

United States Environmental Protection Agency Region 4

Science and Ecosystem Support Division
980 College Station Road
Athens, Georgia 30605-2720



Case Development Investigation Evaluation (CDIE) Report

Delta Mills
Wallace, South Carolina
EPA ID No. SCD003356276
SESD Project Identification Number: 11-0485

Investigation conducted: June 7, 2011
Report issued: August 18, 2011

Requestor: Raj Aiyar
Environmental Engineer
North Enforcement & Compliance Section
RCRA, OPA Enforcement & Compliance Branch
RCRA Division
USEPA-R4, Sam Nunn Atlanta Federal Center
61 Forsyth St., Atlanta, GA 30303

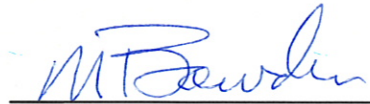
SESD Project Leader: Mike Neill
Environmental Scientist
Enforcement Section
Enforcement and Investigations Branch
Science and Ecosystem Support Division
980 College Station Road
Athens, GA 30605

Delta Mills
SESD Project ID 11-0485

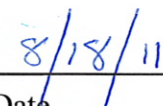
Title and Approval Sheet

Title: Delta Mills
Case Development Investigation Evaluation (CDIE) Report

Approving Official:

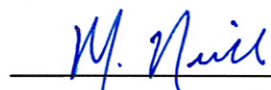


Mike Bowden, Chief
Enforcement Section
Enforcement and Investigations Branch

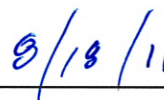


Date

SESD Project Leader:



Mike Neill, Environmental Scientist
Enforcement Section
Enforcement and Investigations Branch



Date

CASE DEVELOPMENT INVESTIGATION EVALUATION (CDIE) REPORT
DELTA MILLS
WALLACE, SOUTH CAROLINA
EPA ID No. SCD003356276

I. INTRODUCTION

On June 7, 2011, Science and Ecosystem Support Division (SESD) personnel conducted a case development investigation evaluation (CDIE) at the former Delta Mills facility in Wallace, SC (Figure 1). This investigation was requested by Doug McCurry, North Enforcement & Compliance Section (NECS).

Personnel that participated in the investigation included:

PERSONNEL	AFFILIATION	PHONE
Mike Neill	USEPA, SESD, Project Leader	706-355-8614
Art Masters	USEPA, SESD, Safety Officer/Sampler	706-355-8612
Raj Aiyar	USEPA, NECS	404-562-8993
Tommy Hadgin	Schwartz Properties – Demolition	
Doug Stowe	Town of Cheraw, Cheraw, SC	843-537-8440
Jamie Bateman	Emerald, Inc., Sumter, SC – Asbestos Survey	803-469-5454

II. SUMMARY

During SESD's investigation, eight samples were collected and analyzed for polychlorinated biphenyls (PCBs). Laboratory analyses detected PCBs in five of the eight samples. Two of the five waste samples were found to exceed the disposal requirement of ≥ 50 mg/kg found in USEPA's 40 Code of Federal Regulations (CFR), Part 761.60 for PCB liquids. Laboratory analyses showed that sample DM01 collected from the aboveground storage tank (AST) contained PCB-1260 at 3200 mg/kg and sample DM04 collected from the pump house contained PCB-1260 at 610 mg/kg. The USEPA's Regional Screening Level (RSL) for industrial soils, dermal contact with a carcinogenic target risk of $1E-06$, is 1.5 mg/kg for PCB-1260. The RSL for PCB-1260 was exceeded in one of the three soil samples. Sample DM05 was collected on the south side of the pump house and was found to have PCB-1260 at 120 mg/kg.

III. BACKGROUND

The Delta Mills property located on Brick Yard Road in Wallace, SC, operated as a textile dyeing and finishing plant, and is currently listed as a South Carolina Department of Health and Environmental Control (SCDHEC) "Brownsfields" site.

In November, 2010, SCDHEC issued a public notice for a Voluntary Cleanup Contract, 10-5897-NRP. The public notice identifies Southern States Energy, LLC (SSE) as wanting to

buy the Delta Mills property to assemble solar panels and operate a biodiesel refinery process. Under the voluntary cleanup contract, SSE will not be responsible for pre-existing pollution in exchange for conducting cleanup activities.

Allegedly as part of the cleanup, polychlorinated biphenyl (PCB) transformer fluids were mixed with waste fuel oil in a 500,000 gallon AST then sent to an oil recycler. During the mixing, PCB contaminated waste oil was released in the pump house. Allegedly, the oil was removed from the pump house with 5 gallon pails and taken to a portion of an onsite coal pile where it was disposed of by open burning.

IV. DISCUSSION OF FIELD ACTIVITIES

The objective of the SESD sampling investigation was to provide supporting data that will aid NECS in determining if any PCB residues remain in the pump house and if soils at the Delta Mills property have been impacted by cleanup operations at the facility.

Upon arrival at the site at approximately 9:00 a.m. on June 7, 2011, SESD and NECS personnel met with Mr. Hadgin, Mr. Stowe and Mr. Bateman to discuss the nature and extent of sampling. Mr. Stowe provided access. The purpose of Mr. Bateman's visit was to conduct an asbestos survey of the boiler house that was being demolished. Mr. Hadgin declined to split samples with SESD.

EPA personnel assessed the AST, the AST containment area, the pump house and the reported "burn area". Based on an authoritative sampling design, SESD collected five waste samples and three soil samples during the investigation. Field sample data collected during the investigation are presented in Table 1. Photographs taken during the investigation are in Appendix A.

SESD field investigators designated samples as either "waste" or "soil" based on observations at the time of sampling. Liquid samples (DM01, DM02 & DM04) collected from the AST, a 5 gallon pail in the AST containment area, and the pump house and were collected as waste samples. Dark, viscous materials collected in the AST containment area were also designated as waste samples (DM03 & DM06). Soil samples (DM05, DM07 & DM08) were collected on the south side of the pump house, a stained area between the boiler house and loading dock, and the reported "burn area". Prior to the investigation on June 6th, Mr. Robert MacPhee of GEL Engineering, LLC informed Mike Neill (SESD) on a phone call that there was "burn area" at the site directly across from the pump house on the pavement.

V. RESULTS OF ANALYSES

Samples were analyzed for PCBs by SW-846 Method 8082. Table 2 summarizes the results of the **waste** samples laboratory analyses, and Table 3 summarizes the results of the **soil** samples laboratory analyses. The tables present results only for detected analytes. For reference purposes, waste sample results of PCBs analyses were compared against the USEPA's 40 CFR, Part 761.60 liquid PCB disposal requirements and soil sample results were compared against the USEPA's RSLs for industrial soils, dermal contact with a carcinogenic target risk of 1E-06. SESD's complete analytical reports are included as Appendix B.

Laboratory analyses detected PCB-1260 in four of the five waste samples. Four waste samples (DM01, DM02, DM03 & DM04) contained PCB-1260 ranging from 2.5 to 3200 mg/kg. Both the sample collected from the AST and the sample collected from the pump house exceeded the disposal requirements (≥ 50 mg/kg) in 40 CFR, Part 761.60 for liquid PCBs. Sample DM01 contained PCB-1260 at 3200 mg/kg and sample DM04 contained PCB-1260 at 610 mg/kg.

The USEPA's RSL for industrial soils, dermal contact with a carcinogenic target risk of $1E-06$ for PCB-1260 (1.5 mg/kg) was exceeded in one of the three soil samples. Sample DM05 was collected on the south side of the pump house and was found to have PCB-1260 at 120 mg/kg (or 120,000 ug/kg).

VI. RESULTS OF FIELD QUALITY CONTROL SAMPLES

Field quality control samples for this investigation consisted of:

- One matrix spike/matrix spike duplicate (MS/MSD) sample (DM05) – Results of analysis were acceptable for the purposes of this investigation.
- One temperature blank – This blank was received by the SESD laboratory at 5.6 °C, which did not exceed the maximum recommended temperature of 6 °C.

VII. METHODOLOGY

Field activities were conducted in accordance with the Region 4, SESD *Field Branches Quality System and Technical Procedures*. Specific field procedures applicable to this investigation included the following:

Soil Sampling, SESDPROC-300-R1
Waste Sampling, SESDPROC-302-R1
Management of Investigation Derived Waste, SESDPROC-202-R2
Global Positioning System, SESDPROC-110-R3

Samples were analyzed at the SESD laboratory in accordance with the *SESD Analytical Support Branch Laboratory Operations and Quality Assurance Manual*, January 2011. The SESD laboratory is accredited by the National Environmental Laboratory Accreditation Program (NELAP).

TABLE 1 – FIELD SAMPLE DATA

Sample	Location	Sample Time	Sampler	Analyses	Description
DM01	Aboveground storage tank (AST) N. 34.71711° W. -79.85689° ±20'	10:30	Art Masters	PCBs	Grab – dip container (string) Dark, oily liquid
DM02	5 gal pail in AST containment area N. 34.71713° W. -79.85689° ±20'	10:45	Art Masters	PCBs	Composite – COLIWASA Liquid, 2 phases (oil & water)
DM03	AST containment area N. 34.71714° W. -79.85692° ±17'	10:55	Art Masters	PCBs	Grab – spoon solidified dark oil
DM04	Pump house N. 34.71714° W. -79.85660° ±17'	11:15	Art Masters	PCBs	Grab – spoon Dark, oily liquid
DM05	South side of pump house N. 34.71714° W. -79.85660° ±17'	11:25	Art Masters	PCBs	Grab – spoon Dark, stained soil, 0-4"
DM06	North side of pump house N. 34.71714° W. -79.85660° ±17'	11:40	Art Masters	PCBs	Grab – spoon Thick, viscous black material 0-3"
DM07	Pavement area – stain N. 34.71640° W. -79.85683° ±18'	12:10	Art Masters	PCBs	Grab – spoon Dark, fine grain soil, 0-2"
DM08	"burn area" on pavement N. 34.71669° W. -79.85629° ±22'	12:20	Art Masters	PCBs	Composite – spoon Light gray, fine grain solid, 0-2"

**Table 2. WASTE SAMPLES
LABORATORY ANALYTICAL DATA SUMMARY**

ANALYTE	UNITS	40 CFR 761.60 Disposal Requirement	DM01	DM02	DM03	DM04
PCB-1260 (Aroclor 1260)	mg/kg	50	3200	4.1	2.5	610

**Table 3. SOIL SAMPLES
LABORATORY ANALYTICAL DATA SUMMARY**

ANALYTE	UNITS	RSL Industrial Soil Dermal	DM05 SOIL
PCB-1260 (Aroclor 1260)	mg/kg or ug/kg	1.5 or 1500	120 J,O or 120000 J,O

DATA QUALIFIERS

J – the reported value is an estimate.

O – other data qualifier(s), see Analytical Reports for specific qualifier and definition.

Figure 1. Delta Mills Location

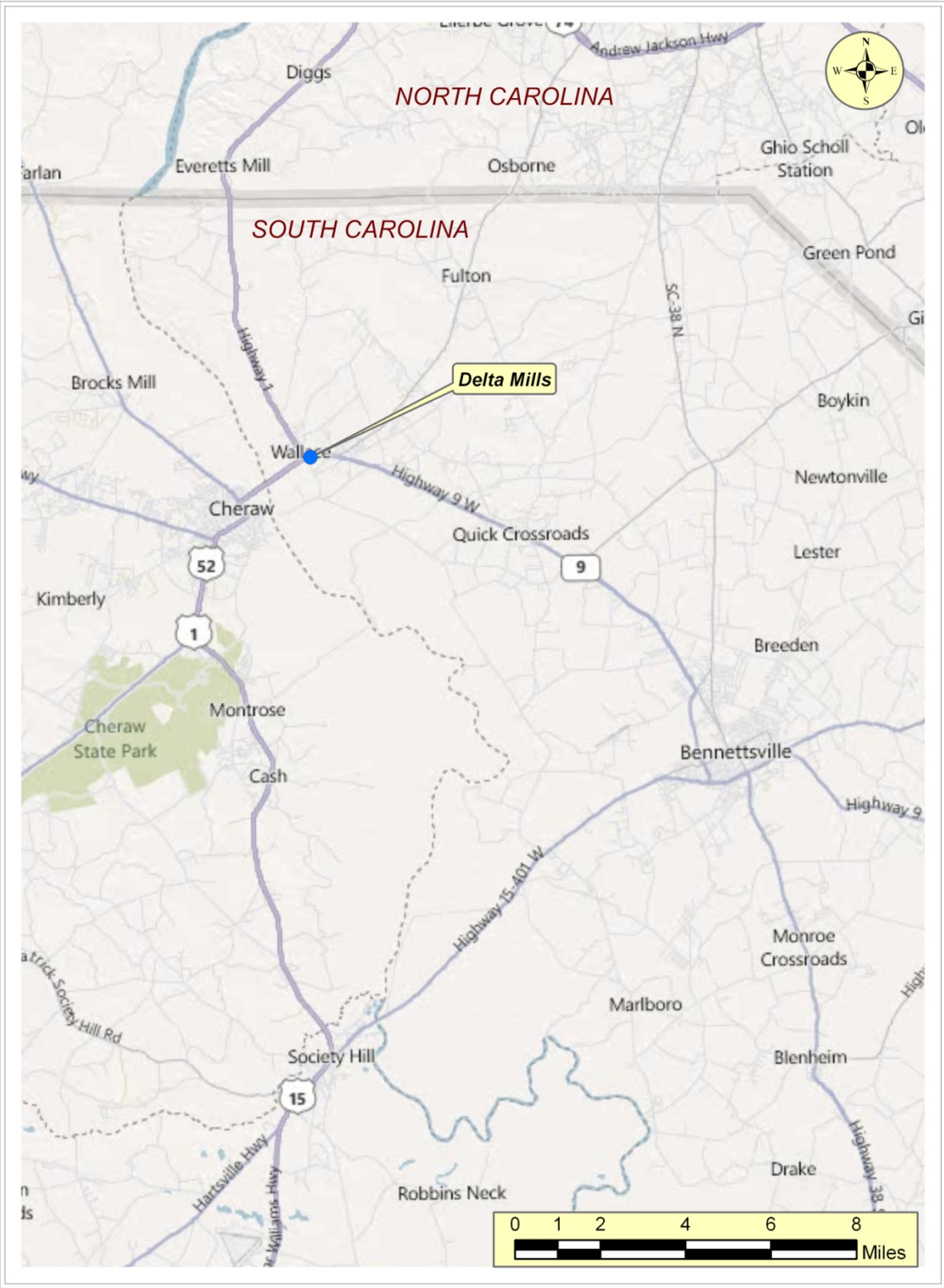


Figure 2. Temporary Well Locations



APPENDIX A

SESD SAMPLING INVESTIGATION PHOTOGRAPHS



Photo 01 taken by M. Neill – 06/07/11

Looking Southeast– 500,000 gal.
Aboveground Storage Tank (AST).
Sample DM01.



Photo 02 taken by M. Neill – 06/07/11

Looking East – 5 gal. pail in AST
containment area.
Sample location DM02.



Photo 03 taken by M. Neill – 06/07/11

Looking Northwest – NW corner of
AST containment area with heavy oil
staining.
Sample location DM03.



Photo 04 taken by M. Neill – 06/07/11

Looking North – Liquid oil on pump house floor.
Sample location DM04.



Photo 05 taken by M. Neill – 06/07/11

Looking Northwest – Front of pump house outside of AST containment area.



Photo 06 taken by M. Neill – 06/07/11

Looking West – Front of pump house.
Sample location DM05.



Photo 07 taken by M. Neill – 06/07/11

Looking West – Back of pump house in
AST containment area.
Sample location DM06.



Photo 08 taken by M. Neill – 06/07/11

Looking West – Stained area on
pavement between loading dock and
boiler house.
Sample location DM07.



Photo 09 taken by M. Neill – 06/07/11

Looking West – Reported ‘burn area’
according to Mr. MacPhee.
Sample location DM08.

APPENDIX B
SESD LABORATORY DATA REPORT

PCB (aroclors) analyses – 27 Pages



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D.A.R.T. Id: 11-0485

Project: 11-0485, Delta Mills Marketing Co. Delta 3 - Reported by Jeannie Williamson

July 19, 2011

4SESD-ASB

MEMORANDUM

SUBJECT: FINAL Analytical Report
Project: 11-0485, Delta Mills Marketing Co. Delta 3
Civil Enforcement

FROM: Jeannie Williamson
OCS Chemist

THRU: Sallie Hale, Chief
ASB Organic Chemistry Section

TO: Mike Neill

Attached are the final results for the analytical groups listed below. These analyses were performed in accordance with the Analytical Support Branch's (ASB) Laboratory Operations and Quality Assurance Manual (ASB LOQAM) found at www.epa.gov/region4/sesd/asbsop. Any unique project data quality objectives specified in writing by the data requestor have also been incorporated into the data unless otherwise noted in the Report Narrative. Chemistry data have been verified based on the ASB LOQAM specifications and may have been qualified if the applicable quality control criteria were not met. For a listing of specific data qualifiers and explanations, please refer to the Data Qualifier Definitions included in this report. The reported results are accurate within the limits of the method(s) and are representative only of the samples as received by the laboratory.

Analyses Included in this report:

Method Used:

PCB Aroclors (PCBA)

PCB aroclors

EPA 8082



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Sample Disposal Policy

Because of the laboratory's limited space for long term sample storage, our policy is to dispose of samples on a periodic schedule. Please note that within 60 days of this memo, the original samples and all sample extracts and/or sample digestates will be disposed of in accordance with applicable regulations. The 60-day sample disposal policy does not apply to criminal samples which are held until the laboratory is notified by the criminal investigators that case development and litigation are complete.

These samples may be held in the laboratory's custody for a longer period of time if you have a special project need. If you wish for the laboratory to hold samples beyond the 60-day period, please contact our Sample Control Coordinator, Debbie Colquitt, by e-mail at Colquitt.Debbie@epa.gov, and provide a reason for holding samples beyond 60 days



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SAMPLES INCLUDED IN THIS REPORT

Project: 11-0485, Delta Mills Marketing Co. Delta 3

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
DM01	E112402-01	Waste	6/7/11 10:30	6/8/11 13:24
DM02	E112402-02	Waste	6/7/11 10:45	6/8/11 13:24
DM03	E112402-03	Waste	6/7/11 10:55	6/8/11 13:24
DM04	E112402-04	Waste	6/7/11 11:15	6/8/11 13:24
DM05	E112402-05	Surface Soil	6/7/11 11:25	6/8/11 13:24
DM06	E112402-06	Waste	6/7/11 11:40	6/8/11 13:24
DM07	E112402-07	Surface Soil	6/7/11 12:10	6/8/11 13:24
DM08	E112402-08	Surface Soil	6/7/11 12:20	6/8/11 13:24



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DATA QUALIFIER DEFINITIONS

U	The analyte was not detected at or above the reporting limit.
CR	MRL elevated due to detection of Ar1260 in sample.
D-4	MRL elevated due to interferences.
I-5	Mixture of Aroclors in sample; predominant Aroclors reported
J	The identification of the analyte is acceptable; the reported value is an estimate.
QC-1	Analyte concentration low in continuing calibration verification standard

ACRONYMS AND ABBREVIATIONS

CAS	Chemical Abstracts Service Note: Analytes with no known CAS identifiers have been assigned codes beginning with "E", the EPA ID as assigned by the EPA Substance Registry System (www.epa.gov/srs), or beginning with "R4-", a unique identifier assigned by the EPA Region 4 laboratory.
MDL	Method Detection Limit - The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero.
MRL	Minimum Reporting Limit - Analyte concentration that corresponds to the lowest demonstrated level of acceptable quantitation. The MRL is sample-specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments.
TIC	Tentatively Identified Compound - An analyte identified based on a match with the instrument software's mass spectral library. A calibration standard has not been analyzed to confirm the compound's identification or the estimated concentration reported.



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Project: 11-0485, Delta Mills Marketing Co. Delta 3 - Reported by Jeannie Williamson

PCB Aroclors

Project: 11-0485, Delta Mills Marketing Co. Delta 3

Sample ID: DM01

Lab ID: E112402-01

Station ID: DM01

Matrix: Waste

Date Collected: 6/7/11 10:30

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
12674-11-2	PCB-1016 (Aroclor 1016)	1200	U	mg/kg	1200	6/14/11 13:04	7/18/11 12:29	EPA 8082
11104-28-2	PCB-1221 (Aroclor 1221)	2400	U	mg/kg	2400	6/14/11 13:04	7/18/11 12:29	EPA 8082
11141-16-5	PCB-1232 (Aroclor 1232)	1200	U	mg/kg	1200	6/14/11 13:04	7/18/11 12:29	EPA 8082
53469-21-9	PCB-1242 (Aroclor 1242)	1200	U	mg/kg	1200	6/14/11 13:04	7/18/11 12:29	EPA 8082
12672-29-6	PCB-1248 (Aroclor 1248)	1200	U	mg/kg	1200	6/14/11 13:04	7/18/11 12:29	EPA 8082
11097-69-1	PCB-1254 (Aroclor 1254)	3300	U, CR	mg/kg	3300	6/14/11 13:04	7/18/11 12:29	EPA 8082
11096-82-5	PCB-1260 (Aroclor 1260)	3200		mg/kg	1200	6/14/11 13:04	7/18/11 12:29	EPA 8082
37324-23-5	PCB-1262 (Aroclor 1262)	3300	U, CR	mg/kg	3300	6/14/11 13:04	7/18/11 12:29	EPA 8082
11100-14-4	PCB-1268 (Aroclor 1268)	3300	U, CR	mg/kg	3300	6/14/11 13:04	7/18/11 12:29	EPA 8082



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PCB Aroclors

Project: 11-0485, Delta Mills Marketing Co. Delta 3

Sample ID: DM02

Lab ID: E112402-02

Station ID: DM02

Matrix: Waste

Date Collected: 6/7/11 10:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
12674-11-2	PCB-1016 (Aroclor 1016)	1.2	U	mg/kg	1.2	6/14/11 13:04	7/18/11 10:24	EPA 8082
11104-28-2	PCB-1221 (Aroclor 1221)	2.4	U	mg/kg	2.4	6/14/11 13:04	7/18/11 10:24	EPA 8082
11141-16-5	PCB-1232 (Aroclor 1232)	1.2	U	mg/kg	1.2	6/14/11 13:04	7/18/11 10:24	EPA 8082
53469-21-9	PCB-1242 (Aroclor 1242)	1.2	U	mg/kg	1.2	6/14/11 13:04	7/18/11 10:24	EPA 8082
12672-29-6	PCB-1248 (Aroclor 1248)	1.2	U	mg/kg	1.2	6/14/11 13:04	7/18/11 10:24	EPA 8082
11097-69-1	PCB-1254 (Aroclor 1254)	4.2	U, CR	mg/kg	4.2	6/14/11 13:04	7/18/11 10:24	EPA 8082
11096-82-5	PCB-1260 (Aroclor 1260)	4.1		mg/kg	1.2	6/14/11 13:04	7/18/11 10:24	EPA 8082
37324-23-5	PCB-1262 (Aroclor 1262)	4.2	U, CR	mg/kg	4.2	6/14/11 13:04	7/18/11 10:24	EPA 8082
11100-14-4	PCB-1268 (Aroclor 1268)	4.2	U, CR	mg/kg	4.2	6/14/11 13:04	7/18/11 10:24	EPA 8082



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PCB Aroclors

Project: 11-0485, Delta Mills Marketing Co. Delta 3

Sample ID: DM03

Lab ID: E112402-03

Station ID: DM03

Matrix: Waste

Date Collected: 6/7/11 10:55

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
12674-11-2	PCB-1016 (Aroclor 1016)	1.2	U	mg/kg	1.2	6/14/11 13:04	7/18/11 10:39	EPA 8082
11104-28-2	PCB-1221 (Aroclor 1221)	2.5	U	mg/kg	2.5	6/14/11 13:04	7/18/11 10:39	EPA 8082
11141-16-5	PCB-1232 (Aroclor 1232)	1.2	U	mg/kg	1.2	6/14/11 13:04	7/18/11 10:39	EPA 8082
53469-21-9	PCB-1242 (Aroclor 1242)	1.2	U	mg/kg	1.2	6/14/11 13:04	7/18/11 10:39	EPA 8082
12672-29-6	PCB-1248 (Aroclor 1248)	1.2	U	mg/kg	1.2	6/14/11 13:04	7/18/11 10:39	EPA 8082
11097-69-1	PCB-1254 (Aroclor 1254)	2.6	U, CR	mg/kg	2.6	6/14/11 13:04	7/18/11 10:39	EPA 8082
11096-82-5	PCB-1260 (Aroclor 1260)	2.5		mg/kg	1.2	6/14/11 13:04	7/18/11 10:39	EPA 8082
37324-23-5	PCB-1262 (Aroclor 1262)	2.6	U, CR	mg/kg	2.6	6/14/11 13:04	7/18/11 10:39	EPA 8082
11100-14-4	PCB-1268 (Aroclor 1268)	2.6	U, CR	mg/kg	2.6	6/14/11 13:04	7/18/11 10:39	EPA 8082



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PCB Aroclors

Project: 11-0485, Delta Mills Marketing Co. Delta 3

Sample ID: DM04

Lab ID: E112402-04

Station ID: DM04

Matrix: Waste

Date Collected: 6/7/11 11:15

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
12674-11-2	PCB-1016 (Aroclor 1016)	120	U	mg/kg	120	6/14/11 13:04	7/18/11 11:26	EPA 8082
11104-28-2	PCB-1221 (Aroclor 1221)	250	U	mg/kg	250	6/14/11 13:04	7/18/11 11:26	EPA 8082
11141-16-5	PCB-1232 (Aroclor 1232)	120	U	mg/kg	120	6/14/11 13:04	7/18/11 11:26	EPA 8082
53469-21-9	PCB-1242 (Aroclor 1242)	120	U	mg/kg	120	6/14/11 13:04	7/18/11 11:26	EPA 8082
12672-29-6	PCB-1248 (Aroclor 1248)	120	U	mg/kg	120	6/14/11 13:04	7/18/11 11:26	EPA 8082
11097-69-1	PCB-1254 (Aroclor 1254)	620	U, CR	mg/kg	620	6/14/11 13:04	7/18/11 11:26	EPA 8082
11096-82-5	PCB-1260 (Aroclor 1260)	610		mg/kg	120	6/14/11 13:04	7/18/11 11:26	EPA 8082
37324-23-5	PCB-1262 (Aroclor 1262)	620	U, CR	mg/kg	620	6/14/11 13:04	7/18/11 11:26	EPA 8082
11100-14-4	PCB-1268 (Aroclor 1268)	620	U, CR	mg/kg	620	6/14/11 13:04	7/18/11 11:26	EPA 8082



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PCB Aroclors

Project: 11-0485, Delta Mills Marketing Co. Delta 3

Sample ID: DM05

Lab ID: E112402-05

Station ID: DM04

Matrix: Surface Soil

Date Collected: 6/7/11 11:25

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
12674-11-2	PCB-1016 (Aroclor 1016)	13000	U	ug/kg dry	13000	6/15/11 11:57	7/12/11 15:00	EPA 8082
11104-28-2	PCB-1221 (Aroclor 1221)	26000	U	ug/kg dry	26000	6/15/11 11:57	7/12/11 15:00	EPA 8082
11141-16-5	PCB-1232 (Aroclor 1232)	13000	U	ug/kg dry	13000	6/15/11 11:57	7/12/11 15:00	EPA 8082
53469-21-9	PCB-1242 (Aroclor 1242)	13000	U	ug/kg dry	13000	6/15/11 11:57	7/12/11 15:00	EPA 8082
12672-29-6	PCB-1248 (Aroclor 1248)	13000	U	ug/kg dry	13000	6/15/11 11:57	7/12/11 15:00	EPA 8082
11097-69-1	PCB-1254 (Aroclor 1254)	130000	U, CR	ug/kg dry	130000	6/15/11 11:57	7/12/11 15:00	EPA 8082
11096-82-5	PCB-1260 (Aroclor 1260)	120000	J, I-5	ug/kg dry	13000	6/15/11 11:57	7/12/11 15:00	EPA 8082
37324-23-5	PCB-1262 (Aroclor 1262)	130000	U, CR	ug/kg dry	130000	6/15/11 11:57	7/12/11 15:00	EPA 8082
11100-14-4	PCB-1268 (Aroclor 1268)	130000	U, CR	ug/kg dry	130000	6/15/11 11:57	7/12/11 15:00	EPA 8082



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 11-0485

Project: 11-0485, Delta Mills Marketing Co. Delta 3 - Reported by Jeannie Williamson

PCB Aroclors

Project: 11-0485, Delta Mills Marketing Co. Delta 3

Sample ID: DM06

Lab ID: E112402-06

Station ID: DM04

Matrix: Waste

Date Collected: 6/7/11 11:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
12674-11-2	PCB-1016 (Aroclor 1016)	0.24	U	mg/kg	0.24	6/14/11 13:04	7/18/11 12:13	EPA 8082
11104-28-2	PCB-1221 (Aroclor 1221)	0.48	U	mg/kg	0.48	6/14/11 13:04	7/18/11 12:13	EPA 8082
11141-16-5	PCB-1232 (Aroclor 1232)	0.24	U	mg/kg	0.24	6/14/11 13:04	7/18/11 12:13	EPA 8082
53469-21-9	PCB-1242 (Aroclor 1242)	0.24	U	mg/kg	0.24	6/14/11 13:04	7/18/11 12:13	EPA 8082
12672-29-6	PCB-1248 (Aroclor 1248)	0.24	U	mg/kg	0.24	6/14/11 13:04	7/18/11 12:13	EPA 8082
11097-69-1	PCB-1254 (Aroclor 1254)	0.24	U	mg/kg	0.24	6/14/11 13:04	7/18/11 12:13	EPA 8082
11096-82-5	PCB-1260 (Aroclor 1260)	0.24	U	mg/kg	0.24	6/14/11 13:04	7/18/11 12:13	EPA 8082
37324-23-5	PCB-1262 (Aroclor 1262)	0.24	U	mg/kg	0.24	6/14/11 13:04	7/18/11 12:13	EPA 8082
11100-14-4	PCB-1268 (Aroclor 1268)	0.24	U	mg/kg	0.24	6/14/11 13:04	7/18/11 12:13	EPA 8082



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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D.A.R.T. Id: 11-0485

Project: 11-0485, Delta Mills Marketing Co. Delta 3 - Reported by Jeannie Williamson

PCB Aroclors

Project: 11-0485, Delta Mills Marketing Co. Delta 3

Sample ID: DM07

Lab ID: E112402-07

Station ID: DM07

Matrix: Surface Soil

Date Collected: 6/7/11 12:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
12674-11-2	PCB-1016 (Aroclor 1016)	1300	U, D-4	ug/kg dry	1300	6/15/11 11:57	7/12/11 21:24	EPA 8082
11104-28-2	PCB-1221 (Aroclor 1221)	2600	U, D-4	ug/kg dry	2600	6/15/11 11:57	7/12/11 21:24	EPA 8082
11141-16-5	PCB-1232 (Aroclor 1232)	1300	U, D-4	ug/kg dry	1300	6/15/11 11:57	7/12/11 21:24	EPA 8082
53469-21-9	PCB-1242 (Aroclor 1242)	1300	U, D-4	ug/kg dry	1300	6/15/11 11:57	7/12/11 21:24	EPA 8082
12672-29-6	PCB-1248 (Aroclor 1248)	1300	U, D-4	ug/kg dry	1300	6/15/11 11:57	7/12/11 21:24	EPA 8082
11097-69-1	PCB-1254 (Aroclor 1254)	1300	U, CR, D-4	ug/kg dry	1300	6/15/11 11:57	7/12/11 21:24	EPA 8082
11096-82-5	PCB-1260 (Aroclor 1260)	1300	U, D-4	ug/kg dry	1300	6/15/11 11:57	7/12/11 21:24	EPA 8082
37324-23-5	PCB-1262 (Aroclor 1262)	1300	U, CR, D-4	ug/kg dry	1300	6/15/11 11:57	7/12/11 21:24	EPA 8082
11100-14-4	PCB-1268 (Aroclor 1268)	1300	U, CR, D-4	ug/kg dry	1300	6/15/11 11:57	7/12/11 21:24	EPA 8082



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D.A.R.T. Id: 11-0485

Project: 11-0485, Delta Mills Marketing Co. Delta 3 - Reported by Jeannie Williamson

PCB Aroclors

Project: 11-0485, Delta Mills Marketing Co. Delta 3

Sample ID: DM08

Lab ID: E112402-08

Station ID: DM08

Matrix: Surface Soil

Date Collected: 6/7/11 12:20

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
12674-11-2	PCB-1016 (Aroclor 1016)	2600	U, D-4	ug/kg dry	2600	6/15/11 11:57	7/13/11 15:20	EPA 8082
11104-28-2	PCB-1221 (Aroclor 1221)	5100	U, D-4	ug/kg dry	5100	6/15/11 11:57	7/13/11 15:20	EPA 8082
11141-16-5	PCB-1232 (Aroclor 1232)	2600	U, D-4	ug/kg dry	2600	6/15/11 11:57	7/13/11 15:20	EPA 8082
53469-21-9	PCB-1242 (Aroclor 1242)	2600	U, D-4	ug/kg dry	2600	6/15/11 11:57	7/13/11 15:20	EPA 8082
12672-29-6	PCB-1248 (Aroclor 1248)	2600	U, D-4	ug/kg dry	2600	6/15/11 11:57	7/13/11 15:20	EPA 8082
11097-69-1	PCB-1254 (Aroclor 1254)	2600	U, D-4	ug/kg dry	2600	6/15/11 11:57	7/13/11 15:20	EPA 8082
11096-82-5	PCB-1260 (Aroclor 1260)	2600	U, D-4	ug/kg dry	2600	6/15/11 11:57	7/13/11 15:20	EPA 8082
37324-23-5	PCB-1262 (Aroclor 1262)	2600	U, D-4	ug/kg dry	2600	6/15/11 11:57	7/13/11 15:20	EPA 8082
11100-14-4	PCB-1268 (Aroclor 1268)	2600	U, D-4	ug/kg dry	2600	6/15/11 11:57	7/13/11 15:20	EPA 8082



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D.A.R.T. Id: 11-0485

Project: 11-0485, Delta Mills Marketing Co. Delta 3 - Reported by Jeannie Williamson

PCB Aroclors (PCBA) - Quality Control

US-EPA, Region 4, SESD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1106079 - E 3580

Blank (1106079-BLK1)

Prepared: 06/14/11 Analyzed: 07/12/11

EPA 8082

Surrogate: Tetrachloro-meta-xylene	0.395		mg/kg	0.50000		79.0	71-129			
Surrogate: Tetrachloro-meta-xylene [2C]	0.394		"	0.50000		78.8	71-129			
Surrogate: Decachlorobiphenyl (DCB)	0.937		"	1.0000		93.7	15-154			
Surrogate: Decachlorobiphenyl (DCB) [2C]	0.939		"	1.0000		93.9	15-154			
PCB-1221 (Aroclor 1221)	U	0.50	"							U
PCB-1221 (Aroclor 1221) [2C]	U	0.50	"							U
PCB-1232 (Aroclor 1232)	U	0.25	"							U
PCB-1232 (Aroclor 1232) [2C]	U	0.25	"							U
PCB-1016 (Aroclor 1016)	U	0.25	"							U
PCB-1016 (Aroclor 1016) [2C]	U	0.25	"							U
PCB-1242 (Aroclor 1242)	U	0.25	"							U
PCB-1242 (Aroclor 1242) [2C]	U	0.25	"							U
PCB-1248 (Aroclor 1248)	U	0.25	"							U
PCB-1248 (Aroclor 1248) [2C]	U	0.25	"							U
PCB-1254 (Aroclor 1254)	U	0.25	"							U
PCB-1254 (Aroclor 1254) [2C]	U	0.25	"							U
PCB-1260 (Aroclor 1260)	U	0.25	"							U
PCB-1260 (Aroclor 1260) [2C]	U	0.25	"							U
PCB-1262 (Aroclor 1262)	U	0.25	"							U
PCB-1262 (Aroclor 1262) [2C]	U	0.25	"							U
PCB-1268 (Aroclor 1268)	U	0.25	"							U
PCB-1268 (Aroclor 1268) [2C]	U	0.25	"							U

LCS (1106079-BS1)

Prepared: 06/14/11 Analyzed: 07/12/11

EPA 8082

Surrogate: Tetrachloro-meta-xylene	0.400		mg/kg	0.50000		80.0	71-129			
Surrogate: Tetrachloro-meta-xylene [2C]	0.398		"	0.50000		79.7	71-129			
Surrogate: Decachlorobiphenyl (DCB)	0.924		"	1.0000		92.4	15-154			
Surrogate: Decachlorobiphenyl (DCB) [2C]	0.927		"	1.0000		92.7	15-154			
PCB-1221 (Aroclor 1221)	U	2.5	"				70-130			U
PCB-1221 (Aroclor 1221) [2C]	U	2.5	"				70-130			U
PCB-1232 (Aroclor 1232)	U	1.2	"				70-130			U
PCB-1232 (Aroclor 1232) [2C]	U	1.2	"				70-130			U
PCB-1016 (Aroclor 1016)	U	1.2	"				70-130			U
PCB-1016 (Aroclor 1016) [2C]	U	1.2	"				70-130			U
PCB-1242 (Aroclor 1242)	U	1.2	"				70-130			U
PCB-1242 (Aroclor 1242) [2C]	U	1.2	"				70-130			U



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Project: 11-0485, Delta Mills Marketing Co. Delta 3 - Reported by Jeannie Williamson

PCB Aroclors (PCBA) - Quality Control

US-EPA, Region 4, SESD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1106079 - E 3580

LCS (1106079-BS1)

Prepared: 06/14/11 Analyzed: 07/12/11

PCB-1248 (Aroclor 1248)	4.4518	1.2	mg/kg	5.0000		89.0	70-130			
PCB-1248 (Aroclor 1248) [2C]	4.3986	1.2	"	5.0000		88.0	70-130			
PCB-1254 (Aroclor 1254)	U	1.2	"				44-155			U
PCB-1254 (Aroclor 1254) [2C]	U	1.2	"				44-155			U
PCB-1260 (Aroclor 1260)	U	1.2	"				44-155			U
PCB-1260 (Aroclor 1260) [2C]	U	1.2	"				44-155			U
PCB-1262 (Aroclor 1262)	U	1.2	"				44-155			U
PCB-1262 (Aroclor 1262) [2C]	U	1.2	"				44-155			U
PCB-1268 (Aroclor 1268)	U	1.2	"				44-155			U
PCB-1268 (Aroclor 1268) [2C]	U	1.2	"				44-155			U

LCS Dup (1106079-BSD1)

Prepared: 06/14/11 Analyzed: 07/12/11

EPA 8082

Surrogate: Tetrachloro-meta-xylene	0.402		mg/kg	0.50000		80.5	71-129			
Surrogate: Tetrachloro-meta-xylene [2C]	0.401		"	0.50000		80.2	71-129			
Surrogate: Decachlorobiphenyl (DCB)	0.941		"	1.0000		94.1	15-154			
Surrogate: Decachlorobiphenyl (DCB) [2C]	0.949		"	1.0000		94.9	15-154			
PCB-1221 (Aroclor 1221)	U	2.5	"				70-130		30	U
PCB-1221 (Aroclor 1221) [2C]	U	2.5	"				70-130		30	U
PCB-1232 (Aroclor 1232)	U	1.2	"				70-130		30	U
PCB-1232 (Aroclor 1232) [2C]	U	1.2	"				70-130		30	U
PCB-1016 (Aroclor 1016)	U	1.2	"				70-130		30	U
PCB-1016 (Aroclor 1016) [2C]	U	1.2	"				70-130		30	U
PCB-1242 (Aroclor 1242)	U	1.2	"				70-130		30	U
PCB-1242 (Aroclor 1242) [2C]	U	1.2	"				70-130		30	U
PCB-1248 (Aroclor 1248)	4.5376	1.2	"	5.0000		90.8	70-130	1.91	30	
PCB-1248 (Aroclor 1248) [2C]	4.4235	1.2	"	5.0000		88.5	70-130	0.563	30	
PCB-1254 (Aroclor 1254)	U	1.2	"				44-155		30	U
PCB-1254 (Aroclor 1254) [2C]	U	1.2	"				44-155		30	U
PCB-1260 (Aroclor 1260)	U	1.2	"				44-155		30	U
PCB-1260 (Aroclor 1260) [2C]	U	1.2	"				44-155		30	U
PCB-1262 (Aroclor 1262)	U	1.2	"				44-155		30	U
PCB-1262 (Aroclor 1262) [2C]	U	1.2	"				44-155		30	U
PCB-1268 (Aroclor 1268)	U	1.2	"				44-155		30	U
PCB-1268 (Aroclor 1268) [2C]	U	1.2	"				44-155		30	U



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D.A.R.T. Id: 11-0485

Project: 11-0485, Delta Mills Marketing Co. Delta 3 - Reported by Jeannie Williamson

PCB Aroclors (PCBA) - Quality Control

US-EPA, Region 4, SESD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1106079 - E 3580

Duplicate (1106079-DUP1)

Source: E112402-02

Prepared: 06/14/11 Analyzed: 07/18/11

EPA 8082

Surrogate: Tetrachloro-meta-xylene	0.385		mg/kg	0.47619		80.8	71-129			
Surrogate: Tetrachloro-meta-xylene [2C]	0.380		"	0.47619		79.8	71-129			
Surrogate: Decachlorobiphenyl (DCB)	0.847		"	0.95238		88.9	15-154			
Surrogate: Decachlorobiphenyl (DCB) [2C]	0.804		"	0.95238		84.4	15-154			
PCB-1221 (Aroclor 1221)	U	2.4	"		U				200	U
PCB-1221 (Aroclor 1221) [2C]	U	2.4	"		U				200	U
PCB-1232 (Aroclor 1232)	U	1.2	"		U				200	U
PCB-1232 (Aroclor 1232) [2C]	U	1.2	"		U				200	U
PCB-1016 (Aroclor 1016)	U	1.2	"		U				200	U
PCB-1016 (Aroclor 1016) [2C]	U	1.2	"		U				200	U
PCB-1242 (Aroclor 1242)	U	1.2	"		U				200	U
PCB-1242 (Aroclor 1242) [2C]	U	1.2	"		U				200	U
PCB-1248 (Aroclor 1248)	U	1.2	"		U				200	U
PCB-1248 (Aroclor 1248) [2C]	U	1.2	"		U				200	U
PCB-1254 (Aroclor 1254)	U	1.2	"		U				200	U
PCB-1254 (Aroclor 1254) [2C]	U	1.2	"		U				200	U
PCB-1260 (Aroclor 1260)	4.7854	1.2	"		4.1219			14.9	200	
PCB-1260 (Aroclor 1260) [2C]	4.0617	1.2	"		3.5974			12.1	200	
PCB-1262 (Aroclor 1262)	U	1.2	"		U				200	U
PCB-1262 (Aroclor 1262) [2C]	U	1.2	"		U				200	U
PCB-1268 (Aroclor 1268)	U	1.2	"		U				200	U
PCB-1268 (Aroclor 1268) [2C]	U	1.2	"		U				200	U

MRL Verification (1106079-PS1)

Prepared: 06/14/11 Analyzed: 07/18/11

EPA 8082

Surrogate: Tetrachloro-meta-xylene	0.497		mg/kg	0.50000		99.4	71-129			
Surrogate: Tetrachloro-meta-xylene [2C]	0.486		"	0.50000		97.1	71-129			
Surrogate: Decachlorobiphenyl (DCB)	0.982		"	1.0000		98.2	15-154			
Surrogate: Decachlorobiphenyl (DCB) [2C]	0.901		"	1.0000		90.1	15-154			
PCB-1221 (Aroclor 1221)	U	0.50	"				50-150			MRL-6, U
PCB-1221 (Aroclor 1221) [2C]	U	0.50	"				50-150			MRL-6, U
PCB-1232 (Aroclor 1232)	U	0.25	"				50-150			MRL-6, U
PCB-1232 (Aroclor 1232) [2C]	U	0.25	"				50-150			MRL-6, U
PCB-1016 (Aroclor 1016)	U	0.25	"				50-150			MRL-6, U



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PCB Aroclors (PCBA) - Quality Control

US-EPA, Region 4, SESD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1106079 - E 3580

MRL Verification (1106079-PS1)

Prepared: 06/14/11 Analyzed: 07/13/11

PCB-1016 (Aroclor 1016) [2C]	U	0.25	mg/kg				50-150			MRL-6, U
PCB-1242 (Aroclor 1242)	U	0.25	"				50-150			MRL-6, U
PCB-1242 (Aroclor 1242) [2C]	U	0.25	"				50-150			MRL-6, U
PCB-1248 (Aroclor 1248)	0.53950	0.25	"	0.50000		108	50-150			MRL-6
PCB-1248 (Aroclor 1248) [2C]	0.54363	0.25	"	0.50000		109	50-150			MRL-6
PCB-1254 (Aroclor 1254)	U	0.25	"				24-175			MRL-6, U
PCB-1254 (Aroclor 1254) [2C]	U	0.25	"				24-175			MRL-6, U
PCB-1260 (Aroclor 1260)	U	0.25	"				24-175			MRL-6, U
PCB-1260 (Aroclor 1260) [2C]	U	0.25	"				24-175			MRL-6, U
PCB-1262 (Aroclor 1262)	U	0.25	"				24-175			MRL-6, U
PCB-1262 (Aroclor 1262) [2C]	U	0.25	"				24-175			MRL-6, U
PCB-1268 (Aroclor 1268)	U	0.25	"				24-175			MRL-6, U
PCB-1268 (Aroclor 1268) [2C]	U	0.25	"				24-175			MRL-6, U

MRL Verification (1106079-PS2)

Prepared: 06/14/11 Analyzed: 07/12/11

EPA 8082

Surrogate: Tetrachloro-meta-xylene	0.492		mg/kg	0.50000		98.4	71-129			
Surrogate: Tetrachloro-meta-xylene [2C]	0.492		"	0.50000		98.3	71-129			
Surrogate: Decachlorobiphenyl (DCB)	1.11		"	1.0000		111	15-154			
Surrogate: Decachlorobiphenyl (DCB) [2C]	1.11		"	1.0000		111	15-154			
PCB-1221 (Aroclor 1221)	U	0.50	"				50-150			MRL-6, U
PCB-1221 (Aroclor 1221) [2C]	U	0.50	"				50-150			MRL-6, U
PCB-1232 (Aroclor 1232)	U	0.25	"				50-150			MRL-6, U
PCB-1232 (Aroclor 1232) [2C]	U	0.25	"				50-150			MRL-6, U
PCB-1016 (Aroclor 1016)	U	0.25	"				50-150			MRL-6, U
PCB-1016 (Aroclor 1016) [2C]	U	0.25	"				50-150			MRL-6, U
PCB-1242 (Aroclor 1242)	U	0.25	"				50-150			MRL-6, U



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Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 11-0485

Project: 11-0485, Delta Mills Marketing Co. Delta 3 - Reported by Jeannie Williamson

PCB Aroclors (PCBA) - Quality Control

US-EPA, Region 4, SESD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1106079 - E 3580

MRL Verification (1106079-PS2)

Prepared: 06/14/11 Analyzed: 07/13/11

PCB-1242 (Aroclor 1242) [2C]	U	0.25	mg/kg				50-150			MRL-6, U
PCB-1248 (Aroclor 1248)	0.54880	0.25	"	0.50000		110	50-150			MRL-6
PCB-1248 (Aroclor 1248) [2C]	0.53865	0.25	"	0.50000		108	50-150			MRL-6
PCB-1254 (Aroclor 1254)	U	0.25	"				24-175			MRL-6, U
PCB-1254 (Aroclor 1254) [2C]	U	0.25	"				24-175			MRL-6, U
PCB-1260 (Aroclor 1260)	U	0.25	"				24-175			MRL-6, U
PCB-1260 (Aroclor 1260) [2C]	U	0.25	"				24-175			MRL-6, U
PCB-1262 (Aroclor 1262)	U	0.25	"				24-175			MRL-6, U
PCB-1262 (Aroclor 1262) [2C]	U	0.25	"				24-175			MRL-6, U
PCB-1268 (Aroclor 1268)	U	0.25	"				24-175			MRL-6, U
PCB-1268 (Aroclor 1268) [2C]	U	0.25	"				24-175			MRL-6, U

MRL Verification (1106079-PS3)

Prepared: 06/14/11 Analyzed: 07/12/11

EPA 8082

Surrogate: Tetrachloro-meta-xylene	0.469		mg/kg	0.50000		93.9	71-129			
Surrogate: Tetrachloro-meta-xylene [2C]	0.474		"	0.50000		94.7	71-129			
Surrogate: Decachlorobiphenyl (DCB)	1.04		"	1.0000		104	15-154			
Surrogate: Decachlorobiphenyl (DCB) [2C]	1.06		"	1.0000		106	15-154			
PCB-1221 (Aroclor 1221)	U	0.50	"				50-150			MRL-6, U
PCB-1221 (Aroclor 1221) [2C]	U	0.50	"				50-150			MRL-6, U
PCB-1232 (Aroclor 1232)	U	0.25	"				50-150			MRL-6, U
PCB-1232 (Aroclor 1232) [2C]	U	0.25	"				50-150			MRL-6, U
PCB-1016 (Aroclor 1016)	U	0.25	"				50-150			MRL-6, U
PCB-1016 (Aroclor 1016) [2C]	U	0.25	"				50-150			MRL-6, U
PCB-1242 (Aroclor 1242)	U	0.25	"				50-150			MRL-6, U
PCB-1242 (Aroclor 1242) [2C]	U	0.25	"				50-150			MRL-6, U
PCB-1248 (Aroclor 1248)	0.53627	0.25	"	0.50000		107	50-150			MRL-6
PCB-1248 (Aroclor 1248) [2C]	0.53479	0.25	"	0.50000		107	50-150			MRL-6



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PCB Aroclors (PCBA) - Quality Control

US-EPA, Region 4, SESD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1106079 - E 3580

MRL Verification (1106079-PS3)

Prepared: 06/14/11 Analyzed: 07/13/11

PCB-1254 (Aroclor 1254)	U	0.25	mg/kg				24-175			MRL-6, U
PCB-1254 (Aroclor 1254) [2C]	U	0.25	"				24-175			MRL-6, U
PCB-1260 (Aroclor 1260)	U	0.25	"				24-175			MRL-6, U
PCB-1260 (Aroclor 1260) [2C]	U	0.25	"				24-175			MRL-6, U
PCB-1262 (Aroclor 1262)	U	0.25	"				24-175			MRL-6, U
PCB-1262 (Aroclor 1262) [2C]	U	0.25	"				24-175			MRL-6, U
PCB-1268 (Aroclor 1268)	U	0.25	"				24-175			MRL-6, U
PCB-1268 (Aroclor 1268) [2C]	U	0.25	"				24-175			MRL-6, U

MRL Verification (1106079-PS4)

Prepared: 06/14/11 Analyzed: 07/12/11

EPA 8082

Surrogate: Tetrachloro-meta-xylene	0.485		mg/kg	0.50000		96.9	71-129			
Surrogate: Tetrachloro-meta-xylene [2C]	0.491		"	0.50000		98.3	71-129			
Surrogate: Decachlorobiphenyl (DCB)	0.980		"	1.0000		98.0	15-154			
Surrogate: Decachlorobiphenyl (DCB) [2C]	0.985		"	1.0000		98.5	15-154			
PCB-1221 (Aroclor 1221)	U	0.50	"				50-150			MRL-6, U
PCB-1221 (Aroclor 1221) [2C]	U	0.50	"				50-150			MRL-6, U
PCB-1232 (Aroclor 1232)	U	0.25	"				50-150			MRL-6, U
PCB-1232 (Aroclor 1232) [2C]	U	0.25	"				50-150			MRL-6, U
PCB-1016 (Aroclor 1016)	U	0.25	"				50-150			MRL-6, U
PCB-1016 (Aroclor 1016) [2C]	U	0.25	"				50-150			MRL-6, U
PCB-1242 (Aroclor 1242)	U	0.25	"				50-150			MRL-6, U
PCB-1242 (Aroclor 1242) [2C]	U	0.25	"				50-150			MRL-6, U
PCB-1248 (Aroclor 1248)	0.51249	0.25	"	0.50000		102	50-150			MRL-6
PCB-1248 (Aroclor 1248) [2C]	0.53821	0.25	"	0.50000		108	50-150			MRL-6
PCB-1254 (Aroclor 1254)	U	0.25	"				24-175			MRL-6, U
PCB-1254 (Aroclor 1254) [2C]	U	0.25	"				24-175			MRL-6, U



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PCB Aroclors (PCBA) - Quality Control

US-EPA, Region 4, SESD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1106079 - E 3580

MRL Verification (1106079-PS4)

Prepared: 06/14/11 Analyzed: 07/13/11

PCB-1260 (Aroclor 1260)	U	0.25	mg/kg				24-175			MRL-6, U
PCB-1260 (Aroclor 1260) [2C]	U	0.25	"				24-175			MRL-6, U
PCB-1262 (Aroclor 1262)	U	0.25	"				24-175			MRL-6, U
PCB-1262 (Aroclor 1262) [2C]	U	0.25	"				24-175			MRL-6, U
PCB-1268 (Aroclor 1268)	U	0.25	"				24-175			MRL-6, U
PCB-1268 (Aroclor 1268) [2C]	U	0.25	"				24-175			MRL-6, U

MRL Verification (1106079-PS5)

Prepared: 06/14/11 Analyzed: 07/12/11

EPA 8082

Surrogate: Tetrachloro-meta-xylene	0.466		mg/kg	0.50000	93.1	71-129				
Surrogate: Tetrachloro-meta-xylene [2C]	0.471		"	0.50000	94.2	71-129				
Surrogate: Decachlorobiphenyl (DCB)	0.971		"	1.0000	97.1	15-154				
Surrogate: Decachlorobiphenyl (DCB) [2C]	0.982		"	1.0000	98.2	15-154				
PCB-1221 (Aroclor 1221)	U	0.50	"				50-150			MRL-6, U
PCB-1221 (Aroclor 1221) [2C]	U	0.50	"				50-150			MRL-6, U
PCB-1232 (Aroclor 1232)	U	0.25	"				50-150			MRL-6, U
PCB-1232 (Aroclor 1232) [2C]	U	0.25	"				50-150			MRL-6, U
PCB-1016 (Aroclor 1016)	U	0.25	"				50-150			MRL-6, U
PCB-1016 (Aroclor 1016) [2C]	U	0.25	"				50-150			MRL-6, U
PCB-1242 (Aroclor 1242)	U	0.25	"				50-150			MRL-6, U
PCB-1242 (Aroclor 1242) [2C]	U	0.25	"				50-150			MRL-6, U
PCB-1248 (Aroclor 1248)	0.53380	0.25	"	0.50000	107	50-150				MRL-6
PCB-1248 (Aroclor 1248) [2C]	0.52007	0.25	"	0.50000	104	50-150				MRL-6
PCB-1254 (Aroclor 1254)	U	0.25	"				24-175			MRL-6, U
PCB-1254 (Aroclor 1254) [2C]	U	0.25	"				24-175			MRL-6, U
PCB-1260 (Aroclor 1260)	U	0.25	"				24-175			MRL-6, U
PCB-1260 (Aroclor 1260) [2C]	U	0.25	"				24-175			MRL-6, U



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PCB Aroclors (PCBA) - Quality Control

US-EPA, Region 4, SESD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1106079 - E 3580

MRL Verification (1106079-PS5)

Prepared: 06/14/11 Analyzed: 07/13/11

PCB-1262 (Aroclor 1262)	U	0.25	mg/kg				24-175			MRL-6, U
PCB-1262 (Aroclor 1262) [2C]	U	0.25	"				24-175			MRL-6, U
PCB-1268 (Aroclor 1268)	U	0.25	"				24-175			MRL-6, U
PCB-1268 (Aroclor 1268) [2C]	U	0.25	"				24-175			MRL-6, U

MRL Verification (1106079-PS6)

Prepared: 06/14/11 Analyzed: 07/13/11

EPA 8082

Surrogate: Tetrachloro-meta-xylene	0.463		mg/kg	0.50000		92.6	71-129			
Surrogate: Tetrachloro-meta-xylene [2C]	0.466		"	0.50000		93.2	71-129			
Surrogate: Decachlorobiphenyl (DCB)	0.989		"	1.0000		98.9	15-154			
Surrogate: Decachlorobiphenyl (DCB) [2C]	0.996		"	1.0000		99.6	15-154			
PCB-1221 (Aroclor 1221)	U	0.50	"				50-150			MRL-6, U
PCB-1221 (Aroclor 1221) [2C]	U	0.50	"				50-150			MRL-6, U
PCB-1232 (Aroclor 1232)	U	0.25	"				50-150			MRL-6, U
PCB-1232 (Aroclor 1232) [2C]	U	0.25	"				50-150			MRL-6, U
PCB-1016 (Aroclor 1016)	U	0.25	"				50-150			MRL-6, U
PCB-1016 (Aroclor 1016) [2C]	U	0.25	"				50-150			MRL-6, U
PCB-1242 (Aroclor 1242)	U	0.25	"				50-150			MRL-6, U
PCB-1242 (Aroclor 1242) [2C]	U	0.25	"				50-150			MRL-6, U
PCB-1248 (Aroclor 1248)	0.54179	0.25	"	0.50000		108	50-150			MRL-6
PCB-1248 (Aroclor 1248) [2C]	0.53360	0.25	"	0.50000		107	50-150			MRL-6
PCB-1254 (Aroclor 1254)	U	0.25	"				24-175			MRL-6, U
PCB-1254 (Aroclor 1254) [2C]	U	0.25	"				24-175			MRL-6, U
PCB-1260 (Aroclor 1260)	U	0.25	"				24-175			MRL-6, U
PCB-1260 (Aroclor 1260) [2C]	U	0.25	"				24-175			MRL-6, U
PCB-1262 (Aroclor 1262)	U	0.25	"				24-175			MRL-6, U
PCB-1262 (Aroclor 1262) [2C]	U	0.25	"				24-175			MRL-6, U



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PCB Aroclors (PCBA) - Quality Control

US-EPA, Region 4, SESD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1106079 - E 3580

MRL Verification (1106079-PS6)

Prepared: 06/14/11 Analyzed: 07/13/11

PCB-1268 (Aroclor 1268)	U	0.25	mg/kg				24-175			MRL-6, U
PCB-1268 (Aroclor 1268) [2C]	U	0.25	"				24-175			MRL-6, U

MRL Verification (1106079-PS7)

Prepared: 06/14/11 Analyzed: 07/13/11

EPA 8082

Surrogate: Tetrachloro-meta-xylene	0.465		mg/kg	0.50000		93.0	71-129			
Surrogate: Tetrachloro-meta-xylene [2C]	0.468		"	0.50000		93.6	71-129			
Surrogate: Decachlorobiphenyl (DCB)	1.01		"	1.0000		101	15-154			
Surrogate: Decachlorobiphenyl (DCB) [2C]	1.02		"	1.0000		102	15-154			
PCB-1221 (Aroclor 1221)	U	0.50	"				50-150			MRL-6, U
PCB-1221 (Aroclor 1221) [2C]	U	0.50	"				50-150			MRL-6, U
PCB-1232 (Aroclor 1232)	U	0.25	"				50-150			MRL-6, U
PCB-1232 (Aroclor 1232) [2C]	U	0.25	"				50-150			MRL-6, U
PCB-1016 (Aroclor 1016)	U	0.25	"				50-150			MRL-6, U
PCB-1016 (Aroclor 1016) [2C]	U	0.25	"				50-150			MRL-6, U
PCB-1242 (Aroclor 1242)	U	0.25	"				50-150			MRL-6, U
PCB-1242 (Aroclor 1242) [2C]	U	0.25	"				50-150			MRL-6, U
PCB-1248 (Aroclor 1248)	0.52591	0.25	"	0.50000		105	50-150			MRL-6
PCB-1248 (Aroclor 1248) [2C]	0.53086	0.25	"	0.50000		106	50-150			MRL-6
PCB-1254 (Aroclor 1254)	U	0.25	"				24-175			MRL-6, U
PCB-1254 (Aroclor 1254) [2C]	U	0.25	"				24-175			MRL-6, U
PCB-1260 (Aroclor 1260)	U	0.25	"				24-175			MRL-6, U
PCB-1260 (Aroclor 1260) [2C]	U	0.25	"				24-175			MRL-6, U
PCB-1262 (Aroclor 1262)	U	0.25	"				24-175			MRL-6, U
PCB-1262 (Aroclor 1262) [2C]	U	0.25	"				24-175			MRL-6, U
PCB-1268 (Aroclor 1268)	U	0.25	"				24-175			MRL-6, U
PCB-1268 (Aroclor 1268) [2C]	U	0.25	"				24-175			MRL-6, U



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PCB Aroclors (PCBA) - Quality Control

US-EPA, Region 4, SESD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1106079 - E 3580

MRL Verification (1106079-PS7)

Prepared: 06/14/11 Analyzed: 07/13/11

MRL Verification (1106079-PS8)

Prepared: 06/14/11 Analyzed: 07/13/11

EPA 8082

Surrogate: Tetrachloro-meta-xylene	0.460		mg/kg	0.50000		92.0	71-129			
Surrogate: Tetrachloro-meta-xylene [2C]	0.463		"	0.50000		92.7	71-129			
Surrogate: Decachlorobiphenyl (DCB)	0.988		"	1.0000		98.8	15-154			
Surrogate: Decachlorobiphenyl (DCB) [2C]	0.995		"	1.0000		99.5	15-154			
PCB-1221 (Aroclor 1221)	U	0.50	"				50-150			MRL-6, U
PCB-1221 (Aroclor 1221) [2C]	U	0.50	"				50-150			MRL-6, U
PCB-1232 (Aroclor 1232)	U	0.25	"				50-150			MRL-6, U
PCB-1232 (Aroclor 1232) [2C]	U	0.25	"				50-150			MRL-6, U
PCB-1016 (Aroclor 1016)	U	0.25	"				50-150			MRL-6, U
PCB-1016 (Aroclor 1016) [2C]	U	0.25	"				50-150			MRL-6, U
PCB-1242 (Aroclor 1242)	U	0.25	"				50-150			MRL-6, U
PCB-1242 (Aroclor 1242) [2C]	U	0.25	"				50-150			MRL-6, U
PCB-1248 (Aroclor 1248)	0.52871	0.25	"	0.50000		106	50-150			MRL-6
PCB-1248 (Aroclor 1248) [2C]	0.53094	0.25	"	0.50000		106	50-150			MRL-6
PCB-1254 (Aroclor 1254)	U	0.25	"				24-175			MRL-6, U
PCB-1254 (Aroclor 1254) [2C]	U	0.25	"				24-175			MRL-6, U
PCB-1260 (Aroclor 1260)	U	0.25	"				24-175			MRL-6, U
PCB-1260 (Aroclor 1260) [2C]	U	0.25	"				24-175			MRL-6, U
PCB-1262 (Aroclor 1262)	U	0.25	"				24-175			MRL-6, U
PCB-1262 (Aroclor 1262) [2C]	U	0.25	"				24-175			MRL-6, U
PCB-1268 (Aroclor 1268)	U	0.25	"				24-175			MRL-6, U
PCB-1268 (Aroclor 1268) [2C]	U	0.25	"				24-175			MRL-6, U

Batch 1106085 - E 3545A Modified

Blank (1106085-BLK1)

Prepared: 06/15/11 Analyzed: 07/07/11



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PCB Aroclors (PCBA) - Quality Control

US-EPA, Region 4, SESD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1106085 - E 3545A Modified

Blank (1106085-BLK1)

Prepared: 06/15/11 Analyzed: 07/07/11

EPA 8082

Surrogate: Tetrachloro-meta-xylene	12.7		ug/kg dry	16.644		76.1	20.6-118			
Surrogate: Tetrachloro-meta-xylene [2C]	12.9		"	16.644		77.2	20.6-118			
Surrogate: Decachlorobiphenyl (DCB)	30.1		"	33.289		90.5	23.5-156			
Surrogate: Decachlorobiphenyl (DCB) [2C]	30.4		"	33.289		91.2	23.5-156			
PCB-1221 (Aroclor 1221)	U	17	"							U
PCB-1221 (Aroclor 1221) [2C]	U	17	"							U
PCB-1232 (Aroclor 1232)	U	8.3	"							U
PCB-1232 (Aroclor 1232) [2C]	U	8.3	"							U
PCB-1016 (Aroclor 1016)	U	8.3	"							B-3, U
PCB-1016 (Aroclor 1016) [2C]	U	8.3	"							U
PCB-1242 (Aroclor 1242)	U	8.3	"							U
PCB-1242 (Aroclor 1242) [2C]	U	8.3	"							U
PCB-1248 (Aroclor 1248)	U	8.3	"							U
PCB-1248 (Aroclor 1248) [2C]	U	8.3	"							U
PCB-1254 (Aroclor 1254)	U	8.3	"							U
PCB-1254 (Aroclor 1254) [2C]	U	8.3	"							U
PCB-1260 (Aroclor 1260)	U	8.3	"							U
PCB-1260 (Aroclor 1260) [2C]	U	8.3	"							U
PCB-1262 (Aroclor 1262)	U	8.3	"							U
PCB-1262 (Aroclor 1262) [2C]	U	8.3	"							U
PCB-1268 (Aroclor 1268)	U	8.3	"							U
PCB-1268 (Aroclor 1268) [2C]	U	8.3	"							U

LCS (1106085-BS1)

Prepared: 06/15/11 Analyzed: 07/07/11

EPA 8082

Surrogate: Tetrachloro-meta-xylene	13.0		ug/kg dry	16.617		78.1	20.6-118			
Surrogate: Tetrachloro-meta-xylene [2C]	13.2		"	16.617		79.5	20.6-118			
Surrogate: Decachlorobiphenyl (DCB)	30.9		"	33.234		93.0	23.5-156			
Surrogate: Decachlorobiphenyl (DCB) [2C]	31.3		"	33.234		94.3	23.5-156			
PCB-1221 (Aroclor 1221)	U	83	"				46.6-138			U
PCB-1221 (Aroclor 1221) [2C]	U	83	"				46.6-138			U
PCB-1232 (Aroclor 1232)	U	42	"				46.6-138			U
PCB-1232 (Aroclor 1232) [2C]	U	42	"				46.6-138			U
PCB-1016 (Aroclor 1016)	U	42	"				46.6-138			U
PCB-1016 (Aroclor 1016) [2C]	U	42	"				46.6-138			U
PCB-1242 (Aroclor 1242)	U	42	"				46.6-138			U
PCB-1242 (Aroclor 1242) [2C]	U	42	"				46.6-138			U



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 11-0485

Project: 11-0485, Delta Mills Marketing Co. Delta 3 - Reported by Jeannie Williamson

PCB Aroclors (PCBA) - Quality Control

US-EPA, Region 4, SESD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1106085 - E 3545A Modified

LCS (1106085-BS1)

Prepared: 06/15/11 Analyzed: 07/07/11

PCB-1248 (Aroclor 1248)	142.51	42	ug/kg dry	166.17		85.8	46.6-138			
PCB-1248 (Aroclor 1248) [2C]	145.97	42	"	166.17		87.8	46.6-138			
PCB-1254 (Aroclor 1254)	U	42	"				52-134			U
PCB-1254 (Aroclor 1254) [2C]	U	42	"				52-134			U
PCB-1260 (Aroclor 1260)	U	42	"				52-134			U
PCB-1260 (Aroclor 1260) [2C]	U	42	"				52-134			U
PCB-1262 (Aroclor 1262)	U	42	"				52-134			U
PCB-1262 (Aroclor 1262) [2C]	U	42	"				52-134			U
PCB-1268 (Aroclor 1268)	U	42	"				52-134			U
PCB-1268 (Aroclor 1268) [2C]	U	42	"				52-134			U

Matrix Spike (1106085-MS1)

Source: E112502-07

Prepared: 06/15/11 Analyzed: 07/07/11

EPA 8082

Surrogate: Tetrachloro-meta-xylene	18.6		ug/kg dry	22.748		81.7	20.6-118			
Surrogate: Tetrachloro-meta-xylene [2C]	18.7		"	22.748		82.3	20.6-118			
Surrogate: Decachlorobiphenyl (DCB)	38.3		"	45.496		84.2	23.5-156			
Surrogate: Decachlorobiphenyl (DCB) [2C]	42.3		"	45.496		93.1	23.5-156			
PCB-1221 (Aroclor 1221)	U	110	"		U		25.5-136			U
PCB-1221 (Aroclor 1221) [2C]	U	110	"		U		25.5-136			U
PCB-1232 (Aroclor 1232)	U	57	"		U		25.5-136			U
PCB-1232 (Aroclor 1232) [2C]	U	57	"		U		25.5-136			U
PCB-1016 (Aroclor 1016)	U	57	"		U		25.5-136			U
PCB-1016 (Aroclor 1016) [2C]	U	57	"		U		25.5-136			U
PCB-1242 (Aroclor 1242)	U	57	"		U		25.5-136			U
PCB-1242 (Aroclor 1242) [2C]	U	57	"		U		25.5-136			U
PCB-1248 (Aroclor 1248)	247.64	57	"	227.48	U	109	25.5-136			
PCB-1248 (Aroclor 1248) [2C]	222.21	57	"	227.48	U	97.7	25.5-136			
PCB-1254 (Aroclor 1254)	U	57	"		U		16.1-145			U
PCB-1254 (Aroclor 1254) [2C]	U	57	"		U		16.1-145			U
PCB-1260 (Aroclor 1260)	U	57	"		56.603		16.1-145			U
PCB-1260 (Aroclor 1260) [2C]	U	57	"		52.091		16.1-145			U
PCB-1262 (Aroclor 1262)	U	57	"		U		16.1-145			U
PCB-1262 (Aroclor 1262) [2C]	U	57	"		U		16.1-145			U
PCB-1268 (Aroclor 1268)	U	57	"		U		16.1-145			U
PCB-1268 (Aroclor 1268) [2C]	U	57	"		U		16.1-145			U



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PCB Aroclors (PCBA) - Quality Control

US-EPA, Region 4, SED

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1106085 - E 3545A Modified

Matrix Spike Dup (1106085-MSD1)

Source: E112502-07

Prepared: 06/15/11 Analyzed: 07/07/11

EPA 8082

Surrogate: Tetrachloro-meta-xylene	18.5		ug/kg dry	22.758		81.2	20.6-118			
Surrogate: Tetrachloro-meta-xylene [2C]	18.3		"	22.758		80.5	20.6-118			
Surrogate: Decachlorobiphenyl (DCB)	36.1		"	45.517		79.3	23.5-156			
Surrogate: Decachlorobiphenyl (DCB) [2C]	39.8		"	45.517		87.5	23.5-156			
PCB-1221 (Aroclor 1221)	U	110	"		U		25.5-136		36.4	U
PCB-1221 (Aroclor 1221) [2C]	U	110	"		U		25.5-136		36.4	U
PCB-1232 (Aroclor 1232)	U	57	"		U		25.5-136		36.4	U
PCB-1232 (Aroclor 1232) [2C]	U	57	"		U		25.5-136		36.4	U
PCB-1016 (Aroclor 1016)	U	57	"		U		25.5-136		36.4	U
PCB-1016 (Aroclor 1016) [2C]	U	57	"		U		25.5-136		36.4	U
PCB-1242 (Aroclor 1242)	U	57	"		U		25.5-136		36.4	U
PCB-1242 (Aroclor 1242) [2C]	U	57	"		U		25.5-136		36.4	U
PCB-1248 (Aroclor 1248)	243.00	57	"	227.58	U	107	25.5-136	1.94	36.4	
PCB-1248 (Aroclor 1248) [2C]	223.68	57	"	227.58	U	98.3	25.5-136	0.612	36.4	
PCB-1254 (Aroclor 1254)	U	57	"		U		16.1-145		34.4	U
PCB-1254 (Aroclor 1254) [2C]	U	57	"		U		16.1-145		34.4	U
PCB-1260 (Aroclor 1260)	U	57	"		56.603		16.1-145		34.4	U
PCB-1260 (Aroclor 1260) [2C]	U	57	"		52.091		16.1-145		34.4	U
PCB-1262 (Aroclor 1262)	U	57	"		U		16.1-145		34.4	U
PCB-1262 (Aroclor 1262) [2C]	U	57	"		U		16.1-145		34.4	U
PCB-1268 (Aroclor 1268)	U	57	"		U		16.1-145		34.4	U
PCB-1268 (Aroclor 1268) [2C]	U	57	"		U		16.1-145		34.4	U

MRL Verification (1106085-PS1)

Prepared: 06/15/11 Analyzed: 07/07/11

EPA 8082

Surrogate: Tetrachloro-meta-xylene	12.6		ug/kg dry	16.706		75.2	20.6-118			
Surrogate: Tetrachloro-meta-xylene [2C]	12.8		"	16.706		76.7	20.6-118			
Surrogate: Decachlorobiphenyl (DCB)	30.1		"	33.411		90.2	23.5-156			
Surrogate: Decachlorobiphenyl (DCB) [2C]	30.6		"	33.411		91.5	23.5-156			
PCB-1221 (Aroclor 1221)	U	17	"				26.6-158			MRL-3, U
PCB-1221 (Aroclor 1221) [2C]	U	17	"				26.6-158			MRL-3, U
PCB-1232 (Aroclor 1232)	U	8.4	"				26.6-158			MRL-3, U
PCB-1232 (Aroclor 1232) [2C]	U	8.4	"				26.6-158			MRL-3, U
PCB-1016 (Aroclor 1016)	U	8.4	"				26.6-158			MRL-3, U



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PCB Aroclors (PCBA) - Quality Control

US-EPA, Region 4, SEDS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1106085 - E 3545A Modified

MRL Verification (1106085-PS1)

Prepared: 06/15/11 Analyzed: 07/07/11

PCB-1016 (Aroclor 1016) [2C]	U	8.4	ug/kg dry				26.6-158			MRL-3, U
PCB-1242 (Aroclor 1242)	U	8.4	"				26.6-158			MRL-3, U
PCB-1242 (Aroclor 1242) [2C]	U	8.4	"				26.6-158			MRL-3, U
PCB-1248 (Aroclor 1248)	5.5717	8.4	"	8.3528		66.7	26.6-158			MRL-3, U
PCB-1248 (Aroclor 1248) [2C]	5.9409	8.4	"	8.3528		71.1	26.6-158			MRL-3, U
PCB-1254 (Aroclor 1254)	U	8.4	"				32-154			MRL-3, U
PCB-1254 (Aroclor 1254) [2C]	U	8.4	"				32-154			MRL-3, U
PCB-1260 (Aroclor 1260)	U	8.4	"				32-154			MRL-3, U
PCB-1260 (Aroclor 1260) [2C]	U	8.4	"				32-154			MRL-3, U
PCB-1262 (Aroclor 1262)	U	8.4	"				32-154			MRL-3, U
PCB-1262 (Aroclor 1262) [2C]	U	8.4	"				32-154			MRL-3, U
PCB-1268 (Aroclor 1268)	U	8.4	"				32-154			MRL-3, U
PCB-1268 (Aroclor 1268) [2C]	U	8.4	"				32-154			MRL-3, U



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Notes and Definitions for QC Samples

U	The analyte was not detected at or above the reporting limit.
B-3	Level in blank does not impact data quality
MRL-3	MRL verification for Soil matrix
MRL-6	MRL verification for Waste matrix

END OF REPORT