



INDUSTRIES

PPG INDUSTRIES, INC. CHEMICAL DIVISION - U.S. P. O. BOX 1000 LAKE CHARLES, LA. 70602

December 4, 1990

Mr. James T. Salmon
Manager, Compliance and Safety
Waste-Tech Services, Inc.
18400 W. 10th Avenue
Golden, CO 80401

Re: Updating of WTS-005.1 Characterization

Dear Mr. Salmon:

Please find enclosed the necessary information for updating the characterization of Waste Profile WTS-005.1. As a result of the Toxicity Characterization which became effective on September 25, 1990 and in anticipation of the new DOT regulations to become effective January 1, 1991, the EPA waste codes and DOT shipping name have been changed on this waste. A copy of the TCLP results from SGS Environmental Laboratories on two samples of WTS-005.1 has been included.

The proper shipping name should be revised to read as follows:

Waste Flammable liquid, n.o.s., Flammable liquid,
UN1993, RQ (Ethylene dichloride, 1,1-dichloroethylene)

The EPA waste codes to include the TC are as follows:

F024, D001, D018, D019, D022, D029, D039, D040

If there are any questions regarding this information, please contact me at 318-491-4370.

Respectfully,

A handwritten signature in cursive script that reads 'Gerald L. Perry'.

Gerald L. Perry
Environmental Control Specialist

GLP/vc

SL 021790

GENERATOR'S WASTE MATERIAL PROFILE SHEET

PLEASE PRINT IN INK OR TYPE (Eltts. 12-pitch).

SUBMITTED TO WASTE TECH SERVICES
DATE: July 26, 1991

WTS-002

Waste Profile Sheet Code

A. GENERAL INFORMATION

1. Generator Name: PPG Industries, Inc. 2. Generator USEPA ID: LAD 008086506
3. Facility Address: P. O. Box 1000 4. Generator State ID: Same
Lake Charles, LA
(Columbia Southern Road) 5. Zip Code: 70602
6. Technical Contact: William H. Cooper 7. Title: Env. Control Spec. 8. Phone: (318) 491 - 4250

B. MAIL WASTE TECH SERVICES

INVOICES TO 1. ☒ Generating Facility (A, above), or

2. Company Name: _____ 3. Phone: () _____
4. Address: _____
5. Zip Code: _____

C. 1. NAME OF WASTE Classifier Indeterminate Phase
2. PROCESS GENERATING WASTE Production of Chlorinated hydrocarbons
3. Is this waste a Dioxin listed waste as defined in 40 CFR 261.31 (e.g., F020, F021, F022, F023, F026, F027, or F028)?
☐ Yes ☒ No If yes, DO NOT COMPLETE this form.

D. PHYSICAL CHARACTERISTICS OF WASTE

1. Color: Black 2. Does the waste have a strong incidental odor?
☐ No ☒ Yes If known, describe: _____
3. Physical State @ 70°F:
☐ Solid ☒ Semi-Solid
☐ Liquid ☐ Powder
Other: _____
4. Layers:
☒ Multilayered
☐ Bi-layered
☐ Single Phased
5. Specific Gravity:
Range: 1.1 - 1.5
6. Free Liquids:
☒ Yes ☐ No
Volume: 95-100
7. pH: ☐ ≤ 2 ☐ > 2-4 ☐ 4-7 ☐ 7 ☐ 7-10 ☐ 10- < 12.5 ☐ ≥ 12.5 ☐ Range 1 - 7
8. Liquid Flash Point: ☐ < 73°F ☒ 73-99°F ☐ 100-139°F ☐ 140-199°F ☐ ≥ 200°F ☐ None ☒ Closed Cup ☐ Open

E. CHEMICAL COMPOSITION

	RANGE	
	MIN. - MAX.	
1. Water	25 - 75	%
Chlorinated hydrocarbons	20 - 50	%
Ash	4 - 14	%
		%
		%
		%
		%
		%
		%
		%
		%

Please note: The chemical composition total in the maximum column must be greater than or equal to 100%. TOTAL: >100 %

2. Indicate if this waste contains any of the following:

	N	NE	or	LESS THAN	or	ACTUAL
PCB's	☐	☒	<	50 ppm	<u>12-35</u>	ppm
Cyanides	☐	☐	<	50 ppm		ppm
Phenolics	☐	☐	<	50 ppm		ppm
Sulfides	☐	☐	<	50 ppm		ppm

F. METALS Indicate if this waste contains any of the following:

1. ☐ EP TOX/TCLP	or	2. ☒ Total	
METAL	LESS THAN	or	ACTU.
			(Parts Per Million)
Arsenic	☐ < 5	☐ < 500	0.83
Barium	☐ < 100		37.8
Cadmium	☐ < 1	☐ < 100	0.54
Chromium	☐ < 5		69.3
Lead	☐ < 5	☐ < 500	2.05
Mercury	☐ < 0.2	☐ < 20	0.8
Selenium	☐ < 1	☐ < 100	0.10
Silver	☐ < 5		< 1.6
Chromium-Hex	☐ < 5	☐ < 500	UN
Copper	☐ < 5		19
Nickel	☐ < 5	☐ < 134	61
Thallium	☐ < 5	☐ < 130	UN
Zinc	☐ < 5		UN
Antimony	☐ <		< 6.0
Beryllium	☐ <	SL 021791	< 1.0

GENERATOR'S WASTE MATERIAL PROFILE SHEET (Continued)

WTS- 002

Waste Profile Sheet Co

G. OTHER HAZARDOUS CHARACTERISTICS

- Is this waste a listed solvent waste as defined by 40 CFR 261.31 (F001, F002, F003, F004, or F005)? ☐ Yes ☒ No
- Does this waste contain greater than 1000 ppm total halogenated organic compounds? ☒ Yes ☐ No
- Indicate if this waste is any of the following:

☐ RCRA Reactive	☐ Radioactive
☐ Water Reactive	☐ Etiological
☐ Explosive	☐ Pesticide Manufacturing Waste
☐ Shock Sensitive	☐ Other _____
☐ Pyrophoric	☒ None of the above

H. COMPLETE ONLY FOR WASTES INTENDED FOR FUELS or INCINERATION

	LESS THAN	or	ACTUAL
Beryllium	☐ < 5000 ppm		_____ ppm
Potassium	☐ < 5000 ppm		_____ ppm
Sodium	☐ < 5000 ppm		_____ ppm
Total Bromine	☐ < 2 %		_____ %
Total Chlorine	☐ < 35 %		_____ %
Total Fluorine	☐ < 1 %		_____ %
Total Sulfur			_____ %

I. OPTIONAL — RECLAMATION, FUELS, OR INCINERATION PARAMETERS Provide if information is available.

- Heat Value (BTU/lb): 825 - 2500 Range
- Water: 48-52
- Viscosity (cps): _____ @ ☐ _____ °F ☐ 100°F ☐ 15
- Ash: 4-14 %
- Settleable solids: _____
- Vapor Pressure @ STP (mm/Hg): _____
- Is this waste a pumpable liquid? ☒ Yes ☐ No
Type of pump? _____
- Can this waste be heated to improve flow? ☐ Yes ☒ No
- Is this waste soluble in water? ☐ Yes ☒ No
- Particle size: Will the solid portion of this waste pass through a 1/8 inch screen? ☒ Yes ☐ No

J. TRANSPORTATION INFORMATION

- Is this a DOT Hazardous Material? ☒ Yes ☐ No
- Anticipated Annual Volume/Units: _____
- Proper Shipping Name: Waste Flammable liquid, n.o.s., UN1993, RQ
- Hazard Class: Flammable liquid
- I.D. #: UN1993
- Additional Description: (F024)
- Method of Shipment: ☒ Bulk Liquid ☐ Bulk Solid ☐ Drum (Type/Size): _____ Other: Vac Truck
- CERCLA Reportable Quantity (RQ): 1
- RQ Units (lb/kg): 1b
- USEPA Hazardous Waste? ☒ Yes ☐ No
- USEPA Hazardous Waste Number(s): F024
- State Hazardous Waste? ☒ Yes ☐ No
- State Hazardous Waste Number(s): F024

K. SPECIAL HANDLING INFORMATION

MSDS-

☐ Additional Page(s) Attached

L. GENERATOR CERTIFICATION I hereby certify that all information submitted in this and all attached documents contains true accurate descriptions of this waste material, and all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.

1. William H. Cooper
Signature

2. Env. Control Spec.
Title

3. William H. Cooper
Name (Type or Print)

4. July 26, 1991
Date

021792

GENERATOR'S WASTE MATERIAL PROFILE SHEET (Continued)

WTS-002

Waste Profile Sheet Code

G. OTHER HAZARDOUS CHARACTERISTICS

1. Is this waste a listed solvent waste as defined by 40 CFR 261.31 (F001, F002, F003, F004, or F005)? ☐ Yes ☒ No
2. Does this waste contain greater than 1000 ppm total halogenated organic compounds? ☒ Yes ☐ No
3. Indicate if this waste is any of the following:

☐ RCRA Reactive	☐ Radioactive
☐ Water Reactive	☐ Etiological
☐ Explosive	☐ Pesticide Manufacturing Waste
☐ Shock Sensitive	☐ Other _____
☐ Pyrophoric	☒ None of the above

H. COMPLETE ONLY FOR WASTES INTENDED FOR FUELS or INCINERATION

	LESS THAN	or	ACTUAL
Beryllium	☐ < 5000 ppm		<u>0</u> ppm
Potassium	☐ < 5000 ppm		<u>UNK</u> ppm
Sodium	☒ < 5000 ppm		_____ ppm
Total Bromine	☐ < 2 %		<u>UNK</u> %
Total Chlorine	☒ < 35 %		_____ %
Total Fluorine	☐ < 1 %		<u>UNK</u> %
Total Sulfur			<u>UNK</u> %

I. OPTIONAL — RECLAMATION, FUELS, OR INCINERATION PARAMETERS Provide if information is available.

1. Heat Value (BTU/lb): 825 - 2500 Range
2. Water: 25-75 %
3. Viscosity (cpe): _____ @ ☐ _____ °F ☐ 100°F ☐ 150°F
4. Ash: 4-14 %
5. Settleable solids: _____ %
6. Vapor Pressure @ STP (mm/Hg): _____
7. Is this waste a pumpable liquid? ☒ Yes ☐ No
Type of pump? _____
8. Can this waste be heated to improve flow? ☐ Yes ☒ No
9. Is this waste soluble in water? ☐ Yes ☒ No
10. Particle size: Will the solid portion of this waste pass through a 1/8 inch screen? ☒ Yes ☐ No

J. TRANSPORTATION INFORMATION

1. Is this a DOT Hazardous Material? ☒ Yes ☐ No
2. Anticipated Annual Volume/Units: 1
3. Proper Shipping Name: Waste Flammable liquid, n.o.s., Flammable liquid UN1993, RO*
4. Hazard Class: Flammable liquid
5. I.D. #: UN1993
6. Additional Description: (*Ethylene dichloride, ethyl chloride) (technical names)
7. Method of Shipment: ☒ Bulk Liquid ☐ Bulk Solid ☒ Drum (Type/Size): 55gal / Other: _____
8. CERCLA Reportable Quantity (RQ): 1
9. RQ Units (lb/kg): 1b
10. USEPA Hazardous Waste? ☒ Yes ☐ No
11. USEPA Hazardous Waste Number(s): F024, D001, D019, D022, D028, D029, D039, D046, D043
12. State Hazardous Waste? ☒ Yes ☐ No
13. State Hazardous Waste Number(s): (same as above)

K. SPECIAL HANDLING INFORMATION

MSDS - LC5C

☐ Additional Page(s) Attached

L. GENERATOR CERTIFICATION I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste material, and all relevant information regarding known or suspected hazards in the possession of generator has been disclosed.

1. Gerald L. Perry
Signature

2. Env. Control Spec.
Title

3. Gerald L. Perry
Name (Type or Print)

4. 12/04/90

SL 021794

SI-701

WASTE ANALYSIS REPORT
Environmental Laboratory
PPG Industries, Inc., Lake Charles, La.

Sample: WTU Separator Indeterminate Phase (WTS-002).
Location of Sample: North Classifier liquid phase.
Sample Collector: W. Cooper - G. Prejean
Sample Method/Device: Random grab - dipper
Date/Time of Sampling: 9-18-90 9:00 am
Date All Analyses Completed: 10-17-90 Report Submitted By: Gary Prejean
Date: 10-30-90

ANALYSIS RESULTS

Lab Log Sample No 1403

Test Parameters		Standard				
Ignitability	(✓) N/A	140°F				
Corrosivity	pH	2-12.5				
	(✓) N/A inch/vr	0.250 max				
Reactivity						
	(✓) N/A					
TCLP Toxicity (mg/L) () N/A	As	5.0 max	ND			
	Ba	100.0 max	5.7			
	Cd	1.0 max	ND			
	Cr	5.0 max	ND			
	Pb	5.0 max	0.08			
	Hg	0.2 max	0.009			
	Se	1.0 max	ND			
	Ag	5.0 max	ND			

	<u>CHLORINATED HYDROCARBONS (%)</u>			
	<u>Chloroethene</u>	(VC)	<u>PCBs</u>	ppm
	<u>Chloroethane</u>	(EC)		
	<u>Dichloromethane</u>	(MeCl ₂)	<u>Heat</u>	
	<u>1,1-Dichloroethene</u>	(VDC)	<u>Value</u>	BTU/lb
	<u>1,1-Dichloroethane</u>	(DCE)		
<u>Other</u>	<u>1,2-Dichloroethene</u>	(cis/trans)	<u>Chlorine</u>	%
<u>Parameters</u>	<u>Trichloromethane</u>	(CHCl ₃)		
	<u>1,2-Dichloroethane</u>	(EDC)	<u>Water</u>	wt%
(if needed)	<u>1,1,1-Trichloroethane</u>	(MC)		
(✓) N/A	<u>Tetrachloromethane</u>	(CCl ₄)	<u>Density</u>	g/ml
	<u>Trichloroethene</u>	(Trichlor)		
	<u>1,1,2-Trichloroethane</u>	(TCE)	<u>Ash</u>	wt%
	<u>Tetrachlorethene</u>	(Perchlor)		
	<u>1,1,1,2-Tetrachloroethane</u>	(unsym)	<u>Sodium</u>	wt%
	<u>1,1,2,2-Tetrachloroethane</u>	(sym)		
<u>ND/none</u>	<u>Pentachloroethane</u>	(Penta)		
<u>detected</u>	<u>para-Dichlorobenzene</u>	(p-DCB)		
	<u>Hexachloroethane</u>	(HEXA)		
	<u>Hexachlorobutadiene</u>	(HCB ₂ D)		
	<u>Unknown ClHC</u>			
	<u>Total ClHC</u>	(%)		
				SL 021795

SL 021795

Disposal Method

Profile No

WTS-002

From: American Laboratories and
Research Services, Inc.
P.O. Box 15609
Hattiesburg, MS 39402-5609
601-264-9320

Date: October 19, 1990

To: Mr. William H. Cooper
PPG Industries
Chemicals Division
P.O. Box 1000
Lake Charles, LA 70602

The following analytical results have been obtained for the
indicated sample which was submitted to this laboratory:

Sample I.D. AAQ4933

Sample location: PPGHC

Lab log 1403-WTU Sep.Ind.Phase

Collected by: COOPER

Collection date: 09/18/90 Time: 9:00

Laboratory submittal date: 09/20/90 Time: 19:00

Received by: RLH

Validated by: RLH

Parameter: TCLP Extraction
Method reference: SW846-1311
Result: done

Date started: 09/26/90
Time started: 16:50

Date finished: 09/27/90
Analyst: MJF

Parameter: TCLP Metals
Method reference: SW846 3rd Ed
Result: see appended report
Date started: 10/09/90
Time started: 16:00

Date finished: 10/15/90
Analyst: MJF

Parameter: TCLP Volatile Organics
Method reference: EPA 624
Result: see appended report
Date started: 10/02/90
Time started: 01:25

Date finished: 10/02/90
Analyst: BB

SL 021796

Mr. William H. Cooper
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October 19, 1990

Sample I.D. AA04933 (continued)

Parameter: TCLP Semi-Volatiles
Method reference: EPA 625
Result: see appended report
Date started: 10/01/90
Time started: 12:17

Date finished: 10/01/90
Analyst: BB

Parameter: Priority Pollutant Metals
Method reference: SW846 3rd.ed
Result: see appended report
Date started: 10/13/90
Time started: 18:00

Date finished: 10/17/90
Analyst: MJF

Data for TCLP Semi-Volatiles ug/L

Component Name	Concentration	Component MDL
1,4-Dichlorobenzene	97	10
Hexachloroethane	40	10
Nitrobenzene	Not Det	10
Hexachlorobutadiene	19	10
2,4-Dinitrotoluene	Not Det	10
Hexachlorobenzene	Not Det	10
Cresols, total	Not Det	20
2,4,6-Trichlorophenol	Not Det	10
2,4,5-Trichlorophenol	Not Det	50
Pentachlorophenol	Not Det	50

Data for TCLP Volatile Organics ug/L

Component Name	Concentration	Component MDL
Benzene	400	10
Carbon Tetrachloride	3500	10
Chlorobenzene	560	10
Chloroform	44000	10
1,2-Dichloroethane	270000	10
1,1-Dichloroethene	3300	10
Methyl Ethyl Ketone	Not Det	10
Tetrachloroethene	18000	10
Trichloroethene	39000	10
Vinyl Chloride	600	10
Pyridine	Not Det	500

Mr. William H. Cooper
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October 19, 1990

Sample I.D. AA04933 (continued)

Data for TCLP Metals mg/L

Component Name	Concentration	Component MDL
Arsenic, TCLP	Not Det	.005
Barium, TCLP	5.7	.1
Cadmium, TCLP	Not Det	.01
Chromium, TCLP	Not Det	.03
Lead, TCLP	.08	.04
Mercury, TCLP	.009	.005
Selenium, TCLP	Not Det	.005
Silver, TCLP	Not Det	.03

Data for Priority Pollutant Metals mg/L

Component Name	Concentration	Component MDL
Antimony	Not Det	30
Arsenic	Not Det	.1
Beryllium	Not Det	30
Cadmium	Not Det	1
Chromium	132	2
Copper	422	5
Lead	24	8
Mercury	Not Det	.1
Nickel	82	2
Selenium	Not Det	.1
Silver	Not Det	5
Thallium	Not Det	20
Zinc	98	5
Iron	56000.00	.05
Cobalt	6.00	.05

Comments:
Reference Lab Report No. R1494.

WASTE ANALYSIS REPORT
Environmental Laboratory
PPG Industries, Inc., Lake Charles, La.

Sample:	WTU Separator Indeterminate Phase (WTS-002).		
Location of Sample:	North Classifier liquid phase.		
Sample Collector:	W. Cooper - G. Prejean		
Sample Method/Device:	Random grab - dipper		
Date/Time of Sampling :	9-18-90	9:00 am	
Date All Analyses Completed:	10-17-90	Report Submitted By:	Gary Prejean
		Date:	10-30-90

ANALYSIS RESULTS

Test Parameters		Standard	Lab Log Sample No 1403				
Ignitability	(✓) N/A	140°F					
Corrosivity	pH	2-12.5					
	(✓) N/A inch/yr	0.250 max					
Reactivity							
	(✓) N/A						
TCLP Toxicity (mg/L)	As	5.0 max	ND				
	Ba	100.0 max	5.7				
	Cd	1.0 max	ND				
	Cr	5.0 max	ND				
	Pb	5.0 max	0.08				
	Hg	0.2 max	0.009				
	Se	1.0 max	ND				
	Ag	5.0 max	ND				

CHLORINATED HYDROCARBONS (%)			
	Chloroethene (VC)	PCBs	ppm
	Chloroethane (EC)		
	Dichloromethane (MeCl ₂)	Heat	
	1,1-Dichloroethene (VDC)	Value	BTU/lb
	1,1-Dichloroethane (DCE)		
Other	1,2-Dichloroethene (cis/trans)	Chlorine	%
Parameters	Trichloromethane (CHCl ₃)		
	1,2-Dichloroethane (EDC)	Water	wt%
(if needed)	1,1,1-Trichloroethane (MC)		
(✓) N/A	Tetrachloromethane (CCl ₄)	Density	g/ml
	Trichloroethene (Trichlor)		
	1,1,2-Trichloroethane (TCE)	Ash	wt%
	Tetrachlorethene (Perchlor)		
	1,1,1,2-Tetrachloroethane (unsym)	Sodium	wt%
	1,1,2,2-Tetrachloroethane (sym)		
ND/none	Pentachloroethane (Penta)		
detected	para-Dichlorobenzene (p-DCB)		
	Hexachloroethane (HEXA)		
	Hexachlorobutadiene (HCBD)		
	Unknown ClHC		
	Total ClHC (%)		

Disposal Method

Profile No

WTS-002

SL 021799

TEST PROCEDURE

LAB LOG NO. 1403

PARAMETER	METHOD USED					
Ignitability <u>✓</u> N/A	<u> </u> Pensky-Martens Closed Cup Tester ASTM Standard D-93-79		<u> </u> Setaflash Closed Cup Tester ASTM Standard D-3278-78		<u> </u> Other (Specify)	
Corrosivity (pH) <u>✓</u> N/A	<u> </u> SW-846 Method 9040 pH measurement				<u> </u> Other (Specify)	
Corrosivity (inch/yr) <u>✓</u> N/A	<u> </u> National Association of Corrosion Engineers Standard TM-01-69				<u> </u> Other (Specify)	
Reactivity <u>✓</u> N/A (One affirmative answer will classify waste reactiv)	1. Normally unstable without detonating? 2. Reacts violently with water? 3. Forms potentially explosive mixture with water? 4. Cyanide or sulfide bearing waste which can generate toxic gases, vapor or fumes under pH conditions between 2 and 12.5? 5. Capable of detonation or explosive reaction if subjected to strong initiating source or if heated under confinement? 6. Readily capable of detonation or explosive decomposition or reaction at standard temperature and pressure? 7. Forbidden Class A, or Class B explosive as defined in 49CFR 173.51, 173.53, and/or 173.88?					
TCLP* <u> </u> N/A	Parameter	SW 846 Method	Parameter	SW 846 Method	Parameter	SW 846 Method
	As	6010	Ag	6010	PCB	LD-2571
	Ba	6010	ClHC	5030	ClHC	LD-2562A
	Cd	6010	Sodium	3050,6010	Heat Value	LD-2562B
	Cr	6010	pH	9045	Chlorine	LD-2562D
	Pb	6010			Water	LD-2566
	Hg	7470			Ash	LD-2561
	Se	6010				

*Toxicity Characteristic Leaching Procedure

LABORATORY IDENTIFICATION

Laboratory: PPG Lake Charles

Test Parameters Analyzed and Date

Analyst(s): American Labs

TCLP metals, volatiles, semi-volatiles

Total metals 10-17-90

cc: PPG

Gary Prejean

SL 021800

From: American Laboratories and
Research Services, Inc.
P.O. Box 15609
Hattiesburg, MS 39402-5609
601-264-9320

Date: October 19, 1990

To: Mr. William H. Cooper
PPG Industries
Chemicals Division
P.O. Box 1000
Lake Charles, LA 70602

The following analytical results have been obtained for the
indicated sample which was submitted to this laboratory:

Sample I.D. AA04933

Sample location: PPGHC

Lab log 1403-WTU Sep.Ind.Phase

Collected by: COOPER

Collection date: 09/18/90 Time: 9:00

Laboratory submittal date: 09/20/90 Time: 19:00

Received by: RLH

Validated by: RLH

Parameter: TCLP Extraction
Method reference: SW846-1311

Result: done

Date started: 09/26/90

Date finished: 09/27/90

Time started: 16:50

Analyst: MJF

Parameter: TCLP Metals
Method reference: SW846 3rd Ed

Result: see appended report

Date started: 10/09/90

Date finished: 10/15/90

Time started: 16:00

Analyst: MJF

Parameter: TCLP Volatile Organics
Method reference: EPA 624

Result: see appended report

Date started: 10/02/90

Date finished: 10/02/90

Time started: 01:25

Analyst: BB

SL 021801

Mr. William H. Cooper
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Sample I.D. AA04933 (continued)

Parameter: TCLP Semi-Volatiles
Method reference: EPA 625
Result: see appended report
Date started: 10/01/90
Time started: 12:17

Date finished: 10/01/90
Analyst: BB

Parameter: Priority Pollutant Metals
Method reference: SW846 3rd.ed
Result: see appended report
Date started: 10/13/90
Time started: 18:00

Date finished: 10/17/90
Analyst: MJF

Data for TCLP Semi-Volatiles ug/L

Component Name	Concentration	Component MDL
1,4-Dichlorobenzene	97	10
Hexachloroethane	40	10
Nitrobenzene	Not Det	10
Hexachlorobutadiene	19	10
2,4-Dinitrotoluene	Not Det	10
Hexachlorobenzene	Not Det	10
Cresols, total	Not Det	20
2,4,6-Trichlorophenol	Not Det	10
2,4,5-Trichlorophenol	Not Det	50
Pentachlorophenol	Not Det	50

Data for TCLP Volatile Organics ug/L

Component Name	Concentration	Component MDL
Benzene	400	10
Carbon Tetrachloride	3500	10
Chlorobenzene	560	10
Chloroform	44000	10
1,2-Dichloroethane	270000	10
1,1-Dichloroethene	3300	10
Methyl Ethyl Ketone	Not Det	10
Tetrachloroethene	18000	10
Trichloroethene	39000	10
Vinyl Chloride	600	10
Pyridine	Not Det	500

Mr. William H. Cooper
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October 19, 1990

Sample I.D. AA04933 (continued)

Data for TCLP Metals mg/L

Component Name	Concentration	Component MDL
Arsenic, TCLP	Not Det	.005
Barium, TCLP	5.7	.1
Cadmium, TCLP	Not Det	.01
Chromium, TCLP	Not Det	.03
Lead, TCLP	.08	.04
Mercury, TCLP	.009	.005
Selenium, TCLP	Not Det	.005
Silver, TCLP	Not Det	.03

Data for Priority Pollutant Metals mg/L

Component Name	Concentration	Component MDL
Antimony	Not Det	30
Arsenic	Not Det	.1
Beryllium	Not Det	30
Cadmium	Not Det	1
Chromium	132	2
Copper	422	5
Lead	24	8
Mercury	Not Det	.1
Nickel	82	2
Selenium	Not Det	.1
Silver	Not Det	5
Thallium	Not Det	20
Zinc	98	5
Iron	56000.00	.05
Cobalt	6.00	.05

Comments:
Reference Lab Report No. R1494.

CEB INDUSTRIES, INC.
LAKE CHARLES, LA 70602

WASTE TOCH INCINERATOR FEED ANALYSIS

SAMPLE DATE: 7/18/89 SAMPLE: 89001079
SAMPLE DESCRIPTION: LLM85 ANNUAL WASTE CHARACTERIZATION WT

COMPONENT		Weight %	Heat Value	Chlorine %
Chloroethane	EtCl	1.00	106.0	0.72
1,1-Dichloroethane	1,1-EDC	0.00	0.0	0.00
Chloroform	CHCL	0.54	12.7	0.34
1,1-Dichloroethane	1,1-EDC	0.08	74.1	0.54
Carbon tetrachloride	CCl4	0.00	0.0	0.00
Trichloroethene	TRICH-UP	0.47	14.7	0.33
1-Bromo, 1-Chloroethane	ECB	0.00	0.0	0.00
1,1,2-Trichloroethane	TCE	1.57	56.2	1.23
Tetrachloroethene	PERCHLOR	0.84	82.3	0.28
1,1,1,2-Tetrachloroethane	UNSYM	0.10	3.5	0.08
1,1,1,2,2-Tetrachloroethane	SYM	0.43	10.8	0.36
Pentachloroethane	PENTA	0.32	5.1	0.25
Para-Dichlorobenzene	p-DCB	0.54	44.4	0.25
Hexachloroethane	HEXA	0.62	5.1	0.50
Hexachlorobutadiene-1,3	HCBD	1.77	60.0	1.41
Total Unknowns *		0.71	143.7	0.74
		=====	=====	=====
	ILHC			
	TOTALS-	17.65	321.8	13.00
			BTCALC	Chlorine

PH: 0.3
Water, %: 51.63
Density, g/mL: 1.117
Sodium, %: 2.93
Ash, %: 13.24

K. Kaub
Reported
7/28/89
Date

* HCT, H.V. and C12 calculated using Perchlor solutions.

ANALYSTS ON:

J. Williams/B. Reynolds
K. Kaub
W. Cooper
G. Brunet
J. Prelean

SL 021804

TO: Gary Prejean

DATE: July 21, 1989

SUBJECT: Analysis of Waste Characterization Samples

Sample ID: Lab Log 985

Sample Date: 7/18/89

COMPOUND	Wt. PPM
PCB1	25.59
PCB2	3.30
PCB3	0.00
PCB4	0.00
PCB5	0.00
PCB6	0.00
PCB7	1.38
PCB8	7.20
PCB9	13.16
PCB10	9.80

TOTAL:	60.43

EPA ADJUSTED
AL ppm PCB's: 33

Analytical Method: PPG Method LD-2571

CC: H. Hoenes
G. Perry/J. Wyche
C. Parnell

ANALYST: G. Brunet

APPROVED BY:

SL 021805

PLEASE PRINT IN INK OR TYPE (Eins. 12-pitch).

DATE:

July 14, 1988

WTS 002

Waste Profile Sheet Code

LAB LOG 750

1. Generator Name: PPG Industries, Inc.

3. Facility Address: P. O. Box 1000

2. Generator USEPA ID: LAD 008086506

3. Facility Address: P. O. Box 1000
Lake Charles, LA
(Columbia Southern Road)

4. Generator State ID: Same

6. Technical Contact: Anne Corbello

7. Title: Laboratory Associate 8. Phone: (318) 491-4364

B. MAIL WASTE TECH SERVICES

INVOICES TO 1. ☒ Generating Facility (A, above), or

2. Company Name:

3. Phone: () _____ - _____

4. Address:

5. Zip Code:

C. 1. NAME OF WASTE Classifier Indeterminate Phase

1. NAME OF WASTE Chlorinated Hydrocarbons
2. PROCESS GENERATING WASTE Production of Chlorinated Hydrocarbons

2. PROCESS GENERATING WASTE

3. Is this waste a Dioxin listed waste as defined in 40 CFR 261.31 (e.g., F020, F021, F022, F023, F026, F027, or F028)?

☐ Yes ☒ No If yes, **DO NOT COMPLETE** this form.

1. Color: <u>Black</u>	2. Does the waste have a strong incidental odor? ☐ No ☒ Yes If known, describe: _____	3. Physical State @ 70° F: ☐ Solid ☒ Semi-Solid ☒ Liquid ☐ Powder Other: _____	4. Layers: ☒ Multilayered ☐ Bi-layered ☐ Single Phased	5. Specific Gravity: Range: <u>1.1</u> <u>1.5</u>	6. Free Liquids: ☒ Yes ☐ No Volume: <u>95-100</u> %
---------------------------	---	---	---	--	--

7. pH: ☐ ≤ 2 ☐ $> 2-4$ ☐ $4-7$ ☐ 7 ☐ $7-10$ ☐ $10- < 12.5$ ☐ ≥ 12.5 ☒ Range $< 1 - 7$ ☐ NA

8. Liquid Flash Point: ☐ < 73°F ☐ 73-99°F ☐ 100-139°F ☐ 140-199°F ☐ ≥ 200°F ☐ None ☐ Closed Cup ☐ Open Cup

	MIN.	MAX.	%
1. Water	25	75	%
	-	-	%
Chlorinated Hydrocarbons	20	90	%
	-	-	%
	-	-	%
Ash	1	10	%
	-	-	%
	-	-	%
	-	-	%
	-	-	%
*See Attached Analysis Report Sample 621-8023-01			

Please note: The chemical composition total in the maximum column must be greater than or equal to 100%.

Indicate if this waste contains any of the following:

	NONE	or	LESS THAN	r	ACTUAL	
PCB's	☐		☒ <	50 ppm	<u>12.50</u>	ppm
Cyanides	☐		☐ <	50 ppm	<u>UNK</u>	ppm
Phenolics	☐		☐ <	50 ppm	<u>UNK</u>	ppm
Sulfides	☐		☐ <	50 ppm	<u>UNK</u>	ppm

F. METALS Indicate if this waste contains any of the following:

1. ☐ EP TOX/TCLP		or	2. ☐ Total	
METAL	LESS THAN	or	ACTUAL	
	(Parts Per Million)			
Arsenic	☐ <	5	☐ <	500
Barium	☐ <	100		
Cadmium	☐ <	1	☐ <	100
Chromium	☐ <	5		
Lead	☐ <	5	☐ <	500
Mercury	☐ <	0.2	☐ <	20
Selenium	☐ <	1	☐ <	100
Silver	☐ <	5		
Chromium-Hex	☐ <	5	☐ <	500
Copper	☐ <	5		
Nickel	☐ <	5	☐ <	134
Thallium	☐ <	5	☐ <	130
Zinc	☐ <	5		
	☐ <			
	☐ <			
	☐ <			

SL 021806

GENERATOR'S WASTE MATERIAL PROFILE SHEET (Continued)

WTS 002

Waste Profile Sheet Code

G. OTHER HAZARDOUS CHARACTERISTICS

- Is this waste a listed solvent waste as defined by 40 CFR 261.31 (F001, F002, F003, F004, or F005)? ☐ Yes ☒ No
- Does this waste contain greater than 1000 ppm total halogenated organic compounds? ☒ Yes ☐ No
- Indicate if this waste is any of the following:

☐ RCRA Reactive	☐ Radioactive
☐ Water Reactive	☐ Etiological
☐ Explosive	☐ Pesticide Manufacturing Waste
☐ Shock Sensitive	☐ Other _____
☐ Pyrophoric	☒ None of the above

H. COMPLETE ONLY FOR WASTES INTENDED FOR FUELS or INCINERATION

	LESS THAN	or	ACTUAL	
Beryllium	☐ < 5000 ppm		_____ ppm	
Potassium	☐ < 5000 ppm		UNK ppm	
Sodium	☒ < 5000 ppm		2700 ppm	
Total Bromine	☐ < 2 %		UNK %	
Total Chlorine	☒ < 35 %		31.1 %	
Total Fluorine	☐ < 1 %		UNK %	
Total Sulfur			UNK %	

I. OPTIONAL — RECLAMATION, FUELS, OR INCINERATION PARAMETERS Provide if information is available.

- Heat Value (BTU/lb): 950 - 2500 Range
- Water: 49.2 °F
- Viscosity (cps): _____ @ ☐ _____ °F ☐ 100°F ☐ 150°F
- Ash: 4.66 %
- Settleable solids: _____ %
- Vapor Pressure @ STP (mm/Hg): _____
- Is this waste a pumpable liquid? ☒ Yes ☐ No
Type of pump? _____
- Can this waste be heated to improve flow? ☐ Yes ☒ No
- Is this waste soluble in water? ☐ Yes ☒ No
- Particle size: Will the solid portion of this waste pass through a 1/8 inch screen? ☒ Yes ☐ No

J. TRANSPORTATION INFORMATION

- Is this a DOT Hazardous Material? ☒ Yes ☐ No
- Anticipated Annual Volume/Units: 1
- Proper Shipping Name: Waste Flammable Liquid, N.O.S.
- Hazard Class: Flammable Liquid
- I.D. #: Na 9189
- Additional Description: (ORM-E, F024)
- Method of Shipment: ☒ Bulk Liquid ☐ Bulk Solid ☒ Drum (Type/Size): _____ Other: Vac Truck
- CERCLA Reportable Quantity (RQ): _____
- RQ Units (lb/kg): _____
- USEPA Hazardous Waste? ☒ Yes ☐ No
- USEPA Hazardous Waste Number(s): F024
- State Hazardous Waste? ☒ Yes ☐ No
- State Hazardous Waste Number(s): F024

K. SPECIAL HANDLING INFORMATION

MSDS #LC 5C

☒ Additional Page(s) Attach

L. GENERATOR CERTIFICATION I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste material, and all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.

- Signature: William H. Cooper
- Title: Associate Research Chemist
- Name (Type or Print): William H. Cooper
- Date: July 14, 1988

SL 021807

PPG INDUSTRIES, INC.
LAKE CHARLES, LA 70602

WASTE TECH INCINERATOR FEED ANALYSIS

SAMPLE DATE: 6\20\88 SAMPLE: 6218023.01
SAMPLE DESCRIPTION: LLOG 750 N. CLASSIFIER SLUDGE

COMPONENT		Weight %	Heat Value	Chlorine %
Chloroethane	EtCl	0.25	20.4	0.14
1,1-Dichloroethane	1,1-EDC	2.55	137.7	1.83
Chloroform	CHCL3	1.25	16.9	1.11
1,2-Dichloroethane	1,2-EDC	6.29	339.7	4.51
Carbon Tetrachloride	CCL4	0.52	2.2	0.48
Trichloroethene	TRICHLOR	2.53	79.2	2.05
1-Bromo, 2-Chloroethane	ECB		0.0	0.00
1,1,2-Trichloroethane	TCE	3.07	110.0	2.45
Tetrachloroethene	PERCHLOR	5.85	125.3	5.00
1,1,1,2-Tetrachloroethane	UNSYM	1.40	35.0	1.18
1,1,2,2-Tetrachloroethane	SYM	2.04	51.0	1.72
Pentachloroethane	PENTA	0.44	4.2	0.39
para-Dichlorobenzene	p-DCB	0.02	1.6	0.01
Hexachloroethane	HEXA	0.44	36.2	0.21
Hexachlorobutadiene-1,3	HCBD	0.66	25.2	0.54
Total Unknowns *		11.12	238.2	9.51
		=====	=====	=====
	CLHC			
	TOTALS->	38.43	1222.9	31.12
			BTU/LB	% Chlorin

pH 1.3

Water, wt % 49.19

Density, g/mL 1.169

Sodium, wt % 0.27

Ash, wt % 4.66

K. Kaub
Approved

7/15/88
Date

* NOTE: H.V. and % Cl2 calculated using Perchlor factors.

DISTRIBUTION:

✓ F. A. Corbello
K. V. Kaub

G. Brunet

Lab ---

GENERATOR'S WASTE MATERIAL PROFILE SHEET

PLEASE PRINT IN INK OR TYPE (Elite, 12-pitch).

SUBMITTED TO WASTE TECH SERVICES

DATE: August 3, 1989

WTS-002

Waste Profile Sheet Code

A. GENERAL INFORMATION

1. Generator Name: PPG Industries, Inc. 2. Generator USEPA ID: LAD 008086506
 3. Facility Address: P. O. Box 1000 4. Generator State ID: Same
 Lake Charles, LA
 (Columbia Southern Road) 5. Zip Code: 70602
 6. Technical Contact: W. H. Cooper 7. Title: Assoc. Res. Chem. 8. Phone: (318) 491-4250

B. MAIL WASTE TECH SERVICES

INVOICES TO 1. ☒ Generating Facility (A, above), or

2. Company Name: 3. Phone: () -
 4. Address: 5. Zip Code:

C. 1. NAME OF WASTE Classifier Indeterminate Phase
 2. PROCESS GENERATING WASTE Production of chlorinated hydrocarbons
 3. Is this waste a Dioxin listed waste as defined in 40 CFR 261.31 (e.g., F020, F021, F022, F023, F026, F027, or F028)?
☐ Yes ☒ No If yes, DO NOT COMPLETE this form.

D. PHYSICAL CHARACTERISTICS OF WASTE

1. Color: Black 2. Does the waste have a strong incidental odor? ☐ No ☒ Yes If known, describe: Acrid
 3. Physical State @ 70°F: ☐ Solid ☒ Semi-Solid ☒ Liquid ☐ Powder Other:
 4. Layers: ☒ Multilayered ☐ Bi-layered ☐ Single Phased
 5. Specific Gravity: Range: 1.1 - 1.5
 6. Free Liquids: ☒ Yes ☐ No Volume: 95-100 %
 7. pH: ☐ ≤ 2 ☐ > 2-4 ☐ 4-7 ☐ 7 ☐ 7-10 ☐ 10- < 12.5 ☐ ≥ 12.5 ☒ Range 1 - 7 ☐ NA
 8. Liquid Flash Point: ☐ < 73°F ☐ 73-99°F ☐ 100-139°F ☐ 140-199°F ☐ ≥ 200°F ☐ None ☐ Closed Cup ☐ Open Cup

E. CHEMICAL COMPOSITION

	RANGE	
	MIN. - MAX.	
1. Water	25 - 75	%
Chlorinated Hydrocarbons	20 - 50	%
Ash	4 - 14	%
	-	%
	-	%
	-	%
	-	%
	-	%
	-	%
	-	%
	-	%

Please note: The chemical composition total in the maximum column must be greater than or equal to 100%. TOTAL: >100%

Indicate if this waste contains any of the following:

	NONE	or	LESS THAN	or	ACTUAL
PCB's	☐		< 50 ppm		12-33 ppm
Cyanides	☐		< 50 ppm		UNK ppm
Phenolics	☐		< 50 ppm		UNK ppm
Sulfides	☐		< 50 ppm		UNK ppm

F. METALS Indicate if this waste contains any of the following:

	1. ☐ EP TOX/TCLP	or	2. ☒ Total	
METAL	LESS THAN	or	ACTUAL	
	(Parts Per Million)			
Arsenic	☐ < 5	☐ < 500		0.83
Barium	☐ < 100			37.8
Cadmium	☐ < 1	☐ < 100		< 0.5
Chromium	☐ < 5			69.3
Lead	☐ < 5	☐ < 500		2.05
Mercury	☐ < 0.2	☐ < 20		0.80
Selenium	☐ < 1	☐ < 100		< 0.1
Silver	☐ < 5			< 1.6
Chromium-Hex	☐ < 5	☐ < 500		UNK
Copper	☐ < 5			199
Nickel	☐ < 5	☐ < 134		61.2
Thallium	☐ < 5	☐ < 130		UNK
Zinc	☐ < 5			UNK
Antimony	☐ <			< 6.02
Beryllium	☐ <			< 1.0

SL 021809

GENERATOR'S WASTE MATERIAL PROFILE SHEET (Continued)

WTS-002

Waste Profile Sheet Code

G. OTHER HAZARDOUS CHARACTERISTICS

- Is this waste a listed solvent waste as defined by 40 CFR 261.31 (F001, F002, F003, F004, or F005)? ☐ Yes ☒ No
- Does this waste contain greater than 1000 ppm total halogenated organic compounds? ☒ Yes ☐ No
- Indicate if this waste is any of the following:

☐ RCRA Reactive	☐ Radioactive
☐ Water Reactive	☐ Etiological
☐ Explosive	☐ Pesticide Manufacturing Waste
☐ Shock Sensitive	☐ Other _____
☐ Pyrophoric	☒ None of the above

H. COMPLETE ONLY FOR WASTES INTENDED FOR FUELS or INCINERATION

	LESS THAN	or	ACTUAL
Beryllium	☐ < 5000 ppm		< 1 ppm
Potassium	☐ < 5000 ppm		UNK ppm
Sodium	☐ < 5000 ppm		0 25-3 ppm
Total Bromine	☐ < 2 %		UNK %
Total Chlorine	☐ < 35 %		18-32 %
Total Fluorine	☐ < 1 %		UNK %
Total Sulfur			UNK %

I. OPTIONAL — RECLAMATION, FUELS, OR INCINERATION PARAMETERS Provide if information is available.

- Range
- Heat Value (BTU/lb): 825 - 2500
 - Water: 48-52 %
 - Viscosity (cps): _____ @ _____ °F ☐ 100°F ☐ 150°F
 - Ash: 4-14 %
 - Settleable solids: _____ %
 - Vapor Pressure @ STP (mm/Hg): _____
 - Is this waste a pumpable liquid? ☒ Yes ☐ No
Type of pump? _____
 - Can this waste be heated to improve flow? ☐ Yes ☒ No
 - Is this waste soluble in water? ☐ Yes ☒ No
 - Particle size: Will the solid portion of this waste pass through a 1/8 inch screen? ☒ Yes ☐ No

J. TRANSPORTATION INFORMATION

- Is this a DOT Hazardous Material? ☒ Yes ☐ No
- Anticipated Annual Volume/Units: _____
- Proper Shipping Name: waste Flammable Liquid, n.o.s., F024
- Hazard Class: Flammable Liquid
- I.D. #: UN 1993
- Additional Description: (_____)
- Method of Shipment: ☒ Bulk Liquid ☐ Bulk Solid ☐ Drum (Type/Size): _____ Other: VacTruck
- CERCLA Reportable Quantity (RQ): _____
- RQ Units (lb/kg): 1b
- USEPA Hazardous Waste? ☒ Yes ☐ No
- USEPA Hazardous Waste Number(s): F024
- State Hazardous Waste? ☒ Yes ☐ No
- State Hazardous Waste Number(s): F024

K. SPECIAL HANDLING INFORMATION

MSDS LC5C

☐ Additional Page(s) Attached

L. GENERATOR CERTIFICATION I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste material, and all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.

- Signature: William H. Cooper
William H. Cooper
- Title: Assoc. Res. Chemist
8/3/89
- Name (Type or Print): _____
- Date: _____

SL 021810

WASTE ANALYSIS REPORT

Environmental Laboratory
PPG Industries, Inc., Lake Charles, LA

Sample - Classifier Indeterminate Phase
Location of Sample - WTH - North Classifier Separator
Sample Collector - A. Prejan
Sample Method/Device - random grab / large dipper
Date of Sampling - 7-18-89

Date All Analyses Completed - 7-31-89

Report Submitted by: Gary Prejan
Date: 7-31-89

ANALYSIS RESULTS

Test Parameters		Standard	Lab Log Sample Identification Number 985	
Penetrability	N/A	140 F min		
Corrosivity	N/A	1 - 10.5	3.3	
	100/yr	1000 max		
Reactivity	N/A			
EP Toxicity (mg/L)	As	5.0 max		
	Ba	100.0 max		
	Cd	1.0 max		
	Cf	5.0 max		
	Pb	5.0 max		
	Hg	0.2 max		
	Se	1.0 max		
	Ag	5.0 max		
CHLORINATED HYDROCARBONS (%)				
Other Parameters (if needed)	Chloroethane (VC)		PCB's - 33 ppm	
	Chloroethane (EC)	1.30	Heat Value - 821.8 BTU/lb	
	Dichloromethane (MCC12)		Chlorine - 18.80 %	
	1,1-Dichloroethane (VDC)		Water - 51.65 wt %	
	1,1-Dichloroethane (DCE)		Density - 1.213 g/ml	
	1,2-Dichloroethane (cis/trans)		Ash - 13.24 wt %	
	Trichloromethane (CHC13)	0.94	Sodium - 2.93 wt %	
	1,2-Dichloroethane (EDC)	5.08		
	1,1,2-Trichloroethane (MC)			
	Tetrachloromethane (CC14)			
	Trichloroethane (Trichlor)	0.47		
	1,1,2-Trichloroethane (TCE)	1.57		
	1,1,1,2-Tetrachloroethane (unsym)	0.10		
	1,1,1,2-Tetrachloroethane (sym)	0.43		
	Tetrachloroethane (Perchlor)	3.84		
ND: None Detected	Pentachloroethane (Penta)	0.32		
	Hexachloroethane (Hexa)	0.62		
	Hexachlorobutadiene (HCBD)	1.73		
	para-Dichlorobenzene (p-DCB)	0.54	SL 021811	
	Unknown CHC	6.71		
TOTAL CHC (%)		23.65		

Disposal Method

TEST PROCEDURE

985

Parameter	Method Used
Ignitability ☒ N/A	☐ Pensky-Martens Closed Cup Tester ASTM Standard D-93-79 ☐ Setatflash Closed Cup Tester ASTM Standard D-3278-73 ☐ Other (specify)

Corrosivity pH) ☐ N/A	☒ SW-846 Method 9040 pH Measurement ☐ Other (specify)
--	---

Corrosivity Inch/yr) ☒ N/A	☐ National Association of Corrosion Engineers Standard TM-01-69 ☐ Other (specify)
--	--

Reactivity ☒ N/A One affirmative answer will classify waste reactive)	1) Normally unstable without detonating? 2) Reacts violently with water? 3) Forms potentially explosive mixture with water? 4) Cyanide or sulfide bearing waste which can generate toxic gases, vapor or fumes under pH conditions between 2 and 12.5? 5) Capable of detonation or explosive reaction if subjected to strong initiating source or if heated under confinement? 6) Readily capable of detonation or explosive decomposition or reaction at standard temperature and pressure? 7) Forbidden Class A, or Class B explosive as defined in 49 CFR 173.51, 173.53, and/or 173.88?
---	---

PPG						
	Parameter	SW 846 Method	Parameter	SW 846 Method	Parameter	Method Used
EP Toxicity SW-846 Method 1310) ☒ N/A	As	7060	Ag	7761	PCB	LD-2571
	Ba	7080	CHC	5030	CHC	LD-2562A
	Cd	7131	PI	9040	Heat Value	LD-2562B
	Cr	7190	Sodium	3050, 6010	Chlorine	LD-2562A
	Pb	7420			Water	LD-2566
TCLP* ☒ N/A	Hg	7470			Ash	LD-2561
	Se	7740				

* Toxicity Characteristic Leaching Procedure

LABORATORY IDENTIFICATION

Laboratory:	Test Parameters Analyzed and Date
Analyst(s):	

cc: F 18

Gary Prejean

SL 021812