



Westinghouse
Hanford Company

P.O. Box 1970 Richland, WA 99352

July 5, 1990

9051225 R1

Mr. R. D. Izatt, Director
Environmental Restoration Division
U.S. Department of Energy
Richland Operations Office
Richland, Washington 99352

Dear Mr. Izatt:

AMENDMENTS TO THE 1988 HANFORD SITE ANNUAL DANGEROUS WASTE REPORT

Reference: Letter, J. S. Chaitin, Washington State Department of Ecology, to A. J. Rizzo, U.S. Department of Energy-Richland Operations, "Return of 1988 TSD Facility Annual Reports for Site WA7890008967," dated May 29, 1990.

Attached are the amendments to the 1988 Hanford Site Annual Dangerous Waste Report in response to comments discussed in the reference. The following changes were made:

- o Dates other than 1988 were deleted. These dates previously indicated when waste was placed into storage. The instructions to complete the forms noted that if you manage your own waste stream this entry should be left blank.
- o The handling codes were correct as presented. However, the type font used does not provide a great distinction between a numeric character "zero" and an alphabetic character "o." The codes were retyped and footnotes were added for clarification.
- o The U231 code was corrected to F027.
- o The missing weight code "K" was added.

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Mr. R. D. Izatt
Page 2
July 5, 1990

If you have any questions, please contact Mr. J. O. Skolrud of my staff on 376-6180.

Very truly yours,



H. E. McGuire, Manager
Environmental and Waste Program
Integration Department

bd

Attachment

DOE-RL - R. O. Puthoff (w/o attachment)

HEHF - L. J. Maas

KEH - W. H. Bodily

PNL - T. D. Chikalla



Department of Energy

Richland Operations Office
P.O. Box 550
Richland, Washington 99352

Mr. J. S. Chaitin
Solid and Hazardous Waste Program
Hazardous Waste Information Unit
Olympia, Washington 98504

Dear Mr. Chaitin:

AMENDMENTS TO THE 1988 HANFORD SITE ANNUAL DANGEROUS WASTE REPORT

Reference: Letter, J. S. Chaitin, Washington State Department of Ecology, to A. J. Rizzo, U.S. Department of Energy-Richland Operations, "Return of 1988 TSD Facility Annual Reports for Site WA7890008967," dated May 29, 1990.

Enclosed are the amendments made to the 1988 Hanford Site Annual Dangerous Waste Report in response to the referenced letter. The following changes were made:

- o References to dates other than 1988 were deleted. These dates previously indicated when waste was placed into storage.
- o The handling codes were retyped to distinguish between a numeric "zero" and an alphabetic "o". Footnotes were added to clarify the codes.
- o The U231 code was corrected to F027.
- o The missing weight code "K" was added.

If you have any questions, please contact Ms. S. L. Trine of my staff on 376-6943.

Sincerely,

R. D. Izatt, Director
Environmental Restoration Division
Richland Operations Office

Enclosure

cc: H. E. McGuire, WHC, w/encl.

DISTRIBUTION COVERSHEET

Author

Addressee

Correspondence No.
9051225 R1

Subject

AMENDMENTS TO THE 1988 HANFORD SITE ANNUAL DANGEROUS WASTE REPORT

Internal Distribution

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X				X
X				X
X				X

1988 AMENDED

TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

1988

Form 5

13. YOUR EPA/STATE HAZARDOUS WASTE IDENTIFICATION NUMBER

WA 7 8 9 0 0 0 8 9 6 7

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER
[] [] [] [] [] [] [] []NAME: Sequoyah Fuels Corporation
ADDRESS: P. O. Box 315
Crescent, Oklahoma

ZIP: 73028

L I N E	15. WASTE IDENTIFICATION		C. S t a t u s	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e c h o d g h e	
	A. Manifest Document Number	B. Date Shipment Received										
1				S	OI	Radioactively-contaminated, toxic, persistent mixture containing methylene chloride from plant operations	S01C		WT01	WP01	RE	.01
2				S	OI	Radioactively-contaminated, toxic, persistent mixture containing trichloroethene from plant operations	"		WT01	WP01	RE	0.2
3				S	OI	Radioactively-contaminated, toxic, persistent mixture containing copper and trichloroethene from plant operations	"		WT01	WP01	RE	0.1
4				S	OI	Radioactively-contaminated, toxic, persistent mixture containing methylene chloride and trichloroethene from plant operations	"		WT01	WP01	RE	4.1
5				S	OI	Radioactively-contaminated, toxic, persistent mixture containing methylene chloride from plant operations	"		WT01	WP01	RE	1.4
6				S	OI	Radioactively-contaminated, toxic, persistent mixture containing methylene chloride from plant operations	"		WT01	WP01	RE	2.1
7				S	OI	Radioactively-contaminated, toxic, persistent mixture containing trichloroethene from plant opeartions	"		WT01	WP01	RE	1.9
8				S	OI	Radioactively-contaminated, toxic, persistent mixture containing methylene chloride and trichloroethene from plant operations	"		WT01	WP01	RE	1.8
9				S	I	Radioactively-contaminated, toxic, EP Toxic mixture containing lead from plant operations	"		WT01	D008	RE	22.3

16. COMMENTS (Enter information by section and/or line number—see instructions).

1988 AMENDED

TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

1988

Form 5

13. YOUR EPA/STATE HAZARDOUS WASTE
IDENTIFICATION NUMBER

WA 7 8 9 0 0 0 8 9 6 7

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

CA 3 8 9 0 0 9 0 0 0 1

NAME: Rockwell International - Rocketdyne Division
ADDRESS: 6633 Canoga Avenue
Canoga Park, California
ZIP: 91303

L I N E	15. WASTE IDENTIFICATION		C. S t a t u s	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E. Chemical Nature O=Organic I=Inorganic	F. Waste Description (see instructions)	G. Handling Method and Containment Vessel (see instructions)	H. Dangerous Waste Number (see instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e c i c g n t	
	A. Manifest Document Number	B. Date Shipment Received										
1				S	I	Radioactively-contaminated, toxic, EP Toxic mixture containing lead from plant operations	S01C		WT01	D008	RE	71.6
2	88012	092288		S	I	Radioactively-contaminated, toxic, EP Toxic mixture containing lead from plant operations	S01C		WT01	D008	RE	188.6
3	88012	092288		S	I	Radioactively-contaminated toxic, EP Toxic, carcinogenic mixture containing lead and beryllium from plant operations	S01C		WT01 WC01	D008	RE	147.7

16. COMMENTS (Enter information by section and/or line number—see instructions).

1988

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TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

1988

Form 5

13. YOUR EPA/STATE HAZARDOUS WASTE IDENTIFICATION NUMBER

WA 7 8 9 0 0 0 8 9 6 7

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA 7 8 9 0 0 0 8 9 6 7

NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington

ZIP: 99352

L I N E	15. WASTE IDENTIFICATION		C. S t a t u s	D. Physical State S=Soild L=Liquid G=Sludge M=Compressed Gas	E. Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K W e i g h t	
	A. Manifest Document Number	B. Date Shipment Received										
1		123188		SL	I	Radioactively-contaminated, toxic, corrosive, EP Toxic slurry of sodium hydroxide, sodium nitrite, cadmium, water, chromium, lead and silver from site operations	T570 T400	D002 D007 D011	D006 D008 WT01	RE	89,804,040	K

16. COMMENTS (Enter information by section and/or line number—see instructions).

Line 1: 242-A Evaporator. The Double-Shell Tank slurry is treated by evaporation and the concentrated waste is returned to the Double-Shell Tank Farms. The condensate from this process is treated in condensate filters and an ion exchange column prior to release to the retention basins.

Line 1: Column G, fourth digits, is the letter o for both codes.
(alphabetical)

1988

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TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

1988

Form 5

13. YOUR EPA/STATE HAZARDOUS WASTE IDENTIFICATION NUMBER

WA 7890008967

14. GENERATOR'S EPA/STATE I.D. NUMBER

ID. NUMBER

WA 7890008967

NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington

ZIP: 99352

LINE	15. WASTE IDENTIFICATION		C. S- tat- u- s	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E Chemical Nature O=Organic I=Inorganic	F. Waste Description (see instructions)	G. Handling Method and Containment Vessel (see instructions)	H. Dangerous Waste Number (see instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W- e- i- g- ht	
	A. Manifest Document Number	B. Date Shipment Received										
1				L	O	Radioactively-contaminated, spent, toxic, flammable methyl isobutyl ketone from plant operations	S02U		F003 D001	WT02	RD	60,943
2				L	OI	Radioactively-contaminated, spent, toxic, flammable solution of water, methyl isobutyl ketone, normal paraffin hydrocarbon, tributyl phosphate, phosphoric acid complexes and tars from plant operation	S02U		F003 D001	WT02	RD	54,576

16. COMMENTS (Enter information by section and/or line number—see instructions).

Line 1: Hexone Storage Tank 276-2-141/200 West Area.

Line 2: Hexone Storage Tank 276-2-142/200 West Area.

Lines 1 and 2: Approximately 200 gallons of water was added during pressure testing in 1988.

1988 AMENDED TSD FACILITY ANNUAL DANGEROUS WASTE REPORT 1988 Form 5

13. YOUR EPA/STATE HAZARDOUS WASTE IDENTIFICATION NUMBER

WA	7	8	9	0	0	0	8	9	6	7
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14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA	7	8	9	0	0	0	8	9	6	7
----	---	---	---	---	---	---	---	---	---	---

NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington
ZIP: 99352

L I N E	15. WASTE IDENTIFICATION		C. S t a t u s	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E. Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e i s h i	
	A. Manifest Document Number	B. Date Shipment Received										
1			S	S	I	Radioactively-contaminated, toxic, EP Toxic lead counterbalances from plant operations	S03W		D008	WT01	RE	138
2	123188		S	S	I	Radioactively-contaminated, toxic, EP Toxic lead counterbalances from plant operations	S03W		D008	WT01	RE	279

16. COMMENTS (Enter information by section and/or line number—see instructions).

Lines 1 and 2: PUREX Waste Piles. Radioactive process jumpers with lead counterbalances are stored in waste piles on the PUREX Canyon Deck.

13. YOUR EPA/STATE HAZARDOUS WASTE IDENTIFICATION NUMBER

WA 7 8 9 0 0 0 8 9 6 7

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA 7 8 9 0 0 0 8 9 6 7

NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington
ZIP: 99352

L I N E	15. WASTE IDENTIFICATION		C. S t a t u s	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K W e i g h t	
	A. Manifest Document Number	B. Date Shipment Received										
1				S	I	Radioactively-contaminated, toxic, EP Toxic lead counterbalances from plant operations	S01C		D008	WT01	RE	227 K
2				S	I	Radioactively-contaminated, toxic, EP Toxic silver salts and fines from plant operations	"		D011	WT01	RE	72 K
3				L	I	Radioactively-contaminated, toxic, EP Toxic mercury in stainless steel thermowells inside a failed dissolver from plant operations	"		D009	WT01	RE	45 K
4				L	I	Radioactively-contaminated, toxic, EP Toxic mercury in stainless steel thermowells inside a failed dissolver from plant operations	"		D009	WT01	RE	45 K
5				L	I	Radioactively-contaminated, toxic, EP Toxic mercury in stainless steel thermowells inside a failed dissolver from plant operations	"		D009	WT01	RE	38 K
6				S	I	Radioactively-contaminated, toxic, EP Toxic lead counterbalances from plant operations	"		D008	WT01	RE	2,533 K
7	051388			S	I	Radioactively-contaminated, toxic, EP Toxic lead counterbalances from plant operations	"		D008	WT01	RE	227 K
8	051388			S	I	Radioactively-contaminated, toxic, EP Toxic silver salts and fines from plant operations	"		D011	WT01	RE	72 K

16. COMMENTS (Enter information by section and/or line number—see instructions).

Line 1: PUREX Tunnel #1: Containerized wastes are stored on portable rail cars.

Lines 2-8: PUREX Tunnel #2: Containerized wastes are stored on portable rail cars.

1988 AMENDED

TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

1988

Form 5

13. YOUR EPA/STATE HAZARDOUS WASTE IDENTIFICATION NUMBER					14. GENERATOR'S EPA/STATE I.D. NUMBER		NAME: U.S. Department of Energy - Hanford Site ADDRESS: 2400 Stevens Drive Richland, Washington ZIP: 99352						
					I.D. NUMBER	WA 7 8 9 0 0 0 8 9 6 7							
LINE	15. WASTE IDENTIFICATION		C. S t a t u s	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E Chemical Nature O=Organic I=inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e c i c g r e n i		
	A. Manifest Document Number	B. Date Shipment Received											
1			L	O	TOXIC, PERSISTENT IGNITABLE MAGNAFLUX PENTREX: <5% FLUORANTHENE, <50% PETROLEUM DISTILLATES, <45% KEROSENE FROM PLANT OPERATIONS		S01C		WT02 D001	WP03	EHW	7.0	K
2			S	I	TOXIC, CORROSIVE TURCO SPRAYEZE: 60% SODIUM CARBONATE, 25% SODIUM METASILICATE, 10% SODIUM TRIPOLY PHOSPHATE FROM PLANT OPERATIONS		"		WT02	D002	DW	100.0	K
3			S	I	TOXIC, CARCINOGENIC, EP TOXIC MAGNAFLUX ZYGLO DEVELOPER: .2% SODIUM DICHLROMATE, BALANCE NONHAZARDOUS FROM PLANT OPERATIONS		"		WT02 D007	WC01	EHW	6.0	K
4			S	I	TOXIC REFRACORY CEMENT MORTAR: 15-22% SODIUM SILICATE, >30% SILICA, BALANCE NONHAZARDOUS FROM PLANT OPERATIONS		"		WT02		DW	45.0	K
5			S	O	TOXIC, CORROSIVE TRICHLOROACETIC ACID FROM LABS		"		WT02 D002		DW	1.8	K
6			L	I	TOXIC, CARCINOGENIC, CORROSIVE, EP TOXIC MIXTURE CONTAINING: 20% MERCURIC CHLORIDE, 10% POTASSIUM DICHLROMATE, 5% SODIUM SULFATE, 65% WATER FROM LABS		"		WT01 D002 D009	WC01 D007	EHW	0.12	K
7			L	I	TOXIC, CORROSIVE MIXTURE CONTAINING 5% SULFURIC ACID, 17.5% COPPER SULFATE PENTAHYDRATE, 77.5% WATER FROM LABS		"		WT01	D002	EHW	1.0	K
8			L	OI	TOXIC, CARCINOGENIC, CORROSIVE MIXTURE CONTAINING 1.4% PICRIC ACID, 24.0% FORMALDEHYDE SOLUTION, 5.0% GLACIAL ACETIC ACID, 69.6% WATER FROM LABS		"		WT01 D002	WC01	EHW	3.8	K
9			L	O	TOXIC, CORROSIVE, IGNITABLE MIXTURE CONTAINING 40% GLYCOL METH-ACRYLATE, 10% BENZOYL PEROXIDE, 50% SODIUM HYDROXIDE FROM LABS		"		WT01 D001	D002	EHW	0.32	K

16. COMMENTS (Enter information by section and/or line number—see instructions).

1988

AMENDED

TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

1988

Form 5

13. YOUR EPA/STATE HAZARDOUS WASTE
IDENTIFICATION NUMBER

WA 7 8 9 0 0 0 8 9 6 7

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA 7 8 9 0 0 0 8 9 6 7

NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington

ZIP: 99352

L I N E	15. WASTE IDENTIFICATION		C. S t a t u s	D. Physical State S=Solid L=Liquid 	E Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e C o d e n t	
	A. Manifest Document Number	B. Date Shipment Received										
1				S	O	TOXIC KODALITH DEVELOPER, PART A: 80-85% SODIUM FORMALDEHYDE BISULFITE, 15-20% HYDROQUINONE FROM FILM PORCESSING	S01C	WT01	EHW	0.45	K	
2				L	OI	TOXIC VGC PHOTOGRAPHIC FIXER: <90% WATER, <15% AMMONIUM THIOSULFATE, <5% ACETIC ACID FROM FILM PROCESSING	"	WT02	DW	2.0	K	
3				L	I	TOXIC POS ONE RINSE ADDITIVE: 85% WATER, <10% SODIUM BISULFITE, <5% SODIUM CARBONATE FROM FILM PROCESSING	"	WT02	DW	0.36	K	
-				L	OI	TOXIC VGC PHOTOGRAPHIC DEVELOPER: <90% WATER, <10% POTASSIUM SULFITE, <5% HYDROQUINONE, <5% SODIUM CARBONATE, <0.5% POTASSIUM HYDROXIDE FROM FILM PROCESSING	"	WT02	DW	2.0	K	
5				L	OI	TOXIC D-76 KODAK DEVELOPER: 85-90% SODIUM SULFITE, 1-5% HYDROQUINONE, 1-5% P-METHYL AMINOPHENOL SULFATE, 1-5% SODIUM TETRABORATE PENTAHYDRATE, 1-5% BORIC ANHYDRIDE FROM FILM PROCESSING	"	WT02	DW	0.08	K	
6				L	I	TOXIC, CORROSIVE KODAK ROYAL PRINT ACTIVATOR: 5-10% POTASSIUM HYDROXIDE, WATER, SURFACTANTS FROM FILM PROCESSING	"	WT02	D002	DW	3.0	K
7				S	I	CORROSIVE KODAK DEVELOPER, PART B: 95-99% ALKALI CARBONATE, BICARBONATE MIXTURE FROM FILM PROCESSING	"	D002	DW	0.45	K	
8				L	I	TOXIC, CORROSIVE 70% HYDROFLUORIC ACID SOLUTION FROM LABS	"	U134 D002	WT01	EHW	0.015	K
9				L	O	TOXIC, PERSISTENT, CARCINOGENIC CHLOROFORM FROM LABS	"	U044 WC02	WT01 WP01	EHW	0.03	K

16. COMMENTS (Enter information by section and/or line number—see instructions).

1988 AMENDED

TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

1988

Form 5

13. YOUR EPA/STATE HAZARDOUS WASTE IDENTIFICATION NUMBER

WA 7 8 9 0 0 0 8 9 6 7

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA 7 8 9 0 0 0 8 9 6 7

NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington

ZIP: 99352

L I N E	15. WASTE IDENTIFICATION		C. S t a t u s	D. Physical State S=Solid L=Liquid 	E. Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e c o d g h i	
	A. Manifest Document Number	B. Date Shipment Received										
1				L	I	TOXIC, EP TOXIC MERCURY, METALLIC FROM PLANT OPERATIONS	S01C		U151 0009	WT01	EHW	60.4
2				S	I	CARCINOGENIC, IGNITABLE, REACTIVE LITHIUM BATTERIES FROM LABS	"		WC01 D003	D001	EHW	1.0
3				S	I	TOXIC, EP TOXIC MERCURY CONTAMINATED GLASSWARE FROM LABS	"		WT01	D009	EHW	1.0
4				S	I	EP TOXIC SELENIUM OXYCHLORIDE FROM LABS	"		D010		EHW	1.8
5				L	O	TOXIC, CARCINOGENIC, IGNITABLE BENZENE FROM LABS	"		U019 WC01	WT01 D001	EHW	0.03
6				L	O	TOXIC, IGNITABLE XYLENE FROM LABS	"		U239 D001	WT01	EHW	0.05
7				L	O	TOXIC, IGNITABLE BUTYL ACETATE FROM LABS	"		WT01	D001	EHW	0.48
8				L	O	IGNITABLE HEXANE FROM LABS	"		D001		DW	2.0
9				L	I	TOXIC, CORROSIVE SOLUTION CONTAINING 85% SULFURIC ACID, 15% NITRIC ACID FROM LABS	"		WT01	D002	EHW	16.0
10				L	I	TOXIC, CORROSIVE 48% HYDROFLUORIC ACID SOLUTION FROM LABS	"		WT01	D002	EHW	0.29

16. COMMENTS (Enter information by section and/or line number—see instructions).

1988

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TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

1988

Form 5

13. YOUR EPA/STATE HAZARDOUS WASTE IDENTIFICATION NUMBER WA 7890008967					14. GENERATOR'S EPA/STATE I.D. NUMBER I.D. NUMBER WA 7890008967			NAME: U.S. Department of Energy - Hanford Site ADDRESS: 2400 Stevens Drive Richland, Washington ZIP: 99352				
LINE	15. WASTE IDENTIFICATION		C. S t a t u s S=Solid L=Liquid G=Sludge M=Compressed Gas	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E Chemical Nature O=Organic I=inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)		H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e c i c h -
	A. Manifest Document Number	B. Date Shipment Received					G.	H.				
1			L	I	CORROSIVE SOLUTION CONTAINING 0.5% SODIUM HYDROXIDE, 0.0005% POTASSIUM HYDROXIDE FROM PLANT OPERATIONS	S01C		D002		DW	200.0	K
2			L	O	SPENT, TOXIC MIXTURE CONTAINING 53% ALIPHATICS, 3% PHENANTHRENE, 1% NAPHTHALENE, 1% XYLENE, 2% TRIMETHYLCYCLOHEXANE, 15% TRIMETHYL BENZENES, 14% AMINES FROM PLANT OPERATIONS	"		F003	WT01	EHW	200.0	K
3			L	O	SPENT, TOXIC, CARCINOGENIC 31% C12-C23 ALIPHATICS, 12% XYLENE, 11% ALCOHOL, 8% METHYL CYCLOHEXANE, 7% INDENE AT C11, 9% C9-C12 ALIPHATICS, 5% METHYL ANTHRACENE, 5% C14 (AROMATIC), 4% TRIMETHYL CYCLOHEXANE, 4% DIMETHYLETHYLBENZENE, 2% NAPHTHALENE, 2% METHYLNAPHTHALENE, <1% CHRYSENE, <1% BIS (2-ETHYLHEXYL) PHTHALATE FROM PLANT OPERATIONS	"		F003 WC02	WT01	EHW	200.0	K
4			L	O	TOXIC 69% C17-C28 ALIPHATICS, 12% ALKYLBENZENE, 9% Methyl PHENOL, 1% NAPHTHALENE, 2% DIMETHYL PHENOL, 7% SUBSTITUTED NAPHTHALENES FROM PLANT OPERATIONS	"		WT02		DW	200.0	K
5			L	O	TOXIC 72% C11-C22 ALIPHATICS, 7% SUBSTITUTED NAPHTHALENES, 1% NAPHTHALENE, 6% C9-C10 ALIPHATICS, 7% ALCOHOL AT C12, 5% CYCLOHYDROCARBON AT C17, <1% EACH: ACENAPHTHENE, FLUORENE, PHENANTHRENE FROM PLANT OPERATIONS	"		WT01		EHW	200.0	K
6			L	O	TOXIC 91% C10-C24 ALIPHATICS, 4% SUBSTITUTED NAPHTHALENES, <1% EACH: NAPHTHALENE, FLUORENE, PHENANTHRENE, PYRENE FROM PLANT OPERATIONS	"		WT01		EHW	200.0	K
7			L	O	TOXIC, CARCINOGENIC 93% C10-C25 ALIPHATICS, 2% SUBSTITUTED PHENOLS, 1% Methyl NAPHTHALENE, <1% EACH: PHENOL, NAPHTHALENE, SUBSTITUTED NAPHTHALENES, ACENAPHTHENE, FLUORENE, PHENANTHRENES, PYRENES, CHRYSENE, DIBENZOFURAN FROM PLANT OPERATIONS	"		WT01 WC02	WT01	EHW	200.0	K

16. COMMENTS (Enter information by section and/or line number—see instructions).

1988

AMENDED

TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

1988

Form 5

13. YOUR EPA/STATE HAZARDOUS WASTE IDENTIFICATION NUMBER

WA 7 8 9 0 0 0 8 9 6 7

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA 7 8 9 0 0 0 8 9 6 7

NAME: U.S. Department of Energy - Hanford Site

ADDRESS: 2400 Stevens Drive
Richland, Washington

ZIP: 99352

L I N E	15. WASTE IDENTIFICATION		C. S t a t u s	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E. Chemical Nature O=Organic I=Inorganic	F. Waste Description (see instructions)	G. Handling Method and Containment Vessel (see instructions)	H. Dangerous Waste Number (see instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e s t i c o n h i t	
	A. Manifest Document Number	B. Date Shipment Received										
1			L	O		TOXIC 94% C11-C22 ALIPHATICS, 2% C9-C10 HYDROCARBONS, 1% METHYLNAPHTHALENE, 1% CYCLO HYDROCARBON AT C12, <1% EACH NAPHTHALENE, FLUORENE, PHENANTHRENE FROM PLANT OPERATIONS	S01C	WT01	EHW	200.0	K	
2			L	O		TOXIC 96% C10-C24 ALIPHATICS, <1% EACH: HYDROCARBON AT C9, NAPHTHALENES, PYRENE, PHENANTHRENE, ALCOHOL AT C17, CYCLOHYDROCARBON AT FROM PLANT OPERATIONS	"	WT01	EHW	200.0	K	
3			L	O		TOXIC 98% C10-C24 ALIPHATICS, <1% EACH: ALKYL BENZENES, METHYL NAPHTHALENE, BRANCHED INDENE, XYLENE, TRIMETHYL HEXANE FROM PLANT OPERATIONS	"	F003	WT02	DW	200.0	K
4			L	O		TOXIC, IGNITABLE, AMYL ACETATE FROM LABS	"	WT01	D001	EHW	0.45	K
5			L	O		TOXIC, IGNITABLE BUTYL ALCOHOL FROM LABS	"	U031 D001	WT01	EHW	0.90	K
6			L	O		TOXIC, IGNITABLE ETHYL ACETATE FROM LABS	"	U112 D001	WT02	DW	1.2	K
7			L	O		TOXIC, IGNITABLE METHYL ISOBUTYL KETONE FROM LABS	"	U161 D001	WT02	DW	0.7	K
8			L	O		TOXIC, IGNITABLE METHYL ALCOHOL FROM LAB	"	U154 D001	WT02	DW	0.35	K

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	A. Manifest Document Number	B. Date Shipment Received										
1			L	O		TOXIC, PERSISTENT, IGNITABLE, BROWN INDICATING LIQUID: 1,1,2,2-TETRABROMETHANE 14%, BROMINATED ETHYL BENZENE ISOMER 86%, BROWN DYE <1% FROM LABS	S01C		WT01 D001	WP01	EHW	0.3
2			L	O		TOXIC, IGNITABLE PYRIDINE FROM LABS	"		U196 D001	WT01	EHW	1.35
3			L	O		IGNITABLE PEG HAND SOLUTION: 48% POLYETHYLENE GLYCOL, 48% DENATURED ETHYL ALCOHOL, 4% WATER FROM LABS	"		D001		DW	0.900
4			L	O		TOXIC, IGNITABLE, REACTIVE BUTYRONITRILE FROM LABS	"		WT01 D003	D001	EHW	0.1
5			L	O		TOXIC, PERSISTENT, IGNITABLE BROMOBENZENE FROM LABS	"		WT02 D001	WP01	EHW	2.0
6			L	O		TOXIC 2-ETHYL-1-HEXANOL FROM LABS	"		WT02		DW	1.4
7			L	O		TOXIC, IGNITABLE ETHYLENE GLYCOL MONOETHYLEETHER FROM LABS	"		WT02	D001	DW	1.2
8			L	O		TOXIC HEXANOL FROM LABS	"		WT02		DW	0.45
9			L	O		IGNITABLE WASTE KEROSENE FROM LABS	"		D001		DW	0.45

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	A. Manifest Document Number	B. Date Shipment Received										
1			L	O		TOXIC, CORROSIVE DI(2-ETHYL HEXYL)PHOSPHORIC ACID FROM LABS	S01C	WT02	D002	DW	6.0	K
2			L	O		TOXIC, CORROSIVE TRICHLORACETIC ACID SOLUTION FROM LABS	"	WT02 D002		DW	0.1	K
3			L	O		TOXIC, CORROSIVE PHENYLDISULFONIC ACID FROM LABS	"	D002	WT02	DW	0.45	K
4			L	I		CORROSIVE, REACTIVE, HYDRIODIC ACID 47% SOLUTION FROM LABS	"	D002	D003	DW	0.45	K
5			S	I		CORROSIVE, REACTIVE PHOSPHOROUS PENTOXIDE 98%, WATER 2% FROM LABS	"	D002	D003	DW	0.2	K
5			L	O		TOXIC, CARCINOGENIC, PERSISTENT CHLOROFORM FROM LABS	"	U044 WC01	WT01 WP01	EHW	0.45	K
7			L	O		CARCINOGENIC, TOXIC FORMALDEHYDE SOLUTION FROM LABS	"	U122 WT01	WC01	EHW	3.8	K
3			L	I		TOXIC SODIUM HYPOCHLORITE 5%, WATER 95% FROM LABS	"	WT01		EHW	0.45	K
9			L	OI		TOXIC, PERSISTENT, METHYL TRICAPRYLYL AMMONIUM CHLORIDE FROM LABS	"	WT01	WP01	EHW	1.0	K
10			L	O		TOXIC TETRAETHYLENE GLYCOL FROM LABS	"	WT02		DW	0.75	K

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WA 7890008967

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA 7890008967

NAME: U.S. Department of Energy - Hanford Site

ADDRESS: 2400 Stevens Drive
Richland, Washington

ZIP: 99352

L I N E	15. WASTE IDENTIFICATION		C. S t a t u s	D. Physical State S=Solid L=Liquid 	E Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e i c h e t	
	A. Manifest Document Number	B. Date Shipment Received										
1			L	O		TOXIC, PERSISTENT #100 RED UNITY OIL: 55% MONOCHLORONAPHTHALENE, 45% PETROLEUM OIL, TRACE RED DYE FROM LABS	S01C	WT02	WP01	EHW	1.0	K
2			L	I		TOXIC CUPRIC SULFATE 10% SOLUTION FROM LABS	"	WT01		EHW	1.17	K
3			L	O		PERSISTENT N-DIBROMOBENZENE FROM LABS	"	WP01		EHW	0.015	K
4			L	O		TOXIC, PERSISTENT MINERAL OIL 60%, CHLORONAPHTHALENE 40%, BLUE DYE <1% FROM LABS	"	WT01	WP01	EHW	0.9	K
5			L	O		PERSISTENT FC-43 FLUORINERT: 100% TERTIARY-FLUOROTRIALKYLAMINE FROM LABS	"	WP01		EHW	1.0	K
6			L	O		TOXIC 3,5-DI-TERT-BUTYL CATECHOL 100% FROM LABS	"	WT01		EHW	0.025	K
7			S	I		TOXIC CUPRIC SULFATE FROM LABS	"	WT01		EHW	1.10	K
8			L	I		TOXIC SODIUM SILICATE 38% SOLUTION FROM LABS	"	WT02		DW	0.45	K
9			L	I		CORROSIVE, REACTIVE 48% HYDROBROMIC ACID SOLUTION FROM LABS	"	D002	D003	DW	0.85	K
10			S	I		TOXIC, CARCINOGENIC, EP TOXIC CRUSHED FLUORESCENT TUBES: 97% GLASS, 2.82% CALCIUM CHLOROFUOROPHOSPHATE, .03% CADMIUM, .03% MERCURY, .06% MANGANESE, .06% ANTIMONY FROM PLANT OPERATIONS	"	WT01 D009	WC02 D006	EHW	250.0	K

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13. YOUR EPA/STATE HAZARDOUS WASTE IDENTIFICATION NUMBER WA 7 8 9 0 0 0 8 9 6 7						14. GENERATOR'S EPA/STATE I.D. NUMBER WA 7 8 9 0 0 0 8 9 6 7		NAME: U.S. Department of Energy - Hanford Site ADDRESS: 2400 Stevens Drive Richland, Washington ZIP: 99352						
15. WASTE IDENTIFICATION		C.	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E Chemical Nature O=Organic I=Inorganic	F. Waste Description (see instructions)				G. Handling Method and Containment Vessel (see instructions)	H. Dangerous Waste Number (see instructions)	I. Waste Designation DW or EHW	J. Amount of Waste	K. Waste Ident.	
LINE	A. Manifest Document Number	B. Date Shipment Received	S t u s											
1			L	O	TOXIC, PERSISTENT, CORROSIVE A-40 STRIPPING SOLUTION: "30% PHENOL, "30% DICHLOROBENZENE, "5% DODECYLBENZENESULFONIC ACID, "5% TOLUENE SULFONIC ACID OR PHENOLSULFONIC ACID, "30% DODECYLBENZENE FROM LABS				SO1C	WT01 D002	WP01	EHW	4.0	K
2			L	I	TOXIC, CORROSIVE 37.8% NITRIC ACID SOLUTION FROM LABS				"	WT01	D002	EHW	30.0	K
3			S	I	TOXIC, CORROSIVE, REACTIVE LITHIUM CHLORIDE BATTERIES: 5% LITHIUM, 50% THIONYL CHLORIDE, 5% ALUMINUM CHLORIDE FROM LABS				"	WT01 D003	D002	EHW	5.2	K
4			L	O	TOXIC, IGNITABLE MIXTURE CONTAINING: 60% XYLENE, 8.2% 2-ETHOXYETHANOL, 31.8% SURFACTANTS FROM LABS				"	WT01	D001	EHW	1.0	K
5			L	I	TOXIC, IGNITABLE, CORROSIVE, EP TOXIC MIXTURE CONTAINING 0.25% GALLIUM ARSENIDE, 50% NITRIC ACID, 49.75% WATER FROM LABS				"	WT01 D002	D001 D004	EHW	0.38	K
6			L	I	SPENT, TOXIC, CORROSIVE 15% NITRIC ACID, 1% HEXONE, 7% COBALT NITRATE, 77% WATER FROM LABS				"	F003 D002	WT01	EHW	2.5	K
7			L	O	SPENT, TOXIC, IGNITABLE, CORROSIVE, REACTIVE MIXTURE CONTAINING 15% ACRYLIC ACID, 60% METHYL LACTATE, 10% METHYL ACRYLATE, 13% METHYL ALCOHOL, 2% ACETALDEHYDE FROM LABS				"	F003 D001 D003	WT01 D002	EHW	2.5	K
8			L	I	TOXIC, IGNITABLE, REACTIVE CARBON DISULFIDE FROM LABS				"	P022 D001	WT02 D003	DW	0.2	K

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13. YOUR EPA/STATE HAZARDOUS WASTE
IDENTIFICATION NUMBER

WA 7 8 9 0 0 0 8 9 6 7

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA 7 8 9 0 0 0 8 9 6 7

NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
. Richland, Washington

ZIP: 99352

L I N E	15. WASTE IDENTIFICATION		C. S t a t u s	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e i c o n s h e t		
	A. Manifest Document Number	B. Date Shipment Received											
1				L	O	SPENT, TOXIC, PERSISTENT, IGNITABLE, REACTIVE 40% ACETONE, 30% HEPTANE, 28% DICHLOROMETHANE, 1% BENZENE, 1% ACETONITRILE FROM LABS	S01C		F002 F005 WP01 D003	F003 WT01 D001	EHW	8.0	K
2				L	O	SPENT, TOXIC, PERSISTENT, IGNITABLE, REACTIVE 25% ACETONITRILE, 50% METHYLENE CHLORIDE, 25% ACETONE FROM LABS	"		F002 WT01 D001 WC01	F003 WP01 D003	EHW	4.0	K
3				L	O	TOXIC, CARCINOGENIC, IGNITABLE BENZENE FROM LABS	"		U019 WC02	WT01 D001	EHW	0.2	K
4				L	O	SPENT, TOXIC, PERSISTENT, IGNITABLE 50% ACETONE, 25% DICHLOROMETHANE, 15% CYCLOHEXANONE, 10% CYCLOHEXANE FROM LABS	"		F002 WT01 D001	F003 WP01	EHW	2.0	K
5				L	O	SPENT, TOXIC, IGNITABLE 45% TOLUENE, 5% ACETONE, 50% HEPTANE FROM LABS	"		F003 WT01	F005 D001	EHW	4.0	K
6				L	O	SPENT, IGNITABLE 5% ACETONE, 95% WOOD TAR FROM LABS	"		F003	D001	DW	4.0	K
7				L	O	SPENT, TOXIC, CARCINOGENIC, IGNITABLE, REACTIVE 95% BENZENE, 3% TRIMETHYL TIN HYDRIDE, 2% TRIMETHYL TIN CHLORIDE FROM LABS	"		WT01 D001 D003	WC02 F005	EHW	0.001	K
8				L	O	SPENT, CARCINOGENIC, IGNITABLE, PERSISTENT, TOXIC 30% TETRAHYDROFURAN, 20% ACETONE, 20% METHANOL, 10% CHLOROFORM, 10% HEXANE, 10% WATER FROM LABS	"		WC01 WP01 F003	D001 WT01	EHW	4.0	K

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IDENTIFICATION NUMBER

WA 7890008967

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA 7890008967

NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington

ZIP: 99352

15. WASTE IDENTIFICATION		C.	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e i o g h i
1	A. Manifest Document Number	B. Date Shipment Received	L	O	IGNITABLE PETROLEUM ETHER FROM LABS	S01C	D001	DW	1.4	K
2			S	I	IGNITABLE, REACTIVE CESIUM METAL FROM LABS	"	D001	D003	DW	0.01
3			L	I	TOXIC, EP TOXIC MERCURY FROM LABS	"	U151 D009	WT01	EHW	4.50
4			L	I	TOXIC, EP TOXIC 50% MERCURY, 50% GLASS FROM LABS	"	U151 D009	WT01	EHW	1.5
5			L	I	TOXIC, IGNITABLE, CORROSIVE 90% NITRIC ACID SOLUTION FROM LABS	"	WT01 D002	D001	EHW	0.1
6			L	I	TOXIC, CARCINOGENIC, IGNITABLE, CORROSIVE, EP TOXIC 63% CHROMIC ACID SOLUTION FROM LABS	"	WT01 D001 D007	WC01 D002	EHW	4.0
7			L	I	TOXIC, CORROSIVE 48% HYDROFLUORIC ACID SOLUTION FROM LABS	"	U134 D002	WT01	EHW	1.5
8			L	I	TOXIC, CORROSIVE, EP TOXIC 10% SODIUM HYDROXIDE SOLUTION WITH <0.1% ARSENIC FROM LABS	"	WT01 D004	D002	EHW	12.0
9			L	I	TOXIC, CORROSIVE 56.1% PHOSPHORIC ACID SOLUTION FROM LABS	"	WT02	D002	DW	1.0
10			L	O	TOXIC, CORROSIVE DI-(2-ETHYLHEXYL) PHOSPHORIC ACID FROM LABS	"	WT01	D002	EHW	0.8

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LINE	A. Manifest Document Number	B. Date Shipment Received	C. S t a t u s								
1			L	O	TOXIC, CORROSIVE 99.7% ACETIC ACID SOLUTION FROM LABS	S01C	WT01 D002	EHW	1.5	K	
2			S	OI	PCB CONTAMINATED MATERIALS: 2% GLASSWARE, 10% PROTECTIVE CLOTHING, 80% PLASTIC SHEETING AND POLY BAGS, 8% SOIL WITH <50 PPM PCB'S FROM TRANSFORMER CLEANUP	"	W001	DW	45.0	K	
3			L	I	TOXIC, CORROSIVE, EP TOXIC 98.9% WATER, .5% MERCURY, .2% PHOSPHORIC ACID, .2% NITRIC ACID, .2% POTASSIUM PERSULFATE FROM LABS	"	WT01 D009	D002	EHW	18.0	K
4			L	O	CORROSIVE 50% SODIUM DTPA SOLUTION FROM PLANT OPERATIONS	"	D002	DW	270.0	K	
5			L	I	CORROSIVE, IGNITABLE 50% ALUMINUM NITRATE SOLUTION FROM PLANT OPERATIONS	"	D001	D002	DW	45.0	K
6			L	O	TOXIC, PERSISTENT RESIDUE OF DEARBORN 4690 CONTAINING .5% PENTACHLOROPHENOL FROM PLANT OPERATIONS	"	WT01 F027	WP02	EHW	<.5	K
7			L	O	SPENT, TOXIC, IGNITABLE MIXTURE CONTAINING LACTOL SPIRITS, TOLUENE, ETHYL ALCOHOL, ACETONE, BUTYL ACETATE, XYLENE, METHYL AMYL KETONE, METHYL ETHYL KETONE FROM PAINT OPERATIONS	"	F003 WT01	F005 D001	EHW	92.0	K
8			L	OI	SPENT, TOXIC, IGNITABLE, PERSISTENT, CARCINOGENIC, EP TOXIC MIXTURE OF PAINTS AND SOLVENTS CONTAINING METHYLENE CHLORIDE, ACETONE, TOLUENE, LEAD AND CHROMIUM FROM PAINT OPERATIONS	"	F002 F005 D001 WC01 D008	F003 WT01 WP01 D007	EHW	80.0	K

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	A. Manifest Document Number	B. Date Shipment Received										
1			L	OI		SPENT, TOXIC, PERSISTENT, CARCINOGENIC, IGNITABLE, EP TOXIC NORLINE TRAFFIC PAINT (YELLOW)-14% PETROLEUM NAPHTHA, 14% METHYLENE CHLORIDE, 5% TOLUENE, 3% LEAD CHROMATE, 2% ACETONE; (WHITE)-12% METHYLENE CHLORIDE, 12% PETROLEUM NAPHTHA, 5% TOLUENE, 4% ACETONE, 2% METHYL ETHYL KETONE FROM PAINT OPERATIONS	S01C	F002 F005 WC01 D007	F003 WT01 D001 D008	EHW	158.0	K
2			L	O		TOXIC, IGNITABLE ISOOCOTANE FROM LABS	"	WT02	D001	DW	1.5	K
3			L	O		SPENT, TOXIC, PERSISTENT, IGNITABLE, CARCINOGENIC MIXTURE: 20% PROPYANOL, 20% FREON 113, 11% WATER, 8% METHYLENE CHLORIDE, 6% ACETONE, 5% METHANOL, 5% TOLUENE, 5% ISOOCOTANE, 5% HEXANE, 4% Methyl ISOBUTYL KETONE, 4% ALIPHATICS, 3% PYRIDINE, 2% PETROLEUM ETHER, 2% CHLOROFORM FROM LABS	"	F002 F005 WP01 WC01	F003 WT01 D001	EHW	4.50	
4			L	O		SPENT, TOXIC, PERSISTENT, IGNITABLE 89% FREON 113, 10% Methyl ISOBUTYL KETONE, 1% METHYLENE CHLORIDE FROM LABS	"	F002 WT02 D001	F003 WP01 WC01	EHW	12.0	K
5			S	I		TOXIC, CARCINOGENIC, EP TOXIC CRUSHED FLUORESCENT TUBES: 97.0% GLASS, 2.82% CALCIUM CHLOROFUOROPHOSPHATE, 0.03% CADMIUM, 0.06% ANTIMONY, 0.03% BARIUM, 0.06% MANGANESE, 0.003% MERCURY FROM PLANT OPERATIONS	"	WT01 D006	WC02 D009	EHW	272.0	K
6			L	O		TOXIC 95% ETHYLENE GLYCOL SOLUTION FROM PLANT OPERATIONS	"	WT02		DW	19.0	K
7			L	O		TOXIC MIXTURE CONTAINING 85% DIETHYLENE GLYCOL MONOETHYL ETHER, 10% HEXYLENE GLYCOL, 3% PROPYLENE GLYCOL, 2% WATER FROM PLANT OPERATIONS	"	WT01		EHW	3.0	K

16. COMMENTS (Enter information by section and/or line number—see instructions).

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TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

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Form 5

13. YOUR EPA/STATE HAZARDOUS WASTE IDENTIFICATION NUMBER

WA 7 8 9 0 0 0 8 9 6 7

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA 7 8 9 0 0 0 8 9 6 7

NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington
ZIP: 99352

L I N E	15. WASTE IDENTIFICATION		C. S t a t u s D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e C o c h e r	
	A. Manifest Document Number	B. Date Shipment Received									
1			L	O	SPENT, TOXIC, PERSISTENT, IGNITABLE MIXTURE CONTAINING 12% 1,1,1-TRICHLOROETHANE, 1% P-DIOXANE, 51% C9-C10 ALIPHATICS, 36% C11-C15 ALIPHATICS FROM PLANT OPERATIONS	S01C	WT01 D001	WP01 F002	EHW	13.0	K
2			L	O	IGNITABLE MIXTURE CONTAINING 19% C9-C10 ALIPHATICS, 1% METHOXYANTHRACENE, 80% C11-C17 ALIPHATICS FROM PLANT OPERATIONS	"	D001		DW	2.0	K
3			L	I	TOXIC, CORROSIVE 25% AMMONIUM HYDROXIDE SOLUTION FROM PLANT OPERATIONS	"	WT01	D002	EHW	83.04	K
4			L	O	TOXIC MIXTURE CONTAINING >85% BASE OIL, <15% DIETHYLENE GLYCOL FROM PLANT OPERATIONS	"	WT02		DW	190.0	K
5			L	O	TOXIC 75% ETHYLENE GLYCOL MONOBUTYL ETHER SOLUTION FROM PLANT OPERATIONS	"	WT02		DW	700.0	K
6			L	O	SPENT, TOXIC, PERSISTENT TETRACHLOROETHYLENE FROM PLANT OPERATIONS	"	WT01 F001	WP01	EHW	400.0	K
7			S	I	TOXIC MIXTURE CONTAINING SODIUM AND POTASSIUM CHLORIDE, LITHIUM HYDROXIDE, <25 MG/L BARIUM FROM PLANT OPERATIONS	"	WT02		DW	150.0	K
8			L	O	IGNITABLE MIXTURE CONTAINING 25% VM&P NAPHTHA FROM PLANT OPERATIONS	"	D001		DW	400.0	K
9			L	O	TOXIC, REACTIVE 50% DIPHENYLMETHANE DIISOCYANATE, TRACE PHENYLISOCYANATE, 50% HIGHER OLIGOMERS OF MDI FROM PLANT OPERATIONS	"	WT02	D003	DW	50.0	K

16. COMMENTS (Enter information by section and/or line number—see instructions).

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TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

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13. YOUR EPA/STATE HAZARDOUS WASTE IDENTIFICATION NUMBER

WA 7890008967

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA 7890008967

NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington

ZIP: 99352

L I N E	15. WASTE IDENTIFICATION		C. S t a t u s	D. Physical State S=Solid L=Liquid 	E Chemical Nature O=Organic I=inorganic	F. Waste Description (see instructions)	G. Handling Method and Containment Vessel (see instructions)	H. Dangerous Waste Number (see instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W • C o d g n e	
	A. Manifest Document Number	B. Date Shipment Received										
1				L	O	SPENT, TOXIC, PERSISTENT 67-92% HYDROXYL TERMINATED POLYOXYLAKALENE)POLY ETHER, <2% TERTIARY AMINE BEARING COMPOUNDS, 5-30% TRICHLOROMETHANE FROM PLANT OPERATIONS	S01C	F002 WP01	WT02	EHW	40.0	K
2				L	O	TOXIC, IGNITABLE MIXTURE CONTAINING 5% CARBON BLACK DISPERSION, 18% VINYL RESIN, 71% METHYL ETHYL KETONE, 4% XYLENE, 2% TCP PLASTICIZERS FROM PLANT OPERATIONS	"	WT02	D001	DW	2.0	K
3				L	O	SPENT, IGNITABLE, TOXIC, PERSISTENT, CARCINOGENIC, EP TOXIC MIXTURE OF SOLVENTS & THINNERS CONTAINING: METHYL ETHYL KETONE, MINERAL SPIRITS, TOLUENE, XYLENE, ACETONE, ETHYL BENZENE, DICYCLOHEXYL METHANE 4,4'-DIISOCYANATE, 2-ETHOXYETHANOL ACETATE, PETROLEUM HYDROCARBON, ETHYLENE GLYCOL, ETHYLENE GLYCOL MONOPHENYL ETHER, PETROLEUM DISTILLATE, NAPHTHA, METHYL ISOBUTYL KETONE, TOLUENE DIISOCYANATE, ALIPHATIC/AROMATIC HYDROCARBON BLEND FROM PAINT OPERATIONS	"	F003 D001 WP01 D007	F005 WT01 WC01 D008	EHW	200.0	K
4				L	OI	SPENT, IGNITABLE, TOXIC, PERSISTENT, CARCINOGENIC, EP TOXIC MIXTURE OF SOLVENTS & THINNERS CONTAINING: METHYL ETHYL KETONE, MINERAL SPIRITS, TOLUENE, XYLENE, PHENOL, ETHYLENE GLYCOL MONOETHYL ETHER, 4,4'-METHYLENE DIANALINE, ETHYLENE GLYCOL MONOETHYL ETHER ACETATE, METHYL ISOBUTYL KETONE, VM&P NAPHTHA, ISOPROPANOL, DIETHYLENE TRIAMINE, METHYL ISOAMYL KETONE, CYCLOPARAFFIN, 1-METHOXY-2-PROPANOL, CYCLOHEXANONE, N-BUTYL ACETATE, ETHYL BENZENE, ETHANOL, METHANOL, PETROLEUM DISTILLATE; RESINS & FILLERS: EPOXY RESIN, ZINC DUST, VINYL CHLORIDE RESIN, ACRYLIC RESIN, VINYL RESIN; PIGMENTS: MICA, TITANIUM DIOXIDE, LEAD CHROMATE, ALUMINUM, CHROMIUM OXIDE, NICKEL, IRON OXIDE, CARBON BLACK, BARIUM SULFATE, TALC (ASBESTOS FREE), LEAD COMPOUNDS, ZINC CHROMATE FROM PAINT OPERATIONS	"	F003 D001 WP01 D005 D008	F005 WT01 WC01 D007	EHW	750.0	K
5				L	O	IGNITABLE CHEVRON 325 SOLVENT: 96% PARAFFINS, 4% C8+ AROMATICS FROM AUTOMOTIVE OPERATIONS	"	D001		DW	200.0	K

16. COMMENTS (Enter information by section and/or line number—see instructions).

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TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

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Form 5

13. YOUR EPA/STATE HAZARDOUS WASTE
IDENTIFICATION NUMBER

WA 7 8 9 0 0 0 8 9 6 7

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA 7 8 9 0 0 0 8 9 6 7

NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington

ZIP: 99352

15. WASTE IDENTIFICATION		C.	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e c i o n g e t	
LINE	A. Manifest Document Number	B. Date Shipment Received	C. S t a t u s	D. Physical State S=Solid L=Liquid 	E Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e c i o n g e t
1			L	O	SPENT, TOXIC, CARCINOGENIC, IGNITABLE 85% METHANOL, 10% TOLUENE, 5% BENZENE FROM LABS	S01C		F003 WT01 WC01	F005 D001	EHW	2.0 K
2			L	O	SPENT, TOXIC, IGNITABLE 65% HEPTANE, 25% TOLUENE, 10% METHANOL FROM LABS	"		F003 WT01	F005 D001	EHW	2.0 K
3			L	O	TOXIC, IGNITABLE 95% HEPTANE, 5% TETRAHYDROFURAN FROM LABS	"		WT02	D001	DW	6.0 K
4			L	O	SPENT, TOXIC, IGNITABLE 80% HEPTANE, 20% TOLUENE FROM LABS	"		F005 D001	WT01	EHW	2.4 K
5			S	I	IGNITABLE, EP TOXIC, REACTIVE BARIUM PERCHLORATE FROM LABS	"		D001 D003	D005	DW	0.45 K
6			S	I	IGNITABLE, REACTIVE MAGNESIUM PERCHLORATE FROM LABS	"		D001	D003	DW	0.9 K
7			S	O	TOXIC ANTIMONY POTASSIUM TARTRATE FROM LABS	"		WT01		EHW	0.45 K
8			S	I	IGNITABLE, REACTIVE SODIUM SULFIDE FROM LABS	"		D001	D003	DW	0.23 K
9			S	I	TOXIC, REACTIVE, EP TOXIC MERCURIC THIOCYANATE FROM LABS	"		WT01 D009	D003	EHW	0.1 K
10			L	I	TOXIC, EP TOXIC MERCURY FROM LABS	"		U151 D009	WT01	EHW	2.0 K

16. COMMENTS (Enter information by section and/or line number—see instructions).

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TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

1988

Form 5

3. YOUR EPA/STATE HAZARDOUS WASTE IDENTIFICATION NUMBER

WA 7 8 9 0 0 0 8 9 6 7

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA 7 8 9 0 0 0 8 9 6 7

NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington

ZIP: 99352

15. WASTE IDENTIFICATION		C.	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E. Chemical Nature O=Organic I=inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designation DW or EHW	J. Amount of Waste	K. W e c i c g h t
A. Manifest Document Number	B. Date Shipment Received	S t a t u s			TOXIC FERRIC CHLORIDE FROM LABS		S01C	WT01	EHW	0.23
			S	I	REACTIVE POTASSIUM FERROCYANIDE FROM LABS		"	D003	DW	0.23
			S	I	TOXIC, REACTIVE AMMONIUM THIOCYANATE FROM LABS		"	WT02	D003	DW
			S	I	TOXIC, CARCINOGENIC, EP TOXIC CADMIUM CHLORIDE FROM LABS		"	WT01 D006	WC01	EHW
			S	O	CARCINOGENIC, CORROSIVE, PARAROSANILINE HYDROCHLORIC ACID FROM LABS		"	WC02	D002	DW
			S	I	TOXIC AMMONIUM MOLYBDATE FROM LABS		"	WT01	EHW	0.23
			S	I	TOXIC AMMONIUM CHLORIDE SOLID FROM LABS		"	WT02	DW	0.45
			L	I	TOXIC, IGNITABLE, CORROSIVE 65% NITRIC ACID SOLUTION FROM LABS		"	WT01 D002	D001	EHW
			S	I	TOXIC, IGNITABLE ZIRCONYL NITRATE FROM LABS		"	WT02	D001	DW
			S	I	TOXIC, IGNITABLE AMMONIUM PERSULFATE FROM LABS		"	WT02	D001	DW
			S	I	TOXIC, IGNITABLE STRONTIUM NITRATE FROM LABS		"	WT02	D001	DW
			S	I	TOXIC, IGNITABLE SODIUM NITRITE FROM LABS		"	WT01	D001	EHW

5. COMMENTS (Enter information by section and/or line number—see instructions).

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TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

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13. YOUR EPA/STATE HAZARDOUS WASTE
IDENTIFICATION NUMBER

WA 7890008967

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA 7890008967

NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington

ZIP: 99352

L I N E	15. WASTE IDENTIFICATION		C. S t a t u s	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E. Chemical Nature O=Organic I=Inorganic	F. Waste Description (see instructions)	G. Handling Method and Containment Vessel (see instructions)	H. Dangerous Waste Number (see instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e c i o n g h e t	
	A. Manifest Document Number	B. Date Shipment Received										
1			S	I		IGNITABLE AMMONIUM NITRITE FROM LABS	S01C	D001	DW	0.90	K	
2			L	I		TOXIC, CORROSIVE AMMONIA SOLUTION FROM LABS	"	WT01	D002	EHW	0.2	K
3			S	O		TOXIC, CORROSIVE SULFAMIC ACID FROM LABS	"	WT02	D002	DW	0.20	K
4			S	O		CORROSIVE TRICHLOROACETIC ACID FROM LABS	"	D002	EHW	0.34	K	
5			S	I		TOXIC, CORROSIVE, REACTIVE ZIRCONIUM TETRACHLORIDE FROM LABS	"	WT02 D003	D002	DW	0.03	K
6			S	I		TOXIC, CORROSIVE AMMONIUM HYDROGEN FLUORIDE, SOLID FROM LABS	"	WT02	D002	DW	0.34	K
7			L	I		TOXIC MIXTURE CONTAINING 6.7% ZIRCONIUM, 12.1% NITRATE, .4% SODIUM, 80.8% WATER FROM LABS	"	D001	WT02	DW	0.5	K
8			L	O		TOXIC ROTO-BRITE L543: 16% CITRIC ACID, <1% COCONUT OIL, 78% STEARIC ACID, 1% SODIUM HYDROXIDE, WATER FROM MAINTENANCE OPERATIONS	"	WT02	DW	19.0	K	
9			L	O		TOXIC ROTO-BRITE L547: 10% CITRIC ACID, 4% COCONUT OIL, 6% STEARIC ACID, 1% SODIUM HYDROXIDE, WATER FROM MAINTENANCE OPERATIONS	"	WT02	DW	220.0	K	
10			L	I		TOXIC, EP TOXIC MERCURY FROM LABS	"	WT01 D009	EHW	0.4	K	

16. COMMENTS (Enter information by section and/or line number—see instructions).

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TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

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Form 5

13. YOUR EPA/STATE HAZARDOUS WASTE IDENTIFICATION NUMBER

WA 7 8 9 0 0 0 8 9 6 7

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA 7 8 9 0 0 0 8 9 6 7

NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington
ZIP: 99352

LINE	15. WASTE IDENTIFICATION		C. S- tatu- s	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E. Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K W- • e- n- t-i- t-i-	
	A. Manifest Document Number	B. Date Shipment Received										
1				L	O	TOXIC KODAK D-19 DEVELOPER SOLUTION: 5-10% HYDROQUINONE, 55-60% SODIUM SULFITE, 30-35% SODIUM CARBONATE, <5% PARAMETHYLAMINOPHENOL SULFATE FROM FILM PROCESSING	S01C	WT02	DW	200.0	K	
2				L	I	CORROSIVE 12.5% SODIUM BISULFATE SOLUTION FROM LABS	"	D002	DW	40.0	K	
3				L	O	PERSISTENT <1% DICHLOROPHENE SOLUTION FROM LABS	"	WP02	DW	54.0	K	
4				L	O	TOXIC, IGNITABLE 40% METHANOL, 40% ACETONITRILE, 20% WATER FROM LABS	"	WT02	D001	DW	8.0	K
5				L	O	TOXIC, CARCINOGENIC, IGNITABLE 70% ACETONITRILE, 28% WATER, 2% AMINONAPHTHALENE FROM LABS	"	WT01 D001	WC01	EHW	12.0	K
6				L	O	TOXIC, CARCINOGENIC, IGNITABLE 60% ACETONITRILE SOLUTION FROM LABS	"	WT01 D001	WC02	EHW	4.0	K
7				L	O	TOXIC, IGNITABLE 85% METHANOL SOLUTION FROM LABS	"	U154 D001	WT02	DW	12.0	K
8				L	O	TOXIC, PERSISTENT, IGNITABLE, CARCINOGENIC, 75% ISOCTANE, 5% ETHYL ACETATE, 20% METHYLENE CHLORIDE FROM LABS	"	WT01 D001	WP01 WC01	EHW	4.0	K
9				L	O	TOXIC, PERSISTENT, CARCINOGENIC, IGNITABLE 72% WATER, 10% HEXANE, 18% METHANOL, <0.1% CARBON TETRACHLORIDE, <0.1% 1,1,2,2-TETRACHLOROETHYLENE, <0.1% 1,1,1,- 2,2,2-HEXACHLOROETHANE, <0.1% HEXACHLOROBENZENE FROM LABS	"	WT01 WC02	WP02 D001	EHW	4.0	K

16. COMMENTS (Enter information by section and/or line number—see instructions).

TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

3. YOUR EPA/STATE HAZARDOUS WASTE
IDENTIFICATION NUMBER

W	A	7	8	9	0	0	0	8	9	6	7
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14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

W	A	7	8	9	0	0	0	8	9	6	7
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NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington
ZIP: 99352

15. WASTE IDENTIFICATION		C.	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e C i c h e i
A. Manifest Document Number	B. Date Shipment Received	C. S t a t u s	D. Physical State S=Solid L=Liquid 	E Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e C i c h e i
			L	I	TOXIC, EP TOXIC 93.9% WATER, 6% CALCIUM NITRATE, .01% COPPER PARTICULATES, .09% CHROMIUM PARTICULATES FROM LABS	S01C	WT01	D007	EHW	190.0 K
			L	O	SPENT, TOXIC, PERSISTENT, IGNITABLE, CARCINOGENIC, REACTIVE 30% METHANOL, 30% ACETONITRILE, 18% METHYLENE CHLORIDE, 19% DIETHYL ETHER, 2% HEXANE, 1% DIETHYL AMINE FROM LABS	"	F002 F005 WP01 D003	F003 WT01 D001 WC01	EHW	4.0 K
			L	O	SPENT, TOXIC, CARCINOGENIC, IGNITABLE 95% TOLUENE, 2% TERPHENYL, 1% BENZALDEHYDE, <1% BENZENE & XYLENE FROM LABS	"	F003 WT01 D001	F005 WC02	EHW	0.50 K
			L	O	TOXIC 20% TRIBUTYL PHOSPHATE, 80% C10-C15 ALIPHATICS FROM PLANT OPERATIONS	"	WT02		DW	12.6 K
			L	OI	TOXIC, PERSISTENT MIXTURE: C13-C21 ALIPHATICS, REMAINDER WATER; (70% BROWN SLUDGE): EXTRACT: 0.4 MG/L BARIUM, 0.3% PHENANTHRENE, 1.2% PYRENE, 0.4% BENZO(A)ANTHRACENE, 0.1% CHRYSENE, <0.1% HALOGENATED HYDROCARBONS, PREDOMINENTLY HEAVY ALIPHATIC HYDROCARBONS FROM PLANT OPERATIONS	"	WT01	WP02	EHW	100.0 K
			L	OI	TOXIC, EP TOXIC MIXTURE CONTAINING: 16% AMMONIA, 5-10% NITROGENATED C7-C16 HYDROCARBONS WITH 0.04 MG/L ARSENIC, 0.4 MG/L CHROMIUM, 12 MG/L LEAD FROM PLANT OPERATIONS	"	WT01	D008	EHW	0.5 K
			L	I	TOXIC, IGNITABLE, CORROSIVE, EP TOXIC MIXTURE CONTAINING 9 MG/L BARIUM, 170 MG/L CADMIUM, 350 MG/L CHROMIUM, 14 MG/L LEAD, 40-50% NITRIC ACID RESIDUE: EXTRACT: 30 MG/L BARIUM, 8 MG/L CADMIUM, 18 MG/L CHROMIUM, 0.7 MG/L LEAD, 1.5 MG/L SILVER FROM PLANT OPERATIONS	"	WT01 D002 D007	D001 D006 D008	EHW	3.3 K

6. COMMENTS (Enter information by section and/or line number—see instructions).

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TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

1988

Form 5

13. YOUR EPA/STATE HAZARDOUS WASTE IDENTIFICATION NUMBER

WA 7 8 9 0 0 0 8 9 6 7

14. GENERATOR'S EPA/STATE I.D. NUMBER

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	A. Manifest Document Number	B. Date Shipment Received											
1				L	I	TOXIC, EP TOXIC 93.9% WATER, 6% CALCIUM NITRATE, .01% COPPER PARTICULATES, .09% CHROMIUM PARTICULATES FROM LABS	S01C	WT01	D007	EHW	190.0	K	
2				L	O	SPENT, TOXIC, PERSISTENT, IGNITABLE, CARCINOGENIC, REACTIVE 30% METHANOL, 30% ACETONITRILE, 18% METHYLENE CHLORIDE, 19% DIETHYL ETHER, 2% HEXANE, 1% DIETHYL AMINE FROM LABS	"	F002 F005 WP01 D003	F003 WT01 D001 WC01	EHW	4.0	K	
3				L	O	SPENT, TOXIC, CARCINOGENIC, IGNITABLE 95% TOLUENE, 2% TERPHENYL, 1% BENZALDEHYDE, <1% BENZENE & XYLENE FROM LABS	"	F003 WT01 D001	F005 WC02	EHW	0.50	K	
4				L	O	TOXIC 20% TRIBUTYL PHOSPHATE, 80% C10-C15 ALIPHATICS FROM PLANT OPERATIONS	"	WT02		DW	12.6	K	
5				L	OI	TOXIC, PERSISTENT MIXTURE: C13-C21 ALIPHATICS, REMAINDER WATER; (70% BROWN SLUDGE): EXTRACT: 0.4 MG/L BARIUM, 0.3% PHENANTHRENE, 1.2% PYRENE, 0.4% BENZO(A)ANTHRACENE, 0.1% CHRYSENE, <0.1% HALOGENATED HYDROCARBONS, PREDOMINENTLY HEAVY ALIPHATIC HYDROCARBONS FROM PLANT OPERATIONS	"	WT01	WP02	EHW		100.0	K
6				L	OI	TOXIC, EP TOXIC MIXTURE CONTAINING: 16% AMMONIA, 5-10% NITROGENATED C7-C16 HYDROCARBONS WITH 0.04 MG/L ARSENIC, 0.4 MG/L CHROMIUM, 12 MG/L LEAD FROM PLANT OPERATIONS	"	WT01	D008	EHW		0.5	K
7				L	I	TOXIC, IGNITABLE, CORROSIVE, EP TOXIC MIXTURE CONTAINING 9 MG/L BARIUM, 170 MG/L CADMIUM, 350 MG/L CHROMIUM, 14 MG/L LEAD, 40-50% NITRIC ACID RESIDUE: EXTRACT: 30 MG/L BARIUM, 8 MG/L CADMIUM, 18 MG/L CHROMIUM, 0.7 MG/L LEAD, 1.5 MG/L SILVER FROM PLANT OPERATIONS	"	WT01 D002 D007	D001 D006 D008	EHW		3.3	K

16. COMMENTS (Enter information by section and/or line number—see instructions).

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TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

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Form 5

13. YOUR EPA/STATE HAZARDOUS WASTE
IDENTIFICATION NUMBER

WA 7 8 9 0 0 0 8 9 6 7

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA 7 8 9 0 0 0 8 9 6 7

NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington
ZIP: 99352

15. WASTE IDENTIFICATION		C.	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e C i o n t	
1			L	I	TOXIC, CORROSIVE, EP TOXIC 15 MG/L BARIUM, 1350 MG/L CHROMIUM, 6.3 MG/L LEAD, 0.2 MG/L SILVER, 35% NITRIC ACID, 0.5% SULFURIC ACID, FROM PLANT OPERATIONS	S01C	WT01 D007	D002 D008	EHW	14.3	K
2			L	O	TOXIC, IGNITABLE MIXTURE CONTAINING: 2% DIPHENYL ETHER, 2% TRIBUTYL METHYL ETHER, 20% ISOCTANE, 33% ACETONE, 2% C12 ALIPHATICS, 3% METHANOL, 38% HEXANES, BENZYLACETATES, 11% C5 ALIPHATICS, 25% C11-C19 ALIPHATICS, 2% BENZOIC ACID, 3% BENZALDEHYDE, SUBSTITUTED BENZENES FROM PLANT OPERATIONS	"	WT02	D001	DW	4.0	K
3			L	OI	TOXIC, IGNITABLE, CARCINOGENIC MIXTURE CONTAINING: 4.1% ACENAPHTHYLENE, 0.8% ACENAPTHENE, 0.2% FLUORENE, 0.1% PHENANTHRENE, 0.3% FLUORANTHENE, 0.2% PYRENE, 4% BENZENE, 7% TOLUENE, 13% XYLENE, 5% INDENES, 11% NAPHTHALENE & SUBSTITUTED NAPHTHALENES, 1% BYPHENYL, 25% C8-C11 SUBSTITUTED BENZENES, 15% C5-C10 ALIPHATICS, 13% C11-C14 ALIPHATICS, (20% YELLOW AQUEOUS): 10% ACETIC ACID, <5% TOLUENE, XYLENE, SUBSTITUTED BENZENES, NAPHTHALENES, AND C9-C16 ALIPHATICS, 10% ACETONE, REMAINDER WATER, 0.8 MG/L ARSENIC, 2 MG/L LEAD FROM PLANT OPERATIONS	"	WT01 WC01	D001	EHW	2.7	K
4			L	O	TOXIC, PERSISTENT, CARCINOGENIC, IGNITABLE MIXTURE CONTAINING 2% ETHANOL, 7% ISOPROPANOL, 29% CHLOROFORM, 2% PENTENE, 10% PHENOL, 50% C18 ALIPHATICS; FROM LABS	"	WT01 WC01	WP01 D001	EHW	4.0	K
5			L	O	TOXIC MIXTURE CONTAINING: 60% PHENOL, 14% SUBSTITUTED BENZENES, 16% SUBSTITUTED PHENOLS AND NAPHTHALENES FROM LABS	"	WT01		EHW	12.0	K

16. COMMENTS (Enter information by section and/or line number—see instructions).

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TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

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Form 5

3. YOUR EPA/STATE HAZARDOUS WASTE IDENTIFICATION NUMBER

WA 7 8 9 0 0 0 8 9 6 7

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA 7 8 9 0 0 0 8 9 6 7

NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington
ZIP: 99352

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A. Manifest Document Number	B. Date Shipment Received	S t a t u s	L	O	TOXIC, PERSISTENT, CARCINOGENIC, IGNITABLE MIXTURE CONTAINING: 7% METHANOL, 29% METHYLENE CHLORIDE, 65% HEXANES, <1% BENZENE FROM PLANT OPERATIONS	S01C	WT01 WC01	WP01 D001	EHW	4.0	K
			L	O	TOXIC, IGNITABLE, REACTIVE MIXTURE CONTAINING: 60% METHANOL, 35% ACETONITRILE, 5% ACETAMIDE, C8-C22 OXYGENATED HYDROCARBONS FROM LABS	"	WT01 D003	D001	EHW	4.0	K
			L	O	TOXIC, CARCINOGENIC, IGNITABLE MIXTURE CONTAINING: 16% ACETONE, 12% BENZENE, 23% PYRIDINE, 1% TOLUENE, 1% NITROGEN COMPOUND, 45% XYLENE, 1% METHOXYBENZENE, 1% PHENYLETHER FROM LABS	"	WT01 D001	WC01	EHW	0.7	K
			L	OI	TOXIC, IGNITABLE, EP TOXIC MIXTURE CONTAINING: 8% NAPHTHALENE, 1.3% ACENAPHTHYLENE, 0.3% FLUORENE, 1.4% PHENANTHRENE, 0.2% ANTHRACENE, 1.6% FLUORANTHENE, 5% OTHER 3 RING PNA'S, 6% BENZENE, 3% TOLUENE, 3% XYLENE, 1% ISOCYANOBENZENE, 2% BENZOIC ACID, 6% METHYL & DIMETHYL NAPHTHALENES, 1.3% PYRENE, 0.2% BENZO-(A)ANTHRACENE, 0.2% CRYSENE, 0.1% BENZO(B)FLUORANTHENE, 0.2% BENZO(A)PYRENE, 0.2% ACETIC ACID, 0.5% BENZALDEHYDE, 1% PHENOL, 5% PHENYLETHANONE, 13% C9-C13 SUBSTITUTED BENZENES, 0.5% PHENYLPHOSPHATE, 18% C9-C15 ALIPHATICS, 5% BIPHENYL, 6% C13-C14 SUBSTITUTED BENZENES, 1% DIBENZOFURAN, 1% PHENYLACETOPHENONE, 2% TERPHENYLS, 3% STYRENE, 3% DIMETHYLPHthalate, 5 MG/L LEAD, 4 MG/L SILVER, 78 MG/L CHROMIUM FROM LABS	"	WT01 D007	D001 D008	EHW	1.5	K
			L	O	TOXIC, IGNITABLE MIXTURE CONTAINING: 75% HEXANOL, 15% WATER, 9% ETHANOL, 1% OCTANOL; (50% CLEAR AQUEOUS): 8% HEXANOL & PYRIDINE, WATER FROM LABS	"	WT02	D001	DW	9.5	K
			L	OI	TOXIC, IGNITABLE 0.4% AMMONIA, 10.0% SODIUM CATION, 25.0% NITRATE ANION, 4.0% NITRATE ANION, 60.6% WATER FROM PLANT OPERATIONS	"	WT01	D001	EHW	380.0	K

5. COMMENTS (Enter information by section and/or line number—see instructions).

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3. YOUR EPA/STATE HAZARDOUS WASTE IDENTIFICATION NUMBER

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Richland, Washington

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			L	O	SPENT, PERSISTENT, TOXIC, IGNITABLE 60% C5-C20 ALIPHATICS, 23% SUBSTITUTED BENZENES, 6% XYLENE, 4% NAPHTHALENE, 3% TOLUENE, 2% METHANOL, 2% C1 6-8, TETRAHYDROMETHANOINDENES FROM AUTOMOTIVE OPERATIONS	S01C		F003 WP01 D001	F005 WT01	EHW	145.0	K
			L	O	SPENT, TOXIC, IGNITABLE 73% C11-C16 ALIPHATICS, 25% C8-C10 ALIPHATICS, 1% SUBSTITUTED BENZENES, 1% XYLENE FROM AUTOMOTIVE OPERATIONS	"		F003 D001	WT02	DW	18.0	K
			L	O	TOXIC 40% GLYOXAL SOLUTION FROM PLANT OPERATIONS	"		WT02		DW	5.0	K
			L	I	TOXIC, CORROSIVE, 56% PHOSPHORIC ACID SOLUTION FROM PLANT OPERATIONS	"		WT02	D002	DW	113.75	K
			S	O	TOXIC, CORROSIVE 88% SULFAMIC ACID MIXTURE FROM PLANT OPERATIONS	"		WT02	D002	DW	10.0	K
			L	O	IGNITABLE CONO/WELD NC30 PRIMER, PART A: 22.5% AMINE ADDUCTS, 13.6% AROMATIC HYDROCARBONS, 7% ALCOHOL MIXTURE FROM PLANT OPERATIONS	"		D001		DW	19.0	K
			L	O	IGNITABLE CONO/WELD NC30 PRIMER, PART B: 22.5% AMINE ADDUCTS, 13.6% AROMATIC HYDROCARBONS, 7% ALCOHOL MIXTURE FROM PLANT OPERATIONS	"		D001		DW	22.0	K
			L	OI	TOXIC FIBRE CRETÉ NC40 SURFACER, PART A: 22% ACTIVATED AROMATIC DIAMINE, 1.2% XYLENE, 2.0% REINFORCING FIBERS DISPERSED IN RESIN FROM PLANT OPERATIONS	"		WT02		DW	6.0	K

3. COMMENTS (Enter information by section and/or line number—see instructions).

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3. YOUR EPA/STATE HAZARDOUS WASTE
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ZIP: 99352

15. WASTE IDENTIFICATION

C.	D. Physical State S=Solid	E. Chemical Nature O=Organic
S	L=Liquid	I=Inorganic
t	G=Sludge	
u	M=Compressed Gas	

F.
Waste Description (see instructions)G.
Handling Method
and Containment
Vessel
(see instructions)H.
Dangerous
Waste
Number
(see Instructions)I. Waste
Designa-
tion
DW or
EHWJ.
Amount
of
WasteK
W
C
I
O
G
H
E
I

		L	O1	TOXIC FIBRE CRETÉ NC40 SURFACER, PART B: 22% ACTIVATED AROMATIC DIAMINE, 1.2% XYLENE, 2% RESIN FROM PLANT OPERATIONS	S01C		WT02		DW	18.0	K
		L	O	SPENT, TOXIC, IGNITABLE 46% C11 ALIPHATICS, 33% AQUEOUS, 9.4% HEPTANONE, 8.7% XYLENE, .7% NAPHTHALENE, 2% C6 ALIPHATICS FROM PLANT OPERATIONS	"		F003 D001	WT01	EHW	200.0	K
		L	O	SPENT, TOXIC, IGNITABLE 87% OIL, 9% C8-C10 ALIPHATICS, 4% TOLUENE FROM PLANT OPERATIONS	"		F005 D001	WT02	DW	200.0	K
		L	O	SPENT, PERSISTENT MIXTURE CONTAINING 90% OIL, 10% FREON 113 FROM PLANT OPERATIONS	"		F002	WP01	EHW	200.0	K
		L	O	SPENT, PERSISTENT IGNITABLE MIXTURE CONTAINING: OIL, FREON, 1-2% SUBSTITUTED BENZENES AND PHENOLS FROM PLANT OPERATIONS	"		F002 D001	WP01	EHW	200.0	K
		L	O	SPENT, TOXIC, PERSISTENT, CARCINOGENIC 2% PERCHLOROETHYLENE, 98% OIL, FROM PLANT OPERATIONS	"		F002 WP01	WT01 WC01	EHW	19.0	K
		L	O	SPENT, TOXIC, PERSISTENT, CARCINOGENIC, IGNITABLE 74% C17-C26 ALIPHATICS, 10% WATER, 10% PERCHLOROETHYLENE, 2.7% XYLENE, 1.8% TOLUENE, 1.8% METHYL ISOBUTYL KETONE (FLASHPOINT: 100.4° F) FROM PLANT OPERATIONS	"		F002 F005 WP01 D001	F003 WT01 WC01	EHW	200.0	K
		L	O	SPENT, IGNITABLE 85% WATER, 12% C11-C30 ALIPHATICS, 1.95% C8-C10 ALIPHATICS, .45% XYLENE, .3% TOLUENE, .15% SUBSTITUTED BENZENES, .15% METHYL ISOBUTYL KETONE FROM PLANT OPERATIONS	"		F003 D001	F005	DW	37.0	K

6. COMMENTS (Enter information by section and/or line number—see instructions).

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13. YOUR EPA/STATE HAZARDOUS WASTE
IDENTIFICATION NUMBER

WA 7 8 9 0 0 0 8 9 6 7

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA 7 8 9 0 0 0 8 9 6 7

NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington

ZIP: 99352

L I N E	15. WASTE IDENTIFICATION		C. S t a t u s	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E. Chemical Nature O=Organic I=inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e c o n d e r i t	
	A. Manifest Document Number	B. Date Shipment Received										
1			L	O1		TOXIC, CORROSIVE 4% SODIUM HYDROXIDE SOLUTION WITH .7 MG/L BARIUM, .02 MG/L CADMIUM, .22 MG/L CHROMIUM, .23 MG/L LEAD FROM PLANT OPERATIONS	S01C	WT02	D002	DW	200.0	K
2			L	O		IGNITABLE 75% C9-C11 ALIPHATICS, 25% C11-C19 ALIPHATICS FROM PLANT OPERATIONS	"	D001		DW	37.0	K
3			L	O		SPENT, TOXIC, PERSISTENT MIXTURE: 1,1,1-TRICHLOROETHANE, 5% TRIOXOCANE, 5% OXYGENATED CHLOROHYDROCARBONS, 25% CHLORINATED HYDROCARBONS FROM PLANT OPERATIONS	"	F002 WP01	WT01	EHW	200.0	K
4			L	O		CARCINOGENIC, TOXIC 62% C15-C25 ALIPHATICS, 19% C12-C14 ALCOHOLS, 9% DIMETHYLETHYLPHENOL, 5% PHTHALATES, 3% BRANCHED CYCLOHEXANE, 2% BRANCHED PHENANTHRENE FROM PLANT OPERATIONS	"	WC01	WT01	EHW	200.0	K
5			L	O		SPENT, TOXIC, PERSISTENT, CARCINOGENIC, IGNITABLE 95% C11-C32 HYDROCARBONS, 3% PERCHLOROETHYLENE, 2% 1,1,1-TRICHLOROETHANE FROM PLANT OPERATIONS	"	F002 WP01 D001	WT01 WC01	EHW	200.0	K
6			L	O		TOXIC <98% WATER, <1% PHENOL, <1% C10-C20 ALIPHATICS FROM PLANT OPERATIONS	"	WT02		DW	200.0	K
7			L	O		SPENT, TOXIC, PERSISTENT <98% WATER, <1% METHYLENE CHLORIDE, <1% C7-C14 ALIPHATICS, >0.1% AMINES FROM PLANT OPERATIONS	"	F002 WP02	WT02 WC02	DW	200.0	K
8			L	O		SPENT, TOXIC, PERSISTENT <1% 1,1,1-TRICHLOROETHANE, <50% ALIPHATICS, 50% WATER, <1% PHENOLS AND C19-C25 ALIPHATICS FROM PLANT OPERATIONS	"	F002 WP02	WT02	DW	200.0	K

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IDENTIFICATION NUMBER

WA 7 8 9 0 0 0 8 9 6 7

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WA 7 8 9 0 0 0 8 9 6 7

NAME: U.S. Department of Energy - Hanford Site
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	A. Manifest Document Number	B. Date Shipment Received	S t a t u s	L	O	TOXIC >99% WATER, <1% PHENOLS, ACIDS, C22-C32 ALIPHATICS FROM PLANT OPERATIONS	S01C		WT02	DW	200.0
	"		L	O	SPENT, TOXIC >93% WATER, <1% TOLUENE, XYLENE, DIMETHYL-ETHYLPHENOL, <6% C9-C28 ALIPHATICS FROM PLANT OPERATIONS	"		F003 WT02	F005	DW	200.0
			L	I	CORROSIVE <1% SODIUM THIOSULFATE, <7% HYDROCHLORIC ACID, <1% PHOSPHORIC ACID, WATER FROM PLANT OPERATIONS	"		D002		DW	6.0
			L	OI	IGNITABLE, TOXIC MIXTURE CONTAINING: VANADIUM CARBONATE, FERRIC OXIDE, AMMONIUM HYDROXIDE, PICOLINIC ACID, FERROUS SULFATE, ACETONE, STODDARD SOLVENT, ALCOHOL, THINNERS, WATER FROM PLANT OPERATIONS	"		D001 WT02	DW		9.0
			L	O	TOXIC ETHYLENE GLYCOL FROM PLANT OPERATIONS	"		WT02		DW	1,200.0
			L	O	PERSISTENT, TOXIC, <0.5% SODIUM PENTACHLOROPHENATE, <5.0% POTASSIUM HYDROXIDE AND NON-PCB OIL FROM LABS	"		WP02 F027	WT01	EHW	0.0

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		S	S	O	TOXIC, PERSISTENT O-CHLOROPHENOL <1%, SAND 70%, GLASS 28%, PAPER 2% FROM LABS	S01C		WT02	WP02	DW	5.0 K
		S	S	O	TOXIC, PERSISTENT O-CHLOROPHENOL <1%, GLASS 30%, PAPER/STYROFOAM 50%, POLY TUBING, THERMOCOUPLES, DESICCANT 20% FROM LABS	"		WT02	WP02	DW	3.0 K
		S	S	O	TOXIC, PERSISTENT O-CHLOROPHENOL <1%, SAND 80%, GLOVES, SAMPLE CANS, PRESSURE GAUGES 20% FROM LABS	"		WT02	WP02	DW	6.0 K
		S	S	O	TOXIC, PERSISTENT O-CHLOROPHENOL <1%, SAND 70%, PLASTIC 20%, METAL 5%, PAPER 5% FROM LABS	"		WT02	WP02	DW	6.0 K
		L	L	O	TOXIC, PERSISTENT 1,1,1-TRICHLOROETHANE FROM LABS	"		U226 WP01	WT01	EHW	0.7 K
		S	S	O	IGNITABLE, TOXIC PHENOL-FORMALDEHYDE RESIN 54%, THERMAX (CARBON BLACK THERMAL) 16% FROM LABS	"		D001	WT01	EHW	21.0 K
		L	L	O	TOXIC DEARBORN DEARCIDE 717: 12.5% N-ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE, 2.25% BIS-(TRI-N-BUTYLIN)OXIDE, WATER FROM PLANT OPERATIONS	"		WT02		DW	416.0 K
		L	L	O	TOXIC, PERSISTENT DEARBORN DEARCIDE 722: 15% POLY (OXYETHYLENE (DIMETHYLIIMINO) ETHYLENE (DIMETHYLIIMINO) ETHYLENE-DICHLORIDE)) FROM PLANT OPERATIONS	"		WT02	WP01	EHW	416.0 K
		L	L	I	TOXIC, CORROSIVE AMMONIUM HYDROXIDE (25.5%) SOLUTION FROM BLUEPRINT MACHINE	"		WT01	D002	EHW	17.0 K

6. COMMENTS (Enter information by section and/or line number—see instructions).

1988 AMENDED

TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

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13. YOUR EPA/STATE HAZARDOUS WASTE IDENTIFICATION NUMBER

WA 7890008967

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER
WA 7890008967NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington

ZIP: 99352

L I N E	15. WASTE IDENTIFICATION		C. S t a t u s	D. Physical State S=Solid L=Liquid 	E Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e i c h o n g e t	
	A. Manifest Document Number	B. Date Shipment Received										
1			S	I		TOXIC SULFURIC ACID SPILL CLEANUP: SULFURIC ACID (98%) 50%, WATER 2%, NUTRASORB ABSORBENT 30%, KITTY LITTER 18%, FROM LABS	S01C	WT01	EHW	100.0	K	
2			L	I		CORROSIVE, TOXIC MIXTURE CONTAINING <1% PAINT SLUDGE SOLIDS, SODIUM HYDROXIDE, SODIUM PHOSPHATE, SODIUM SILICATE, 78% WATER, 3 PPM LEAD FROM PLANT OPERATIONS	"	D002	WT02	DW	83.25	K
3			L	OI		TOXIC, EP TOXIC 5% DETERGENT, 10% MEDIUM WEIGHT OIL, 85% WATER, 66 PPM CHROMIUM, 7 PPM ZINC FROM PLANT OPERATIONS	"	WT02	D007	DW	217.8	K
4			S	I		CARCINOGENIC, EP TOXIC DRIED PAINT RESIDUE CONTAINING LEAD CHROMATE FROM PAINTING OPERATIONS	"	WC02 D008	D007	EHW	21.0	K
5			L	O		TOXIC 48% ETHYLENE GLYCOL SOLUTION FROM PLANT OPERATIONS	"	WT02		DW	150.0	K
6			L	O		TOXIC 50% ETHYLENE GLYCOL SOLUTION FROM PLANT OPERATIONS	"	WT02		DW	150.0	K
7			S	I		TOXIC, CARCINOGENIC, PERSISTENT, EP TOXIC PAINT CANS WITH RESIDUAL OF VINYL CHLORIDE RESIN, BARIUM IONS, LEAD IONS, MERCURY IONS, CHROMIUM IONS FROM PAINTING OPERATIONS	"	WT01 WP01 D007 D008	WC01 D005 D008	EHW	600.0	K
8			S	OI		TOXIC OIL 5%, DIRT >95%, CADMIUM 1 PPM, CHROMIUM 8 PPM, COPPER 19 PPM, LEAD 5 PPM, ZINC <10 PPM FROM PLANT OPERATIONS	"	WT02		DW	227.0	K
9			L	OI		TOXIC, EP TOXIC 75% MEDIUM WEIGHT OIL, 25% WATER, <1 PPM PCB'S, 150 PPM ZINC, 10 PPM LEAD, 8 PPM COPPER FROM PLANT OPERATIONS	"	WT02	D008	DW	188.5	K

6. COMMENTS (Enter information by section and/or line number—see instructions).

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TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

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13. YOUR EPA/STATE HAZARDOUS WASTE IDENTIFICATION NUMBER

WA 7890008967

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA 7890008967

NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington

ZIP: 99352

LINE	15. WASTE IDENTIFICATION		C. S t a t u s	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E. Chemical Nature O=Organic I=Inorganic	F. Waste Description (see instructions)	G. Handling Method and Containment Vessel (see instructions)	H. Dangerous Waste Number (see instructions)	I. Waste Designation DW or EHW	J. Amount of Waste	K. W e i g h t	
	A. Manifest Document Number	B. Date Shipment Received										
1			L	OI		TOXIC, EP TOXIC 50% LIGHT WEIGHT OIL, 50% WATER, 5 PPM LEAD, 7 PPM COPPER, 13 PPM ZINC, <1 PPM PCB'S FROM PLANT OPERATIONS	S01C		WT02	D008	DW	
2			L	OI		TOXIC, EP TOXIC 85% LIGHT WEIGHT OIL, 15% WATER, <1 PPM PCB'S, 120 PPM ZINC, 10 PPM LEAD, 5 PPM COPPER FROM PLANT OPERATIONS	"		WT02	D008	DW	
3			L	OI		TOXIC, EP TOXIC 75% MEDIUM WEIGHT OIL, 25% WATER, <1 PPM PCB'S, 40 PPM ZINC, 15 PPM COPPER, 15 PPM LEAD FROM PLANT OPERATIONS	"		WT02	D008	DW	
4			L	OI		TOXIC, EP TOXIC 85% LIGHT WEIGHT OIL, 15% WATER, <1 PPM PCB'S, 17 PPM ZINC, 5 PPM COPPER, 7 PPM LEAD FROM PLANT OPERATIONS	"		WT02	D008	DW	
5			L	OI		TOXIC, EP TOXIC 100% MEDIUM WEIGHT OIL, <1 PPM PCB'S, 15 PPM LEAD, 3 PPM COPPER 80 PPM ZINC FROM PLANT OPERATIONS	"		WT02	D008	DW	
6			L	OI		EP TOXIC 5% GASOLINE/DIESEL, 95% WATER, 5 PPM LEAD, 1 PPM COPPER, <1 PPM PCB'S FROM PLANT OPERATIONS	"		D008		DW	
7			L	OI		TOXIC, EP TOXIC 10% MEDIUM WEIGHT OIL, 90% WATER, <1 PPM PCB'S, 15 PPM LEAD, 10 PPM COPPER, 13 PPM ZINC FROM PLANT OPERATIONS	"		WT02	D008	DW	
8			L	I		TOXIC, CORROSIVE, EP TOXIC AMMONIUM HYDROXIDE 5-7%, WATER 93-95%, CADMIUM 80 PPM, CHROMIUM 11 PPM, COPPER 3.1 PPM, LEAD 1.9 PPM, NICKEL 6.6 PPM, ZINC 1 PPM FROM PLANT OPERATIONS	"	WT01 D006	D002 D007	EHW	200.0	K
9			L	I		CORROSIVE DILUTE HYDROCHLORIC ACID SOLUTION (<2%) FROM PLANT OPERATIONS	"		D002		DW	

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	A. Manifest Document Number	B. Date Shipment Received										
1				L	O	CORROSIVE ACETIC ACID SOLUTION FROM PLANT OPERATIONS	S01C	D002	DW	100.0	K	
2				L	OI	SPENT, IGNITABLE, TOXIC, PERSISTENT, CARCINOGENIC, EP TOXIC MIXTURE OF SOLVENTS AND THINNERS: METHYL ETHYL KETONE, MINERAL SPIRITS, TOLUENE, XYLENE, PHENOL; ETHYLENE GLYCOL MONOETHYL ETHER, METHYL ISOBUTYL KETONE, VM&P NAPHTHA, ISOPROPANOL, METHYL ISOAMYL KETONE, N-BUTYL ACETATE, ETHYL BENZENE, ETHANOL, METHANOL, PETROLEUM DISTILLATES; RESINS AND FILLERS: EPOXY RESIN, VINYL CHLORIDE RESIN, ACRYLIC RESIN; PIGMENTS: LEAD CHROMATE, CHROMIUM OXIDE, LEAD COMPOUNDS FROM PAINTING OPERATIONS	"	F003 D001 WP01 D007 D008	F005 WT01 WC01 D008	EHW	175.0	K
3				L	O	TOXIC 50% ETHYLENE GLYCOL SOLUTION FROM PLANT OPERATIONS	"	WT02	DW	6,570.0	K	
4				S	I	TOXIC, CORROSIVE 99% DIRT, 1% SODIUM HYDROXIDE FROM PLANT OPERATIONS	"	WT02	D002	DW	1,800.0	K
5				L	O	TOXIC, PERSISTENT WASTE, 3% TRICHLOROTRIFLUOROETHANE, 2% 1,1,1-TRICHLOROETHANE, ALIPHATICS, <2% PCB'S FROM PLANT OPERATIONS	"	WT02	WP01	EHW	156.0	K
6				S	I	TOXIC, IGNITABLE ALUMINUM NITRATE (NONAHYDRATE FORM) FROM PLANT OPERATIONS	"	WT02	D001	DW	27.0	K
7				L	O	TOXIC, PERSISTENT, CARCINOGENIC, 90% METHYLENE CHLORIDE, 10% ACETIC ACID FROM PLANT OPERATIONS	"	WT01 WC01	WP01	EHW	72.0	K
8				L	O	TOXIC, IGNITABLE 55-60% WATER, 30-40% ACRYLIC EMULSION, <5% ETHYLENE GLYCOL Methyl ETHER, <5% DIMETHYLETHANOLAMINE FROM PLANT OPERATIONS	"	WT02	D001	DW	205.0	K

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WA 7 8 9 0 0 0 8 9 6 7

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER
WA 7 8 9 0 0 0 8 9 6 7NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington

ZIP: 99352

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	A. Manifest Document Number	B. Date Shipment Received												
1			L	OI		SPENT, IGNITABLE, TOXIC, PERSISTENT, CARCINOGENIC, EP TOXIC METHYL ETHYL KETONE 21%, TOLUENE 4%, ACETONE 2.6%, METHYLENE CHLORIDE 4.8%, PETROLEUM NAPHTHA 10.2%, LEAD CHROMATE 0.9%, INERT RESIN 56.5% FROM PAINTING OPERATIONS	S01C		F005 WT01 WC02 D008	D001 WP01 D007	EHW	27.0	K	
2			L	OI		CORROSIVE GSI 116 CLEANER: 8200 MG/L SODIUM, 360 MG/L AMMONIA, 56 MG/L POTASSIUM, WATER, FROM PLANT OPERATIONS	"		D002		DW	3.8	K	
3			L	I		TOXIC DEARBORN 922: <5% POTASSIUM HYDROXIDE, <3% ORGANOPHOSPHATES, <3% SODIUM POLYMETHACRYLATE, >89% WATER FROM PLANT OPERATIONS	"		WT01		EHW	95.0	K	
4			L	O		SPENT, IGNITABLE, TOXIC PAINT THINNER: 52% ALIPHATICS, 14% XYLENE, 13% METHYL ETHYL KETONE, 3% TOLUENE, 3% MIBK, 2% ISOPROPANOL, 8% SUBSTITUTED BENZENES, 1% CELLOSOLVE FROM PAINTING OPERATIONS	"		D001 F005	F003 WT01	EHW	208.0	K	
5			L	OI		IGNITABLE, TOXIC, EP TOXIC 5% OIL, >80% C9-C11 ALIPHATICS, REMAINDER HIGH MOLECULAR WEIGHT ALIPHATICS (C13 AND UP), AQUEOUS 95%, <0.03 MG/L ARSENIC, <1 MG/L BARIUM, 0.3 MG/L CADMIUM, 0.4 MG/L CHROMIUM, 86 MG/L LEAD, <0.03 MG/L MERCURY, <0.03 MG/L SELENIUM, <0.2 MG/L SILVER, <2 PPM PCB'S FROM PLANT OPERATIONS	"		D001 WT02	D008	DW		95.0	K
6			L	OI		SPENT, TOXIC, PERSISTENT, IGNITABLE, EP TOXIC ~10% TRICHLOROFLUOROMETHANE, REMAINDER HEAVY ALIPHATICS, 5 MG/L LEAD, <2 PPM PCB'S FROM PLANT OPERATIONS	"		F001 WP01 D008	WT02 D001	EHW	189.0	K	
7	"		L	O		SPENT, TOXIC C11-C21 ALIPHATICS 74%, NAPHTHALENE AND SUBSTITUTED NAPHTHALENE 9.5%, C7-C10 ALIPHATICS 5.7%, C9-C11 SUBSTITUTED BENZENES 2.9%, 3-RING POLYNUCLEAR AROMATICS 1.4%, BIPHENYL 0.5%, TOLUENE 0.5%, XYLENE 0.5%, <2 PPM PCB'S, WATER FROM AUTOMOTIVE OPERATIONS	"		F003 WT01	F005	EHW		208.0	K

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I.D. NUMBER

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NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington
ZIP: 99352

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	A. Manifest Document Number	B. Date Shipment Received									
1			L	O	SPENT, PERSISTENT DICHLORODIFLUOROMETHANE <1%, 2,6-TERTBUTYL-4-METHYL PHENOL <1%, REMAINDER C11 + ALIPHATICS 31%, 0.21 MG/L ARSENIC, <2 PPM PCB'S, WATER FROM AUTOMOTIVE OPERATIONS	S01C		F001	WP02	DW	208.0 K
2	"		L	O	TOXIC, CARCINOGENIC ORGANIC ALIPHATICS 23%, 1,4-DIOXANE 0.39%, TRIETHANOLAMINE 0.39%, C10-C15 ALIPHATICS <3.9%, WATER, 3 PPM PCB'S FROM AUTOMOTIVE OPERATIONS	"		WT01	WC02	EHW	208.0 K
3			L	I	TOXIC SOLUTION CONTAINING SODIUM NITRATE 8.5%, SODIUM NITRITE 4.3%, SODIUM GLUCONATE 4.3% FROM PLANT OPERATIONS	"		WT01		EHW	120.0 K
4			L	I	TOXIC, CORROSIVE, EP TOXIC NITRIC ACID 1.5%, SULFURIC ACID 0.5%, CADMIUM 2.8 PPM, WATER 98% FROM PLANT OPERATIONS	"		WT02 D006	D002	DW	19.0 K
5			L	I	TOXIC, EP TOXIC SOLUTION CONTAINING CHLORIDE 3000 MG/L, PHOSPHATE 1600 MG/L, SODIUM 1200 MG/L, POTASSIUM 3200 MG/L, CADMIUM 6.5 MG/L FROM PLANT OPERATIONS	"		WT01	D006	EHW	19.0 K
6			L	I	TOXIC, EP TOXIC SOLUTION CONTAINING CHLORIDE 140 MG/L, NITRATE 3100 MG/L, SODIUM 660 MG/L, POTASSIUM 490 MG/L, CADMIUM 2.1 MG/L, CHROMIUM 0.4 MG/L FROM PLANT OPERATIONS	"		WT01 D006	D006	EHW	19.0 K
7			SL	I	TOXIC, CORROSIVE EP TOXIC ELECTROLYTE BATTERY: DISTILLED WATER 70%, SULFURIC ACID 30%, LEAD, FROM AUTOMOTIVE OPERATIONS	"		WT01 D008	D002	EHW	3,336.0 K
8			SL	I	TOXIC, EP TOXIC MERCURY MANOMETER 50% PLASTIC, 45% GLASS, 5% MERCURY, FROM LABS	"		WT01	D009	EHW	0.01 K
9			L	O	TOXIC ETHYLENE GLYCOL FROM PLANT OPERATIONS	"		WT02		DW	600.0 K

16. COMMENTS (Enter information by section and/or line number—see instructions).

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13. YOUR EPA/STATE HAZARDOUS WASTE
IDENTIFICATION NUMBER

WA 7 8 9 0 0 0 8 9 6 7

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA 7 8 9 0 0 0 8 9 6 7

NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington
ZIP: 99352

L I N E	15. WASTE IDENTIFICATION		C. S t a t u s	D. Physical State S=Solid L=Liquid 	E Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e c o d e n t i t	
	A. Manifest Document Number	B. Date Shipment Received										
1				L	O	SPENT, TOXIC, IGNITABLE METHYL ETHYL KETONE FROM PLANT OPERATIONS	S01C		F005 D001	WT02	EHW	200.0
2				L	O	IGNITABLE 100% MINERAL SPIRITS FROM PAINTING OPERATIONS	"		D001		DW	200.0
3				S	I	TOXIC, IGNITABLE, REACTIVE SODIUM, METAL FROM LABS	"		WT01 D003	D001	EHW	0.9
4				S	I	TOXIC, IGNITABLE, REACTIVE 50% SODIUM, 50% LITHIUM FROM LABS	"		WT01 D003	D001	EHW	0.9
5				L	I	TOXIC, CARCINOGENIC, CORROSIVE, EP TOXIC 10% SODIUM HYDROXIDE, 89.9% WATER, 0.1% ARSENIC FROM LABS	"		WT01 D002	WC02 D004	EHW	12.0
6				L	O	TOXIC PHENOL 100% FROM LABS	"		U188	WT01	EHW	1.1
7				L	O	SPENT, TOXIC, CARCINOGENIC 90% ETHYLENE GLYCOL, 9% METHYL ALCOHOL, 1% RHODAMINE B FROM LABS	"		F003 WC02	WT01	EHW	19.0
8				S	O	CORROSIVE, TOXIC ETHYLENE BIS(OXYETHYLENE NITRILO)TETRA ACETIC ACID) FROM LABS	"		D002	WT02	DW	0.08
9				L	O	TOXIC, PERSISTENT, CARCINOGENIC 10% WATER, 45% PHENOL, 43% CHLOROFORM, 2% ISOAMYL ALCOHOL FROM LABS	"		WT01 WC01	WP01	EHW	0.95

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13. YOUR EPA/STATE HAZARDOUS WASTE
IDENTIFICATION NUMBER

WA	7	8	9	0	0	0	8	9	6	7
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14. GENERATOR'S EPA/STATE I.D. NUMBER

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WA	7	8	9	0	0	0	8	9	6	7
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	A. Manifest Document Number	B. Date Shipment Received	L	O	TOXIC, PERSISTENT, CARCINOGENIC 35% WATER, 27% PHENOL, 37% CHLOROFORM, 1% ISOAMYL ALCOHOL FROM LABS	S01C	WT01 WC01	WP01	EHW	0.55	K
1			L	O	TOXIC, PERSISTENT, CARCINOGENIC 20% WATER, 34% PHENOL, 45% CHLOROFORM, 1% ISOAMYL ALCOHOL FROM LABS	"	WT01 WC01	WP01	EHW	0.95	K
2			L	O	TOXIC, PERSISTENT, CARCINOGENIC 17% WATER, 35% PHENOL, 46% CHLOROFORM, 2% ISOAMYL ALCOHOL FROM LABS	"	WT01 WC01	WP01	EHW	1.8	K
3			L	OI	SPENT, IGNITABLE, TOXIC, CARCINOGENIC, EP TOXIC MIXTURE OF SOLVENTS AND THINNERS METHYL ETHYL KETONE, MINERAL SPIRITS, TOLUENE, XYLENE, PHENOL, ETHYLENE GLYCOL MONOETHYL ETHER, ETHYLENE GLYCOL MONOPHENYL ETHER, POLYURETHANE PREPOLYMER, ISOCYANATE MONOMER, 2-ETHOXYETHYL ACETATE, METHYL ISOBUTYL KETONE, VM&P NAPHTHA, PETROLEUM DISTILLATES, ETHYL BENZENE, STODDARD SOLVENT, ISOPROPANOL, DIETHYLENE TRIAMINE; RESINS AND FILLERS: ACRYLIC RESIN; PIGMENTS: ALUMINUM SILICATES, ZINC CHROMATE FROM PAINTING OPERATIONS:	"	F003 D001 WC01	F005 WT01 D007	EHW	200.0	K
			S	I	EP TOXIC, CARCINOGENIC 2.2% ALUMINUM HYDROXIDE, CALCIUM FLUORIDE 0.06%, CERIUM HYDROXIDE 0.10%, CHROMIUM HYDROXIDE 0.10%, CESIUM HYDROXIDE 0.09%, CUPRIC HYDROXIDE 0.11%, FERROUS HYDROXIDE 5.41%, LANTHANUM HYDROXIDE 0.14%, LANTHANUM FLUORIDE 0.17%, MAGNESIUM HYDROXIDE 0.08%, MANGANESE HYDROXIDE 0.09%, SODIUM MOBYDATE DIHYDRATE 0.29%, SODIUM FLUORIDE 0.15%, SODIUM SULFATE 0.41%, SODIUM NITRATE 2.49%, SODIUM OXALATE 1.60%, SODIUM HYDROXIDE 0.66%, NEODYMIUM HYDROXIDE 0.32%, NEODYMIUM FLUORIDE 0.06%, NICKEL HYDROXIDE 0.41%, PRASEODYMIUM HYDROXIDE 0.07%, SILICON DIOXIDE 1.30%, SAMARIUM HYDROXIDE 0.03%, STRONTIUM HYDROXIDE 0.07%, ZIRCONIUM HYDROXIDE 2.80%, YTTRIUM HYDROXIDE 0.04%, WATER 80.69%, FROM PLANT OPERATIONS	"	WC02	D007	DW	583.0	K
			L	I	CORROSIVE ALUMINUM PHOSPHATE SOLUTION (50%) FROM LABS	"	P002		DW	55.0	K

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	A. Manifest Document Number	B. Date Shipment Received											
1				S	I	CARCINOGENIC FERRIC OXIDE FROM LABS	SO1C		WC02	DW	100.0	K	
2				S	I	TOXIC, CARCINOGENIC NICKEL HYDROXIDE FROM LABS	"		WT01	WC01	EHW	30.0	K
3				S	I	CARCINOGENIC, EP TOXIC ZEOLITE IE-95: ALUMINUM OXIDE 15.7%, BARIUM OXIDE 0.3%, CALCIUM OXIDE 3.7%, FERRIC OXIDE 3.7%, MAGNESIUM OXIDE 1.0%, POTASSIUM OXIDE 1.1%, Manganese Dioxide 0.1%, Sodium Monoxide 3.4%, Molybdenum Trioxide 0.03%, Silicon Dioxide 59.0%, Strontium Oxide 0.1%, Titanium Oxide 0.3%, Zirconium Oxide 0.04%, Oxides 1.0%, Water 11% FROM LABS	"		D005	WC02	DW	198.0	K
4			L	S	I	CARCINOGENIC ZEOLITE IE-96: ALUMINUM OXIDE 15.5%, BARIUM OXIDE 0.09%, CALCIUM OXIDE 1.1%, FERRIC OXIDE 3.5%, MAGNESIUM OXIDE 0.7%, SODIUM MONOXIDE 7.0%, MOLYBDENUM TRIOXIDE 0.03%, SILICON DIOXIDE 60.1%, STRONTIUM OXIDE 0.04%, TITANIUM OXIDE 0.03%, ZIRCONIUM OXIDE 0.04%, OXIDES 1%, WATER 11%, FROM LABS	"		WC02		DW	300.0	K
5				S	I	TOXIC, IGNITABLE COBALT NITRATE FROM LABS	"		WT01	D001	EHW	30.0	K
6				S	I	IGNITABLE MANGANESE NITRATE HEXAHYDRATE FROM LABS	"		D001		DW	5.0	K
7				S	I	TOXIC, IGNITABLE NICKEL NITRATE FROM LABS	"		WT02	D001	DW	2.3	K
8				S	I	TOXIC, IGNITABLE CUPRIC NITRATE FROM LABS	"		WT01	D001	EHW	2.3	K
9				S	I	TOXIC, IGNITABLE, EP TOXIC BARIUM NITRATE FROM LABS	"		WT01 D005	D001	EHW	10.0	K

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			S	I	IGNITABLE MAGNESIUM NITRATE FROM LABS	S01C	D001	DW	40.0	K	
			S	I	TOXIC, IGNITABLE STRONTIUM NITRATE FROM LABS	"	WT02	D001	DW	155.0	K
			S	I	TOXIC, IGNITABLE, EP TOXIC BARIUM NITRATE FROM LABS	"	WT01 D005	D001	EHW	75.0	K
			S	I	TOXIC ZIRCONYL NITRATE PENTAHYDRATE 16%, SOLUTION FROM LABS	"	WT02	DW	817.8	K	
			L	I	TOXIC ZIRCONYL NITRATE PENTAHYDRATE 8.7%, SOLUTION FROM LABS	"	WT02	DW	227.0	K	
			S	I	TOXIC, EP TOXIC, IGNITABLE ALUMINUM NITRATE NONAHYDRATE 7.62%, BARIUM NITRATE 0.30%, CALCIUM NITRATE 0.28%, CERIUM NITRATE NONAHYDRATE 0.27%, CHROMIC NITRATE NONAHYDRATE 0.38%, CESIUM NITRATE 1.02%, FERRIC NITRATE NONAHYDRATE 21.18%, BORIC ACID 4.4%, LANTHANUM NITRATE HEXAHYDRATE 0.36%, MAGNESIUM NITRATE 1.21%, SODIUM BORATE DECAHYDRATE 11.64%, SODIUM NITRATE 2.6%, SODIUM SULFATE 0.44%, NEODYMIUM NITRATE HEXAHYDRATE 0.93%, NICKEL NITRATE HEXAHYDRATE 0.53%, SILICON DIOXIDE 20.15%, STRONTIUM NITRATE 0.38%, TITANIUM OXIDE 0.01%, ZIRCONIUM NITRATE DIHYDRATE 0.04%, WATER 25.85%, FROM PLANT OPERATIONS	"	D007 D001	WT01	EHW	200.0	K

6. COMMENTS (Enter information by section and/or line number—see instructions).

1988

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TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

1988

Form 5

13. YOUR EPA/STATE HAZARDOUS WASTE
IDENTIFICATION NUMBER

WA 7890008967

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER
WA 7890008967NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington
ZIP: 99352

LINE	15. WASTE IDENTIFICATION		C. S- t-a- t-u- s	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E. Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W-e-C o-l-o-g d-h-e-t		
	A. Manifest Document Number	B. Date Shipment Received											
1				L	I	TOXIC, EP TOXIC, IGNITABLE FERRIC NITRATE NONAHYDRATE 1.04%, FERROUS HYDROXIDE 3.22%, FERRIC PHOSPHATE DIHYDRATE 2.01%, SODIUM NITRATE 0.55%, SODIUM HYDROXIDE 0.01%, CHROMIC NITRATE NONAHYDRATE 0.08%, CHROMIUM HYDROXIDE 0.07%, CESIUM NITRATE 0.04%, ZIRCONYL NITRATE MONOHYDRATE 2.05%, MANGANESE NITRATE TETRAHYDRATE 1.51%, NICKEL NITRATE HEXAHYDRATE 0.27%, NICKEL HYDROXIDE 0.18%, LANTHANUM HYDROXIDE 0.01%, SAMARIUM HYDROXIDE 0.01%, PRASEODYMIUM HYDROXIDE 0.01%, NEODYMIUM HYDROXIDE 0.01%, YTTRIUM HYDROXIDE 0.01%, ALUMINUM NITRATE NONAHYDRATE 1.37%, ALUMINUM HYDROXIDE 0.45%, POTASSIUM NITRATE 0.05%, BARIUM HYDROXIDE 0.02%, STRONTIUM HYDROXIDE 0.01%, CERROUS HYDROXIDE 0.05%, CALCIUM HYDROXIDE 0.19%, SODIUM SULFATE 0.22% SODIUM CHLORIDE 0.01%, MAGNESIUM NITRATE HEXAHYDRATE 2.25%, SODIUM FORMATE 3.24%, SODIUM BORATE DECAHYDRATE 8.78%, LITHIUM CARBONATE 2.31%, TITANIUM OXIDE 0.29%, SILICON DIOXIDE 11.81%, POTASSIUM CARBONATE 1.55%, NITRIC ACID 0.74%, SUGAR 2.16%, WATER 50.0% FROM PLANT OPERATIONS	S01C		D007 D001	WT02	DW	1,236.0	K
2				L	I	TOXIC, CORROSIVE 30% AMMONIUM HYDROXIDE SOLUTION FROM LABS	"		WT01	D002	EHW	4.0	K
7				L	I	TOXIC, CORROSIVE 96% SULFURIC ACID, SOLUTION FROM LABS	"		WT01	D002	EHW	58.0	K
1				L	I	TOXIC, CORROSIVE 38% HYDROCHLORIC ACID SOLUTION FROM LABS	"		WT02	D002	DW	5.0	K
3				L	I	TOXIC, CORROSIVE SOLUTION OF 50% HYDROCHLORIC FROM LABS	"		WT02	D002	DW	4.0	K
5				L	I	TOXIC, CORROSIVE 85% PHOSPHORIC ACID, SOLUTION FROM LABS	"		WT02	D002	DW	7.5	K

16. COMMENTS (Enter information by section and/or line number—see instructions).

TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

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WA 7890008967

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NAME: U.S. Department of Energy - Hanford Site
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1			L	I	TOXIC, CORROSIVE 48% HYDROFLUORIC ACID SOLUTION FROM LABS	S01C	WT01	D002	EHW	1.2 K
2			L	I	TOXIC, CARCINOGENIC, CORROSIVE, EP TOXIC 4% SODIUM DICROMATE, 96% SULFURIC ACID, FROM LABS	"	WT01 D002	WC01 D007	EHW	5.0 K
3			L	I	TOXIC, IGNITABLE, CORROSIVE 65% NITRIC ACID SOLUTION FROM LABS	"	WT01 D002	D001	EHW	0.5 K
4			L	O	TOXIC, CARCINOGENIC, IGNITABLE 37% FORMALDEHYDE SOLUTION FROM LABS	"	WT01 WC01	U122 D001	EHW	2.0 K
5			L	I	SPENT, PERSISTENT, TOXIC DEARBORN ENDCOR 4690: SODIUM PENTACHLOROPHENATE AND POTASSIUM HYDROXIDE FROM PLANT OPERATIONS	"	WP02 F027	WT01	EHW	<.5 K
6			L	I	TOXIC, CORROSIVE SULFURIC ACID SOLUTION FROM LABS	"	WT01	D002	EHW	13.0 K
7			L	I	TOXIC, CORROSIVE, EP TOXIC 1% HYDROCHLORIC ACID, 5% NITRIC ACID, 5% SULFURIC ACID, 1500 PPM MERCURY, 150 PPM CHROMIUM, 100 PPM SILVER, 40 PPM ARSENIC, 25 PPM LEAD, 25 PPM CADMIUM, 15 PPM SELENIUM, 50 PPM FORMALDEHYDE, BALANCE WATER FROM LABS	"	WT01 D009 D007 D011 D004 D008 D006	D002 D007 D004 D010	EHW	20.0 K
8			SL	I	TOXIC, EP TOXIC 50% MERCURY, 50% GLASS FROM LABS	"	U151 D009	WT01	EHW	0.05 K

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	A. Manifest Document Number	B. Date Shipment Received										
1				S	I	IGNITABLE 95% MAGNESIUM, 5% SILICON CARBIDE FROM LABS	S01C	D001	DW	70.0	K	
2				SL	I	IGNITABLE 80% ZIRCONIUM, 20% WATER FROM LABS	"	D001	DW	30.0	K	
3				L	O	SPENT, TOXIC, PERSISTENT, CARCINOGENIC 54% C11-C30 ALIPHATICS, 1% PERCHLOROETHYLENE, 45% WATER FROM PLANT OPERATIONS	"	WT02 WP01	F001 WC02	EHW	200.0	K
4				L	I	TOXIC, EP TOXIC MERCURY METALLIC FROM LABS	"	U151 D009	WT01	EHW	1.9	K
5				L	OI	TOXIC, CARCINOGENIC, IGNITABLE, EP TOXIC MIXTURE CONTAINING METHYL ETHYL KETONE, WATER, CUTTING OIL, MINERAL SPIRITS, ETHYLENE GLYCOL, ETHYLENE GLYCOL MONOPHENYL ETHER, STODDARD SOLVENT, XYLENE, TOLUENE, VINYL RESIN, METHYL ISOBUTYL KETONE, LEAD CHROMATE, CHROMIUM OXIDE FROM PAINTING OPERATIONS	"	F005 WC02 D007	WT01 D001 D008	EHW	200.0	K
6				L	OI	SPENT, TOXIC, CARCINOGENIC, PERSISTENT, IGNITABLE, EP TOXIC MIXTURE CONTAINING METHYL ETHYL KETONE, METHYL ISOBUTYL KETONE, 1-METHOXY-2-PROPANOL, DIPROPYLENE GLYCOL MONOMETHYL ETHER, ETHANOL, TOLUENE, XYLENE, PHENOL, ETHYLENE GLYCOL MONOETHYL ETHER, METHYLENE CHLORIDE, ISOPROPANOL, AMMONIA, MINERAL SPIRITS, ETHYL BENZENE, ETHYLENE GLYCOL, STODDARD SOLVENT, PETROLEUM DISTILLATE, METHANOL; RESINS AND FILLERS: EPOXY ESTER RESIN, CLAY, SYNTHETIC RUBBER, SYNTHETIC HYDROCARBON RESIN, SODIUM PENTACHLOROPHENATE; PIGMENTS: CHROMATE SALT, ZINC CHROMATE, BARIUM SULFATE, ZINC DUST, LEAD COMPOUNDS FROM PAINTING OPERATIONS	"	F005 WT01 WP01 D005 D008	F002 WC01 D001 D007	EHW	200.0	K

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WA 7 8 9 0 0 0 8 9 6 7

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

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NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
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ZIP: 99352

L I N E	15. WASTE IDENTIFICATION		C. S t a t u s	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E. Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e i t g h t	
	A. Manifest Document Number	B. Date Shipment Received										
1				S	I	TOXIC, CARCINOGENIC, EP TOXIC 98% MERCURY, 2% ASBESTOS FROM LABS	S01C		WT01 D009	WC01	EHW	1.0
2				S	I	TOXIC, CARCINOGENIC, EP TOXIC 50% MERCURY; 2% ASBESTOS, 48% SAND FROM LABS	"		WT01 D009	WC01	EHW	0.8
3				L	I	TOXIC, EP TOXIC MERCURY METALLIC FROM LABS	"		WT01 U151	D009	EHW	0.23
4				G	I	CORROSIVE, EP TOXIC CADMIUM NITRATE SLUDGE FROM PLANT OPERATIONS	"		D002	D006	DW	2.5
5				L	O	TOXIC, CARCINOGENIC, IGNITABLE UNSATURATED POLYESTER RESIN >50%, STYRENE MONOMER <20%, INERT FILLERS (SUCH AS TALC, NON-FIBROUS AND MICROSPHERES) FROM PAINTING OPERATIONS	"		WT02 D001	WC01	EHW	5.0
6				L	I	TOXIC, EP TOXIC WATER 60-80%, SURFACTANTS 20-40%, SOAP <2%, CHROMIUM 310 PPM, COPPER 2 PPM, LEAD 2 PPM, NICKEL 1 PPM, ZINC 9 PPM, PCB'S <1 PPM FROM PLANT OPERATIONS	"		WT01	D007	EHW	19.0
7				L	OI	TOXIC, CORROSIVE OIL >80%, WATER <10%, ACIDIC CLEANER 10-15%, DETERGENT <1%, COPPER 13 PPM, ZINC 5 PPM, CHROMIUM 2 PPM, LEAD 2 PPM, PCB'S 5 PPM FROM PLANT OPERATIONS	"		WT02	D002	DW	37.0
8				L	I	CORROSIVE HYDROCHLORIC ACID SOLUTION (5%) FROM PLANT OPERATIONS	"		D002		DW	21.0

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1	A. Manifest Document Number	B. Date Shipment Received	C. S t a t u s	D. Physical State S=Solid L=Liquid 	E Chemical Nature O=Organic I=Inorganic	SPENT, TOXIC, PERSISTENT, CARCINOGENIC, IGNITABLE ACETONE 27.1%, TRICHLOROTRIFLUOROETHANE 33.25%, 1,1,1-TRICHLOROETHANE 29.45%, P-DIOXANE 4.80%, ETHYLENE GLYCOL 0.5%, PROPYLENE GLYCOL 0.05%, 2,2-DIMETHYL-1,3- DIOXOLANE 0.95%, WATER, FROM PLANT OPERATIONS	S01C	F002 WT01 WC01	F003 WP01 D001	EHW	120.0	K
2			L	O		SPENT, TOXIC, PERSISTENT, CARCINOGENIC, IGNITABLE ACETONE 8.6%, P-DIOXANE 0.1%, TRICHLOROTRIFLUOROETHANE 28.8%, 1,1,1-TRICHLOROETHANE 11.7%, C9-C10 SUBSTITUTED BEZENES 2.7%, C9-C10 ALIPHATICS 19.8%, C11-C20 ALIPHATICS 18.9%, WATER, FROM PLANT OPERATIONS	"	F002 WT01 WC02	F003 WP01 D001	EHW	160.0	K
3			L	I	TOXIC, CORROSIVE, EP TOXIC CADMIUM 5.7 PPM, CHROMIUM 7.5 PPM, SULFURIC ACID 15%, WATER, FROM LABS	"	WT01 D006	D002 D007	EHW	200.0	K	
4			L	O	TOXIC, CARCINOGENIC, OIL 82%, PYRENE 0.84%, PHENANTHRENE 0.13%, BENZO(A)ANTHRACENE 0.10%, CHRYSENE 0.08%, FLUORENE 0.02%, BENZO(K)FLUORANTHENE 0.01%, WATER, FROM LABS	"	WT01	WC02	EHW	200.0	K	
5			L	O	TOXIC PHENOL 0.5%, SOLUTION FROM PLANT OPERATIONS	"	WT02		DW	20.0	K	
6			L	I	TOXIC, CORROSIVE SODIUM HYDROXIDE 1%, POTASSIUM HYDROXIDE 1%, AMMONIA 440 PPM, WATER FROM PLANT OPERATIONS	"	WT02	D002	DW	20.0	K	
7			S	I	TOXIC, CORROSIVE SODIUM HYDROXIDE 40%, INERT MATERIAL 60% FROM PLANT OPERATIONS	"	WT01	D002	EHW	20.0	K	

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I.D. NUMBER
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ADDRESS: 2400 Stevens Drive
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ZIP: 99352

LINE	15. WASTE IDENTIFICATION		C. S t a t u s D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E. Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e c c o n t a i o n s h i t	
	A. Manifest Document Number	B. Date Shipment Received									
1			L	O	TOXIC, IGNITABLE 85% 2-BUTOXY ETHANOL, 2% WATER, 2% BUTOXYETHOX Y ETHANOL, 2% N-PROPYL BUTYRATE, 2% BIS(2-BUTOXYETHYL) ETHER, 2% N-BUTYL FORMATE, 1% BUTYRALDEHYDE, 1% 2-PROPYL FURAN, 1% ETHYLENE GLYCOL, 1% ISOBUTYL VINYL ETHER FROM PLANT OPERATIONS	S01C	WT01	D001	EHW	20.0	K
2	"		L	O	SPENT, TOXIC, IGNITABLE 45% C6-C10 ALIPHATICS, 27% C11-C21 ALIPHATICS, 14% XYLENE, 2% XYLENE, 2% ACETONE, 1% 2,2-DIMETHYL-1,3-DEOXOLANE, 3% METHYL ISO-BUTYL KETONE, 5% TOLUENE, 1% BUTYL ACETATE, 1% C9 SUBSTITUTED BENZENES, 1% PHTHALATES FROM PLANT OPERATIONS	"	F003 WT01	F005 D001	EHW	200.0	K
3			L	O	SPENT, TOXIC, IGNITABLE METHYL ETHYL KETONE 10%, C8 KETONES 10%, VISCOUS RESINS TO 100%, FROM PLANT OPERATIONS	"	F005 D001	WT02	DW	238.0	K
			L	O	SPENT, TOXIC, CARCINOGENIC, IGNITABLE XYLENE 10%, N-BUTYL ALCOHOL 2%, TRIETHYLAMINE 1%, NONVOLATILE VISCOUS RESINS 80% FROM PLANT OPERATIONS	"	F003 D001	WT01 WC02	EHW	20.0	K
5			L	O	SPENT, TOXIC TOLUENE 2%, XYLENE 2%, C9-C12 SUBSTITUTED BENZENES 2%, WATER FROM PLANT OPERATIONS	"	F003 WT02	F005	DW	8.0	K
6			S	I	TOXIC, CORROSIVE, EP TOXIC ALKALINE BATTERIES: POTASSIUM HYDROXIDE 11.2%, MERCURIC OXIDE 32.0%, MERCURY <5.0% FROM AUTOMOTIVE OPERATIONS	"	WT01 D009	D002	EHW	2.0	K
			S	O	CARCINOGENIC BASIC FUCHSEN FROM LABS	"	WC02		DW	0.02	K
			S	I	TOXIC BORIC ACID FROM LABS	"	WT02		DW	2.7	K

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	A. Manifest Document Number	B. Date Shipment Received									
1				S	I	TOXIC AMMONIUM CHLORIDE FROM LABS	S01C		WT02	DW	0.5 K
2				S	I	TOXIC CALCIUM CHLORIDE FROM LABS	"		WT02	DW	0.6 K
3				S	I	TOXIC COBALT CHLORIDE FROM LABS	"		WT01	EHW	0.88 K
.				S	I	TOXIC LITHIUM CHLORIDE FROM LABS	"		WT02	DW	1.7 K
.				S	I	TOXIC NICKEL CHLORIDE FROM LABS	"		WT01	EHW	9.0 K
.				S	O	TOXIC CRYSTAL VIOLET FROM LABS	"		WT02	DW	0.008 K
.				S	O	CARCINOGENIC FAST GREEN FROM LABS	"		WC01	EHW	0.01 K
.				S	I	TOXIC FERROUS SULFATE FROM LABS	"		WT01	EHW	0.5 K
.				S	I	TOXIC AMMONIUM MOLYBDATE FROM LABS	"		WT01	EHW	0.5 K
0				S	I	TOXIC MOLYBDENUM TRIOXIDE FROM LABS	"		WT01	EHW	1.2 K
1				S	O	TOXIC SODIUM ACETATE FROM LABS	"		WT02	DW	1.0 K
2				S	I	TOXIC SODIUM METABORATE FROM LABS	"		WT02	DW	0.498 K

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WA 7 8 9 0 0 0 8 9 6 7

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L I N E	15. WASTE IDENTIFICATION		C. S t a t u s	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E. Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e i g h t	
	A. Manifest Document Number	B. Date Shipment Received										
1			S	I		TOXIC, CARCINOGENIC, EP TOXIC CADMIUM CHLORIDE FROM LABS	S01C		WT01 D006	WC01	EHW	0.001 K
2			S	I		TOXIC ZINC CHLORIDE FROM LABS	"		WT01		EHW	0.001 K
3			S	O		TOXIC 2,4-DINITRO-6-SECBUTYLPHENOL FROM LABS	"		WT01		EHW	0.010 K
4			S	O		TOXIC, PERSISTENT 2,3,6-TRICHLOROBENZOIC ACID FROM LABS	"		WT02	WP01	EHW	0.010 K
5			S	I		TOXIC SODIUM BICARBONATE FROM LABS	"		WT02		DW	0.750 K
6			S	I		TOXIC SODIUM CARBONATE, ANHYDROUS FROM LABS	"		WT02		DW	0.5 K
7			S	I		TOXIC CUPRIC SULFATE FROM LABS	"		WT01		EHW	2.5 K
8			SL	I		TOXIC, EP TOXIC POTASSIUM CHLORIDE SOLUTION SATURATED WITH SILVER CHLORIDE FROM LABS	"		WT02	D011	EHW	0.45 K
9			S	O		TOXIC, PERSISTENT, REACTIVE, 3,5-DIBROMO-4-HYDROXYBENZO-NITRILE FROM LABS	"		WT01 D003	WP01	EHW	0.005 K
10			L	I		TOXIC, CORROSIVE SODIUM HYDROXIDE, (80%) SOLUTION FROM LABS	"		WT01	D002	EHW	0.4 K
11			L	I		TOXIC, CORROSIVE SODIUM HYDROXIDE, SOLUTION (4%) FROM LABS	"		WT02	D002	DW	0.5 K
12			L	I		TOXIC, CORROSIVE NITRIC ACID 6.2% FROM LABS	"		WT02	D002	DW	0.5 K

16. COMMENTS (Enter information by section and/or line number—see instructions).

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IDENTIFICATION NUMBER

W	A	7	8	9	0	0	0	8	9	6	7
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14. GENERATOR'S EPA/STATE I.D. NUMBER

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W	A	7	8	9	0	0	0	8	9	6	7
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	A. Manifest Document Number	B. Date Shipment Received									
1				L	I	TOXIC, CORROSIVE NITRIC ACID 37.2%, WATER 62.8% FROM LABS	S01C	WT01	D002	EHW	0.5
2	"			L	I	TOXIC, CORROSIVE NITRIC ACID 9.3%, WATER 90.7% FROM LABS	"	WT02	D002	DW	0.5
3				L	I	TOXIC, CORROSIVE HYDROCHLORIC ACID, (38%) SOLUTION FROM LABS	"	WT02	D002	DW	0.03
4				L	O	TOXIC, IGNITABLE, CORROSIVE ACETIC ACID, GLACIAL FROM LABS	"	WT02 D002	D001	DW	1.2
5				S	I	TOXIC, CORROSIVE SODIUM HYDROXIDE, DRY, SOLID, FLAKE FROM LABS	"	WT01	D002	EHW	0.6
6				S	I	CORROSIVE IODINE CRYSTALS FROM LABS	"	D002		DW	0.1
7				S	OI	TOXIC, PERSISTENT, CARCINOGENIC SOLVENT REFINED COAL MIXED WITH SOIL FROM LABS	"	WT01 WC02	WP03	EHW	2,840.0
8				S	I	IGNITABLE, TOXIC, EP TOXIC SILVER NITRATE FROM LABS	"	D001 D011	WT01	EHW	0.005
9				S	I	IGNITABLE, TOXIC, EP TOXIC SILVER NITRATE FROM LABS	"	D001 D011	WT01	EHW	0.025
10				L	O	TOXIC, IGNITABLE METHYL ALCOHOL FROM LABS	"	U154 D001	WT02	DW	0.1

16. COMMENTS (Enter information by section and/or line number—see instructions).

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TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

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13. YOUR EPA/STATE HAZARDOUS WASTE
IDENTIFICATION NUMBER

WA 7 8 9 0 0 0 8 9 6 7

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA 7 8 9 0 0 0 8 9 6 7

NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington

ZIP: 99352

L I N E	15. WASTE IDENTIFICATION		C. S t a t u s	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel • (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e c i c h a t	
	A. Manifest Document Number	B. Date Shipment Received										
1				S	O	TOXIC, PERSISTENT, CARCINOGENIC, EP TOXIC 2,4-DICHLOROPHOXY-ACETIC ACID FROM LABS	S01C		U240 WP01 D016	WT01 WC02	EHW	0.005 K
2				L	O	PERSISTENT SANTOVAC 5 VACUUM PUMP FLUID CONTAINING POLYPHENOL ETHER >99%, ADDITIVES 1%, FROM LABS	"		WP03		EHW	0.25 K
3				L	OI	TOXIC, EP TOXIC HACH PHENYLARSINE OXIDE SOLUTION CONTAINING <5% SODIUM HYDROXIDE, <15% ETHYLENE GLYCOL, <1% PHENYLARSINE OXIDE, <1% ADDITIVES, WATER, FROM LABS	"		WT02	D004	EHW	6.0 K
4				L	O	EP TOXIC 10% PHENYLARSINE OXIDE SOLUTION FROM LABS	"		D004		EHW	4.0 K
5				L	I	TOXIC, CORROSIVE KODAK HARDENER, RAPID FIXER, PART B: 10-15% SULFURIC ACID, 15-20% ALUMINUM SULFATE, 65-75% WATER, FROM FILM PROCESSING	"		WT02	D002	DW	0.24 K
6				L	I	TOXIC, 95% CORROSIVE WASTE SULFURIC ACID SOLUTION FROM LABS	"		WT01	D002	EHW	0.5 K
7				L	O	TOXIC, IGNITABLE, CORROSIVE WASTE ACETIC ACID, GLACIAL, FROM FILM PROCESSING	"		WT01 D002	D001	EHW	0.25 K
8				L	O	TOXIC KODAK ME-4/ECO-3/VNF-1/RVNP STOP BATH AND REPLENISHER: 65-70% ACETIC ACID, 1-10% SODIUM ACETATE, 15-25% WATER FROM FILM PROCESSING	"		WT01		EHW	11.1 K

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14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA 7890008967

NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
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L I N E	15. WASTE IDENTIFICATION		C. S t a t u s	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e i c h e t	
	A. Manifest Document Number	B. Date Shipment Received										
1				L	O	SPENT, TOXIC, IGNITABLE MIXTURE CONTAINING 17% XYLENE 44% METHANOL, 8% GLACIAL ACETIC ACID, 8% HEMATOXYLIN, 8% EOSIN Y, 7% AMMONIUM HYDROXIDE, 8% WATER, FROM LABS	S01C	F003 D001	WT01	EHW	19.0	K
2				L	O	SPENT, TOXIC, IGNITABLE HEXANE 50%, ACETONE 50% FROM LABS	"	F003 D001	WT02	DW	7.6	K
3				L	O	SPENT, TOXIC, IGNITABLE XYLENE <100%, HEMATOXYLIN <0.1% FROM LABS	"	F003 D001	WT01	EHW	3.8	K
4				L	O	TOXIC, IGNITABLE JT BAKER LSC-GENERAL PURPOSE COCKTAIL: 90-99% O-XYLENE, 0.1-1% 2,5 DIPHENYLOXAZOLE, 0.01-0.1% P-BIS (O-METHYLSTYRYL) BENZENE, FROM LABS	"	WT01	D001	EHW	0.8	K
5				L	O	TOXIC, IGNITABLE, CARCINOGENIC MICROSTOP: 67-72% METHYL ETHYL KETONE, 3-4% PROPYLENE OXIDE, 20-24% VINYL RESIN, <1% RED DYE, FROM LABS	"	WT01 WC01	D001	EHW	3.8	K
6				L	O	TOXIC, IGNITABLE MICROSHIELD: 10-14% METHYL ETHYL KETONE, 18-22% TETRAHYDROFURAN, 40-44% TOLUENE, 24-27% VINYL RESIN, 1% ORANGE DYE, FROM LABS	"	WT01	D001	EHW	3.8	K

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A. Manifest Document Number	B. Date Shipment Received	C. S t a t u s	L	O	TOXIC, CARCINOGENIC, IGNITABLE MICROPEEL: 70-75% METHYL ETHYL KETONE, 2% PROPYLENE OXIDE, 18-22% VINYL RESIN, 4% GREEN PIGMENT, FROM LABS	S01C	WT01 D001	WC01	EHW	3.8	K
			L	O	SPENT, TOXIC, IGNITABLE HEXANE 80%, ACETONE 20%, METHYL PARATHION <0.001% FROM LABS	"	F003 D001	WT02	DW	3.8	K
			L	O	TOXIC, PERSISTENT, IGNITABLE 50% 1,1,1-TRICHLOROETHANE, 25% C4 OXYGENATED HYDROCARBONS, 8% C4-C7 CHLOROHYDROCARBONS, 4% C9-C11 SUBSTITUTED BENZENES, 10% C10-C18 ALIPHATICS, 1% DIHYDROMETHYLINDENE, 1% METHYL NAPHTHALENE, 1% C18 PHENANTHRENE, <2 PPM PCB'S FROM PLANT OPERATIONS	"	F001 WP01	WT01 D001	EHW	200.0	K
			S	OI	TOXIC, EP TOXIC ANTI-SEIZE COMPOUND: 70% METALLIC LEAD POWDER, 22% PARAFFIN BASE, 8% PETROLEUM OIL SAE 40 PETROLEUM GREASE FROM AUTOMOTIVE OPERATIONS	"	WT01 D008	EHW	8.0	K	
			L	O	IGNITABLE, PERSISTENT, CARCINOGENIC, TOXIC >95% MINERAL SPIRITS, <1% 1,2,4-TRICHLOROBENZENE FROM LABS	"	D001 WC02	WP02 WT02	DW	2.0	K
			L	OI	CORROSIVE, TOXIC <5% PHOSPHORIC ACID SOLUTION FROM LABS	"	D002	WT02	DW	13.0	K
			S	I	CARCINOGENIC BERYLLIUM OXIDE FROM LABS	"	WC01	EHW	4.5	K	
			S	I	TOXIC ZINC FROM LABS	"	WT01	EHW	0.001	K	
			S	I	TOXIC, EP TOXIC LEAD FROM LABS	"	WT01 D008	EHW	0.001	K	

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L I N E	15. WASTE IDENTIFICATION		C. S t a t u s D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e c i c g n e t
	A. Manifest Document Number	B. Date Shipment Received								
1			S	I	TOXIC, CORROSIVE, REACTIVE PHOSPHOROUS PENTOXIDE FROM LABS	S01C	WT01 D003	D002	EHW	1.6 K
2			L	O	TOXIC, CORROSIVE, IGNITABLE ETHYLENEDIAMINE FROM LABS	"	WT01 D002	D001	EHW	3.0 K
3			S	I	TOXIC, CARCINOGENIC, IGNITABLE, EP TOXIC POTASSIUM CHROMATE FROM LABS	"	WT01 D001	WC02 D007	EHW	0.001 K
			L	O	TOXIC, PERSISTENT, CARCINOGENIC CHLOROFORM FROM LABS	"	U044 WP01	WT01 WC01	EHW	50.0 K
			S	I	TOXIC POTASSIUM HYDROGEN SULFATE, SOLID, FROM LABS	"	WT02		DW	0.001 K
			S	I	TOXIC, CARCINOGENIC BERYLLIUM WIRE FROM LABS	"	WT01	WC01	EHW	0.025 K
			L	O	TOXIC, IGNITABLE 90% TOLUENE, 10% ETHYLENE ACETATE FROM LABS	"	WT01	D001	EHW	0.4 K
			S	I	IGNITABLE, REACTIVE SODIUM HYDROSULFITE FROM LABS	"	D001	D003	DW	0.2 K
			S	I	IGNITABLE, CORROSIVE, REACTIVE SODIUM METAL FROM LABS	"	D001 D003	D002	DW	0.35 K
0			S	I	TOXIC, IGNITABLE, CORROSIVE, REACTIVE LITHIUM BATTERY: 5% LITHIUM, 50% THIONYL CHLORIDE, 5% ALUMINUM CHLORIDE FROM LABS	"	WT01 D002	D001 D003	EHW	0.05 K

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L I N E	15. WASTE IDENTIFICATION		C. S t a t u s S=Solid L=Liquid G=Sludge M=Compressed Gas	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E. Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e c o d e n t	
	A. Manifest Document Number	B. Date Shipment Received										
1			L	O		IGNITABLE PETROLEUM ETHER FROM LABS	S01C	D001	DW	0.1	K	
2			L	I		TOXIC, EP TOXIC MERCURY, METALLIC FROM LABS	"	U151 D009	WT01	EHW	9.0	K
3			L	I		TOXIC, CORROSIVE, EP TOXIC 10% SODIUM HYDROXIDE, 89.9% WATER, <.1% ARSENIC FROM LABS	"	WT01 D004	D002	EHW	34.0	K
4			L	O		SPENT, TOXIC, IGNITABLE XYLENE FROM LABS	"	WT01 D001	F003	EHW	19.78	K
5			L	O		IGNITABLE KEROSENE FROM LABS	"	D001	DW	26.6	K	
6			L	OI		TOXIC, CARCINOGENIC, EP TOXIC SOLUTION CONTAINING: AMMONIUM MOLYBDATE, ARSENOS OXIDE, HYDRAZINE SULFATE, AMMONIUM ACETATE, ACETIC ACID, FERROUS SULFATE FROM LABS	"	WT01 D004	WC01	EHW	3.8	K
7			L	OI		SPENT, TOXIC, PERSISTENT, IGNITABLE 50% 1,1,1-TRICHLOROETHANE, 41.3% METHANOL, 6.3% POTASSIUM PERMANGANATE, 2.5% ZINC CHLORIDE FROM LABS	"	F002 WT01 D001	F003 WP01	EHW	4.0	K
8			L	OI		SPENT, TOXIC, PERSISTENT, IGNITABLE 50% NORMAL PARAFFIN HYDROCARBONS, 37.5% 1,1,1-TRICHLOROETHANE, 11.3% POTASSIUM PERMANGANATE, 1.3% ZINC CHLORIDE FROM LABS	"	F002 WP01	WT01 D001	EHW	4.0	K
9			L	O		SPENT, TOXIC, PERSISTENT, IGNITABLE 55.6% XYLENE, 17.7% TBP/NPH, 9.6% MISCELLANEOUS REAGENTS, 9.3% CARBON TETRACHLORIDE, 4.1% 1,1,1-TRICHLOROETHANE, 3.7% ETHANOL/ISOAMYL ALCOHOL FROM LABS	"	F002 WT01 D001	F003 WP01	EHW	3.2	K

16. COMMENTS (Enter information by section and/or line number—see instructions).

TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

3. YOUR EPA/STATE HAZARDOUS WASTE
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W	A	7	8	9	0	0	0	8	9	6	7
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14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

W	A	7	8	9	0	0	0	8	9	6	7
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NAME: U.S. Department of Energy - Hanford Site

ADDRESS: 2400 Stevens Drive
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ZIP: 99352

15. WASTE IDENTIFICATION		C.	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E. Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W. C. e. g. e. t	
1			L	O	SPENT, TOXIC, IGNITABLE MIXTURE CONTAINING XYLENE, TRIBUTYL PHOSPHATE FROM LABS	S01C		F003 D001	WT01	EHW	2.7
2			L	O	SPENT, TOXIC, PERSISTENT, IGNITABLE 76.5% XYLENE, 16.9% CHLOROFORM, 4.3% 1,1,1-TRICHLOROETHANE, 2.4% TRIBUTYL PHOSPHATE FROM LABS	"		F002 WT01 D001	F003 WP01	EHW	2.9
3			L	O	SPENT, TOXIC, PERSISTENT, IGNITABLE 43% C6-C15 ALIPHATICS, 20% XYLENE, 9% CHLOROFORM, 9% TOLUENE, 2% WATER, 2% ACETONE, 2% SUBSTITUTED BENZENES, 1% PERCHLOROETHYLENE, 1% TRIBUTYL PHOSPHATE FROM LABS	"		F002 F005 WP01	F003 WT01 D001	EHW	3.8
			L	O	SPENT, TOXIC, PERSISTENT, IGNITABLE 49.2% XYLENE, 18% TOLUENE, 15.1% TBP/NPH, 2.5% 1,1,1-TRICHLOROETHANE, 1.4% CHLOROFORM FROM LABS	"		F002 F005 WP01	F003 WT01 D001	EHW	2.5
			L	I	TOXIC, CORROSIVE 11% HYDROCHLORIC ACID SOLUTION FROM LABS	"		WT02	D002	DW	6.5
			L	OI	TOXIC, EP TOXIC 28.8% CERIC AMMONIUM NITRATE, 12.6% VANADYL SULFATE, 10% HYDROCHLORIC ACID SOLUTION, 7.8% FERROUS SULFATE, 7% NITRIC ACID SOLUTION, 6.8% AMMONIUM MOLYBDATE, 3.9% SULFANILIC ACID, 3.9% HYDROXYLAMINE HYDROCHLORIDE, 3.9% SODIUM CARBONATE, 2.9% BORIC ACID, 2.9% SULFAMIC ACID, 0.03% LEAD NITRATE FROM LABS			WT02	D008	DW	3.5
			L	OI	TOXIC, CARCINOGENIC, CORROSIVE 32.4% CERIC HYDROXIDE, 19% FERRIC AMMONIUM SULFATE SOLUTION, 13.2% AMMONIUM MOLYBDATE, 13.2% FERROUS SULFATE SOLUTION, 7.4% TRIS SOLUTION, 7.3% NITRIC ACID, 4.4% HYDRAZINE, 1.5% SODIUM HYDROXIDE SOLUTION FROM LABS	"		WT01 D002	WC01	EHW	3.5

5. COMMENTS (Enter information by section and/or line number—see instructions).

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NAME: U.S. Department of Energy - Hanford Site

ADDRESS: 2400 Stevens Drive
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15. WASTE IDENTIFICATION		C.	D.	E.	F.	G.	H.	I.	J.	K.
A. Manifest Document Number	B. Date Shipment Received	S t a t u s	Physical State S=Solid L=Liquid G=Sludge 	O=Organic I=Inorganic	Waste Description (see instructions)	Handling Method and Containment Vessel (see instructions)	Dangerous Waste Number (see instructions)	Waste Designa- tion DW or EHW	Amount of Waste	W e C i o n g e t
			L	I	TOXIC, CORROSIVE 75% WATER, 16% NITRIC ACID, 5% HYDROCHLORIC ACID, 4% SULFURIC ACID FROM LABS	S01C	WT02	D002	DW	4.6
			L	I	TOXIC, CARCINOGENIC, CORROSIVE SOLUTION CONTAINING: HYDROGEN PEROXIDE, CERIC SULFATE, SODIUM HYDROXIDE, NITRIC ACID, PHOSPHORIC ACID FROM LABS	"	WT01 D002	WC02	EHW	3.8
			L	I	TOXIC, CORROSIVE SOLUTION CONTAINING: POTASSIUM PERMANGANATE, SULFURIC ACID, PHOSPHORIC ACID, OXALIC ACID FROM LABS	"	WT01	D002	EHW	3.8
			L	I	TOXIC, CORROSIVE SOLUTION CONTAINING: HYDROGEN PEROXIDE, ANN, OXINE, NITRIC ACID, POTASSIUM PERMANGANATE, CERIC SULFATE FROM LABS	"	WT01	D002	EHW	3.8
			L	I	CORROSIVE SOLUTION CONTAINING: FERRIC AMMONIUM SULFATE, FERROUS AMMONIUM SULFATE FROM LABS	"	D002		DW	3.0
			L	OI	TOXIC, CORROSIVE SOLUTION CONTAINING: HYDROXYLAMINE NITRATE, NITRIC ACID, HYDROCHLORIC ACID, SODIUM HYDROXIDE FROM LABS	"	WT01	D002	EHW	3.8
			L	I	TOXIC, CARCINOGENIC, CORROSIVE, EP TOXIC SOLUTION CONTAINING: POTASSIUM PERMANGANATE, POTASSIUM DICROMATE, NITRIC ACID, SILVER NITRATE FROM LABS	"	WT01 D002 D011	WC01 D007	EHW	3.8
			L	OI	TOXIC, CORROSIVE, EP TOXIC SOLUTION CONTAINING: MERCURIC THIOCYANATE, FERRIC AMMONIUM SULFATE, AMMONIUM MOLYBDATE FROM LABS	"	WT01 D009	D002	EHW	3.8

5. COMMENTS (Enter information by section and/or line number—see instructions).

TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

3. YOUR EPA/STATE HAZARDOUS WASTE
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WA	7	8	9	0	0	0	8	9	6	7
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14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA	7	8	9	0	0	0	8	9	6	7
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15. WASTE IDENTIFICATION

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			L	OI	TOXIC SOLUTION CONTAINING HYDRAZINE SULFATE 23%, HYDROCHLORIC ACID SOLUTION 10%, NITRIC ACID SOLUTION 3%, TARTARIC ACID 3%, POTASSIUM PERMANGANATE <1%, FROM LABS	S01C	WT02	DW	3.4	K	
			L	I	TOXIC, CARCINOGENIC, EP TOXIC SOLUTION CONTAINING: 17% SODIUM HYDROXIDE, 17% SODIUM CARBONATE, 13% NITRIC ACID SOLUTION, 10.5% HYDROCHLORIC ACID SOLUTION, 8% EDTA, 5% SPARGING ACID, 4% SODIUM FLUORIDE, 3% PHENOL, 3% HYDROGEN PEROXIDE, 3% AMMONIUM CHLORIDE, 3% POTASSIUM HYDROGEN PHOSPHATE, 3% SODIUM HYDROGEN PHOSPHATE, 3% SODIUM BORATE, 2.5% TRIETHANOLAMINE, 2.5% SODIUM CARBONATE, 2.5% SODIUM DICHLROMATE FROM LABS	"	WT01 D007	WC01	EHW	4.1	K
			L	I	TOXIC SODIUM NITROFERRICYANIDE SOLUTION FROM LABS	"	WT01	EHW	1.0	K	
			L	I	TOXIC SOLUTION CONTAINING 4.7% SODIUM HYDROXIDE, 1.1% ALUMINUM, .5% FERRIC SULFATE FROM LABS	"	WT02	DW	2.5	K	
			L	O	TOXIC SOLUTION CONTAINING: HYDROXYQUINOLINE, AMMONIUM HYDROXIDE, AMMONIUM ACETATE FROM LABS	"	WT01	EHW	3.8	K	
			L	OI	LABPACK OF ASSORTED AEROSOL CANS CONTAINING: TOLUENE, METHYLENE CHLORIDE, HEXANE, 1,1,1-TRICHLOROETHANE, RESINS AND FILLERS FROM PAINTING OPERATIONS	"	WL01 WP01 WC01	WT01 D001	EHW	3.0	K
			L	OI	LABPACK TRIBUTYL PHOSPHATE, MERIUM #3 FLUID, KING INDICATING FLUID #100, SKIL LUBRICANT, OIL, TELETYPE CORP., BECKMAN BUFFER SOLUTION, BUFFER SOLUTION FROM PAINTING OPERATIONS	"	WL02	WT02	DW	4.9	K
			S	I	TOXIC, REACTIVE POTASSIUM CYANIDE, SOLID FROM LABS	"	P098 D003	WT01	EHW	0.2	K

5. COMMENTS (Enter information by section and/or line number—see instructions).

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TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

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Richland, Washington
ZIP: 99352

15. WASTE IDENTIFICATION		C.	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E. Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e C i o n g e s t
A. Manifest Document Number	B. Date Shipment Received	C. S t a t u s			IGNITABLE, REACTIVE SODIUM SULFIDE, ANHYDROUS FROM LABS	S01C	D001	D003	DW	0.3
		S	I		IGNITABLE AMMONIUM NITRATE FROM LABS	"	D001		DW	0.45
		S	I		TOXIC, IGNITABLE, EP TOXIC MERCURIC NITRATE FROM LABS	"	WT01 D009	D001	EHW	0.01
		S	I		TOXIC, IGNITABLE LANTHANUM NITRATE FROM LABS	"	WT02	D001	DW	0.075
		S	I		TOXIC, IGNITABLE FERRIC NITRATE FROM LABS	"	WT02	D001	DW	0.025
		S	O		CORROSIVE OAKITE DRYCID CONTAINING >95% SULFAMIC ACID FROM LABS	"	D002		DW	0.09
		S	I		TOXIC, CORROSIVE CALCIUM HYDROXIDE FROM LABS	"	WT01	D002	EHW	0.5
		S	I		TOXIC, CORROSIVE 80-90% SODIUM HYDROXIDE, <10% SODIUM CARBONATE, <5% SODIUM METASILICATE FROM LABS	"	WT01	D002	EHW	0.09
		S	I		TOXIC AMMONIUM CARBONATE FROM LABS	"	WT02		DW	0.01
		S	I		TOXIC SODIUM FLUORIDE FROM LABS	"	WT02		DW	0.45
		S	I		TOXIC EDTA TETRASODIUM SALT FROM LABS	"	WT02		DW	0.03

5. COMMENTS (Enter information by section and/or line number—see instructions).

13. YOUR EPA/STATE HAZARDOUS WASTE IDENTIFICATION NUMBER

WA 7 8 9 0 0 0 8 9 6 7

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA 7 8 9 0 0 0 8 9 6 7

NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington

ZIP: 99352

15. WASTE IDENTIFICATION		C.	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e c i o n g h e r i	
	A. Manifest Document Number	B. Date Shipment Received	S	I	TOXIC FERROUS SULFATE FROM LABS	S01C	WT01	EHW	0.005	K	
1			S	I	TOXIC COPPER GRANULES FROM LABS	"	WT01	EHW	0.01	K	
2		"	L	O	IGNITABLE, CORROSIVE, TOXIC ETHYLENE GLYCOL <0.1%, AMMONIA 19%, WATER FROM PLANT OPERATIONS	"	D001 WT01	D002	EHW	200.0	K
3			L	OI	CORROSIVE OIL MIXTURE CONTAINING HYDROCHLORIC ACID FROM PLANT OPERATIONS	"	D002	DW	200.0	K	
4			L	O	SPENT, TOXIC TOLUENE 10%, XYLENE 15%, SUBSTITUTED PHENANTHRENES 1%, C13 + ALIPHATICS 74% FROM PLANT OPERATIONS	"	F003 WT01	F005	EHW	200.0	K
5			L	OI	CORROSIVE MIXTURE CONTAINING OIL, SODIUM HYDROXIDE, WATER FROM PLANT OPERATIONS	"	D002	DW	200.0	K	
6			L	O	SPENT, TOXIC, PERSISTENT IGNITABLE ISOPROPANOL 0.9%, 1,1,1-TRICHLOROETHANE 4.5%, C9-C10 ALIPHATICS 29.7%, SUBSTITUTED PHENOLS 1.8%, SUBSTITUTED ANTHRACENES/PHENANTHRENES 6.3%, SUBSTITUTED CYCLIC BUTYRALDEHYDES, C11-C16 ALIPHATICS 45%, FROM PLANT OPERATIONS	"	F002 WP01 D001	WT01 D001	EHW	125.0	K
7			L	O	SPENT, TOXIC, CARCINOGENIC, IGNITABLE MIXTURE CONTAINING TOLUENE, XYLENE, BENZENE, ALIPHATICS FROM PLANT OPERATIONS	"	F003 WT02	F005 WC02	DW	200.0	K
8			L	O	SPENT, TOXIC, FLAMMABLE TOLUENE, XYLENE, METHYL ETHYL KETONE 12%, C9-C10 SUBSTITUTED BENZENES 15%, C9-C10 ALIPHATICS 40%, C11-C13 ALIPHATICS 31% (FLASHPOINT: <82° F) FROM PLANT OPERATIONS	"	F003 WT02	F005 D001	DW	200.0	K

6. COMMENTS (Enter information by section and/or line number—see instructions).

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13. YOUR EPA/STATE HAZARDOUS WASTE
IDENTIFICATION NUMBER

WA 7890008967

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA 7890008967

NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington
ZIP: 99352

15. WASTE IDENTIFICATION		C.	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E. Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e C o d e r i	
1			L	O	SPENT, TOXIC, IGNITABLE METHYL ETHYL KETONE 32%, CELLOSOLVE 1%, METHYL-ISO-BUTYL-KETONE 5%, TOLUENE 5%, XYLENE 3%, WATER 3%, C9-C10 SUBSTITUTED BENZENES 7%, C9-C13 ALIPHATICS 44% FROM PLANT OPERATIONS	S01C	F003 WT01	F005 D001	EHW	200.0	K
2	"		L	O	SPENT, PERSISTENT, CARCINOGENIC, IGNITABLE TOXIC 1,1,1-TRI-CHLOROETHANE 6%, PERCHLOROETHYLENE 5%, C13 + ALIPHATICS 40%, WATER FROM PLANT OPERATIONS	"	F002 WC01 WT01	WP01 D001	EHW	200.0	K
			S	I	REACTIVE SODIUM SULFIDE, ANHYDROUS FROM LABS	"	D001	D003	DW	0.4	K
			L	O	TOXIC, ISOCTANE >99%, 2-10 PPM PCB'S FROM LABS	"	WT02	D001	DW	12.0	K

5. COMMENTS (Enter information by section and/or line number—see instructions).

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TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

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13. YOUR EPA/STATE HAZARDOUS WASTE
IDENTIFICATION NUMBER

WA 7 8 9 0 0 0 8 9 6 7

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA 7 8 9 0 0 0 8 9 6 7

NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington

ZIP: 99352

15. WASTE IDENTIFICATION			C.	D.	E.	F.	G.	H.	I.	J.	K.	
LINE	A. Manifest Document Number	B. Date Shipment Received	S t a t u s	Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E Chemical Nature O=Organic I>Inorganic	Waste Description (see Instructions)	Handling Method and Containment Vessel (see Instructions)	Dangerous Waste Number (see Instructions)	Waste Designation DW or EHW	Amount of Waste	W C I O G H T	
1	123188	P	L	I		CORROSIVE SULFURIC ACID SOLUTION NEUTRALIZED WITH CORROSIVE SODIUM HYDROXIDE SOLUTION FROM CO-REGENERATION OF WATER DEMINERALIZERS	T310		D002	WT02	DW	2,300,000 K

6. COMMENTS (Enter information by section and/or line number—see instructions).

LINE 1: IN THE PUREX DEMINERALIZER, BOTH CATION AND ANION BEDS ARE REGENERATED SIMULTANEOUSLY AND NEUTRALIZATION TAKES PLACE IN THE COMMON EFFLUENT PIPING. THE FINAL SOLUTION IS NONREGULATED FOR CORROSIVITY BEFORE ENTERING THE 216-B-3 POND.

Line 1: Column G, fourth digit, is the letter o. (alphabetical)

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13. YOUR EPA/STATE HAZARDOUS WASTE IDENTIFICATION NUMBER

W	A	7	8	9	0	0	0	8	9	6	7
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14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

W	A	7	8	9	0	0	0	8	9	6	7
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NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington

ZIP: 99352

15. WASTE IDENTIFICATION			C.	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E. Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method • and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e i o g n t
LINE 1	A. Manifest Document Number	B. Date Shipment Received	P	L	I	CORROSIVE SULFURIC ACID SOLUTION NEUTRALIZED WITH CORROSIVE SODIUM HYDROXIDE SOLUTION FROM REGENERATION OF DEMINERALIZER	T310	D002	DW	152	K

16. COMMENTS (Enter information by section and/or line number—see instructions).

LINE 1: 333 DEMINERALIZER. THE WASTE IS NEUTRALIZED AND THE RESULTING SOLUTION IS NONREGULATED FOR CORROSIVITY.

Line 1: Column G, fourth digit, is the letter o. (alphabetical)

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TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

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13. YOUR EPA/STATE HAZARDOUS WASTE
IDENTIFICATION NUMBER

WA 7 8 9 0 0 0 8 9 6 7

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA 7 8 9 0 0 0 8 9 6 7

NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Washington
ZIP: 99352

L I N E	15. WASTE IDENTIFICATION		C. S t a t u s	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E. Chemical Nature O=Organic I=Inorganic	F. Waste Description (see Instructions)	G. Handling Method and Containment Vessel (see Instructions)	H. Dangerous Waste Number (see Instructions)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W e i d e n t i f i c a t i o n s	
	A. Manifest Document Number	B. Date Shipment Received										
1			S	I		FLAMMABLE, CORROSIVE, REACTIVE SODIUM FROM PLANT OPERATIONS	S01C	D001 D002	D003	DW	6.4	K
2			S	I		FLAMMABLE, REACTIVE LITHIUM FROM PLANT OPERATIONS	S01C	D001	D003	DW	216.0	K
3	110888		S	I		FLAMMABLE, CORROSIVE, REACTIVE SODIUM FROM PLANT OPERATIONS	S01C	D001 D002	D003	DW	32.0	K

16. COMMENTS (Enter information by section and/or line number—see instructions).

LINES 1 - 3: 3718-F ALKALI METAL TREATMENT AND STORAGE FACILITY.

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TSD FACILITY ANNUAL DANGEROUS WASTE REPORT

1988

Form 5

13. YOUR EPA/STATE HAZARDOUS WASTE
IDENTIFICATION NUMBER

WA|7|8|9|0|0|0|8|9|6|7

14. GENERATOR'S EPA/STATE I.D. NUMBER

I.D. NUMBER

WA|7|8|9|0|0|0|8|9|6|7

NAME: U.S. Department of Energy - Hanford Site
ADDRESS: 2400 Stevens Drive
Richland, Wa ZIP: 99352

15. WASTE IDENTIFICATION

L I N E	A. Manifest Document Number	B. Date Shipment Received	C.S t a t u s	D. Physical State S=Solid L=Liquid G=Sludge M=Compressed Gas	E. Chemical Nature O=Organic I=Inorganic	F. Waste Description (see instructions)	G. Handling Method and Containment Vessel (see instructions)	H. Dangerous Waste Number (see instructions and WAC 173-303)	I. Waste Designa- tion DW or EHW	J. Amount of Waste	K. W E C I O G D H E T	
1		122788		SL	O	LABPACK ACETYLENE TETRABROMIDE, 2,4,5-TRICHLOROPHENOL, 2,4,6-TRICHLOROPHENOL, CHLOROFORM, BROMOCHLOROMETHANE, DIELDRIN, LINDANE, TOXAPHENE, TRICHLOROETHYLENE FROM LAB	S01C	WL01 P123 U129 U228 D013 D015 WC01 WP01	P037 U044 F027 D013 WC01 WT02	EHW	1.03	K
2		122788		S	I	IGNITABLE, EP TOXIC, CARCINOGENIC, TOXIC POTASSIUM DICROMATE FROM LAB	S01C	D001 WC01	D007 WT02	EHW	2.25	K
3		122788		S	I	LABPACK FERRIC CHLORIDE, SODIUM METABISULFITE FROM LAB	S01C	WL02	WT02	DW	2.70	K
4		122788		SL	OI	LABPACK BROMOFORM, CHRYSENE, FLUORANTHENE, HEPTACHLOR, HEXACHLOROBENZENE, METHYL IODIDE, DICHLORODIPHENYLDICHLOROETHANE, DICHLORODIPHENYLTRICHLOROETHANE, PHTHALIC ANHYDRIDE, METHOXYCHLOR FROM LAB	S01C	WL01 U138 U225 U190 U120 U050 WC01 WP01	U127 U060 U061 U120 P059 WC02 WP03	EHW	.937	K
5		122788		L	O	LABPACK DIBENZANTHRACENE, DICHLOROBENZENE, AMINONAPHTHALENE, PENTACHLOROPHENOL, PHENYL ISOTHIOCYANATE FROM LAB	S01C	WL01 U071 U242 WC01 WP01	U063 U167 D003 WC02 WT02	EHW	.216	K

16. COMMENTS (Enter information by section and/or line number--see instructions).