

# **Toxic Substance Control Act PCB/Radioactive Waste Annual Inventory for Calendar Year 2003**

June 2004

**Idaho  
Cleanup  
Project**

The Idaho Cleanup Project is operated for the  
U.S. Department of Energy by CH2M ♦ WG Idaho, LLC

# **Toxic Substance Control Act PCB/Radioactive Waste Annual Inventory for Calendar Year 2003**

**June 2004**

**Idaho Cleanup Project  
Idaho Falls, Idaho 83415**

**Prepared for the  
U.S. Department of Energy  
Assistant Secretary for Environmental Management  
Under DOE-NE Idaho Operations Office  
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## **TABLE OF CONTENTS**

- Section I. Continuing Attempts to Secure Disposal of PCB/Radioactively Contaminated Waste**
- Section II. PCB/Radioactive Waste In Storage Awaiting Disposal**
- Section III. PCB/Radioactive Waste Disposed or Shipped for Disposal During Calendar Year 2003**

**Section I:**

**Continuing Attempts to Secure Disposal of PCB/Radioactively  
Contaminated Waste**

## **Continuing Attempts to Secure Disposal of PCB/Radioactively Contaminated Waste**

The Toxic Substance Control Act regulations of 40 CFR 761.654.(a)(2)(ii) requires a written record documenting all continuing attempts to secure disposal of polychlorinated biphenyl (PCB)/radioactive waste. The written record must be available for inspection or submission to the Environmental Protection Agency (EPA) if requested. EPA Region 10 has requested the information be submitted to the agency on or before July 15 for the previous calendar year. Included with the information on attempts to secure disposal of PCB/Radioactive waste, the Department of Energy (DOE) has been requested to submit an inventory of PCB/Radioactive waste in storage at the Idaho National Engineering and Environmental Laboratory (NEEL) for the previous calendar year.

The following are attempts made by the INEEL to secure disposal of PCB/Radioactive waste:

1. A total of one hundred two (164) items or containers totaling approximately 63,659 kg of radioactively contaminated PCBs were shipped for disposal, or disposed during the calendar year 2003. The facilities used for disposal included a TSCA permitted incinerator capable of burning radioactively contaminated PCB liquids; a RCRA permitted subtitle C facility capable of accepting radioactively contaminated PCB solids; and a Department of Energy Low Level Waste landfill capable of accepting radioactively contaminated PCB bulk product waste (Section III).
2. A modification to the Waste Isolation Pilot Plant (WIPP) Waste Acceptance Criteria (WAC) to allow the disposal of PCB remediation waste contaminated with transuranic isotopes, has been granted by EPA Region 6 to the DOE-Carlsbad Office. The WIPP disposal site now becomes an option for some radioactively contaminated PCB wastes in storage at the INEEL.

**Section II:**

**PCB/Radioactive Waste In Storage Awaiting Disposal  
For Calendar Year 2003**

# Idaho National Engineering and Environmental Radioactive and Mixed PCB Waste Inventory Calendar Year 2003

QUANTITY	CONTAINER ID	DESCRIPTION	FOOTNOTE	WEIGHT (Kg)	OUT OF SERVICE DATE
1	05-03-343-014-F (NRF)	PCB Paint Chips and debris		8	8/20/2003
1	11308	Liquid analytical residues		29	8/29/1980
1	11399	V-tank analysis residues		18	8/29/1980
1	11697	Rad Contaminated Lead Based Paint Chips and Debris		2	4/2/1997
1	11699	Sample waste		12	8/29/1980
1	12411 (NRF)	Debris		99	2/15/1997
1	12427 (NRF)	Lead and Chromium Contaminated Debris		108	6/10/1997
1	12837 (NRF)	Paint Chips		205	7/19/1997
1	12845 (NRF)	Debris		98	6/19/1997
1	12886 (NRF)	Pentex, PCB-Pb-Cr Paint Chips		87	5/29/1998
1	12896 (NRF)	Heavy Metal Paint Chips		6	10/14/1997
1	12969 (NRF)	Paint Chips		4	4/1/1997
1	12989 (NRF)	Paint Chips		136	9/24/1997
1	13002 (NRF)	Paint chips		205	11/26/1997
1	13036 (NRF)	Paint Metal		6	10/8/1997
1	14366k (NRF)	Paint Chips		186	4/13/1997
1	14378k (NRF)	Paint Chips		192	5/11/1997
1	15077k	Treatability study soil samples		27	8/29/1980
1	16-00-182-072-F (NRF)	TCLP and PCB Debris		22	11/20/2003

**Idaho National Engineering and Environmental  
Radioactive and Mixed PCB Waste Inventory  
Calendar Year 2003**

QUANTITY	CONTAINER ID	DESCRIPTION	FOOTNOTE	WEIGHT (Kg)	OUT OF SERVICE DATE
1	16317k	MTRU lab analytical waste	(2)	96	1/1/1979
1	16358k	Solid analysis residues		28	8/29/1980
1	16359k	Liquid analysis residues		3	8/29/1980
1	16361k	Liquid analysis residues		5	8/29/1980
1	16385k	Lab solvent residues w/listed codes		9	8/29/1980
1	16386k	Lab solvent residues w/listed codes		11	8/29/1980
1	16979k	Debris (ANL-W)		41	3/26/1998
1	16980k	Used oil and light ballasts		206	8/1/1995
1	16-99-187-032-F (NRF)	PCB Ballast		55	10/1/2002
1	17346k	V-tank Sample Returns (Altered and Unaltered)		85	8/29/1980
1	17347k	V-tank Sample Returns (Altered and Unaltered)		82	8/29/1980
1	17348k	V-tank Sample Returns (Altered and Unaltered)		64	8/29/1980
1	17349k	V-tank Sample Returns (Altered and Unaltered)		76	8/29/1980
1	17350k	V-tank Sample Returns (Altered and Unaltered)		90	8/29/1980
1	17351k	V-tank Sample Returns (Altered and Unaltered)		79	8/29/1980
1	17645k	Acidic Lab Waste w/INTEC codes & PCBs		64	6/9/1998
1	17651k	Acidic Lab Waste w/INTEC codes & PCBs		5	5/28/1998
1	17652k	Organic solvent waste w/INTEC codes & PCBs		6	5/28/1998
1	18455k	MTRU Lab Analytical Waste w/PCBs	(2)	60	1/1/1979

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# Idaho National Engineering and Environmental Radioactive and Mixed PCB Waste Inventory Calendar Year 2003

QUANTITY	CONTAINER ID	DESCRIPTION	FOOTNOTE	WEIGHT (Kg)	OUT OF SERVICE DATE
1	18493k	Acidic Lab Waste w/INTEC codes & PCBs		82	5/12/1998
1	18502k	V-tank Analysis Residues		9	8/29/1980
1	18503k	V-tank Analysis Residues		30	8/29/1980
1	18504k	V-tank Analysis Residues		11	8/29/1980
1	18508k	Acidic Analysis Residues w/INTEC codes & PCBs		9	4/16/1998
1	19204k	Returned ARA-16 Washwater and Sludge Samples		8	3/1/1988
1	19205k	Returned ARA-16 Washwater and Sludge Samples		6	3/1/1988
1	19206k	Returned ARA-16 Washwater and Sludge Samples		48	3/1/1988
1	19207k	Returned ARA-16 Washwater and Sludge Samples		29	3/1/1988
1	19208k	Returned ARA-16 Washwater and Sludge Samples		64	3/1/1988
1	19555k	Returned ARA-16 Wash Water and Sludge Samples		6	3/1/1988
1	19580k	V-tank Sample Returns (Altered and Unaltered)		40	8/29/1980
1	19581k	V-tank Sample Returns (Altered and Unaltered)		16	8/29/1980
1	19582k	V-tank Sample Returns (Altered and Unaltered)		21	8/29/1980
1	19583k	V-tank Sample Returns (Altered and Unaltered)		22	8/29/1980
1	19584k	V-tank Sample Returns (Altered and Unaltered)		38	8/29/1980
1	19585k	V-tank Sample Returns (Altered and Unaltered)		37	8/29/1980
1	19586k	V-tank Sample Returns (Altered and Unaltered)		38	8/29/1980
1	19591k	V-tank Sample Returns (Altered and Unaltered)		36	8/29/1980

**Idaho National Engineering and Environmental  
Radioactive and Mixed PCB Waste Inventory  
Calendar Year 2003**

QUANTITY	CONTAINER ID	DESCRIPTION	FOOTNOTE	WEIGHT (Kg)	OUT OF SERVICE DATE
1	19592k	V-tank Sample Returns (Altered and Unaltered)		20	8/29/1980
1	19593k	V-tank Sample Returns (Altered and Unaltered)		32	8/29/1980
1	19595k	V-tank Sample Returns (Altered and Unaltered)		68	8/29/1980
1	19596k	V-tank Sample Returns (Altered and Unaltered)		28	8/29/1980
1	19600k	V-tank Sample Returns (Altered and Unaltered)		26	8/29/1980
1	19601k	V-tank Sample Returns (Altered and Unaltered)		9	8/29/1980
1	19602k	Returned ARA-16 Washwater and Sludge Samples		78	3/1/1988
1	19603k	Returned ARA-16 Washwater and Sludge Samples		72	3/1/1988
1	20122k (NRF)	Pentex, Paint Chips		182	6/18/1998
1	20137k (NRF)	Debris		2	1/28/1998
1	20146k (NRF)	Paint Chips		4	2/25/1998
1	20297k (NRF)	Pentex Paint chips		99	1/12/1999
1	20723k	Debris		76	3/10/1994
1	20724k	PCB Contaminated Waste		111	4/7/1998
1	20725k	PCB Contaminated Waste		125	1/28/1998
1	21165k	Debris, Paint and Asbestos		43	9/30/1997
1	21187k	Debris		43	9/16/1998
1	21219k	Debris and Paint Chips		245	3/31/1999
1	21220k	Debris and Paint Chips		256	3/24/1999

**EPA ID # ID4890008952**

# Idaho National Engineering and Environmental Radioactive and Mixed PCB Waste Inventory Calendar Year 2003

QUANTITY	CONTAINER ID	DESCRIPTION	FOOTNOTE	WEIGHT (Kg)	OUT OF SERVICE DATE
1	220-2	Werf Ash		0	5/31/2000
1	22629k	Solvent from INTEC		4	7/30/1998
1	22642k	Lab analytical waste	(2)	64	1/1/1979
1	30-00-059-009-F (NRF)	PCB Ballast		80	8/23/2000
1	324-1	TWCP Preps		4	10/7/2000
1	327-18	PCB Stds. Preps.		0	4/18/2000
1	55-00-082-052-F (NRF)	Light Ballast		165	8/20/1998
1	55-02-066-064-F (NRF)	Light Ballasts Spill Cleanup Material S3-30		55	7/2/2003
1	55-97-219-075-F (NRF)	Sample Bottles with Sediment, Remediation Waste PCB >=50 ppm		48	2/16/1999
1	55-98-103-076-F (NRF)	Heavy Metal/PCB Waste		30	10/23/2003
1	55-98-337-067-F (NRF)	Paint and Metal and Debris		147	2/23/1999
1	55-98-337-072-F (NRF)	PCB, Brass & Bronze Heavy Metal Debris		55	7/2/1996
1	55-98-337-099-F (NRF)	Solid Sediment Samples, Remediation Waste PCB>=50 ppm		56	9/8/1998
1	55-99-266-039-F (NRF)	PCB Pentek Drum		91	12/18/2002
1	ANL-94-016	Used oil and light ballasts		127	7/6/1993
1	ARA000002	PPE from ARA-13 Septic Tank		3	6/26/2000
1	ARA000044	Hose from ARA-16 pipe Rinsing		91	11/7/2000
1	ARA000059	ARA 13 Distribution box sludge mixed with floor dry and PPE		159	5/9/2001
1	ARA990026	Solid from Tank #2		84	8/19/1999

EPA ID # ID4890008952

**Idaho National Engineering and Environmental  
Radioactive and Mixed PCB Waste Inventory  
Calendar Year 2003**

QUANTITY	CONTAINER ID	DESCRIPTION	FOOTNOTE	WEIGHT (Kg)	OUT OF SERVICE DATE
1	ARA990036	Sludge / Water		217	9/30/1996
1	ARA990037	Sludge / Water		253	9/30/1996
1	ARA990038	Sludge / Water		247	9/30/1996
1	ARA990039	Sludge / Water		252	9/30/1996
1	ARA990040	Sludge / Water		257	9/30/1996
1	ARA990041	Sludge / Water		231	9/30/1996
1	ARA990042	Sludge / Water		256	9/30/1996
1	ARA990043	Sludge / Water		262	9/30/1996
1	DDD020151	MLLW Liquid Samples from TAN-616 for Thermo/Stabilization		24	11/19/1999
1	DDD020152	MLLW Liquid Samples from TAN-616 for Thermo/Stabilization		46	11/19/1999
1	DDD020153	MLLW Liquid Samples from TAN-616 for Thermo/Stabilization		46	11/19/1999
1	DDD020154	MLLW Liquid Samples from TAN-616 for Thermo/Stabilization		5	11/19/1999
1	DDD020155	MLLW Liquid Samples from TAN-616 for Thermo/Stabilization		5	11/19/1999
1	DDD020156	MLLW Liquid Samples from TAN-616 for Thermo/Stabilization		6	11/19/1999
1	DDD020157	MLLW Liquid Samples from TAN-616 for Thermo/Stabilization		8	11/19/1999
1	DDD020158	MLLW contaminated with PCBs for Stabilization from D&D&D of TAN 616		252	5/28/2002
1	DDD020199	MLLW Contaminated with PCB's for disposal from D&D&D TAN-616		44	11/7/2002
44	ID-BCO-000	Containers	(2),(4)		4/1/1978
32	ID-BCO-203/203T	Sludge	(2),(4)		4/1/1978

**EPA ID # ID4890008952**

# Idaho National Engineering and Environmental Radioactive and Mixed PCB Waste Inventory Calendar Year 2003

QUANTITY	CONTAINER ID	DESCRIPTION	FOOTNOTE	WEIGHT (Kg)	OUT OF SERVICE DATE
1	IDE-43/TS-167 (NRF)	Bucket of Kim Wipes from ECF High Bay Decon Shop - Ballast Spill		4	3/8/1997
1	IDE-47/TS-168 (NRF)	Light Fixture ECF High Bay Decon Shop - Ballast Spill		5	3/8/1997
2,958	ID-RFO-000/000T	Sludge	(2),(5)		4/1/1978
4,613	ID-RFO-003/003T	Sludge	(2),(5)		4/1/1978
1	INEL11074	Absorbed hexane and acid mixture		12	8/29/1980
1	INEL11080	Oil, TAN 607		156	8/29/1980
1	INEL11081	Oil, TAN 607		65	8/29/1980
1	INEL11225	V-tank analysis residues		49	8/29/1980
1	INEL11235	V-tank analysis residues		5	8/29/1980
1	INEL11242	V-tank analytical residue (lab debris)		9	9/9/1993
1	INEL11931 (NRF)	Paint Chips		152	9/29/1996
1	INEL9852	Treatability study residue, from CFA		32	8/29/1980
1	INTC000381	Listed Analytical Residue with PCB's		49	10/25/2000
1	INTC010348	Solidified Analytical Sample Residue		3	12/23/1999
1	INTC010378	Loft Sump Analytical Residue-CPP-602		5	3/8/2001
1	INTC020031	MLLW Liquids - WIR by Citation (with PCB's)		5	4/13/2000
1	INTC020034	MLLW Lab Debris with PCB's - WIR by Citation		4	8/23/2001
1	INTC020131	MLLW Lab Debris with PCB's - WIR by Citation		6	10/7/1999
1	INTC020163	Rad-contaminated PCB Ballasts & Cleanup Debris		6	5/9/2002

EPA ID # ID4890008952

**Idaho National Engineering and Environmental  
Radioactive and Mixed PCB Waste Inventory  
Calendar Year 2003**

QUANTITY	CONTAINER ID	DESCRIPTION	FOOTNOTE	WEIGHT (Kg)	OUT OF SERVICE DATE
1	INTC020172	MLLW Liquids - WIR by Citation (with PCB's)		3	5/3/2001
1	INTC020246	Backlog lead and/or lead debris shipped to INTEC for characterization		44	10/5/1997
1	INTC020257	MLLW Lab Debris with PCB's - WIR by Citation		4	10/21/1999
1	INTC020258	MLLW Lab Debris with PCB's - WIR by Citation		5	5/13/1999
1	INTC020316	MLLW Liquids - WIR by Citation (with PCB's)		3	5/25/2000
1	INTC020480	MTRU Laboratory Analytical Waste with PCBs		37	9/26/2002
1	INTC20114	MTRU Laboratory Analytical Waste with PCBs		37	9/26/2002
1	KWINEL573	Paint and Debris, KW-W014D - PCB Contaminated Waste	(6)	250	10/27/1998
1	KWINEL879	HEPA Filters and Prefilters	(6)	4	9/16/1999
1	KWINEL909	Paint and Debris	(6)	4	9/28/1999
1	KWINEL910	HEPA Filters and Prefilters	(6)	4	9/28/1999
1	LCN-251 (NRF)	Met Cell Door, Item 18	(9)	35	9/2/1999
1	NRF000025 (NRF)	Pentek Canister, Paint Chips, HCLA		204	10/31/1999
1	NRF000091 (NRF)	Shield Blocks Painted Elemental Lead		293	1/6/2000
1	NRF000092 (NRF)	Shield Blocks Painted Elemental Lead		263	1/7/2000
1	NRF000108 (NRF)	S1W Remediation Waste PCB >=50 ppm		171	2/8/2000
1	NRF000109 (NRF)	S1W Remediation Waste PCB >=50 ppm		155	2/8/2000
1	NRF000110 (NRF)	S1W Remediation Waste PCB >=50 ppm		142	2/8/2000
1	NRF000111 (NRF)	S1W Remediation Waste PCB >=50 ppm		53	2/8/2000

EPA ID # ID48900008952

# Idaho National Engineering and Environmental

## Radioactive and Mixed PCB Waste Inventory

### Calendar Year 2003

QUANTITY	CONTAINER ID	DESCRIPTION	FOOTNOTE	WEIGHT (Kg)	OUT OF SERVICE DATE
1	NRF000321 (NRF)	Vacuum Carlsters/Paint Chips		55	4/5/2000
1	NRF000522 (NRF)	Pentek Drums		226	6/22/2000
1	NRF030338 (NRF)	PCB, Asbestos, RCRA Debris Wire from ECF Hgih-bay Fixture		58	11/6/2003
1	NRF040041 (NRF)	PCB Bulk Product Waste, ECF Light Fixture		468	12/17/2003
1	NRF040059 (NRF)	PCB Sampling Debris		32	8/20/2003
1	NRF13001 (NRF)	PCB contaminated material		44	10/5/1997
1	NRF990122 (NRF)	Pentek Drum, Paint Chips, HCLA		151	6/29/1999
1	NRF990123 (NRF)	Pentek Drum, Paint Chips, HCLA		153	10/2/1999
1	S5G Basin - 23 (NRF)	Light Fixture from PCB Ballast Spill		7	6/4/2001
1	TAN000042	V-Tank Samples (TAN-607-108-A)		8	11/19/1999
1	TAN000043	V-Tank Samples (TAN-607-108-A)		9	11/19/1999
1	TAN000044	V-Tank Samples (TAN-607-108-A)		9	11/19/1999
1	TAN000045	V-Tank Samples (TAN-607-108-A)		10	11/19/1999
1	TAN000046	V-Tank Samples (TAN-607-108-A)		10	11/19/1999
1	TAN000047	V-Tank Samples (TAN-607-108-A)		12	11/19/1999
1	TAN000048	V-Tank Samples (TAN-607-108-A)		5	11/19/1999
1	TAN000122	Solid, PPE and Sampling Debris		27	9/14/2000
1	TAN000268	TAN PPE from V-Tank Sampling, (V-Tank associated = PCB		27	12/6/2000
1	TAN000279	TAN-616 Sampling Waste		27	12/14/2000

**Idaho National Engineering and Environmental  
Radioactive and Mixed PCB Waste Inventory  
Calendar Year 2003**

QUANTITY	CONTAINER ID	DESCRIPTION	FOOTNOTE	WEIGHT (Kg)	OUT OF SERVICE DATE
1	TAN000296	Sampling Debris From TAN-616 Evap. Pit		20	1/17/2001
1	TAN010053	PPE, TSF-18, Remediation Waste, (Tan V-9 Tank)		68	4/24/2001
1	TAN010057	PPE, TSF-18, Remediation Waste, (Tan V-9 Tank)		68	4/30/2001
1	TAN010065	PPE, TSF-18, Remediation Waste, (Tan V-9 Tank)		68	5/3/2001
1	TAN010071	PPE, TSF-18, Remediation Waste, (Tan V-9 Tank)		108	5/9/2001
1	TAN010075	PPE, TSF-18, Remediation Waste, (Tan V-9 Tank)		68	5/9/2001
1	TAN010076	PPE, TSF-18, Remediation Waste, (Tan V-9 Tank)		88	5/9/2001
1	TAN010077	PPE, TSF-18, Remediation Waste, (Tan V-9 Tank)		82	5/9/2001
1	TAN010087	PPE, TSF-18, Remediation Waste, (Tan V-9 Tank)		73	5/9/2001
1	TAN010110	Remediation Waste, (Tan V-9 Tank)		792	6/28/2001
1	TAN010111	Remediation Waste, (Tan V-9 Tank)		272	6/28/2001
1	TAN990027	Debris and PPE (V-Tank)		34	11/4/1997
1	TAN990028	Debris and PPE (V-Tank)		32	11/4/1997
1	TAN990029	Debris and PPE (V-Tank)		34	5/21/1997
1	TAN990031	Debris and PPE (V-Tank)		32	11/25/1997
1	TAN990032	Debris and PPE (V-Tank)		35	11/26/1997
1	TAN990037	Debris and PPE (V-Tank)		98	9/16/1998
1	TAN990038	Debris and PPE (V-Tank)		81	9/16/1998
1	TAN990039	Debris and PPE (V-Tank)		73	9/16/1998

**EPA ID # ID4890008952**



# Idaho National Engineering and Environmental

## Radioactive and Mixed PCB Waste Inventory

### Calendar Year 2003

QUANTITY	CONTAINER ID	DESCRIPTION	FOOTNOTE	WEIGHT (Kg)	OUT OF SERVICE DATE
1	TAN990040	Debris and PPE (V-Tank)		67	9/16/1998
1	TAN990041	Debris and PPE (V-Tank)		39	10/21/1998
1	TAN990042	Debris and PPE (V-Tank)		31	10/20/1998
1	TAN990043	Debris and PPE (V-Tank)		30	4/28/1999
1	TAN990044	Debris and PPE (V-Tank)		32	6/15/1999
1	TAN990303	Debris from IET Sump #9		240	12/7/1999
1	TAN990304	Debris from IET Sump #9		195	12/7/1999
1	TAN990305	Debris from IET Sump #9		227	12/7/1999
1	TAN990306	Debris from IET Sump #9		159	12/7/1999
1	TAN990308	Debris from IET Sump #9		295	12/7/1999
1	TAN990309	Debris from IET Sump #9		141	12/7/1999
1	TAN990310	Debris from IET Sump #9		249	12/7/1999
1	TAN990387	TAN-616 VCO Samples		3	12/22/1993
1	TNC-00-065 (NRF)	PCB Bulk Product Waste		964	5/5/2003
1	TNC-02-137 (NRF)	PCB Bulk Product Waste		455	2/12/1999
1	TNC-03-017 (NRF)	PCB Bulk Product Waste		1,025	1/8/2001
1	TNC-03-029 (NRF)	PCB Light Transformers - ECF High Bay		1,540	12/18/2003
1	TNC-03-033 (NRF)	Pcb Ballasts and Capacitors ECF High Bay		448	9/30/2003
1	TNC-03-075 (NRF)	PCB Bulk Product Waste		2,009	12/29/2003

**Idaho National Engineering and Environmental  
Radioactive and Mixed PCB Waste Inventory  
Calendar Year 2003**

QUANTITY	CONTAINER ID	DESCRIPTION	FOOTNOTE	WEIGHT (Kg)	OUT OF SERVICE DATE
1	TNC-03-076 (NRF)	PCB Bulk Product Waste		1,575	12/29/2003
1	TNC-98-1156 (NRF)	PCB Bulk Product Waste		9	10/25/2003
1	TRA000358	HEPA Vacuum Fines, Filters & Contaminated PPE		53	10/31/2000
1	TRA020158	PCB Contaminated Ballasts		64	7/15/2002
1	TRA-603-CANAL-A #1	Paint chips from wall		0	7/12/2001
1	TRA-603-CANAL-A #2	Paint chips from floor		0	7/12/2001
1	TRA-603-CANAL-A #3	Paint chips from floor		0	8/16/2001
1	TRA-604-110A-6051	Labware from analysis		0	2/10/2000
1	TRA-604-110A-6064	Empty centrifuge tubes from analysis		0	11/1/2000
1	TRA-604-110A-6065	Columns from alpha spec analysis		0	11/1/2000
1	TRA-604-110A-6066	Analysis residue from alpha spec. analysis		0	11/1/2000
1	V-1	Sludge from tank	(7)	1,970	8/29/1980
1	V-2	Sludge from tank	(7)	1,970	8/29/1980
1	V-3	Sludge from tank	(7)	2,465	8/29/1980
1	V-9	Sludge from tank	(7)	1,210	8/29/1980
1	VTANK-001	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	41	11/5/1997
1	VTNK-002	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	37	4/28/1999
1	VTNK-003	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	53	9/21/1993
1	VTNK-004	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	44	9/21/1993

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# Idaho National Engineering and Environmental Radioactive and Mixed PCB Waste Inventory Calendar Year 2003

QUANTITY	CONTAINER ID	DESCRIPTION	FOOTNOTE	WEIGHT (Kg)	OUT OF SERVICE DATE
1	VTNK-005	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	39	9/21/1993
1	VTNK-006	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	41	9/21/1993
1	VTNK-007	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	45	9/21/1993
1	VTNK-008	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	41	9/21/1993
1	VTNK-009	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	48	9/21/1993
1	VTNK-010	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	47	9/21/1993
1	VTNK-011	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	48	9/21/1993
1	VTNK-012	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	47	9/21/1993
1	VTNK-013	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	43	9/21/1993
1	VTNK-014	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	46	9/21/1993
1	VTNK-015	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	44	9/21/1993
1	VTNK-016	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	43	9/21/1993
1	VTNK-017	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	36	9/21/1993
1	VTNK-018	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	43	9/21/1993
1	VTNK-019	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	37	9/21/1993
1	VTNK-020	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	41	9/21/1993
1	VTNK-021	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	45	9/21/1993
1	VTNK-022	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	39	9/21/1993
1	VTNK-023	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	42	9/21/1993

**Idaho National Engineering and Environmental  
Radioactive and Mixed PCB Waste Inventory  
Calendar Year 2003**

QUANTITY	CONTAINER ID	DESCRIPTION	FOOTNOTE	WEIGHT (Kg)	OUT OF SERVICE DATE
1	VTNK-024	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	51	9/21/1993
1	VTNK-025	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	45	9/21/1993
1	VTNK-026	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	45	9/21/1993
1	VTNK-027	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	43	9/21/1993
1	VTNK-028	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	41	9/21/1993
1	VTNK-029	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	35	9/21/1993
1	VTNK-030	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	38	9/21/1993
1	VTNK-031	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	44	9/21/1993
1	VTNK-032	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	41	9/21/1993
1	VTNK-033	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	39	9/21/1993
1	VTNK-034	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	44	9/21/1993
1	VTNK-035	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	51	9/21/1993
1	VTNK-036	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	43	9/21/1993
1	VTNK-037	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	47	9/21/1993
1	VTNK-038	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	41	9/21/1993
1	VTNK-039	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	44	9/21/1993
1	VTNK-040	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	51	9/21/1993
1	VTNK-041	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	60	9/21/1993
1	WAG010167	Remediation Waste, (Tan V-9 Tank)		32	11/7/2001

EPA ID # ID4890008952

# Idaho National Engineering and Environmental Radioactive and Mixed PCB Waste Inventory Calendar Year 2003

QUANTITY	CONTAINER ID	DESCRIPTION	FOOTNOTE	WEIGHT (Kg)	OUT OF SERVICE DATE
1	WAG010264	WAG 5: ARA-16 Sludge from tank 729		703	8/14/2003
1	WERF01000	Rad-contaminated PCB ballasts		8	3/7/2001
1	WERF010008	Rad-contaminated PCB ballasts		8	3/8/2001
1	WERF010351	WERF Ash Drum		5	
1	WERF010402	PCB Contaminated Debris		38	8/29/1980
1	WERF010405	PCB Contaminated Debris, originated at TAN-607		3	8/29/1980
1	WERF010415	Mixed Low Level Waste Materials Containing PCBs - TSCA Regulated		4	4/13/1993
1	WERF020087	WERF - Verified Debris Waste for MACRO		1,898	10/5/2000
Total Number of Items: 7917				Total Weight	35,955

- (1) Total Weight. For most items stored in containers, the weight includes the container weight. Weights are rounded to the nearest kilogram.
- (2) Container removed from service prior to promulgation of TSCA are assigned OOS date of
- (3) Containers generated as a result of sorting and segregation of 21 cargo containers (reported in CY99 as containers 21139k and 21228k through
- (4) Containers associated with wastestream ID-BCO-203/203T and ID-BCO-000 are suspected/potential PCB's and are unknown waste respectively, from Battelle Columbus Laboratories. Containers are stored at RWMC.
- (5) Containers associated with wastestream ID-RFO-003/003T and ID-RFO-000/000T are organic sludges and unknown wastes respectively, generated at Rocky Flats prior to 1980 and stored at the INEEL. Waste is known or suspected to contain PCB's, but have not been fully characterized. Quantity estimates are based on EDF-RWMC-604 dated 6/3/93. Containers in multiple storage areas at RWMC.
- (6) Waste generated at Knolls Atomic Power Laboratory, in Connecticut. Waste is being stored at the Mixed Waste Storage
- (7) Estimated quantity of liquid and sludge in tanks. Tanks V-1, V-2, and V-3 estimated also to contain 1164, 1076, and 6618 gallons of non-PCB contaminated water,
- (8) WERF ash is included in this inventory for the purpose of the settlement agreement of the FFNOSN (1/2000).
- (9) Items indicated were shipped in CY 2002 without manifests. Manifests were generated for these items in CY2003. Both EPA Region's IV and X were notified of this activity.

**Section III:**

**Radioactive/PCB Waste Disposed or Shipped for Disposal During  
Calendar Year 2003**

# Idaho National Engineering and Environmental Radioactive PCB Waste Disposed or Shipped for Disposal Calendar Year 2003

QUANTITY	CONTAINER ID	DESCRIPTION	WEIGHT (Kg)	DATE OF DISPOSAL
1	11042	PCB/Listed Contaminated Debris	24	(2)
1	12416 (NRF)	Paint Chips	21	8/1/2003
1	12880 (NRF)	PCB-Pb-Cr Paint Chips	95	
1	12883 (NRF)	PCB-Pb Paint Chips	73	
1	12885 (NRF)	PCB-Pb-Cr Paint Chips	75	
1	12897 (NRF)	PCB Debris	22	
1	12898 (NRF)	PCB-Pb-Chrome Debris	56	
1	12899 (NRF)	PCB-Pb-Cr Paint Chips	56	
1	12983 (NRF)	Painted metal	43	
1	13049 (NRF)	PCB-Pb-Chrome Debris	83	
1	13657k	Waste Radioactive material, SCO, 7, UN2913, Pu-238 Sr-90 Cs-137, solid oxide 1.516E-06 TBq SCO-II, Fissile excepted, PCB Debris > 50 ppm Exclusive use shipment	833	
1	14377k (NRF)	Debris	32	
1	15874k	Waste Radioactive material, SCO, 7, UN2913, Pu-238 Sr-90 Cs-137, solid oxide 7.612E-07 TBq SCO-II, Fissile excepted, PCB Debris > 50 ppm Exclusive use shipment	712	
1	17266k	Piping and drains	202	
1	17267k	Piping and drains	204	
1	17268k	Piping and drains	199	
1	17269k	Piping and drains	94	
1	20119k (NRF)	PCB-Pb-Cr Paint Chips & Debris	34	
1	20148k (NRF)	Paint Chips	45	
1	20153k (NRF)	PCB-Cr Paint Chips & Debris	24	
1	20273k (NRF)	PCB, Heavy Metal Debris	64	
1	20279k (NRF)	Paint Chips	4	
1	20283k (NRF)	PCB Metal Debris	53	
1	20295k (NRF)	Sample debris	6	

**Idaho National Engineering and Environmental  
Radioactive PCB Waste Disposed or Shipped for Disposal  
Calendar Year 2003**

QUANTITY	CONTAINER ID	DESCRIPTION	WEIGHT (Kg)	DATE OF DISPOSAL (2)
1	20300k (NRF)	Paint chips	7	
1	20312k (NRF)	Paint chips	21	
1	20831k (NRF)	Vacuum cannisters, Paint Chips	43	
1	20832k (NRF)	Vacuum cannisters, Paint Chips	42	
1	20833k (NRF)	Vacuum cannisters, Paint Chips	55	
1	20834k (NRF)	Vacuum cannisters, Paint Chips	42	
1	20835k (NRF)	Vacuum cannisters, Paint Chips	41	
1	20836k (NRF)	Vacuum cannisters, Paint Chips	47	
1	20837k (NRF)	Vacuum cannisters, Paint Chips	42	
1	20851k (NRF)	Vacuum cannisters, Paint Chips	50	
1	92-090	Paint chips, heavy metal debris	526	
		Waste Radioactive material, SCO, 7, UN2913, Pu-238 Sr-90 Cs-137, solid oxide 4.768E-07 TBq SCO-II, Fissile excepted, PCB Debris > 50 ppm Exclusive use shipment		
1	92-116	Waste Radioactive material, SCO, 7, UN2913, Pu-238 Sr-90, Pu-239 Am-241 Cs-137 solid oxide 7.950E-05 TBq SCO-II (ASBESTOS), Fissile Excepted, PCB PAINT > 50 ppm	998	
		Waste Radioactive material, LSA, n.o.s., 7, UN2912, sr-90 Cs-137, solid oxide 5.835E-07 TBq LSA-II, non-fissile, exclusive use shipment, (Asbestos), also contains PCB contaminated paint > 50 ppm	883	
1	92-202	Waste Radioactive material, SCO, 7, UN2913, Sr-90 Cs-137, solid oxide 1.777E-07 TBq SCO-II, non-Fissile, Exclusive use shipment, also contains PCB contaminated paint > 50 ppm	1,591	
		Waste Radioactive material, SCO, 7, UN2913, Pu-238 Sr-90 Cs-137, solid oxide 2.798E-06 TBq, SCO-II, Fissile Excepted, Exclusive Use shipment, Also contains PCB contaminated paint > 50 ppm	1,285	
1	93-242	Waste Radioactive material, SCO, 7, UN2913, Sr-90 Cs-137, solid oxide 5.719E-07 TBq SCO-I, non-Fissile, Exclusive use shipment, also contains PCB contaminated paint > 50 ppm	1,350	
1	93-422	Waste Radioactive material, SCO, 7, UN2913, Pu-238 Sr-90 Cs-137, solid oxide 1.389E-06 TBq SCO-II, Fissile excepted, PCB Debris > 50 ppm Exclusive use shipment	719	



# Idaho National Engineering and Environmental

## Radioactive PCB Waste Disposed or Shipped for Disposal Calendar Year 2003

QUANTITY	CONTAINER ID	DESCRIPTION	WEIGHT (Kg)	DATE OF DISPOSAL (2)
1	93-556	Waste Radioactive material, SCO, 7, UN2913, Pu-238 Sr-90, Pu-239 solid oxide 7.294E-06 TBq SCO-II, Fissile Excepted, Exclusive Use Shipment PCB paint > 50 ppm	1,182	
1	94-091	Waste Radioactive material, SCO, 7, UN2913, Pu-238 Sr-90 Cs-137, solid oxide 2.299E-06 TBq SCO-I, Fissile Excepted, Exclusive use shipment, also contains PCB contaminated paint > 50 ppm	1,290	
1	94-093	Waste Radioactive material, SCO, 7, UN2913, Pu-238, Sr-90 Pu-239, Am-241, solid oxide 9.474E-06 TBq SCO-II, Fissile Excepted, Exclusive use shipment, also contains PCB contaminated paint > 50 ppm	1,315	
1	94-583	Waste Radioactive material, SCO, 7, UN2913, Pu-238 Sr-90, solid oxide 1.468E-06 TBq SCO-II Fissile Excepted, Exclusive Use Shipment, PCB paint > 50 ppm	1,462	
1	94-664	Waste Radioactive material, LSA, n.o.s., 7, UN2913, Pu-238 Sr-90, Pu-239 Am-241 Cs-137 solid oxide 2.094E-04 TBq LSA-II, Fissile Excepted, Exclusive Use Shipment, PCB paint > 50 ppm	2,374	
1	95-095	Waste Radioactive material, SCO, 7, UN2913, Pu-238 Sr-90 Pu-239 Am-241 Cs-137, solid oxide 5.409E-05 TBq SCO-II, Fissile excepted, PCB Debris > 50 ppm Exclusive use shipment	1,486	
1	95-197-A	Waste Radioactive material, excepted package-limited quantity of material, 7, UN2910 contains paint with PCBs > 50 ppm	712	
1	95-339	Waste Radioactive material, SCO, 7, UN2913, Pu-238 Sr-90 Pu-239 Am-241 solid oxide 4.888E-06 TBq SCO-II, Fissile excepted, PCB Debris > 50 ppm Exclusive use shipment	623	
1	96-007	Waste Radioactive material, n.o.s., 7, UN2982 Pu-238 Sr-90 Am-241 Cs-137, solid oxide, 4.997E-04 TBq, Radioactive Yellow-II, TI - 0.5m, Fissile excepted, Type A Package, Contains PCBs in paint > 50 p	1,892	
1	96-044	Waste Radioactive material, SCO, 7, UN2913, Pu-238 Sr-90 Cs-137, solid oxide 1.725E-06 TBq SCO-II, Fissile Excepted, PCB Debris > 50 ARA-02 PPE and Debris	866	
1	ARA020000	Hazardous waste, solid, n.o.s., 9, NA3077, PG III Also contains trace radionuclides contains PCB Debris > 50 ppm	48	
1	ARA030206	Hazardous waste, solid, n.o.s., 9, NA3077, PG III Also contains trace radionuclides contains PCB Debris > 50 ppm	65	
1	ARA030207	Hazardous waste, solid, n.o.s., 9, NA3077, PG III Also contains trace radionuclides contains PCB Debris > 50 ppm	69	
1	ARA030208	Hazardous waste, solid, n.o.s., 9, NA3077, PG III Also contains trace radionuclides contains PCB Debris > 50 ppm	64	

# Idaho National Engineering and Environmental Radioactive PCB Waste Disposed or Shipped for Disposal Calendar Year 2003

QUANTITY	CONTAINER ID	DESCRIPTION	WEIGHT (Kg)	DATE OF DISPOSAL (2)
1	ARA030209	Hazardous waste, solid, n.o.s., 9, NA3077, PG III Also contains trace radionuclides contains PCB Debris > 50 ppm	65	
1	ARA030210	Hazardous waste, solid, n.o.s., 9, NA3077, PG III Also contains trace radionuclides contains PCB Debris > 50 ppm	66	
1	ARA030211	Hazardous waste, solid, n.o.s., 9, NA3077, PG III Also contains trace radionuclides contains PCB Debris > 50 ppm	61	
1	ARA030212	Hazardous waste, solid, n.o.s., 9, NA3077, PG III Also contains trace radionuclides contains PCB Debris > 50 ppm	61	
1	ARA030213	Hazardous waste, solid, n.o.s., 9, NA3077, PG III Also contains trace radionuclides contains PCB Debris > 50 ppm	71	
1	ARA030214	Hazardous waste, solid, n.o.s., 9, NA3077, PG III Also contains trace radionuclides contains PCB Debris > 50 ppm	75	
1	ARA990030	PPE	63	
1	ARA990031	Rocks / Concrete	164	
1	ARA990032	Pipe and Plastic	48	
1	ARA990033	Plastic & Wood	105	
1	ARA990034	PPE/Plastic	35	
1	ARA990044	Plastic	249	
1	ARA990045	PPE	63	
1	ARA990046	PPE & Plastic	51	
1	DDD020181	Debris for Direct Disposal from D&D&D of TAN 616	104	9/19/2003
1	DDD020202	Debris for Direct Disposal from D&D&D of TAN 616	989	9/19/2003
1	DDD020203	Debris for Direct Disposal from D&D&D of TAN 616	2,472	9/19/2003
1	INEL11031	Debris	10	8/1/2003
1	INEL11085	Debris, TAN 607	58	8/1/2003
1	INEL11938	Paint Chips	21	8/1/2003
1	INEL8991 (NRF)	Paint Chips w/PCBs	3	
1	INTC020177	Mixed Haz. Debris - Waste Processing Operations - WIR by Citation	3	
1	INTC030060	Mixed Haz. Debris - Waste Processing Operations - WIR by Citation	2,697	

EPA ID # ID4890008952

# Idaho National Engineering and Environmental Radioactive PCB Waste Disposed or Shipped for Disposal Calendar Year 2003

QUANTITY	CONTAINER ID	DESCRIPTION	WEIGHT (Kg)	DATE OF DISPOSAL (2)
1	INTC030063	Mixed Haz. Debris - Waste Processing Operations - WIR by Citation	2,059	
1	KWINEL860	HEPA Filters and Prefilters	59	
1	LCN-1058/1069 (NRF)	Radioactive material, excepted package-limited quantity of material, 7, UN2910, Fissile excepted	3,507	
1	MWSF990002	HEPA Filters and Prefilters	61	
1	MWSF990003	HEPA Filters and Prefilters	65	
1	MWSF990004	HEPA Filters and Prefilters	36	
1	MWSF990005	HEPA Filters and Prefilters	74	
1	MWSF990006	HEPA Filters and Prefilters	63	
1	NRF000096 (NRF)	HEPA Filters and Prefilters	6	
1	NRF000246 (NRF)	Paint Chips and Debris	58	
1	NRF000277 (NRF)	PCB Heavy Metal Debris/Asbestos	14	
1	NRF000323 (NRF)	RCRA/PCB Paint Chips and Debris	14	
1	NRF000414 (NRF)	Metal With PCB and Lead Paint	55	
1	NRF000415 (NRF)	Vacuum Cleaner/Paint Chips	47	
1	NRF000416 (NRF)	Vacuum Cleaner/Paint Chips/Asbestos	2	
1	NRF000456 (NRF)	RCRA/PCB Paint Chips & Cont. Debris	120	
1	NRF000457 (NRF)	PCB, Paint Chips, Wood	125	
1	NRF000475 (NRF)	PCB, Concrete, Paint Chips, Wood	6	
1	NRF000477 (NRF)	Paint Chips and Debris	47	
1	NRF000499 (NRF)	Vacuum Canister Hose	85	
1	NRF000500 (NRF)	Vacuum Canisters ECF-12	58	
1	NRF000501 (NRF)	Vacuum Canisters ECF-73	62	
1	NRF010144 (NRF)	Vacuum Canisters Vacuum Canister ECF-2 (Concrete and Paint Chip Debris) Vacuum Hose, & Gloves.	67	
1	NRF010155 (NRF)	Pentek Drum with Asbestos, NRF-10	61	
1	NRF010156 (NRF)	Pantek Drum AFX-5	58	

EPA ID # ID4890008952

**Idaho National Engineering and Environmental**  
**Radioactive PCB Waste Disposed or Shipped for Disposal**  
**Calendar Year 2003**

QUANTITY	CONTAINER ID	DESCRIPTION	WEIGHT (Kg)	DATE OF DISPOSAL (2)
1	NRF010236 (NRF)	PCB, Heavy Metal Debris	28	
1	NRF010355 (NRF)	Radioactive toxic debris from paint removal and clean-up activities; paint chips contain Ba Cd Cr Pb and PCBs	44	
1	NRF010356 (NRF)	Radioactive toxic debris from paint removal and clean-up activities; paint chips contain Ba Cd Cr Pb and PCBs	12	
1	NRF020039 (NRF)	Drum with Vacuum Canister NRF 46	54	
1	NRF020040 (NRF)	Drum with Vacuum Canister NRF 713	59	
1	NRF020187 (NRF)	PCB Heavy Metal Debris	13	
1	NRF020246 (NRF)	Drum with Vacuum Canister aff HEPA Vac 47	50	
1	NRF020252 (NRF)	PCB Paint Chips & Debris	25	
1	NRF030077 (NRF)	Radioactive RCRA, PCB Asbestos DEBRIS	90	
1	NRF030106 (NRF)	Waste Radioactive material, LSA, n.o.s., 7, UN2912 (D007 D008), Co-60 Sr-90 Cs-137 Cs-134 Zr-95 Ta-182 Co-58 Pu-238, solid oxide 1.984E-06 TBq LSA-II, Fissile Excepted, also contains PCBs debris	50	
1	NRF030118 (NRF)	Radioactive, PCB, Lead and Chromium contaminated Non-Incinerable Waste	43	
1	NRF030153 (NRF)	Waste Radioactive material, excepted package-limited quantity of material, 7, UN2910 Also contains PCBs Debris > 50 ppm	23	
1	NRF030154 (NRF)	Hazardous waste, solid, n.o.s., 9, NA3077, PGIII also contains trace radionuclides also contains PCBs debris > 50 ppm	11	
1	NRF030248 (NRF)	Hazardous waste, solid, n.o.s., 9, NA3077, PG III Also contains trace radionuclides contains PCB debris > 50 PPM	12	
1	NRF990028 (NRF)	PCB, RCRA, Paint chips from Quanterra	5	
1	NRF990038 (NRF)	PCB, RCRA, Paint chips, Heavy Metal Debris	48	
1	NRF990039 (NRF)	PCB, RCRA, Paint Chips, Heavy Metal Debris	19	
1	NRF990040 (NRF)	PCB, RCRA, Asbestos Debris	36	
1	NRF990112 (NRF)	PCB, Heavy Metal, Debris Paint Chips	56	
1	NRF990115 (NRF)	PCB, RCRA Pipe Flanges	63	
1	TAN020068	Debris for Direct Disposal from D&D&D of TAN 616	898	9/19/2003

# Idaho National Engineering and Environmental Radioactive PCB Waste Disposed or Shipped for Disposal Calendar Year 2003

QUANTITY	CONTAINER ID	DESCRIPTION	WEIGHT (Kg)	DATE OF DISPOSAL (2)
1	THCM029	Waste Radioactive material, SCO, 7, UN2913, Pu-238 Sr-90, solid oxide 1.338E-06 TBq SCO-II, Fissile Excepted, PCB Debris > 50 PPM	1,533	
1	THCM040	Waste Radioactive material, SCO, 7, UN2913, Pu-238 Sr-90, Pu-239 Am-241 Cs-137 solid oxide 3.468E-05 TBq SCO-II Fissile Excepted, PCB Debris > 50 ppm	975	
1	THCM047	Waste Radioactive material, n.o.s., 7, UN2982 Pu-238 Sr-90 Pu-239 Am-241 Cs-137, solid oxide, 1.1799E-04 TBq, Radioactive Yellow-II, TI - 0.5m, Fissile excepted, Type A Package, Contains paint with PC	3,402	
1	THCM048	Waste Radioactive material, SCO, 7, UN2913, Pu-238 Sr-90 Pu-239 Am-241 Cs-137, solid oxide 5.374E-05 TBq SCO-II, Fissile Excepted, exclusive use shipment, also contains PCB contaminated paint > 50 ppm	991	
1	THCM059	Waste Radioactive material, SCO, 7, UN2913, Pu-238 Sr-90, Pu-239 Am-241 Cs-137 solid oxide 5.562E-05 TBq SCO-II Fissile Excepted, PCB Debris > 50 ppm	974	
1	THCM064	Waste Radioactive material, SCO, 7, UN2913, Pu-238 Sr-90, Pu-239 Am-241 solid oxide 1.578E-05 TBq SCO-II Fissile Excepted, PCB Debris > 50 ppm	946	
1	THCM067	Waste Radioactive material, n.o.s., 7, UN2982 Pu-238 Sr-90 Pu-239 Am-241 Cs-137, solid oxide, 1.737E-04 TBq, Radioactive Yellow-II, TI - 0.5m, Fissile excepted, Type A Package, Contains paint with PCB	2,046	
1	THCM075	Waste Radioactive material, SCO, 7, UN2913, Pu-238 Sr-90 Pu-239 Am-241, solid oxide 2.62E-05 TBq SCO-II, Fissile Excepted, Exclusive use shipment, also contains PCB contaminated paint > 50 ppm	1,275	
1	THCM080	Waste Radioactive material, SCO, 7, UN2913, Pu-238 Sr-90 Pu-239 Am-241, solid oxide 2.62E-05 TBq SCO-II, Fissile Excepted, Exclusive use shipment, also contains PCB contaminated paint > 50 ppm	1,347	
1	THCM087	Waste Radioactive material, SCO, 7, UN2913, Pu-238, Sr-90 Pu-239, Am-241, cs-137, solid oxide 6.467E-05 TBq SCO-II, Fissile Excepted , Exclusive use shipment, also contains PCB contaminated paint > 50	1,024	
1	THCM099	Waste Radioactive material, SCO, 7, UN2913, Pu-238, Sr-90 Pu-239, Am-241, solid oxide 5.135E-05 TBq SCO-II, Fissile Excepted , Exclusive use shipment, also contains PCB contaminated paint > 50 ppm	1,822	
1	TRA000053	Debris from Sampling Activities at TRA	18	
1	TRA020249	PCB contaminated RCRA debris	135	
1	TRA990111	Debris from Sampling at TRA	43	

**Idaho National Engineering and Environmental  
Radioactive PCB Waste Disposed or Shipped for Disposal  
Calendar Year 2003**

QUANTITY	CONTAINER ID	DESCRIPTION	WEIGHT (Kg)	DATE OF DISPOSAL
			(2)	
1	VCO030053	Waste Radioactive material, LSA, n.o.s., 7, UN2912, Sr-90 Cs-137 U-234 Pu-239 Pu-240 Pu-238 Am-241, solid oxide 7.621E-04 TBq LSA II, Fissile Excepted, Exclusive Use Shipment, Contains PCB Debris > 50	886	
1	VCO030054	Waste Radioactive material, SCO, 7, UN2913, Sr-90 Cs-137 U-234 Pu-239 Pu-240 Pu-238 Am-241, solid oxide 2.932E-04 TBq SCO II, Fissile Excepted, Exclusive Use Shipment, contains PCB debris > 50 ppm	1,063	
1	VCO030057	Waste Radioactive material, surface contaminated object, 7, UN2913 SCO-II Sr-90 Cs137 U-234 Pu-239 Pu-240 Pu-238 Am-241, solid oxide 5.443E-03 TBq Fissile Excepted. Contains PCB debris > 50 ppm	4,082	
1	WAG010241	ARA-02 PPE and Debris	32	
1	WAG010242	ARA-02 PPE and Debris	34	
1	WAG010243	ARA-02 PPE and Debris	29	
1	WERF010403	PCB Contaminated Debris, originated at TAN-607	49	8/1/2003
1	WERF010404	PCB Contaminated Debris, originated at TAN-607	44	8/1/2003
1	WERF010406	PCB Contaminated Debris, originated at TAN-607	34	8/1/2003
1	WERF010407	PCB AND RADIOACTIVELY CONTAMINATED SOIL AND DEBRIS	49	8/1/2003
1	WERF010408	PCB AND RADIOACTIVELY CONTAMINATED SOIL AND DEBRIS	87	8/1/2003
1	WERF010409	PCB AND RADIOACTIVELY CONTAMINATED SOIL AND DEBRIS	46	8/1/2003
1	WERF010410	PCB AND RADIOACTIVELY CONTAMINATED SOIL AND DEBRIS	18	
1	WERF010411	PCB AND RADIOACTIVELY CONTAMINATED SOIL AND DEBRIS	4	
1	WERF010412	PCB AND RADIOACTIVELY CONTAMINATED SOIL AND DEBRIS	85	8/1/2003
1	WERF010413	PCB AND RADIOACTIVELY CONTAMINATED SOIL AND DEBRIS	16	
1	WERF010414	PCB AND RADIOACTIVELY CONTAMINATED SOIL AND DEBRIS	105	8/1/2003
1	WERF010416	PCB AND RADIOACTIVELY CONTAMINATED SOIL AND DEBRIS	68	8/1/2003
1	WERF010418	PCB AND RADIOACTIVELY CONTAMINATED SOIL AND DEBRIS	16	8/1/2003
1	WERF010419	PCB AND RADIOACTIVELY CONTAMINATED SOIL AND DEBRIS	22	8/1/2003
1	WERF010420	Paint Removal Waste (PCB contaminated)	3	
1	WERF010421	Mixed Waste (RCRA and PCB) Contaminated Incinerable Material from ARA-627 piping removal	4	8/1/2003

**Guano National Engineering and Environmental  
Radioactive PCB Waste Disposed or Shipped for Disposal  
Calendar Year 2003**

QUANTITY	CONTAINER ID	DESCRIPTION	WEIGHT (Kg)	DATE OF DISPOSAL
1	WERF010422	Mixed Waste (RCRA and PCB) Contaminated Incinerable Material from ARA-627 piping removal		(2)
1	WERF020055	Returned PCB rad samples from General Engineering Laboratories, Inc.	3	
1	WERF020064	Returned PCB rad samples from General Engineering Laboratories, Inc. and PPE generated gathering samples	32	8/1/2003
1	WERF030053	Hazardous waste, solid, n.o.s., 9 NA3077, PG III also contains trace radionuclides also contains PCB Debris >50 PPM	83	8/1/2003
			8	
Total Number of Items: 164			Total Weight	63,659

(1) Total Weight. Weights are rounded to the nearest kilogram.  
(2) Container date is used where the OOS date was unavailable.