG-120T
167	ID-RFO-241T	241	ID-EGG-134T
32	ID-RFO-290	290	ID-EGG-102
42	ID-RFO-292T	292	ID-EGG-102T
176	ID-RFO-300T	300	ID-EGG-137T
177	ID-RFO-301T	301	ID-EGG-137T
53	ID-RFO-302T	302	ID-EGG-109T
178	ID-RFO-312T	312	ID-EGG-137T
149	ID-RFO-320T	320	ID-EGG-132T
111	ID-RFO-328T	328	ID-EGG-118T
84	ID-RFO-330T	330	ID-EGG-114T
112	ID-RFO-335T	335	ID-EGG-118T
85	ID-RFO-336T	336	ID-EGG-114T
86	ID-RFO-337T	337	ID-EGG-114T
113	ID-RFO-338T	338	ID-EGG-118T
133	ID-RFO-339T	339	ID-EGG-120T
114	ID-RFO-360T	360	ID-EGG-118T
98	ID-RFO-371T	371	ID-EGG-115T
197	ID-RFO-374T	374	ID-EGG-141T
99	ID-RFO-375T	375	ID-EGG-115T
115	ID-RFO-376T	376	ID-EGG-118T
225	ID-RFO-409T	409	ID-EGG-146T
226	ID-RFO-414T	414	ID-EGG-146T
220	ID-RFO-430T	430	ID-EGG-145T
221	ID-RFO-431T	431	ID-EGG-145T
222	ID-RFO-432T	432	ID-EGG-145T
125	ID-RFO-440T	440	ID-EGG-119T
126	ID-RFO-441T	441	ID-EGG-119T
127	ID-RFO-442T	442	ID-EGG-119T
87	ID-RFO-460T	460	ID-EGG-114T
134	ID-RFO-463T	463	ID-EGG-120T
54	ID-RFO-464T	464	ID-EGG-109T
150	ID-RFO-480T	480	ID-EGG-132T
151	ID-RFO-481T	481	ID-EGG-132T
116	ID-RFO-490T	490	ID-EGG-118T
66	ID-RFO-700T	700	ID-EGG-112T
90	ID-RFO-900T	900	ID-EGG-114T
169	ID-RFO-950T	950	ID-EGG-134T
91	ID-RFO-970T	970	ID-EGG-114T
70	ID-RFO-976T	976	ID-EGG-112T
71	ID-RFO-978T	978	ID-EGG-112T
46	ID-RFO-980T	980	ID-EGG-102T
296	ID-RFO-9999T	9999	ID-EGG-287T
316	ID-TAN-200T	200	ID-EGG-288T
327	ID-TRA-291T	*	ID-EGG-291T
Non-mixed waste			
763	CH-ANL-538	*	CH-ANL-RDT
786	CH-ANL-539	*	
787	CH-ANL-540	*	
788	CH-ANL-541	*	AW-T001
789	CH-ANL-542	*	
790	CH-ANL-543	*	AW-T001
791	CH-ANL-544	*	AW-T002
766	CH-ANL-HST	*	
759	CH-ANL-SCT	*	
214	ID-BTO-012TN	12	ID-EGG-144TN
215	ID-BTO-015TN	15	ID-EGG-144TN
237	ID-BTO-050TN	50	ID-EGG-158TN
154	ID-BTO-081TN	81	ID-EGG-132TN
216	ID-INL-152TN	152	ID-EGG-144TN
211	ID-INL-153TN	153	ID-EGG-144T
92	ID-MDO-804TN	804	ID-EGG-114TN
170	ID-MDO-825TN	825	ID-EGG-134TN
180	ID-RFO-115TN	115	ID-EGG-137TN
224	ID-RFO-124TN	124	ID-EGG-146T
181	ID-RFO-303TN	303	ID-EGG-137TN

INEL key code	Waste stream code	Content code	Previous waste stream code
182	ID-RFO-310TN	310	ID-EGG-137TN
183	ID-RFO-311TN	311	ID-EGG-137TN
119	ID-RFO-361TN	361	ID-EGG-118TN
184	ID-RFO-370TN	370	ID-EGG-137TN
196	ID-RFO-372TN	372	ID-EGG-141T
185	ID-RFO-391TN	391	ID-EGG-137TN
186	ID-RFO-392TN	392	ID-EGG-137TN
187	ID-RFO-393TN	393	ID-EGG-137TN
228	ID-RFO-410TN	410	ID-EGG-146TN
229	ID-RFO-411TN	411	ID-EGG-146TN
230	ID-RFO-412TN	412	ID-EGG-146TN
153	ID-RFO-416TN	416	ID-EGG-132TN
199	ID-RFO-420TN	420	ID-EGG-141TN
200	ID-RFO-421TN	421	ID-EGG-141TN
201	ID-RFO-422TN	422	ID-EGG-141TN
202	ID-RFO-425TN	425	ID-EGG-141TN
100	ID-RFO-960TN	960	ID-EGG-115TN
47	ID-RFO-995TN	995	ID-EGG-102TN
212	ID-TRA-154TN	154	ID-EGG-144T

a. Radiological information for activity greater than 100 nCi/g is included for some alpha low level labeled waste streams in Table 4.