

Attachment D
Chemical Analysis of Waste Soil
And CIH Review of Data



ANALYTICAL REPORT

Job Number: 220-5740-1

SDG Number: 220-5740

Job Description: 14C soils - Full TCLP

For:

Chemtura Corporation

199 Benson Road

Middlebury, CT 06749

Attention: Mr. Jay Nag

Designee for

Erin A Gaus

Project Manager I

erin.gaus@testamericainc.com

07/29/2008

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

TestAmerica Laboratories, Inc.

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Job Narrative
220-J5740-1**Comments**

As per the State of Connecticut Reasonable Confidence Protocol (CTRCP), a Laboratory Analysis QA/QC Certification Form has been provided with this report.

The following case narrative contains information detailing the QA/QC performance criteria outliers and other documentation as specified in the Connecticut Department of Environmental Protection CTRCP documents. Also described are any issues or limits that are outside of method or client specific acceptance criteria.

The laboratory data qualifiers contained within the report are method specific. The CTRCP QA/QC outliers are described solely in the case narrative.

In order for the laboratory to achieve the required Connecticut Remediation Standard Criteria (CTRSR) for these samples, the analytical results were evaluated to the Method Detection Limit (MDL).

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method(s) 8260B: The laboratory control standard (LCS) for batch 18024 was outside CTRCP control limits for the following analytes: methyl ethyl ketone.

Method(s) 8260B: The initial calibration curve analyzed on instrument MSV on 7/2/08 was outside CTRCP acceptance criteria for 2-butanone and 1,2-dichloroethane-d4.

No other analytical or quality issues were noted.

GC/MS Semi VOA

No analytical or quality issues were noted.

GC Semi VOA

Method(s) 8081A: The continuing calibration verification (CCV) analyzed on 7/12/08 recovered above the CTRCP upper control limit for endrin.

No other analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

Quality Control Results

Client: Chemtura Corporation

Job Number: 220-5740-1
SDG: 220-5740

Laboratory Chronicle

Lab ID: 220-5740-1

Client ID: CORRAL AREA

Sample Date/Time: 07/02/2008 10:25 Received Date/Time: 07/03/2008 09:38

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-5740-B-1-E		220-18024		07/15/2008 14:33	1	TAL CT	DH
A:8260B	220-5740-B-1-E		220-18024		07/15/2008 14:33	1	TAL CT	DH
P:3510C	220-5740-B-1-B		220-17933	220-17905	07/11/2008 12:52	1	TAL CT	PHG
A:8270C	220-5740-B-1-B		220-17933	220-17905	07/12/2008 16:08	1	TAL CT	DP
P:3510C	220-5740-B-1-C		220-17825	220-17909	07/11/2008 14:25	1	TAL CT	PHG
A:8081A	220-5740-B-1-C		220-17825	220-17909	07/12/2008 15:48	1	TAL CT	DP
P:3010A	220-5740-B-1-D		220-18032	220-17952	07/14/2008 10:48	1	TAL CT	MEC
A:6010B	220-5740-B-1-D		220-18032	220-17952	07/15/2008 13:49	1	TAL CT	NP
P:7470A	220-5740-B-1-F		220-18013	220-17967	07/14/2008 14:08	1	TAL CT	MEC
A:7470A	220-5740-B-1-F		220-18013	220-17967	07/15/2008 14:09	1	TAL CT	JFV

Lab ID: 220-5740-2

Client ID: PEACH TREE AREA

Sample Date/Time: 07/02/2008 10:40 Received Date/Time: 07/03/2008 09:38

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-5740-B-2-E		220-18024		07/15/2008 14:06	1	TAL CT	DH
A:8260B	220-5740-B-2-E		220-18024		07/15/2008 14:06	1	TAL CT	DH
P:3510C	220-5740-B-2-B		220-17933	220-17905	07/11/2008 12:52	1	TAL CT	PHG
A:8270C	220-5740-B-2-B		220-17933	220-17905	07/12/2008 16:32	1	TAL CT	DP
P:3510C	220-5740-B-2-C		220-17825	220-17909	07/11/2008 14:25	1	TAL CT	PHG
A:8081A	220-5740-B-2-C		220-17825	220-17909	07/12/2008 16:09	1	TAL CT	DP
P:3010A	220-5740-B-2-D		220-18032	220-17952	07/14/2008 10:48	1	TAL CT	MEC
A:6010B	220-5740-B-2-D		220-18032	220-17952	07/15/2008 14:06	1	TAL CT	NP
P:7470A	220-5740-B-2-F		220-18013	220-17967	07/14/2008 14:08	1	TAL CT	MEC
A:7470A	220-5740-B-2-F		220-18013	220-17967	07/15/2008 14:10	1	TAL CT	JFV

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 220-18024/3		220-18024		07/15/2008 11:36	1	TAL CT	DH
A:8260B	MB 220-18024/3		220-18024		07/15/2008 11:36	1	TAL CT	DH
P:3510C	MB 220-17905/1-A		220-17933	220-17905	07/11/2008 12:52	1	TAL CT	PHG
A:8270C	MB 220-17905/1-A		220-17933	220-17905	07/12/2008 13:41	1	TAL CT	DP
P:3510C	MB 220-17909/1-A		220-17825	220-17909	07/11/2008 14:25	1	TAL CT	PHG
A:8081A	MB 220-17909/1-A		220-17825	220-17909	07/12/2008 13:40	1	TAL CT	DP
P:3010A	MB 220-17952/1-A		220-18032	220-17952	07/14/2008 10:48	1	TAL CT	MEC
A:6010B	MB 220-17952/1-A		220-18032	220-17952	07/15/2008 13:32	1	TAL CT	NP
P:7470A	MB 220-17967/1-A		220-18013	220-17967	07/14/2008 14:08	1	TAL CT	MEC
A:7470A	MB 220-17967/1-A		220-18013	220-17967	07/15/2008 14:05	1	TAL CT	JFV

Quality Control Results

Client: Chemtura Corporation

Job Number: 220-5740-1
SDG: 220-5740

Laboratory Chronicle

Lab ID: LB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LB 220-17786/8-A		220-18024		07/15/2008 12:20	1	TAL CT	DH
A:8260B	LB 220-17786/8-A		220-18024		07/15/2008 12:20	1	TAL CT	DH
P:3510C	LB 220-17890/1-B		220-17933	220-17905	07/11/2008 12:52	1	TAL CT	PHG
A:8270C	LB 220-17890/1-B		220-17933	220-17905	07/12/2008 14:29	1	TAL CT	DP
P:3510C	LB 220-17890/1-D		220-17825	220-17909	07/11/2008 14:25	1	TAL CT	PHG
A:8081A	LB 220-17890/1-D		220-17825	220-17909	07/12/2008 14:23	1	TAL CT	DP
P:3010A	LB 220-17890/1-E		220-18032	220-17952	07/14/2008 10:48	1	TAL CT	MEC
A:6010B	LB 220-17890/1-E		220-18032	220-17952	07/15/2008 13:43	1	TAL CT	NP
P:7470A	LB 220-17890/1-G		220-18013	220-17967	07/14/2008 14:08	1	TAL CT	MEC
A:7470A	LB 220-17890/1-G		220-18013	220-17967	07/15/2008 14:07	1	TAL CT	JFV

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 220-18024/2		220-18024		07/15/2008 09:45	1	TAL CT	DH
A:8260B	LCS 220-18024/2		220-18024		07/15/2008 09:45	1	TAL CT	DH
P:3510C	LCS 220-17905/4-A		220-17933	220-17905	07/11/2008 12:52	1	TAL CT	PHG
A:8270C	LCS 220-17905/4-A		220-17933	220-17905	07/12/2008 14:54	1	TAL CT	DP
P:3510C	LCS 220-17909/4-A		220-17825	220-17909	07/11/2008 14:25	1	TAL CT	PHG
A:8081A	LCS 220-17909/4-A		220-17825	220-17909	07/12/2008 14:44	1	TAL CT	DP
P:3010A	LCS 220-17952/2-A		220-18032	220-17952	07/14/2008 10:48	1	TAL CT	MEC
A:6010B	LCS 220-17952/2-A		220-18032	220-17952	07/15/2008 13:38	1	TAL CT	NP
P:7470A	LCS 220-17967/2-A		220-18013	220-17967	07/14/2008 14:08	1	TAL CT	MEC
A:7470A	LCS 220-17967/2-A		220-18013	220-17967	07/15/2008 14:06	1	TAL CT	JFV

Lab References:

TAL CT = TestAmerica Connecticut

METHOD SUMMARY

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL CT	SW846 8260B	
Toxicity Characteristic Leaching Procedure (ZHE)	TAL CT		SW846 1311
Purge and Trap on Leachates	TAL CT		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL CT	SW846 8270C	
Toxicity Characteristic Leaching Procedure	TAL CT		SW846 1311
Separatory Funnel Liquid-Liquid Extraction	TAL CT		SW846 3510C
Organochlorine Pesticides by Gas Chromatography	TAL CT	SW846 8081A	
Toxicity Characteristic Leaching Procedure	TAL CT		SW846 1311
Separatory Funnel Liquid-Liquid Extraction	TAL CT		SW846 3510C
Inductively Coupled Plasma - Atomic Emission Spectrometry	TAL CT	SW846 6010B	
Toxicity Characteristic Leaching Procedure	TAL CT		SW846 1311
Acid Digestion of Aqueous Samples and Extracts for	TAL CT		SW846 3010A
Mercury in Liquid Waste (Manual Cold Vapor Technique)	TAL CT	SW846 7470A	
Toxicity Characteristic Leaching Procedure (Hg Only)	TAL CT		SW846 1311
Mercury in Liquid Waste (Manual Cold Vapor	TAL CT		SW846 7470A
TCLP SW846 8151 Herbicides	TAL SL	SW846 8151	

Lab References:

TAL CT = TestAmerica Connecticut

TAL SL = TestAmerica St. Louis

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740

Method	Analyst	Analyst ID
SW846 8260B	Humbert, Dave	DH
SW846 8270C	Passarella, Danielle	DP
SW846 8081A	Passarella, Danielle	DP
SW846 6010B	Petronchak, Nestor	NP
SW846 7470A	Voytek, Joseph F	JFV

SAMPLE SUMMARY

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Client Matrix</u>	<u>Date/Time Sampled</u>	<u>Date/Time Received</u>
220-5740-1	CORRAL AREA	Solid	07/02/2008 1025	07/03/2008 0938
220-5740-2	PEACH TREE AREA	Solid	07/02/2008 1040	07/03/2008 0938

SAMPLE RESULTS

Analytical Data

Client: Chemtura Corporation

Job Number: 220-5740-1

Sdg Number: 220-5740

Client Sample ID: CORRAL AREA

Lab Sample ID: 220-5740-1

Date Sampled: 07/02/2008 1025

Client Matrix: Solid

Date Received: 07/03/2008 0938

8260B Volatile Organic Compounds by GC/MS-TCLP

Method: 8260B Analysis Batch: 220-18024 Instrument ID: HP 6890/5973 GC/MS
 Preparation: 5030B Lab File ID: V6743.D
 Dilution: 1.0 Leachate Batch: 220-17963 Initial Weight/Volume: 5 mL
 Date Analyzed: 07/15/2008 1433 Final Weight/Volume: 5 mL
 Date Prepared: 07/15/2008 1433
 Date Leached: 07/14/2008 1314

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Vinyl chloride		0.0050	U	0.00098	0.0050
1,1-Dichloroethene		0.0050	U	0.00083	0.0050
Methyl Ethyl Ketone		0.010	U	0.0011	0.010
Chloroform		0.0050	U	0.00067	0.0050
Carbon tetrachloride		0.0050	U	0.0011	0.0050
Benzene		0.0050	U	0.00074	0.0050
1,2-Dichloroethane		0.0050	U*	0.00072	0.0050
Trichloroethene		0.0050	U	0.00062	0.0050
Tetrachloroethene		0.0050	U	0.00081	0.0050
Chlorobenzene		0.0050	U	0.00072	0.0050

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116	53 - 125
4-Bromofluorobenzene	82	73 - 127
Dibromofluoromethane	115	54 - 137
Toluene-d8 (Surr)	80	63 - 121

Analytical Data

Client: Chemtura Corporation

Job Number: 220-5740-1

Sdg Number: 220-5740

Client Sample ID: PEACH TREE AREA

Lab Sample ID: 220-5740-2

Date Sampled: 07/02/2008 1040

Client Matrix: Solid

Date Received: 07/03/2008 0938

8260B Volatile Organic Compounds by GC/MS-TCLP

Method: 8260B Analysis Batch: 220-18024 Instrument ID: HP 6890/5973 GC/MS
 Preparation: 5030B Lab File ID: V6742.D
 Dilution: 1.0 Leachate Batch: 220-17963 Initial Weight/Volume: 5 mL
 Date Analyzed: 07/15/2008 1406 Final Weight/Volume: 5 mL
 Date Prepared: 07/15/2008 1406
 Date Leached: 07/14/2008 1323

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Vinyl chloride		0.0050	U	0.00098	0.0050
1,1-Dichloroethene		0.0050	U	0.00083	0.0050
Methyl Ethyl Ketone		0.010	U	0.0011	0.010
Chloroform		0.0050	U	0.00067	0.0050
Carbon tetrachloride		0.0050	U	0.0011	0.0050
Benzene		0.0050	U	0.00074	0.0050
1,2-Dichloroethane		0.0050	U*	0.00072	0.0050
Trichloroethene		0.0021	J B	0.00062	0.0050
Tetrachloroethene		0.0050	U	0.00081	0.0050
Chlorobenzene		0.0050	U	0.00072	0.0050

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	53 - 125
4-Bromofluorobenzene	79	73 - 127
Dibromofluoromethane	114	54 - 137
Toluene-d8 (Surr)	78	63 - 121

Analytical Data

Client: Chemtura Corporation

Job Number: 220-5740-1

Sdg Number: 220-5740

Client Sample ID: CORRAL AREA

Lab Sample ID: 220-5740-1

Date Sampled: 07/02/2008 1025

Client Matrix: Solid

Date Received: 07/03/2008 0938

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)-TCLP

Method:	8270C	Analysis Batch: 220-17933	Instrument ID:	HP 6890/5975
Preparation:	3510C	Prep Batch: 220-17905	Lab File ID:	C6675.D
Dilution:	1.0	Leachate Batch: 220-17890	Initial Weight/Volume:	500 mL
Date Analyzed:	07/12/2008 1608		Final Weight/Volume:	1 mL
Date Prepared:	07/11/2008 1252		Injection Volume:	1.0 uL
Date Leached:	07/10/2008 1715			

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene		0.020	U	0.0010	0.020
2,4-Dinitrotoluene		0.020	U	0.00084	0.020
2,4,5-Trichlorophenol		0.10	U	0.0011	0.10
2,4,6-Trichlorophenol		0.020	U	0.00099	0.020
2-Methylphenol		0.020	U	0.0012	0.020
Hexachlorobenzene		0.020	U	0.00095	0.020
Hexachlorobutadiene		0.020	U	0.0017	0.020
Hexachloroethane		0.020	U	0.0010	0.020
Nitrobenzene		0.020	U	0.0015	0.020
Pentachlorophenol		0.10	U	0.0024	0.10
Pyridine		0.040	U	0.0077	0.040
4-Methylphenol		0.020	U	0.00078	0.020

Surrogate	%Rec	Acceptance Limits
2,4,6-Tribromophenol	77	29 - 126
2-Fluorobiphenyl	65	43 - 116
2-Fluorophenol	52	21 - 97
Nitrobenzene-d5	67	38 - 113
Terphenyl-d14	75	10 - 119
Phenol-d5	42	18 - 97

Analytical Data

Client: Chemtura Corporation

Job Number: 220-5740-1

Sdg Number: 220-5740

Client Sample ID: PEACH TREE AREA

Lab Sample ID: 220-5740-2

Date Sampled: 07/02/2008 1040

Client Matrix: Solid

Date Received: 07/03/2008 0938

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)-TCLP

Method:	8270C	Analysis Batch: 220-17933	Instrument ID:	HP 6890/5975
Preparation:	3510C	Prep Batch: 220-17905	Lab File ID:	C6676.D
Dilution:	1.0	Leachate Batch: 220-17890	Initial Weight/Volume:	500 mL
Date Analyzed:	07/12/2008 1632		Final Weight/Volume:	1 mL
Date Prepared:	07/11/2008 1252		Injection Volume:	1.0 uL
Date Leached:	07/10/2008 1715			

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene		0.020	U	0.0010	0.020
2,4-Dinitrotoluene		0.020	U	0.00084	0.020
2,4,5-Trichlorophenol		0.10	U	0.0011	0.10
2,4,6-Trichlorophenol		0.020	U	0.00099	0.020
2-Methylphenol		0.020	U	0.0012	0.020
Hexachlorobenzene		0.020	U	0.00095	0.020
Hexachlorobutadiene		0.020	U	0.0017	0.020
Hexachloroethane		0.020	U	0.0010	0.020
Nitrobenzene		0.020	U	0.0015	0.020
Pentachlorophenol		0.10	U	0.0024	0.10
Pyridine		0.040	U	0.0077	0.040
4-Methylphenol		0.020	U	0.00078	0.020

Surrogate	%Rec	Acceptance Limits
2,4,6-Tribromophenol	73	29 - 126
2-Fluorobiphenyl	61	43 - 116
2-Fluorophenol	50	21 - 97
Nitrobenzene-d5	63	38 - 113
Terphenyl-d14	75	10 - 119
Phenol-d5	40	18 - 97

Analytical Data

Client: Chemtura Corporation

Job Number: 220-5740-1

Sdg Number: 220-5740

Client Sample ID: CORRAL AREA

Lab Sample ID: 220-5740-1

Date Sampled: 07/02/2008 1025

Client Matrix: Solid

Date Received: 07/03/2008 0938

8081A Organochlorine Pesticides by Gas Chromatography-TCLP

Method:	8081A	Analysis Batch: 220-17825	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-17909	Lab File ID:	C7611086.D
Dilution:	1.0	Leachate Batch: 220-17890	Initial Weight/Volume:	200 mL
Date Analyzed:	07/12/2008 1548		Final Weight/Volume:	10 mL
Date Prepared:	07/11/2008 1425		Injection Volume:	1.0 uL
Date Leached:	07/10/2008 1715		Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Chlordane (technical)		0.0025	U	0.00071	0.0025
Endrin		0.00050	U	0.000070	0.00050
Heptachlor		0.00025	U	0.000038	0.00025
Heptachlor epoxide		0.00025	U	0.000029	0.00025
gamma-BHC (Lindane)		0.00025	U	0.000026	0.00025
Methoxychlor		0.0025	U	0.00045	0.0025
Toxaphene		0.012	U	0.0011	0.012

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	83	29 - 156
Tetrachloro-m-xylene	125	53 - 144

Method:	8081A	Analysis Batch: 220-17825	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-17909	Lab File ID:	D7611086.D
Dilution:	1.0	Leachate Batch: 220-17890	Initial Weight/Volume:	200 mL
Date Analyzed:	07/12/2008 1548		Final Weight/Volume:	10 mL
Date Prepared:	07/11/2008 1425		Injection Volume:	1.0 uL
Date Leached:	07/10/2008 1715		Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	83	29 - 156
Tetrachloro-m-xylene	122	53 - 144

Analytical Data

Client: Chemtura Corporation

Job Number: 220-5740-1

Sdg Number: 220-5740

Client Sample ID: PEACH TREE AREA

Lab Sample ID: 220-5740-2

Date Sampled: 07/02/2008 1040

Client Matrix: Solid

Date Received: 07/03/2008 0938

8081A Organochlorine Pesticides by Gas Chromatography-TCLP

Method:	8081A	Analysis Batch: 220-17825	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-17909	Lab File ID:	C7611087.D
Dilution:	1.0	Leachate Batch: 220-17890	Initial Weight/Volume:	200 mL
Date Analyzed:	07/12/2008 1609		Final Weight/Volume:	10 mL
Date Prepared:	07/11/2008 1425		Injection Volume:	1.0 uL
Date Leached:	07/10/2008 1715		Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Chlordane (technical)		0.0025	U	0.00071	0.0025
Endrin		0.00050	U	0.000070	0.00050
Heptachlor		0.00025	U	0.000038	0.00025
Heptachlor epoxide		0.00025	U	0.000029	0.00025
gamma-BHC (Lindane)		0.00025	U	0.000026	0.00025
Methoxychlor		0.0025	U	0.00045	0.0025
Toxaphene		0.012	U	0.0011	0.012

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	82	29 - 156
Tetrachloro-m-xylene	117	53 - 144

Method:	8081A	Analysis Batch: 220-17825	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-17909	Lab File ID:	C7611087.D
Dilution:	1.0	Leachate Batch: 220-17890	Initial Weight/Volume:	200 mL
Date Analyzed:	07/12/2008 1609		Final Weight/Volume:	10 mL
Date Prepared:	07/11/2008 1425		Injection Volume:	1.0 uL
Date Leached:	07/10/2008 1715		Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	80	29 - 156
Tetrachloro-m-xylene	120	53 - 144

Analytical Data

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740

Client Sample ID: CORRAL AREA

Lab Sample ID: 220-5740-1
Client Matrix: SolidDate Sampled: 07/02/2008 1025
Date Received: 07/03/2008 0938

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-TCLP

Method:	6010B	Analysis Batch: 220-18032	Instrument ID:	TJA Trace ICAP
Preparation:	3010A	Prep Batch: 220-17952	Lab File ID:	W071508
Dilution:	1.0	Leachate Batch: 220-17890	Initial Weight/Volume:	10 mL
Date Analyzed:	07/15/2008 1349		Final Weight/Volume:	50 mL
Date Prepared:	07/14/2008 1048			
Date Leached:	07/10/2008 1715			

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Arsenic		0.20	U	0.022	0.20
Barium		0.35		0.0060	0.025
Cadmium		0.050	U	0.014	0.050
Chromium		0.050	U	0.0050	0.050
Lead		0.050	U	0.015	0.050
Selenium		0.15	U	0.016	0.15
Silver		0.030	U	0.0065	0.030

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)-TCLP

Method:	7470A	Analysis Batch: 220-18013	Instrument ID:	Perkin Elmer FIMS
Preparation:	7470A	Prep Batch: 220-17967	Lab File ID:	N/A
Dilution:	1.0	Leachate Batch: 220-17890	Initial Weight/Volume:	5 mL
Date Analyzed:	07/15/2008 1409		Final Weight/Volume:	50 mL
Date Prepared:	07/14/2008 1408			
Date Leached:	07/10/2008 1715			

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		0.0020	U	0.0010	0.0020

Analytical Data

Client: Chemtura Corporation

Job Number: 220-5740-1

Sdg Number: 220-5740

Client Sample ID: PEACH TREE AREA

Lab Sample ID: 220-5740-2
Client Matrix: SolidDate Sampled: 07/02/2008 1040
Date Received: 07/03/2008 0938

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-TCLP

Method:	6010B	Analysis Batch: 220-18032	Instrument ID:	TJA Trace ICAP
Preparation:	3010A	Prep Batch: 220-17952	Lab File ID:	W071508
Dilution:	1.0	Leachate Batch: 220-17890	Initial Weight/Volume:	10 mL
Date Analyzed:	07/15/2008 1406		Final Weight/Volume:	50 mL
Date Prepared:	07/14/2008 1048			
Date Leached:	07/10/2008 1715			

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Arsenic		0.026	J	0.022	0.20
Barium		0.33		0.0060	0.025
Cadmium		0.050	U	0.014	0.050
Chromium		0.050	U	0.0050	0.050
Lead		0.015	J	0.015	0.050
Selenium		0.030	J	0.016	0.15
Silver		0.030	U	0.0065	0.030

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)-TCLP

Method:	7470A	Analysis Batch: 220-18013	Instrument ID:	Perkin Elmer FIMS
Preparation:	7470A	Prep Batch: 220-17967	Lab File ID:	N/A
Dilution:	1.0	Leachate Batch: 220-17890	Initial Weight/Volume:	5 mL
Date Analyzed:	07/15/2008 1410		Final Weight/Volume:	50 mL
Date Prepared:	07/14/2008 1408			
Date Leached:	07/10/2008 1715			

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		0.0020	U	0.0010	0.0020

Analytical Data

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740

General Chemistry

Client Sample ID: CORRAL AREA

Lab Sample ID: 220-5740-1
Client Matrix: SolidDate Sampled: 07/02/2008 1025
Date Received: 07/03/2008 0938

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	23.6		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-18331		Date Analyzed	07/24/2008 1500			
Percent Solids	76.4		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-18331		Date Analyzed	07/24/2008 1500			

Client Sample ID: PEACH TREE AREA

Lab Sample ID: 220-5740-2
Client Matrix: SolidDate Sampled: 07/02/2008 1040
Date Received: 07/03/2008 0938

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	20.8		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-18331		Date Analyzed	07/24/2008 1500			
Percent Solids	79.2		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-18331		Date Analyzed	07/24/2008 1500			

DATA REPORTING QUALIFIERS

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740

Lab Section	Qualifier	Description
GC/MS VOA	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
	B	The analyte was found in an associated blank, as well as in the sample.
GC/MS Semi VOA	U	Analyzed for but not detected.
	J	Indicates an estimated value.
GC Semi VOA	U	Analyzed for but not detected.
	J	Indicates an estimated value.
Metals	U	Indicates analyzed for but not detected.
	J	Sample result is greater than the MDL but below the CRDL

QUALITY CONTROL RESULTS

Quality Control Results

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 220-17786					
LB 220-17786/8-A	TCLP SPLPE Leachate Blank	P	Solid	1311	
Prep Batch: 220-17963					
220-5740-1	CORRAL AREA	P	Solid	1311	
220-5740-2	PEACH TREE AREA	P	Solid	1311	
Analysis Batch:220-18024					
LB 220-17786/8-A	TCLP SPLPE Leachate Blank	P	Solid	8260B	
LCS 220-18024/2	Lab Control Spike	T	Water	8260B	
MB 220-18024/3	Method Blank	T	Water	8260B	
220-5740-1	CORRAL AREA	P	Solid	8260B	
220-5740-2	PEACH TREE AREA	P	Solid	8260B	

Report Basis

P = TCLP

T = Total

GC/MS Semi VOA

Prep Batch: 220-17890					
LB 220-17890/1-B	TCLP SPLPE Leachate Blank	P	Solid	1311	
220-5740-1	CORRAL AREA	P	Solid	1311	
220-5740-2	PEACH TREE AREA	P	Solid	1311	
Prep Batch: 220-17905					
LCS 220-17905/4-A	Lab Control Spike	T	Water	3510C	
MB 220-17905/1-A	Method Blank	T	Water	3510C	
LB 220-17890/1-B	TCLP SPLPE Leachate Blank	P	Solid	3510C	220-17890
220-5740-1	CORRAL AREA	P	Solid	3510C	220-17890
220-5740-2	PEACH TREE AREA	P	Solid	3510C	220-17890
Analysis Batch:220-17933					
LB 220-17890/1-B	TCLP SPLPE Leachate Blank	P	Solid	8270C	220-17905
LCS 220-17905/4-A	Lab Control Spike	T	Water	8270C	220-17905
MB 220-17905/1-A	Method Blank	T	Water	8270C	220-17905
220-5740-1	CORRAL AREA	P	Solid	8270C	220-17905
220-5740-2	PEACH TREE AREA	P	Solid	8270C	220-17905

Report Basis

P = TCLP

T = Total

TestAmerica Connecticut

Quality Control Results

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:220-17825					
LB 220-17890/1-D	TCLP SPLPE Leachate Blank	P	Solid	8081A	220-17909
LCS 220-17909/4-A	Lab Control Spike	T	Water	8081A	220-17909
MB 220-17909/1-A	Method Blank	T	Water	8081A	220-17909
220-5740-1	CORRAL AREA	P	Solid	8081A	220-17909
220-5740-2	PEACH TREE AREA	P	Solid	8081A	220-17909
Prep Batch: 220-17890					
LB 220-17890/1-D	TCLP SPLPE Leachate Blank	P	Solid	1311	
220-5740-1	CORRAL AREA	P	Solid	1311	
220-5740-2	PEACH TREE AREA	P	Solid	1311	
Prep Batch: 220-17909					
LCS 220-17909/4-A	Lab Control Spike	T	Water	3510C	
MB 220-17909/1-A	Method Blank	T	Water	3510C	
LB 220-17890/1-D	TCLP SPLPE Leachate Blank	P	Solid	3510C	220-17890
220-5740-1	CORRAL AREA	P	Solid	3510C	220-17890
220-5740-2	PEACH TREE AREA	P	Solid	3510C	220-17890

Report Basis

P = TCLP

T = Total

Quality Control Results

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 220-17890					
LB 220-17890/1-E	TCLP SPLPE Leachate Blank	P	Solid	1311	
LB 220-17890/1-G	TCLP SPLPE Leachate Blank	P	Solid	1311	
220-5740-1	CORRAL AREA	P	Solid	1311	
220-5740-2	PEACH TREE AREA	P	Solid	1311	
Prep Batch: 220-17952					
LCS 220-17952/2-A	Lab Control Spike	T	Water	3010A	
MB 220-17952/1-A	Method Blank	T	Water	3010A	
LB 220-17890/1-E	TCLP SPLPE Leachate Blank	P	Solid	3010A	220-17890
220-5740-1	CORRAL AREA	P	Solid	3010A	220-17890
220-5740-2	PEACH TREE AREA	P	Solid	3010A	220-17890
Prep Batch: 220-17967					
LCS 220-17967/2-A	Lab Control Spike	T	Water	7470A	
MB 220-17967/1-A	Method Blank	T	Water	7470A	
LB 220-17890/1-G	TCLP SPLPE Leachate Blank	P	Solid	7470A	220-17890
220-5740-1	CORRAL AREA	P	Solid	7470A	220-17890
220-5740-2	PEACH TREE AREA	P	Solid	7470A	220-17890
Analysis Batch:220-18013					
LB 220-17890/1-G	TCLP SPLPE Leachate Blank	P	Solid	7470A	220-17967
LCS 220-17967/2-A	Lab Control Spike	T	Water	7470A	220-17967
MB 220-17967/1-A	Method Blank	T	Water	7470A	220-17967
220-5740-1	CORRAL AREA	P	Solid	7470A	220-17967
220-5740-2	PEACH TREE AREA	P	Solid	7470A	220-17967
Analysis Batch:220-18032					
LB 220-17890/1-E	TCLP SPLPE Leachate Blank	P	Solid	6010B	220-17952
LCS 220-17952/2-A	Lab Control Spike	T	Water	6010B	220-17952
MB 220-17952/1-A	Method Blank	T	Water	6010B	220-17952
220-5740-1	CORRAL AREA	P	Solid	6010B	220-17952
220-5740-2	PEACH TREE AREA	P	Solid	6010B	220-17952

Report Basis

P = TCLP

T = Total

Quality Control Results

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MSClient Matrix: Solid TCLP

Lab Sample ID	Client Sample ID	12DCE %Rec	BFB %Rec	DBFM %Rec	TOL %Rec
220-5740-1	CORRAL AREA	116	82	115	80
220-5740-2	PEACH TREE AREA	113	79	114	78
MB 220-18024/3		106	84	109	77
LB 220-17786/8-A		113	89	117	80
LCS 220-18024/2		104	86	109	79

Surrogate	Acceptance Limits
12DCE = 1,2-Dichloroethane-d4 (Surr)	53-125
BFB = 4-Bromofluorobenzene	73-127
DBFM = Dibromofluoromethane	54-137
TOL = Toluene-d8 (Surr)	63-121

Quality Control Results

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)Client Matrix: Solid TCLP

Lab Sample ID	Client Sample ID	TBP %Rec	FBP %Rec	2FP %Rec	NBZ %Rec	TPH %Rec	PHL %Rec
220-5740-1	CORRAL AREA	77	65	52	67	75	42
220-5740-2	PEACH TREE AREA	73	61	50	63	75	40
MB 220-17905/1-A		63	52	32	51	65	22
LB 220-17890/1-B		79	66	53	68	78	44
LCS 220-17905/4-A		79	72	55	71	75	44

Surrogate	Acceptance Limits
TBP = 2,4,6-Tribromophenol	29-126
FBP = 2-Fluorobiphenyl	43-116
2FP = 2-Fluorophenol	21-97
NBZ = Nitrobenzene-d5	38-113
TPH = Terphenyl-d14	10-119
PHL = Phenol-d5	18-97

Quality Control Results

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740**Surrogate Recovery Report****8081A Organochlorine Pesticides by Gas Chromatography****Client Matrix: Solid TCLP**

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
220-5740-1	CORRAL AREA	83	83	122	125
220-5740-2	PEACH TREE AREA	80	82	117	120
MB 220-17909/1-A		80	79	112	118
LB 220-17890/1-D		89	91	115	118
LCS 220-17909/4-A		78	78	106	109

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	29-156
TCX = Tetrachloro-m-xylene	53-144

Quality Control Results

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740

Method Blank - Batch: 220-18024

Method: 8260B
Preparation: 5030BLab Sample ID: MB 220-18024/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/15/2008 1136
Date Prepared: 07/15/2008 1136Analysis Batch: 220-18024
Prep Batch: N/A
Units: mg/LInstrument ID: HP 6890/5973 GC/MS
Lab File ID: V6737.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Vinyl chloride	0.0050	U	0.00098	0.0050
1,1-Dichloroethene	0.0050	U	0.00083	0.0050
Methyl Ethyl Ketone	0.010	U	0.0011	0.010
Chloroform	0.0050	U	0.00067	0.0050
Carbon tetrachloride	0.0050	U	0.0011	0.0050
Benzene	0.0050	U	0.00074	0.0050
1,2-Dichloroethane	0.0050	U	0.00072	0.0050
Trichloroethene	0.0050	U	0.00062	0.0050
Tetrachloroethene	0.0050	U	0.00081	0.0050
Chlorobenzene	0.0050	U	0.00072	0.0050
Surrogate	% Rec	Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	106	53 - 125		
4-Bromofluorobenzene	84	73 - 127		
Dibromofluoromethane	109	54 - 137		
Toluene-d8 (Surr)	77	63 - 121		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740

TCLP SPLPE Leachate Blank - Batch: 220-18024

Method: 8260B
Preparation: 5030B
TCLPLab Sample ID: LB 220-17786/8-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/15/2008 1220
Date Prepared: 07/15/2008 1220
Date Leached: 07/08/2008 2049Analysis Batch: 220-18024
Prep Batch: N/A
Units: mg/LInstrument ID: HP 6890/5973 GC/MS
Lab File ID: V6738.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Leachate Batch: 220-17786

Analyte	Result	Qual	MDL	RL
Vinyl chloride	0.0050	U	0.00098	0.0050
1,1-Dichloroethene	0.0050	U	0.00083	0.0050
Methyl Ethyl Ketone	0.0030	J	0.0011	0.010
Chloroform	0.0050	U	0.00067	0.0050
Carbon tetrachloride	0.0050	U	0.0011	0.0050
Benzene	0.0050	U	0.00074	0.0050
1,2-Dichloroethane	0.0050	U	0.00072	0.0050
Trichloroethene	0.0013	J	0.00062	0.0050
Tetrachloroethene	0.0050	U	0.00081	0.0050
Chlorobenzene	0.0050	U	0.00072	0.0050

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	53 - 125
4-Bromofluorobenzene	89	73 - 127
Dibromofluoromethane	117	54 - 137
Toluene-d8 (Surr)	80	63 - 121

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740

Lab Control Spike - Batch: 220-18024

Method: 8260B
Preparation: 5030BLab Sample ID: LCS 220-18024/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/15/2008 0945
Date Prepared: 07/15/2008 0945Analysis Batch: 220-18024
Prep Batch: N/A
Units: mg/LInstrument ID: HP 6890/5973 GC/MS
Lab File ID: V6735.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Vinyl chloride	0.0100	0.00882	88	51 - 139	
1,1-Dichloroethene	0.0100	0.0115	115	57 - 137	
Methyl Ethyl Ketone	0.0100	0.0132	132	30 - 222	
Chloroform	0.0100	0.0122	122	70 - 124	
Carbon tetrachloride	0.0100	0.0121	121	56 - 131	
Benzene	0.0100	0.0116	116	68 - 126	
1,2-Dichloroethane	0.0100	0.0128	128	68 - 124	*
Trichloroethene	0.0100	0.0108	108	58 - 125	
Tetrachloroethene	0.0100	0.00773	77	62 - 118	
Chlorobenzene	0.0100	0.00850	85	71 - 114	
Surrogate		% Rec	Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)		104	53 - 125		
4-Bromofluorobenzene		86	73 - 127		
Dibromofluoromethane		109	54 - 137		
Toluene-d8 (Surr)		79	63 - 121		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740

Method Blank - Batch: 220-17905

Method: 8270C
Preparation: 3510CLab Sample ID: MB 220-17905/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/12/2008 1341
Date Prepared: 07/11/2008 1252Analysis Batch: 220-17933
Prep Batch: 220-17905
Units: mg/LInstrument ID: HP 6890/5975
Lab File ID: C6669.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	Result	Qual	MDL	RL
1,4-Dichlorobenzene	0.010	U	0.00051	0.010
2,4-Dinitrotoluene	0.010	U	0.00042	0.010
2,4,5-Trichlorophenol	0.050	U	0.00054	0.050
2,4,6-Trichlorophenol	0.010	U	0.00049	0.010
2-Methylphenol	0.010	U	0.00060	0.010
Hexachlorobenzene	0.010	U	0.00048	0.010
Hexachlorobutadiene	0.010	U	0.00086	0.010
Hexachloroethane	0.010	U	0.00052	0.010
Nitrobenzene	0.010	U	0.00073	0.010
Pentachlorophenol	0.050	U	0.0012	0.050
Pyridine	0.020	U	0.0039	0.020
4-Methylphenol	0.010	U	0.00039	0.010
Surrogate	% Rec	Acceptance Limits		
2,4,6-Tribromophenol	63	29 - 126		
2-Fluorobiphenyl	52	43 - 116		
2-Fluorophenol	32	21 - 97		
Nitrobenzene-d5	51	38 - 113		
Terphenyl-d14	65	10 - 119		
Phenol-d5	22	18 - 97		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740

TCLP SPLPE Leachate Blank - Batch: 220-17905

Method: 8270C
Preparation: 3510C
TCLPLab Sample ID: LB 220-17890/1-B
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/12/2008 1429
Date Prepared: 07/11/2008 1252
Date Leached: 07/10/2008 1715Analysis Batch: 220-17933
Prep Batch: 220-17905
Units: mg/L

Leachate Batch: 220-17890

Instrument ID: HP 6890/5975
Lab File ID: C6671.D
Initial Weight/Volume: 500 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	Result	Qual	MDL	RL
1,4-Dichlorobenzene	0.020	U	0.0010	0.020
2,4-Dinitrotoluene	0.020	U	0.00084	0.020
2,4,5-Trichlorophenol	0.10	U	0.0011	0.10
2,4,6-Trichlorophenol	0.020	U	0.00099	0.020
2-Methylphenol	0.020	U	0.0012	0.020
Hexachlorobenzene	0.020	U	0.00095	0.020
Hexachlorobutadiene	0.020	U	0.0017	0.020
Hexachloroethane	0.020	U	0.0010	0.020
Nitrobenzene	0.020	U	0.0015	0.020
Pentachlorophenol	0.10	U	0.0024	0.10
Pyridine	0.040	U	0.0077	0.040
4-Methylphenol	0.020	U	0.00078	0.020
Surrogate	% Rec	Acceptance Limits		
2,4,6-Tribromophenol	79	29 - 126		
2-Fluorobiphenyl	66	43 - 116		
2-Fluorophenol	53	21 - 97		
Nitrobenzene-d5	68	38 - 113		
Terphenyl-d14	78	10 - 119		
Phenol-d5	44	18 - 97		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740

Lab Control Spike - Batch: 220-17905

Method: 8270C
Preparation: 3510CLab Sample ID: LCS 220-17905/4-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/12/2008 1454
Date Prepared: 07/11/2008 1252Analysis Batch: 220-17933
Prep Batch: 220-17905
Units: mg/LInstrument ID: HP 6890/5975
Lab File ID: C6672.D
Initial Weight/Volume: 500 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dichlorobenzene	0.0800	0.0486	61	32 - 104	
2,4-Dinitrotoluene	0.0800	0.0463	58	55 - 130	
2,4,5-Trichlorophenol	0.0800	0.0625	78	50 - 126	J
2,4,6-Trichlorophenol	0.0800	0.0606	76	50 - 121	
2-Methylphenol	0.0800	0.0542	68	42 - 117	
Hexachlorobenzene	0.0800	0.0630	79	54 - 129	
Hexachlorobutadiene	0.0800	0.0518	65	28 - 110	
Hexachloroethane	0.0800	0.0478	60	28 - 105	
Nitrobenzene	0.0800	0.0583	73	44 - 120	
Pentachlorophenol	0.0800	0.0693	87	35 - 154	J
Pyridine	0.0800	0.0538	67	10 - 107	
4-Methylphenol	0.160	0.106	66	37 - 117	
Surrogate			% Rec	Acceptance Limits	
2,4,6-Tribromophenol			79	29 - 126	
2-Fluorobiphenyl			72	43 - 116	
2-Fluorophenol			55	21 - 97	
Nitrobenzene-d5			71	38 - 113	
Terphenyl-d14			75	10 - 119	
Phenol-d5			44	18 - 97	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740

Method Blank - Batch: 220-17909

Method: 8081A
Preparation: 3510CLab Sample ID: MB 220-17909/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/12/2008 1340
Date Prepared: 07/11/2008 1425Analysis Batch: 220-17825
Prep Batch: 220-17909
Units: mg/LInstrument ID: HP 5890 with dual ECD
Lab File ID: C7611080.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 1.0 µL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Chlordane (technical)	0.00050	U	0.00014	0.00050
Endrin	0.00010	U	0.000014	0.00010
Heptachlor	0.000050	U	0.0000075	0.000050
Heptachlor epoxide	0.000050	U	0.0000058	0.000050
gamma-BHC (Lindane)	0.000050	U	0.0000053	0.000050
Methoxychlor	0.00050	U	0.000091	0.00050
Toxaphene	0.0025	U	0.00021	0.0025
Surrogate	% Rec		Acceptance Limits	
DCB Decachlorobiphenyl	80		29 - 156	
Tetrachloro-m-xylene	118		53 - 144	
Surrogate	% Rec		Acceptance Limits	
DCB Decachlorobiphenyl	79		29 - 156	
Tetrachloro-m-xylene	112		53 - 144	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740

TCLP SPLPE Leachate Blank - Batch: 220-17909

Method: 8081A
Preparation: 3510C
TCLPLab Sample ID: LB 220-17890/1-D
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/12/2008 1423
Date Prepared: 07/11/2008 1425
Date Leached: 07/10/2008 1715Analysis Batch: 220-17825
Prep Batch: 220-17909
Units: mg/L

Leachate Batch: 220-17890

Instrument ID: HP 5890 with dual ECD
Lab File ID: C7611082.D
Initial Weight/Volume: 200 mL
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Chlordane (technical)	0.0025	U	0.00071	0.0025
Endrin	0.00050	U	0.000070	0.00050
Heptachlor	0.00025	U	0.000038	0.00025
Heptachlor epoxide	0.00025	U	0.000029	0.00025
gamma-BHC (Lindane)	0.00025	U	0.000026	0.00025
Methoxychlor	0.0025	U	0.00045	0.0025
Toxaphene	0.012	U	0.0011	0.012
Surrogate	% Rec		Acceptance Limits	
DCB Decachlorobiphenyl	91		29 - 156	
Tetrachloro-m-xylene	118		53 - 144	
Surrogate	% Rec		Acceptance Limits	
DCB Decachlorobiphenyl	89		29 - 156	
Tetrachloro-m-xylene	115		53 - 144	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740

Lab Control Spike - Batch: 220-17909

Method: 8081A
Preparation: 3510CLab Sample ID: LCS 220-17909/4-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/12/2008 1444
Date Prepared: 07/11/2008 1425Analysis Batch: 220-17825
Prep Batch: 220-17909
Units: mg/LInstrument ID: HP 5890 with dual ECD
Lab File ID: D7611083.D
Initial Weight/Volume: 200 mL
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Endrin	0.00100	0.000953	95	42 - 175	
Heptachlor	0.00100	0.000925	92	35 - 163	
Heptachlor epoxide	0.00100	0.000850	85	54 - 143	
gamma-BHC (Lindane)	0.00100	0.000863	86	43 - 118	
Methoxychlor	0.00100	0.00113	113	86 - 196	J
Surrogate		% Rec		Acceptance Limits	
DCB Decachlorobiphenyl		78		29 - 156	
Tetrachloro-m-xylene		109		53 - 144	
Surrogate		% Rec		Acceptance Limits	
DCB Decachlorobiphenyl		78		29 - 156	
Tetrachloro-m-xylene		106		53 - 144	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740

Method Blank - Batch: 220-17952

Method: 6010B
Preparation: 3010ALab Sample ID: MB 220-17952/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/15/2008 1332
Date Prepared: 07/14/2008 1048Analysis Batch: 220-18032
Prep Batch: 220-17952
Units: mg/LInstrument ID: TJA Trace ICAP 61E2
Lab File ID: W071508
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Arsenic	0.040	U	0.0044	0.040
Barium	0.0050	U	0.0012	0.0050
Cadmium	0.010	U	0.0028	0.010
Chromium	0.010	U	0.0010	0.010
Lead	0.010	U	0.0030	0.010
Selenium	0.0040	J	0.0032	0.030
Silver	0.0060	U	0.0013	0.0060

TCLP SPLPE Leachate Blank - Batch: 220-17952

Method: 6010B
Preparation: 3010A
TCLPLab Sample ID: LB 220-17890/1-E
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/15/2008 1343
Date Prepared: 07/14/2008 1048
Date Leached: 07/10/2008 1715Analysis Batch: 220-18032
Prep Batch: 220-17952
Units: mg/LInstrument ID: TJA Trace ICAP 61E2
Lab File ID: W071508
Initial Weight/Volume: 10 mL
Final Weight/Volume: 50 mL

Leachate Batch: 220-17890

Analyte	Result	Qual	MDL	RL
Arsenic	0.20	U	0.022	0.20
Barium	0.025	U	0.0060	0.025
Cadmium	0.050	U	0.014	0.050
Chromium	0.050	U	0.0050	0.050
Lead	0.050	U	0.015	0.050
Selenium	0.022	J	0.016	0.15
Silver	0.030	U	0.0065	0.030

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740

Lab Control Spike - Batch: 220-17952

Method: 6010B
Preparation: 3010ALab Sample ID: LCS 220-17952/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/15/2008 1338
Date Prepared: 07/14/2008 1048Analysis Batch: 220-18032
Prep Batch: 220-17952
Units: mg/LInstrument ID: TJA Trace ICAP 61E2
Lab File ID: W071508
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	1.00	0.997	100	80 - 120	
Barium	0.300	0.307	102	80 - 120	
Cadmium	0.300	0.305	102	80 - 120	
Chromium	0.300	0.314	105	80 - 120	
Lead	1.00	1.00	100	80 - 120	
Selenium	0.500	0.504	101	80 - 120	
Silver	0.300	0.299	100	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740

Method Blank - Batch: 220-17967

Method: 7470A
Preparation: 7470ALab Sample ID: MB 220-17967/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/15/2008 1405
Date Prepared: 07/14/2008 1408Analysis Batch: 220-18013
Prep Batch: 220-17967
Units: mg/LInstrument ID: Perkin Elmer FIMS 100
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.00040	U	0.00020	0.00040

TCLP SPLPE Leachate Blank - Batch: 220-17967

Method: 7470A
Preparation: 7470A
TCLPLab Sample ID: LB 220-17890/1-G
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/15/2008 1407
Date Prepared: 07/14/2008 1408
Date Leached: 07/10/2008 1715Analysis Batch: 220-18013
Prep Batch: 220-17967
Units: mg/LInstrument ID: Perkin Elmer FIMS 100
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Leachate Batch: 220-17890

Analyte	Result	Qual	MDL	RL
Mercury	0.0020	U	0.0010	0.0020

Lab Control Spike - Batch: 220-17967

Method: 7470A
Preparation: 7470ALab Sample ID: LCS 220-17967/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/15/2008 1406
Date Prepared: 07/14/2008 1408Analysis Batch: 220-18013
Prep Batch: 220-17967
Units: mg/LInstrument ID: Perkin Elmer FIMS 100
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.00500	0.00512	102	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Login Sample Receipt Check List

Client: TestAmerica Connecticut

Job Number: 220-5740-1
SDG Number: 220-5740

Login Number: 5740

Creator: Dini, Tracy

List Number: 1

List Source: TestAmerica Connecticut

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.8C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	



Mystic Air Quality Consultants, Inc.

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maq2@aol.com

800 247-7746

August 5, 2008

K. Paul Steinmeyer
Radiation Safety Associates
19 Pendleton Drive
PO Box 107
Hebron, CT 06248

Re: TCLP Soil Analysis Result Review, Chemtura Corp, Peachtree area

Dear Paul,

As requested, Mystic Air Quality Consultants has reviewed the TCLP results of the soil samples from the Peachtree area (Chemtura Corp), attached in Enclosure (1). The samples were analyzed by a State of Connecticut licensed lab (TestAmerica Connecticut).

The levels are all below the EPA RCRA standards (Hazardous Waste Identification 40 CFR Parts 261, Enclosure (2)) for hazardous waste. The soil would be considered non-hazardous in regards to waste disposal.

Sincerely,

A handwritten signature in cursive script, appearing to read "C. Eident".

Christopher J. Eident, CIH, CSP, RS CEO

Analytical Data

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740

General Chemistry

Client Sample ID: CORRAL AREA

Lab Sample ID: 220-5740-1
Client Matrix: Solid

Date Sampled: 07/02/2008 1025
Date Received: 07/03/2008 0938

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	23.6		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-18331	Date Analyzed		07/24/2008 1500			
Percent Solids	76.4		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-18331	Date Analyzed		07/24/2008 1500			

Client Sample ID: PEACH TREE AREA

Lab Sample ID: 220-5740-2
Client Matrix: Solid

Date Sampled: 07/02/2008 1040
Date Received: 07/03/2008 0938

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	20.8		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-18331	Date Analyzed		07/24/2008 1500			
Percent Solids	79.2		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-18331	Date Analyzed		07/24/2008 1500			

TestAmerica Connecticut

Client Sample ID: CORRAL AREA (220-5740-1)

TCLP GC Semivolatiles

Lot-Sample #....: F8G100226-001 Work Order #....: KRA211AA Matrix.....: SOLID
 Date Sampled....: 07/02/08 10:25 Date Received...: 07/08/08 Analysis Date...: 07/15/08
 Leach Date.....: 07/11/08 Prep Date.....: 07/14/08 Analysis Time...: 18:17
 Leach Batch #...: P819307 Prep Batch #....: 8197046
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING	
		LIMIT	UNITS
2,4-D	ND	8.0	ug/L
2,4,5-TP (Silvex)	ND	2.0	ug/L
		PERCENT	RECOVERY
		RECOVERY	LIMITS
SURROGATE	98	(71 - 124)	
2,4-Dichlorophenylacetic acid			

NOTE(S) :

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

TestAmerica Connecticut

Client Sample ID: PEACH TREE ARKA (220-5740-2)

TCLP GC Semivolatiles

Lot-Sample #....: F8G100226-002 Work Order #....: KRA251AA Matrix.....: SOLID
 Date Sampled....: 07/02/08 10:40 Date Received...: 07/08/08 Analysis Date...: 07/15/08
 Leach Date.....: 07/11/08 Prep Date.....: 07/14/08 Analysis Time...: 19:54
 Leach Batch #...: P819307 Prep Batch #....: 8197046
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING	
		LIMIT	UNITS
2,4-D	ND	8.0	ug/L
2,4,5-TP (Silvex)	ND	2.0	ug/L
SURROGATE	PERCENT	RECOVERY	
	RECOVERY	LIMITS	
2,4-Dichlorophenylacetic acid	90	(71 - 124)	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

Analytical Data

Client: Chemtura Corporation

Job Number: 220-5740-1

Sdg Number: 220-5740

Client Sample ID: CORRAL AREA

Lab Sample ID: 220-5740-1

Date Sampled: 07/02/2008 1025

Client Matrix: Solid

Date Received: 07/03/2008 0938

8260B Volatile Organic Compounds by GC/MS-TCLP

Method:	8260B	Analysis Batch: 220-18024	Instrument ID:	HP 6890/5973 GC/MS
Preparation:	5030B		Lab File ID:	V6743.D
Dilution:	1.0	Leachate Batch: 220-17963	Initial Weight/Volume:	5 mL
Date Analyzed:	07/15/2008 1433		Final Weight/Volume:	5 mL
Date Prepared:	07/15/2008 1433			
Date Leached:	07/14/2008 1314			

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Vinyl chloride		0.0050	U	0.00098	0.0050
1,1-Dichloroethene		0.0050	U	0.00083	0.0050
Methyl Ethyl Ketone		0.010	U	0.0011	0.010
Chloroform		0.0050	U	0.00067	0.0050
Carbon tetrachloride		0.0050	U	0.0011	0.0050
Benzene		0.0050	U	0.00074	0.0050
1,2-Dichloroethane		0.0050	U *	0.00072	0.0050
Trichloroethene		0.0050	U	0.00062	0.0050
Tetrachloroethene		0.0050	U	0.00081	0.0050
Chlorobenzene		0.0050	U	0.00072	0.0050

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116	53 - 125
4-Bromofluorobenzene	82	73 - 127
Dibromofluoromethane	115	54 - 137
Toluene-d8 (Surr)	80	63 - 121

Analytical Data

Client: Chemtura Corporation

Job Number: 220-5740-1

Sdg Number: 220-5740

Client Sample ID: PEACH TREE AREA

Lab Sample ID: 220-5740-2

Date Sampled: 07/02/2008 1040

Client Matrix: Solid

Date Received: 07/03/2008 0938

8260B Volatile Organic Compounds by GC/MS-TCLP

Method:	8260B	Analysis Batch: 220-18024	Instrument ID:	HP 6890/5973 GC/MS
Preparation:	5030B		Lab File ID:	V6742.D
Dilution:	1.0	Leachate Batch: 220-17963	Initial Weight/Volume:	5 mL
Date Analyzed:	07/15/2008 1406		Final Weight/Volume:	5 mL
Date Prepared:	07/15/2008 1406			
Date Leached:	07/14/2008 1323			

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Vinyl chloride		0.0050	U	0.00098	0.0050
1,1-Dichloroethene		0.0050	U	0.00083	0.0050
Methyl Ethyl Ketone		0.010	U	0.0011	0.010
Chloroform		0.0050	U	0.00067	0.0050
Carbon tetrachloride		0.0050	U	0.0011	0.0050
Benzene		0.0050	U	0.00074	0.0050
1,2-Dichloroethane		0.0050	U *	0.00072	0.0050
Trichloroethene		0.0021	J B	0.00062	0.0050
Tetrachloroethene		0.0050	U	0.00081	0.0050
Chlorobenzene		0.0050	U	0.00072	0.0050

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	53 - 125
4-Bromofluorobenzene	79	73 - 127
Dibromofluoromethane	114	54 - 137
Toluene-d8 (Surr)	78	63 - 121

Analytical Data

Client: Chemtura Corporation

Job Number: 220-5740-1

Sdg Number: 220-5740

Client Sample ID: CORRAL AREA

Lab Sample ID: 220-5740-1

Date Sampled: 07/02/2008 1025

Client Matrix: Solid

Date Received: 07/03/2008 0938

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)-TCLP

Method:	8270C	Analysis Batch: 220-17933	Instrument ID:	HP 6890/5975
Preparation:	3510C	Prep Batch: 220-17905	Lab File ID:	C6675.D
Dilution:	1.0	Leachate Batch: 220-17890	Initial Weight/Volume:	500 mL
Date Analyzed:	07/12/2008 1608		Final Weight/Volume:	1 mL
Date Prepared:	07/11/2008 1252		Injection Volume:	1.0 uL
Date Leached:	07/10/2008 1715			

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene		0.020	U	0.0010	0.020
2,4-Dinitrotoluene		0.020	U	0.00084	0.020
2,4,5-Trichlorophenol		0.10	U	0.0011	0.10
2,4,6-Trichlorophenol		0.020	U	0.00099	0.020
2-Methylphenol		0.020	U	0.0012	0.020
Hexachlorobenzene		0.020	U	0.00095	0.020
Hexachlorobutadiene		0.020	U	0.0017	0.020
Hexachloroethane		0.020	U	0.0010	0.020
Nitrobenzene		0.020	U	0.0015	0.020
Pentachlorophenol		0.10	U	0.0024	0.10
Pyridine		0.040	U	0.0077	0.040
4-Methylphenol		0.020	U	0.00078	0.020

Surrogate	%Rec	Acceptance Limits
2,4,6-Tribromophenol	77	29 - 126
2-Fluorobiphenyl	65	43 - 116
2-Fluorophenol	52	21 - 97
Nitrobenzene-d5	67	38 - 113
Terphenyl-d14	75	10 - 119
Phenol-d5	42	18 - 97

Analytical Data

Client: Chemtura Corporation

Job Number: 220-5740-1

Sdg Number: 220-5740

Client Sample ID: PEACH TREE AREA

Lab Sample ID: 220-5740-2

Date Sampled: 07/02/2008 1040

Client Matrix: Solid

Date Received: 07/03/2008 0938

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)-TCLP

Method:	8270C	Analysis Batch: 220-17933	Instrument ID:	HP 6890/5975
Preparation:	3510C	Prep Batch: 220-17905	Lab File ID:	C6676.D
Dilution:	1.0	Leachate Batch: 220-17890	Initial Weight/Volume:	500 mL
Date Analyzed:	07/12/2008 1632		Final Weight/Volume:	1 mL
Date Prepared:	07/11/2008 1252		Injection Volume:	1.0 uL
Date Leached:	07/10/2008 1715			

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene		0.020	U	0.0010	0.020
2,4-Dinitrotoluene		0.020	U	0.00084	0.020
2,4,5-Trichlorophenol		0.10	U	0.0011	0.10
2,4,6-Trichlorophenol		0.020	U	0.00099	0.020
2-Methylphenol		0.020	U	0.0012	0.020
Hexachlorobenzene		0.020	U	0.00095	0.020
Hexachlorobutadiene		0.020	U	0.0017	0.020
Hexachloroethane		0.020	U	0.0010	0.020
Nitrobenzene		0.020	U	0.0015	0.020
Pentachlorophenol		0.10	U	0.0024	0.10
Pyridine		0.040	U	0.0077	0.040
4-Methylphenol		0.020	U	0.00078	0.020

Surrogate	%Rec	Acceptance Limits
2,4,6-Tribromophenol	73	29 - 126
2-Fluorobiphenyl	61	43 - 116
2-Fluorophenol	50	21 - 97
Nitrobenzene-d5	63	38 - 113
Terphenyl-d14	75	10 - 119
Phenol-d5	40	18 - 97

Analytical Data

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740

Client Sample ID: CORRAL AREA

Lab Sample ID: 220-5740-1
Client Matrix: Solid

Date Sampled: 07/02/2008 1025
Date Received: 07/03/2008 0938

8081A Organochlorine Pesticides by Gas Chromatography-TCLP

Method:	8081A	Analysis Batch: 220-17825	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-17909	Lab File ID:	C7611086.D
Dilution:	1.0	Leachate Batch: 220-17890	Initial Weight/Volume:	200 mL
Date Analyzed:	07/12/2008 1548		Final Weight/Volume:	10 mL
Date Prepared:	07/11/2008 1425		Injection Volume:	1.0 uL
Date Leached:	07/10/2008 1715		Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Chlordane (technical)		0.0025	U	0.00071	0.0025
Endrin		0.00050	U	0.000070	0.00050
Heptachlor		0.00025	U	0.000038	0.00025
Heptachlor epoxide		0.00025	U	0.000029	0.00025
gamma-BHC (Lindane)		0.00025	U	0.000026	0.00025
Methoxychlor		0.0025	U	0.00045	0.0025
Toxaphene		0.012	U	0.0011	0.012

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	83	29 - 156
Tetrachloro-m-xylene	125	53 - 144

Method:	8081A	Analysis Batch: 220-17825	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-17909	Lab File ID:	D7611086.D
Dilution:	1.0	Leachate Batch: 220-17890	Initial Weight/Volume:	200 mL
Date Analyzed:	07/12/2008 1548		Final Weight/Volume:	10 mL
Date Prepared:	07/11/2008 1425		Injection Volume:	1.0 uL
Date Leached:	07/10/2008 1715		Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	83	29 - 156
Tetrachloro-m-xylene	122	53 - 144

Analytical Data

Client: Chemtura Corporation

Job Number: 220-5740-1

Sdg Number: 220-5740

Client Sample ID: PEACH TREE AREA

Lab Sample ID: 220-5740-2

Date Sampled: 07/02/2008 1040

Client Matrix: Solid

Date Received: 07/03/2008 0938

8081A Organochlorine Pesticides by Gas Chromatography-TCLP

Method:	8081A	Analysis Batch: 220-17825	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-17909	Lab File ID:	C7611087.D
Dilution:	1.0	Leachate Batch: 220-17890	Initial Weight/Volume:	200 mL
Date Analyzed:	07/12/2008 1609		Final Weight/Volume:	10 mL
Date Prepared:	07/11/2008 1425		Injection Volume:	1.0 uL
Date Leached:	07/10/2008 1715		Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Chlordane (technical)		0.0025	U	0.00071	0.0025
Endrin		0.00050	U	0.000070	0.00050
Heptachlor		0.00025	U	0.000038	0.00025
Heptachlor epoxide		0.00025	U	0.000029	0.00025
gamma-BHC (Lindane)		0.00025	U	0.000026	0.00025
Methoxychlor		0.0025	U	0.00045	0.0025
Toxaphene		0.012	U	0.0011	0.012

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	82	29 - 156
Tetrachloro-m-xylene	117	53 - 144

Method:	8081A	Analysis Batch: 220-17825	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-17909	Lab File ID:	C7611087.D
Dilution:	1.0	Leachate Batch: 220-17890	Initial Weight/Volume:	200 mL
Date Analyzed:	07/12/2008 1609		Final Weight/Volume:	10 mL
Date Prepared:	07/11/2008 1425		Injection Volume:	1.0 uL
Date Leached:	07/10/2008 1715		Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	80	29 - 156
Tetrachloro-m-xylene	120	53 - 144

Analytical Data

Client: Chemtura Corporation

Job Number: 220-5740-1

Sdg Number: 220-5740

Client Sample ID: CORRAL AREA

Lab Sample ID: 220-5740-1
Client Matrix: SolidDate Sampled: 07/02/2008 1025
Date Received: 07/03/2008 0938**6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-TCLP**

Method:	6010B	Analysis Batch: 220-18032	Instrument ID:	TJA Trace ICAP
Preparation:	3010A	Prep Batch: 220-17952	Lab File ID:	W071508
Dilution:	1.0	Leachate Batch: 220-17890	Initial Weight/Volume:	10 mL
Date Analyzed:	07/15/2008 1349		Final Weight/Volume:	50 mL
Date Prepared:	07/14/2008 1048			
Date Leached:	07/10/2008 1715			

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Arsenic		0.20	U	0.022	0.20
Barium		0.35		0.0060	0.025
Cadmium		0.050	U	0.014	0.050
Chromium		0.050	U	0.0050	0.050
Lead		0.050	U	0.015	0.050
Selenium		0.15	U	0.016	0.15
Silver		0.030	U	0.0065	0.030

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)-TCLP

Method:	7470A	Analysis Batch: 220-18013	Instrument ID:	Perkin Elmer FIMS
Preparation:	7470A	Prep Batch: 220-17967	Lab File ID:	N/A
Dilution:	1.0	Leachate Batch: 220-17890	Initial Weight/Volume:	5 mL
Date Analyzed:	07/15/2008 1409		Final Weight/Volume:	50 mL
Date Prepared:	07/14/2008 1408			
Date Leached:	07/10/2008 1715			

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		0.0020	U	0.0010	0.0020

Analytical Data

Client: Chemtura Corporation

Job Number: 220-5740-1
Sdg Number: 220-5740

Client Sample ID: PEACH TREE AREA

Lab Sample ID: 220-5740-2
Client Matrix: SolidDate Sampled: 07/02/2008 1040
Date Received: 07/03/2008 0938**6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-TCLP**

Method:	6010B	Analysis Batch: 220-18032	Instrument ID:	TJA Trace ICAP
Preparation:	3010A	Prep Batch: 220-17952	Lab File ID:	W071508
Dilution:	1.0	Leachate Batch: 220-17890	Initial Weight/Volume:	10 mL
Date Analyzed:	07/15/2008 1406		Final Weight/Volume:	50 mL
Date Prepared:	07/14/2008 1048			
Date Leached:	07/10/2008 1715			

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Arsenic		0.026	J	0.022	0.20
Barium		0.33		0.0060	0.025
Cadmium		0.050	U	0.014	0.050
Chromium		0.050	U	0.0050	0.050
Lead		0.015	J	0.015	0.050
Selenium		0.030	J	0.016	0.15
Silver		0.030	U	0.0065	0.030

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)-TCLP

Method:	7470A	Analysis Batch: 220-18013	Instrument ID:	Perkin Elmer FIMS
Preparation:	7470A	Prep Batch: 220-17967	Lab File ID:	N/A
Dilution:	1.0	Leachate Batch: 220-17890	Initial Weight/Volume:	5 mL
Date Analyzed:	07/15/2008 1410		Final Weight/Volume:	50 mL
Date Prepared:	07/14/2008 1408			
Date Leached:	07/10/2008 1715			

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		0.0020	U	0.0010	0.0020

RCRA

codified at §261.24.

Table 1
TOXICITY CHARACTERISTIC CONSTITUENTS AND REGULATORY LEVELS

Waste Code	Contaminants	Concentration
D004	Arsenic	5.0
D005	Barium	100.0
D018	Benzene	0.5
D006	Cadmium	1.0
D019	Carbon tetrachloride	0.5
D020	Chlordane	0.03
D021	Chlorobenzene	100.0
D022	Chloroform	6.0
D007	Chromium	5.0
D023	o-Cresol*	200.0
D024	m-Cresol*	200.0
D025	p-Cresol*	200.0
D026	Total Cresols*	200.0
D016	2,4-D	10.0
D027	1,4-Dichlorobenzene	7.5
D028	1,2-Dichloroethane	0.5
D029	1,1-Dichloroethylene	0.7
D030	2,4-Dinitrotoluene	0.13
D012	Endrin	0.02
D031	Heptachlor (and its epoxide)	0.008
D032	Hexachlorobenzene	0.13
D033	Hexachlorobutadiene	0.5
D034	Hexachloroethane	3.0
D008	Lead	5.0
D013	Lindane	0.4
D009	Mercury	0.2
D014	Methoxychlor	10.0
D035	Methyl ethyl ketone	200.0
D036	Nitrobenzene	2.0
D037	Pentachlorophenol	100.0
D038	Pyridine	5.0
D010	Selenium	1.0
D011	Silver	5.0
D039	Tetrachloroethylene	0.7
D015	Toxaphene	0.5
D040	Trichloroethylene	0.5
D041	2,4,5-Trichlorophenol	400.0
D042	2,4,6-Trichlorophenol	2.0
D017	2,4,5-TP (Silvex)	1.0
D043	Vinyl chloride	0.2

*If o-, m-, and p-cresols cannot be individually measured, the regulatory level for total cresols is used.