

42 CES/CEV  
Project Review – Proposed for Demolition  
Bldg. 811 Gunter (Commissary) – Environmental Summary  
Asbestos, Lead-Based Paint, Chlordane and Universal Waste

**Revised May 21, 2010**

CEV has reviewed the database survey information performed by others in 1992. We also visited the site on February 2, 2010, and April 11, 2010, to locate and assess the asbestos-containing materials noted in the survey as well as to identify any additional suspect materials. CEV collected some random confirmation samples of selected materials during the site visit. The following is a list of materials that are assumed positive or have been analyzed as positive.

Black Duct Joint Mastic (throughout facility – all ducting in original bldg) Approx. 700 linear feet	20% Chrysotile
12” floor tile (white with gray mottles) (throughout front half of facility – main store area) Black mastic Approx. 20,000 ft <sup>2</sup>	5% Chrysotile 10% Chrysotile
12” floor tile and mastic (office and bathroom areas – original warehouse area) Approx. 380 ft <sup>2</sup>	3% Chrysotile
12” floor tile (white with brown streaks) (throughout main office areas – some under carpet and some under another 12” light gray floor tile) Black Mastic Approx. 1,300 ft <sup>2</sup>	8% Chrysotile 5% Chrysotile
Cementitious Boards/Panels (located along storage room walls between the old and new warehouses) Approx. 575 ft <sup>2</sup>	15% Chrysotile
Cementitious “Transite” Siding (located along the wall that divides the old and new warehouses) Approx. 315 ft <sup>2</sup> Note: Some siding may be located behind storage room wall that could not be observed. See site plan that has been attached.	Assumed Positive
Cementitious “Transite” Board/Panels (located in outside electrical control room) Approx. 60ft <sup>2</sup>	Assumed Positive
Window Glazing/caulking Windows were replaced in 1990s	Non-Asbestos
Roof Decking (built-up flat roof) Original Warehouse	Non-Asbestos

The following asbestos materials were listed in the previous survey, but were not observed during the site visit. It appears that these materials may have been removed since the 1992 survey during replacement or upgrading activities.

Vibration Dampers

Pipe Wrap Mastic

Friability is used to categorize asbestos-containing materials within NESHAPS regulations. A friable material is one that when dry may be crumbled, pulverized or reduced to powder by hand pressure. Under NESHAPS, a friable asbestos containing material must always be abated prior to demolition activities. The materials identified in the confirmation site visits are considered Category I non-friable or Category II non-friable.

The Category I non-friable materials summarized in this report are the vinyl floor tiles, and mastics. These materials if in good condition can be left in the building during demolition activities and can be disposed of as general construction waste. The demolition contractor needs to use wet demolition methods at all times, while these materials are being impacted. The waste haulers and landfills need to be checked if they can receive such waste.

**The cementitious “transite” boards and siding are considered Category II, non-friable materials. These materials have a high probability of becoming crumbled, pulverized or reduced to a powder during demolition activities. These materials must be removed prior to any demolition activities and disposed of separately from the demolition waste.**

We recommend that the A/E firm for this project perform some “value engineering” to determine if removing all the Category I, non-friable asbestos materials prior to demolition, can be beneficial to the project. It must be noted that any concrete that contains positive black mastic will have to be disposed in a landfill and not recycled, if left in place. The black mastic on the duct joints can be easily removed by an abatement contractor in order to access all available steel components (sheet metals) for recycling. The approximate quantities given in this report may be used for estimates and removal costs, but not for final bidding purposes. A site plan has been attached showing the locations of the asbestos-containing materials, for reference.

### **Lead-Based Paint**

We are assuming that lead-based paint may be on the outside and/or inside the facility. However, lead-based paint typically is not a major issue as part of a major demolition project, when it comes to disposal issues. CEV has not performed any additional testing addressing this issue. The contractor must maintain wet demolition activities at all times during demolition and waste hauling activities.

### **Universal Waste**

Subject: Fluorescent, High Intensity Discharge (HID), Mercury Vapor Lamps, and Compact Fluorescent Lamps (CFL's), Ballasts.

1. All used fluorescent, high intensity discharge, mercury vapor lamps, and compact fluorescent lamps **MUST NOT** be discarded into the municipal trash containers and/or construction waste dumpsters. The lamps will be managed using the following procedures for collection and disposal. All lamps shall be properly containerized and marked. CEV can help provide information on where boxes for the lamps can be purchased.

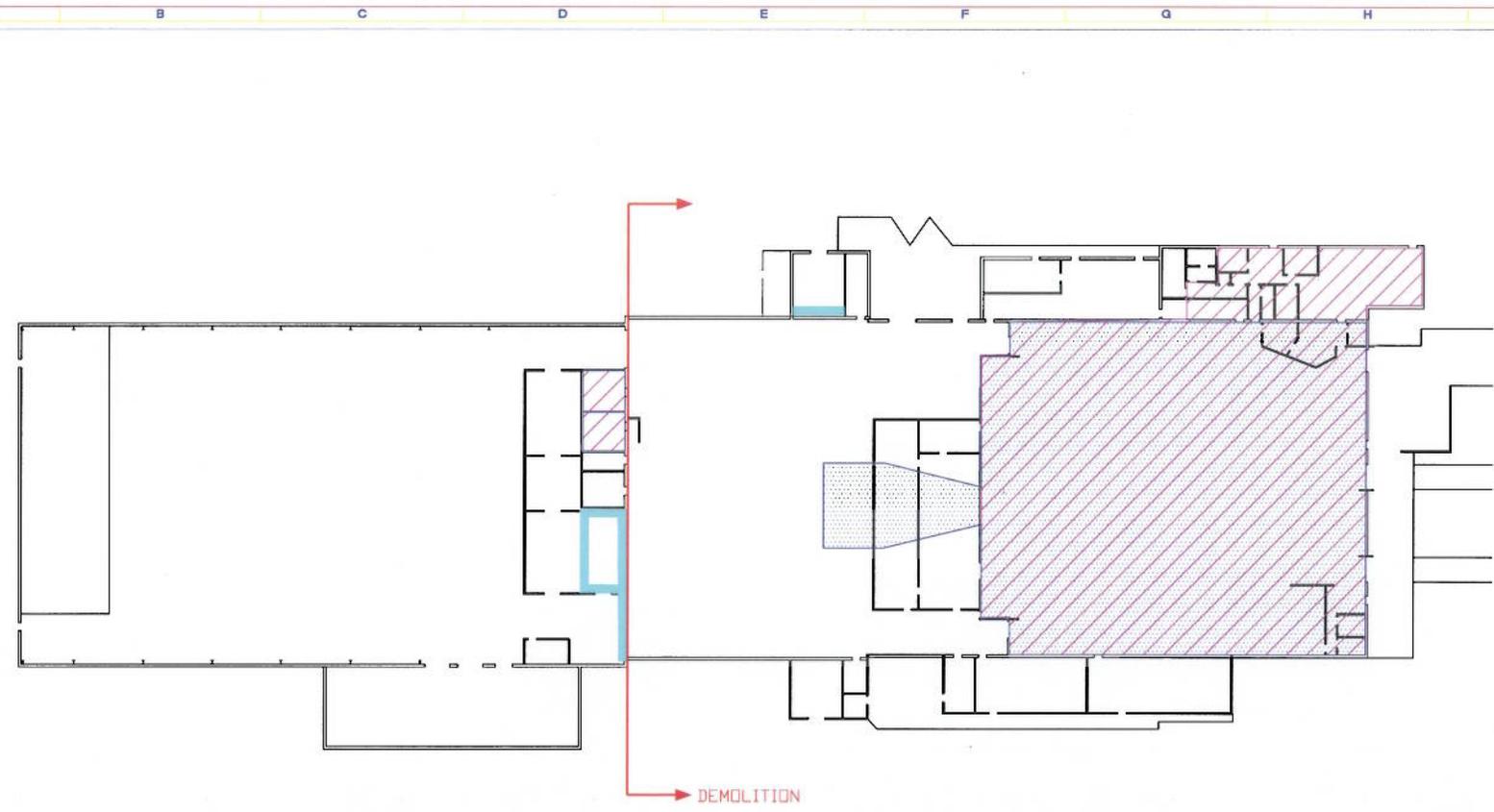
- A. Under Alabama law, it is **MANDATORY** that you write the **DATE** and the words **“UNIVERSAL WASTE, USED LAMPS”** on the box when you put the **FIRST USED LAMP** in the box. During the collection of used lamps, the box must be sealed when not in use. When collecting Used Lamps the period of time from the date the first bulb was put into the box until the current date should not exceed **NINE MONTHS**. At that time, the sealed box is to be handled in a manner as to prevent breakage and turned in to the base hazardous waste manager at Maxwell Bldg. 1060. Prior to delivering the used lamps, call Base Environmental at extension 953-3954 or 953-1109 to arrange delivery.
- B. The law also requires that broken lamps must be cleaned up immediately and placed in a box. The box must be closed once the broken lamps are placed inside. The moment the lamp is broken it becomes a Hazardous Waste. Immediately notify CES/CEV.
- C. All ballasts shall be checked for PCB labeling before disposal. Ballasts must be clearly marked with labels that state No PCBs before disposing as a solid waste. If a ballast is not labeled or states it contains PCBs, then these ballasts shall be collected and CES/CEV must be contacted for pick up and disposal.

### **Chlordane**

CEV has performed a preliminary investigation for the presence of chlordane at the Gunter Commissary. We collected a total of eleven soil samples at six test locations. The samples were primarily collected along the perimeter wall with one sample being sampled under the slab from inside the facility. The samples along the perimeter indicated readings that range from undetected to 3100 ppb. The one sample soil sample collected from under the slab was undetected. It is the responsibility of the contractor to perform any additional assessments and/or required sampling to delineate the contaminated area and to provide a proposed plan that addresses soil excavation activities, slab removal and waste disposal. All work must follow State and Federal Regulations for chlordane contaminated soils. We have attached a field report which contains a site sketch for reference. The laboratory test results have also been attached.

Please feel free to contact this office if you have any questions concerning this report.

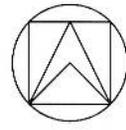
Trent Hill – Asbestos, Lead-Based Paint, Chlordane POC	953-3954
Jared Kennington – Hazardous Waste, Universal Waste, Chlordane POC	953-1109
Jeff Jones – Environmental, Safety and Health Department (ESH) Manager	953-5757



**LEGEND**

ASBESTOS CONTAINING MATERIALS

- WALL PANELS / SIDING
- AREA WITH BLACK DUCT MASTIC (ABOVE CEILING)
- AREA WITH FLOOR TILE & BLACK MASTIC


BLDG 811



No.	Description	Date	Approved

Date: **21 MAY 2020**  
 Drawn By: \_\_\_\_\_  
 Checked By: \_\_\_\_\_  
 Approved By: \_\_\_\_\_  
 Project ID: **XXXX**

CONST STORAGE BLDG  
 MAXWELL, AL  
 PHS ID: XXXX

Sheet Reference Number:  
**SHEET 012**

**42 CES/CEV  
Maxwell/Gunter AFB  
Daily Field Report**

**Project/Site Name:** Building 811 - Gunter Commissary

**ITT Representative:** Trent Hill & Jared Kennington

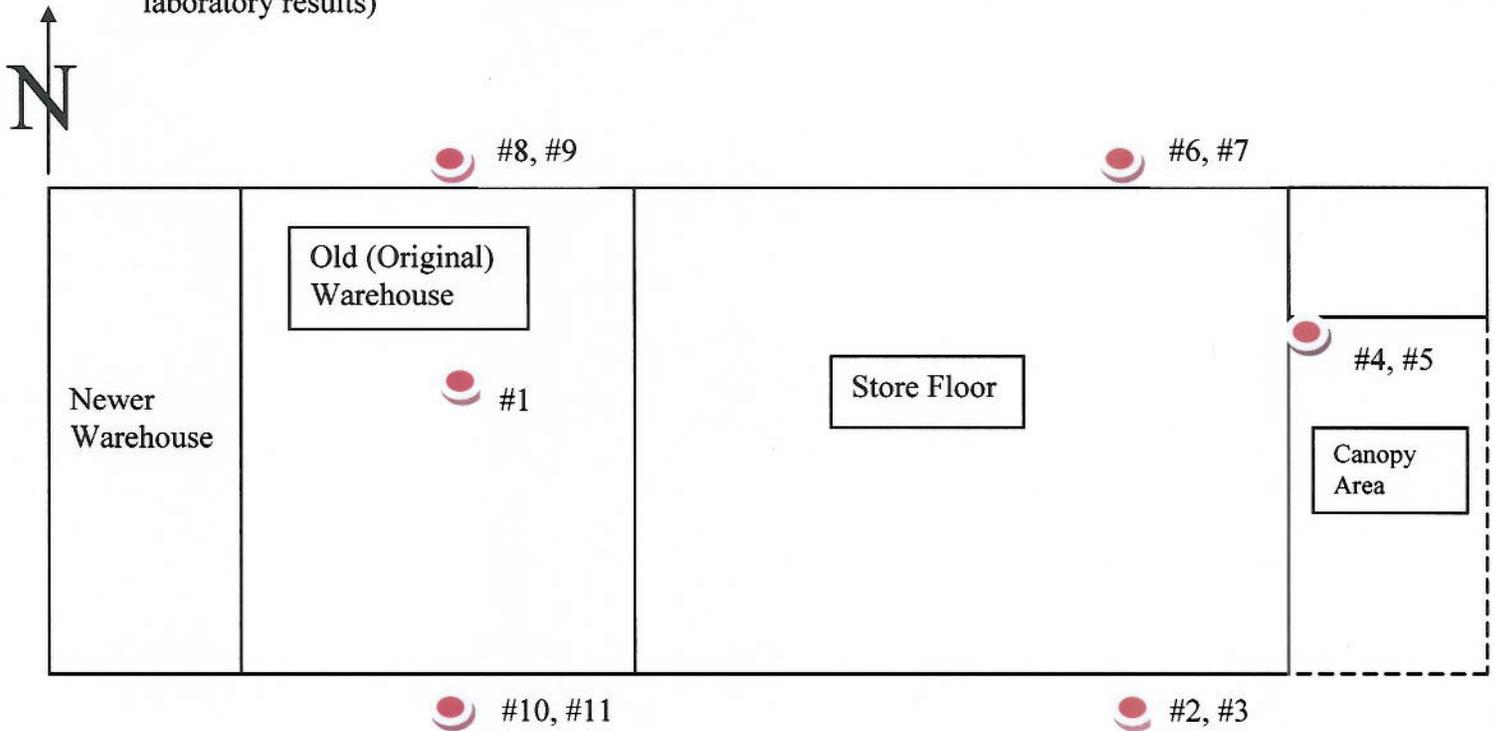
**Scope of Work:** Soil Sampling – Chlordane Analysis

**Date:** May 11, 2010

Notes:

8:00 am

CEV was on site to collect representative soil samples for chlordane analysis. This sampling activity was performed to address environmental issues associated with the proposed demolition of the existing commissary. CEV collected (1) sample from under the slab inside the warehouse floor area (non-detect) and (10) samples (elevated amounts) at five locations along the perimeter of the bldg. See below diagram. The samples were preserved on ice and forwarded to EMSL for analysis. (See attached laboratory results)



Grab Sample Depths:

Samples #1, #2, #4, #6, #8, #10

Samples #3, #5, #7, #9, #11

0" – 6"

6" – 12"

Drawing not to Scale for Reference Only.

# EMSL Analytical, Inc.

<http://www.emsl.com>

3 Cooper St.  
Westmont, NJ 08108  
Phone: (856) 858-4800  
Fax: (856) 858-4571

Attn: **Trent Hill**  
**ITT Corporation**  
**400 Cannon Street Bldg 1060**  
**Maxwell AFB**  
**Montgomery, AL 36112**

5/20/2010

Phone: (334) 953-3954  
Fax: (334) 953-4333

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 5/13/2010. The results are tabulated on the attached data pages for the following client designated project:

The reference number for these samples is EMSL Order #011002071. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 858-4800.

Reviewed and Approved By:



Julie Smith - Laboratory Director or other approved  
signatory



The test results contained within this report meet the requirements of NELAC and/or the specific certification program that is applicable, unless otherwise noted.  
NJ-NELAP Accredited: 04653

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	01
Lab Name:	EMSL Analytical	Project:	
EMSL Sample ID:	011002071-0001	Sample Matrix:	Soils
Lab File ID:	D15676.D	Sampling Date:	5/11/10
Instrument ID:	D	Date Extracted:	5/18/10
Analyst:	TL	Analysis Date:	5/19/10 10:37:00 PM
GC Column:	CLPest I (0.32 mm)	Sample wt/vol:	30.08 G
GC Column 2:	CLPest II (0.32 mm)	Dilution Factor:	1
% Moisture:	9	Concentrated Extract Vol:	10 (mL)
PH:	1	Injection Volume:	1 (ul)
GPC Cleanup(Y/N):	N	Sulfur Cleanup:	N
Extraction Type:	3550B		
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
319-84-6	alpha-BHC	1.8		U
58-89-9	gamma-BHC	1.8		U
319-85-7	beta-BHC	1.8		U
319-86-8	delta-BHC	1.8		U
76-44-8	Heptachlor	1.8		U
309-00-2	Aldrin	1.8		U
465-73-6	Isodrin	1.8		U
1024-57-3	Heptachlor Epoxide	1.8		U
5103-74-2	gamma-Chlordane	1.8		U
5103-71-9	alpha-Chlordane	1.8		U
72-55-9	4,4'-DDE	1.8	2.1	P
959-98-8	Endosulfan I	1.8		U
60-57-1	Dieldrin	1.8		U
72-20-8	Endrin	1.8		U
72-54-8	4,4'-DDD	1.8		U
33213-65-9	Endosulfan II	1.8		U
50-29-3	4,4'-DDT	37		UD1
7421-36-3	Endrin Aldehyde	1.8	4.5	P
72-43-5	Methoxychlor	37		UD1
2385-85-5	Mirex	1.8		U
1031-07-8	Endosulfan Sulfate	1.8		U
53494-70-5	Endrin Ketone	1.8		U
8001-35-2	Toxaphene	18		U
57-74-9	Chlordane (n.o.s.)	18		U

**EMSL Analytical Inc.**

**PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET**

		<b>Customer Sample#:</b>	<b>01</b>
<b>Lab Name:</b>	EMSL Analytical		
<b>EMSL Sample ID:</b>	011002071-0001	<b>Project:</b>	
<b>Lab File ID:</b>	D15676.D	<b>Sample Matrix:</b>	Soils
<b>Instrument ID:</b>	D	<b>Sampling Date:</b>	5/11/10
<b>Analyst:</b>	TL	<b>Date Extracted:</b>	5/18/10
<b>GC Column:</b>	CLPest I (0.32 mm)	<b>Analysis Date:</b>	5/19/10 10:37:00 PM
<b>GC Column 2:</b>	CLPest II (0.32 mm)	<b>Sample wt/vol:</b>	30.08 G
<b>% Moisture:</b>	9	<b>Dilution Factor:</b>	1
<b>PH:</b>	1	<b>Concentrated Extract Vol:</b>	10 (mL)
<b>GPC Cleanup(Y/N):</b>	N	<b>Injection Volume:</b>	1 (ul)
<b>Extraction Type:</b>	3550B	<b>Sulfur Cleanup:</b>	N
<b>Method:</b>	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
<b>Qualifier Definitions</b> U = Undetected B = Compound detected in method blank E = Estimated value D = Dilution P = Results between the two columns differ >40% D1= Primary Column: G17442.D (Analysis Time: 05/19/10 08:47:00 , Dil. Factor= 20) Confirm Column: G17442.D (Analysis Time: 05/19/10 08:47:00)				

**EMSL Analytical Inc.**

**PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET**

		<b>Customer Sample#:</b>	<b>02</b>
<b>Lab Name:</b>	EMSL Analytical	<b>Project:</b>	
<b>EMSL Sample ID:</b>	011002071-0002	<b>Sample Matrix:</b>	Soils
<b>Lab File ID:</b>	D15677.D	<b>Sampling Date:</b>	5/11/10
<b>Instrument ID:</b>	D	<b>Date Extracted:</b>	5/18/10
<b>Analyst:</b>	TL	<b>Analysis Date:</b>	5/19/10 10:57:00 PM
<b>GC Column:</b>	CLPest I (0.32 mm)	<b>Sample wt/vol:</b>	30.12 G
<b>GC Column 2:</b>	CLPest II (0.32 mm)	<b>Dilution Factor:</b>	1
<b>% Moisture:</b>	12	<b>Concentrated Extract Vol:</b>	10 (mL)
<b>PH:</b>	1	<b>Injection Volume:</b>	1 (ul)
<b>GPC Cleanup(Y/N):</b>	N	<b>Sulfur Cleanup:</b>	N
<b>Extraction Type:</b>	3550B		
<b>Method:</b>	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
319-84-6	alpha-BHC	1.9		U
58-89-9	gamma-BHC	1.9		U
319-85-7	beta-BHC	1.9		U
319-86-8	delta-BHC	1.9		U
76-44-8	Heptachlor	1.9		U
309-00-2	Aldrin	1.9		U
465-73-6	Isodrin	1.9		U
1024-57-3	Heptachlor Epoxide	1.9		U
5103-74-2	gamma-Chlordane	1.9	2.8	
5103-71-9	alpha-Chlordane	1.9	2.8	P
72-55-9	4,4'-DDE	1.9	2.7	P
959-98-8	Endosulfan I	1.9		U
60-57-1	Dieldrin	1.9	5.9	
72-20-8	Endrin	1.9		U
72-54-8	4,4'-DDD	1.9	5.6	B
33213-65-9	Endosulfan II	1.9		U
50-29-3	4,4'-DDT	38		UD1
7421-36-3	Endrin Aldehyde	1.9		U
72-43-5	Methoxychlor	38		UD1
2385-85-5	Mirex	1.9		U
1031-07-8	Endosulfan Sulfate	1.9		U
53494-70-5	Endrin Ketone	1.9		U
8001-35-2	Toxaphene	19		U
57-74-9	Chlordane (n.o.s.)	19		U

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	02
Lab Name:	EMSL Analytical		
EMSL Sample ID:	011002071-0002	Project:	
Lab File ID:	D15677.D	Sample Matrix:	Soils
Instrument ID:	D	Sampling Date:	5/11/10
Analyst:	TL	Date Extracted:	5/18/10
GC Column:	CLPest I (0.32 mm)	Analysis Date:	5/19/10 10:57:00 PM
GC Column 2:	CLPest II (0.32 mm)	Sample wt/vol:	30.12 G
% Moisture:	12	Dilution Factor:	1
PH:	1	Concentrated Extract Vol:	10 (mL)
GPC Cleanup(Y/N):	N	Injection Volume:	1 (ul)
Extraction Type:	3550B	Sulfur Cleanup:	N
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
Qualifier Definitions U = Undetected B = Compound detected in method blank E = Estimated value D = Dilution P = Results between the two columns differ >40% D1= Primary Column: G17443.D (Analysis Time: 05/19/10 09:06:00 , Dil. Factor= 20) Confirm Column: G17443.D (Analysis Time: 05/19/10 09:06:00)				

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	03
Lab Name:	EMSL Analytical	Project:	
EMSL Sample ID:	011002071-0003	Sample Matrix:	Soils
Lab File ID:	D15678.D	Sampling Date:	5/11/10
Instrument ID:	D	Date Extracted:	5/18/10
Analyst:	TL	Analysis Date:	5/19/10 11:17:00 PM
GC Column:	CLPest I (0.32 mm)	Sample wt/vol:	30.05 G
GC Column 2:	CLPest II (0.32 mm)	Dilution Factor:	1
% Moisture:	11	Concentrated Extract Vol:	10 (mL)
PH:	1	Injection Volume:	1 (ul)
GPC Cleanup(Y/N):	N	Sulfur Cleanup:	N
Extraction Type:	3550B		
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
319-84-6	alpha-BHC	1.9		U
58-89-9	gamma-BHC	1.9		U
319-85-7	beta-BHC	1.9		U
319-86-8	delta-BHC	1.9		U
76-44-8	Heptachlor	1.9		U
309-00-2	Aldrin	1.9		U
465-73-6	Isodrin	1.9		U
1024-57-3	Heptachlor Epoxide	1.9		U
5103-74-2	gamma-Chlordane	1.9	4.6	
5103-71-9	alpha-Chlordane	1.9	4.1	P
72-55-9	4,4'-DDE	1.9	7.1	
959-98-8	Endosulfan I	1.9		U
60-57-1	Dieldrin	1.9	4.8	
72-20-8	Endrin	1.9		U
72-54-8	4,4'-DDD	1.9	11	B
33213-65-9	Endosulfan II	1.9		U
50-29-3	4,4'-DDT	37		UD1
7421-36-3	Endrin Aldehyde	1.9		U
72-43-5	Methoxychlor	37		UD1
2385-85-5	Mirex	1.9		U
1031-07-8	Endosulfan Sulfate	1.9		U
53494-70-5	Endrin Ketone	1.9		U
8001-35-2	Toxaphene	19		U
57-74-9	Chlordane (n.o.s.)	19		U

**EMSL Analytical Inc.**

**PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET**

		<b>Customer Sample#:</b>	<b>03</b>
<b>Lab Name:</b>	EMSL Analytical	<b>Project:</b>	
<b>EMSL Sample ID:</b>	011002071-0003	<b>Sample Matrix:</b>	Soils
<b>Lab File ID:</b>	D15678.D	<b>Sampling Date:</b>	5/11/10
<b>Instrument ID:</b>	D	<b>Date Extracted:</b>	5/18/10
<b>Analyst:</b>	TL	<b>Analysis Date:</b>	5/19/10 11:17:00 PM
<b>GC Column:</b>	CLPest I (0.32 mm)	<b>Sample wt/vol:</b>	30.05 G
<b>GC Column 2:</b>	CLPest II (0.32 mm)	<b>Dilution Factor:</b>	1
<b>% Moisture:</b>	11	<b>Concentrated Extract Vol:</b>	10 (mL)
<b>PH:</b>	1	<b>Injection Volume:</b>	1 (ul)
<b>GPC Cleanup(Y/N):</b>	N	<b>Sulfur Cleanup:</b>	N
<b>Extraction Type:</b>	3550B		
<b>Method:</b>	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
Qualifier Definitions U = Undetected B = Compound detected in method blank E = Estimated value D = Dilution P = Results between the two columns differ >40% D1= Primary Column: G17444.D (Analysis Time: 05/19/10 09:25:00 , Dil. Factor= 20) Confirm Column: G17444.D (Analysis Time: 05/19/10 09:25:00)				

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	04
Lab Name:	EMSL Analytical	Project:	
EMSL Sample ID:	011002071-0004	Sample Matrix:	Soils
Lab File ID:	D15679.D	Sampling Date:	5/11/10
Instrument ID:	D	Date Extracted:	5/18/10
Analyst:	TL	Analysis Date:	5/19/10 11:36:00 PM
GC Column:	CLPest I (0.32 mm)	Sample wt/vol:	30.01 G
GC Column 2:	CLPest II (0.32 mm)	Dilution Factor:	1
% Moisture:	4	Concentrated Extract Vol:	10 (mL)
PH:	1	Injection Volume:	1 (ul)
GPC Cleanup(Y/N):	N	Sulfur Cleanup:	N
Extraction Type:	3550B		
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
319-84-6	alpha-BHC	1.7		U
58-89-9	gamma-BHC	1.7		U
319-85-7	beta-BHC	1.7		U
319-86-8	delta-BHC	1.7		U
76-44-8	Heptachlor	1.7		U
309-00-2	Aldrin	1.7		U
465-73-6	Isodrin	1.7		U
1024-57-3	Heptachlor Epoxide	1.7		U
5103-74-2	gamma-Chlordane	1.7	3.7	
5103-71-9	alpha-Chlordane	1.7	5.2	P
72-55-9	4,4'-DDE	1.7		U
959-98-8	Endosulfan I	1.7		U
60-57-1	Dieldrin	1.7	19	
72-20-8	Endrin	1.7		U
72-54-8	4,4'-DDD	1.7	5.8	B
33213-65-9	Endosulfan II	1.7		U
50-29-3	4,4'-DDT	35		UD1
7421-36-3	Endrin Aldehyde	1.7		U
72-43-5	Methoxychlor	35		UD1
2385-85-5	Mirex	1.7		U
1031-07-8	Endosulfan Sulfate	1.7		U
53494-70-5	Endrin Ketone	1.7		U
8001-35-2	Toxaphene	17		U
57-74-9	Chlordane (n.o.s.)	17		U

**EMSL Analytical Inc.**

**PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET**

<b>Customer Sample#:</b>		<b>04</b>	
<b>Lab Name:</b>	EMSL Analytical	<b>Project:</b>	
<b>EMSL Sample ID:</b>	011002071-0004	<b>Sample Matrix:</b>	Soils
<b>Lab File ID:</b>	D15679.D	<b>Sampling Date:</b>	5/11/10
<b>Instrument ID:</b>	D	<b>Date Extracted:</b>	5/18/10
<b>Analyst:</b>	TL	<b>Analysis Date:</b>	5/19/10 11:36:00 PM
<b>GC Column:</b>	CLPest I (0.32 mm)	<b>Sample wt/vol:</b>	30.01 G
<b>GC Column 2:</b>	CLPest II (0.32 mm)	<b>Dilution Factor:</b>	1
<b>% Moisture:</b>	4	<b>Concentrated Extract Vol:</b>	10 (mL)
<b>PH:</b>	1	<b>Injection Volume:</b>	1 (ul)
<b>GPC Cleanup(Y/N):</b>	N	<b>Sulfur Cleanup:</b>	N
<b>Extraction Type:</b>	3550B		
<b>Method:</b>	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
<b>Qualifier Definitions</b> U = Undetected B = Compound detected in method blank E = Estimated value D = Dilution P = Results between the two columns differ >40% D1= Primary Column: D15670.D (Analysis Time: 05/19/10 20:37:00 , Dil. Factor= 5) Confirm Column: D15670.D (Analysis Time: 05/19/10 20:37:00 D2= Primary Column: G17445.D (Analysis Time: 05/19/10 09:45:00 , Dil. Factor= 20) Confirm Column: G17445.D (Analysis Time: 05/19/10 09:45:00				

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	05
Lab Name:	EMSL Analytical	Project:	
EMSL Sample ID:	011002071-0005	Sample Matrix:	Soils
Lab File ID:	D15680.D	Sampling Date:	5/11/10
Instrument ID:	D	Date Extracted:	5/18/10
Analyst:	TL	Analysis Date:	5/19/10 11:56:00 PM
GC Column:	CLPest I (0.32 mm)	Sample wt/vol:	30.12 G
GC Column 2:	CLPest II (0.32 mm)	Dilution Factor:	1
% Moisture:	4	Concentrated Extract Vol:	10 (mL)
PH:	1	Injection Volume:	1 (ul)
GPC Cleanup(Y/N):	N	Sulfur Cleanup:	N
Extraction Type:	3550B		
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
319-84-6	alpha-BHC	1.7		U
58-89-9	gamma-BHC	1.7		U
319-85-7	beta-BHC	1.7		U
319-86-8	delta-BHC	1.7		U
76-44-8	Heptachlor	1.7		U
309-00-2	Aldrin	1.7		U
465-73-6	Isodrin	1.7		U
1024-57-3	Heptachlor Epoxide	1.7		U
5103-74-2	gamma-Chlordane	1.7	15	
5103-71-9	alpha-Chlordane	1.7	17	P
72-55-9	4,4'-DDE	1.7	1.8	P
959-98-8	Endosulfan I	1.7		U
60-57-1	Dieldrin	1.7	58	
72-20-8	Endrin	1.7		U
72-54-8	4,4'-DDD	1.7	16	B
33213-65-9	Endosulfan II	1.7		U
50-29-3	4,4'-DDT	35		UD1
7421-36-3	Endrin Aldehyde	1.7		U
72-43-5	Methoxychlor	35		UD1
2385-85-5	Mirex	1.7		U
1031-07-8	Endosulfan Sulfate	1.7	7.8	
53494-70-5	Endrin Ketone	1.7		U
8001-35-2	Toxaphene	17		U
57-74-9	Chlordane (n.o.s.)	17		U

**EMSL Analytical Inc.**

**PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET**

<b>Customer Sample#:</b> 05	
<b>Lab Name:</b> EMSL Analytical	
<b>EMSL Sample ID:</b> 011002071-0005	<b>Project:</b>
<b>Lab File ID:</b> D15680.D	<b>Sample Matrix:</b> Soils
<b>Instrument ID:</b> D	<b>Sampling Date:</b> 5/11/10
<b>Analyst:</b> TL	<b>Date Extracted:</b> 5/18/10
<b>GC Column:</b> CLPest I (0.32 mm)	<b>Analysis Date:</b> 5/19/10 11:56:00 PM
<b>GC Column 2:</b> CLPest II (0.32 mm)	<b>Sample wt/vol:</b> 30.12 G
<b>% Moisture:</b> 4	<b>Dilution Factor:</b> 1
<b>PH:</b> 1	<b>Concentrated Extract Vol:</b> 10 (mL)
<b>GPC Cleanup(Y/N):</b> N	<b>Injection Volume:</b> 1 (ul)
<b>Extraction Type:</b> 3550B	<b>Sulfur Cleanup:</b> N
<b>Method:</b> SW846 8081/8082	

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
<b>Qualifier Definitions</b> U = Undetected B = Compound detected in method blank E = Estimated value D = Dilution P = Results between the two columns differ >40% D1= Primary Column: D15671.D (Analysis Time: 05/19/10 20:58:00 , Dil. Factor= 5) Confirm Column: D15671.D (Analysis Time: 05/19/10 20:58:00) D2= Primary Column: G17446.D (Analysis Time: 05/19/10 10:04:00 , Dil. Factor= 20) Confirm Column: G17446.D (Analysis Time: 05/19/10 10:04:00)				

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	06
Lab Name:	EMSL Analytical	Project:	
EMSL Sample ID:	011002071-0006	Sample Matrix:	Soils
Lab File ID:	D15681.D	Sampling Date:	5/11/10
Instrument ID:	D	Date Extracted:	5/18/10
Analyst:	TL	Analysis Date:	5/20/10 12:16:00 AM
GC Column:	CLPest I (0.32 mm)	Sample wt/vol:	30.12 G
GC Column 2:	CLPest II (0.32 mm)	Dilution Factor:	1
% Moisture:	9	Concentrated Extract Vol:	10 (mL)
PH:	1	Injection Volume:	1 (ul)
GPC Cleanup(Y/N):	N	Sulfur Cleanup:	N
Extraction Type:	3550B		
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
319-84-6	alpha-BHC	1.8		U
58-89-9	gamma-BHC	1.8		U
319-85-7	beta-BHC	1.8		U
319-86-8	delta-BHC	1.8		U
76-44-8	Heptachlor	1.8		U
309-00-2	Aldrin	1.8		U
465-73-6	Isodrin	1.8		U
1024-57-3	Heptachlor Epoxide	1.8		U
5103-74-2	gamma-Chlordane	1.8		U
5103-71-9	alpha-Chlordane	1.8		U
72-55-9	4,4'-DDE	1.8		U
959-98-8	Endosulfan I	1.8		U
60-57-1	Dieldrin	1.8		U
72-20-8	Endrin	1.8		U
72-54-8	4,4'-DDD	1.8		U
33213-65-9	Endosulfan II	1.8		U
50-29-3	4,4'-DDT	36		UD1
7421-36-3	Endrin Aldehyde	1.8		U
72-43-5	Methoxychlor	36		UD1
2385-85-5	Mirex	1.8		U
1031-07-8	Endosulfan Sulfate	1.8		U
53494-70-5	Endrin Ketone	1.8		U
8001-35-2	Toxaphene	18		U
57-74-9	Chlordane (n.o.s.)	18		U

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	06
Lab Name:	EMSL Analytical	Project:	
EMSL Sample ID:	011002071-0006	Sample Matrix:	Soils
Lab File ID:	D15681.D	Sampling Date:	5/11/10
Instrument ID:	D	Date Extracted:	5/18/10
Analyst:	TL	Analysis Date:	5/20/10 12:16:00 AM
GC Column:	CLPest I (0.32 mm)	Sample wt/vol:	30.12 G
GC Column 2:	CLPest II (0.32 mm)	Dilution Factor:	1
% Moisture:	9	Concentrated Extract Vol:	10 (mL)
PH:	1	Injection Volume:	1 (ul)
GPC Cleanup(Y/N):	N	Sulfur Cleanup:	N
Extraction Type:	3550B		
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
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Qualifier Definitions  
 U = Undetected  
 B = Compound detected in method blank  
 E = Estimated value  
 D = Dilution  
 P = Results between the two columns differ >40%  
 D1= Primary Column: G17447.D (Analysis Time: 05/19/10 10:23:00 , Dil. Factor= 20)  
 Confirm Column: G17447.D (Analysis Time: 05/19/10 10:23:00)

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	07
Lab Name:	EMSL Analytical	Project:	
EMSL Sample ID:	011002071-0007	Sample Matrix:	Soils
Lab File ID:	D15682.D	Sampling Date:	5/11/10
Instrument ID:	D	Date Extracted:	5/18/10
Analyst:	TL	Analysis Date:	5/20/10 12:35:00 AM
GC Column:	CLPest I (0.32 mm)	Sample wt/vol:	30.04 G
GC Column 2:	CLPest II (0.32 mm)	Dilution Factor:	1
% Moisture:	10	Concentrated Extract Vol:	10 (mL)
PH:	1	Injection Volume:	1 (ul)
GPC Cleanup(Y/N):	N	Sulfur Cleanup:	N
Extraction Type:	3550B		
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
319-84-6	alpha-BHC	1.8		U
58-89-9	gamma-BHC	1.8		U
319-85-7	beta-BHC	1.8		U
319-86-8	delta-BHC	1.8		U
76-44-8	Heptachlor	1.8		U
309-00-2	Aldrin	1.8		U
465-73-6	Isodrin	1.8		U
1024-57-3	Heptachlor Epoxide	1.8		U
5103-74-2	gamma-Chlordane	1.8	2.1	
5103-71-9	alpha-Chlordane	1.8	2.3	P
72-55-9	4,4'-DDE	1.8	14	
959-98-8	Endosulfan I	1.8		U
60-57-1	Dieldrin	1.8	6.3	
72-20-8	Endrin	1.8		U
72-54-8	4,4'-DDD	1.8		U
33213-65-9	Endosulfan II	1.8		U
50-29-3	4,4'-DDT	37		UD1
7421-36-3	Endrin Aldehyde	1.8		U
72-43-5	Methoxychlor	37		UD1
2385-85-5	Mirex	1.8	2.0	P
1031-07-8	Endosulfan Sulfate	1.8		U
53494-70-5	Endrin Ketone	1.8		U
8001-35-2	Toxaphene	18		U
57-74-9	Chlordane (n.o.s.)	18		U

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	07
Lab Name:	EMSL Analytical	Project:	
EMSL Sample ID:	011002071-0007	Sample Matrix:	Soils
Lab File ID:	D15682.D	Sampling Date:	5/11/10
Instrument ID:	D	Date Extracted:	5/18/10
Analyst:	TL	Analysis Date:	5/20/10 12:35:00 AM
GC Column:	CLPest I (0.32 mm)	Sample wt/vol:	30.04 G
GC Column 2:	CLPest II (0.32 mm)	Dilution Factor:	1
% Moisture:	10	Concentrated Extract Vol:	10 (mL)
PH:	1	Injection Volume:	1 (ul)
GPC Cleanup(Y/N):	N	Sulfur Cleanup:	N
Extraction Type:	3550B		
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
Qualifier Definitions U = Undetected B = Compound detected in method blank E = Estimated value D = Dilution P = Results between the two columns differ >40% D1= Primary Column: G17448.D (Analysis Time: 05/19/10 10:42:00 , Dil. Factor= 20) Confirm Column: G17448.D (Analysis Time: 05/19/10 10:42:00)				

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	08
Lab Name:	EMSL Analytical	Project:	
EMSL Sample ID:	011002071-0008	Sample Matrix:	Soils
Lab File ID:	D15683.D	Sampling Date:	5/11/10
Instrument ID:	D	Date Extracted:	5/18/10
Analyst:	TL	Analysis Date:	5/20/10 12:55:00 AM
GC Column:	CLPest I (0.32 mm)	Sample wt/vol:	30.06 G
GC Column 2:	CLPest II (0.32 mm)	Dilution Factor:	1
% Moisture:	8	Concentrated Extract Vol:	10 (mL)
PH:	1	Injection Volume:	1 (ul)
GPC Cleanup(Y/N):	N	Sulfur Cleanup:	N
Extraction Type:	3550B		
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
319-84-6	alpha-BHC	1.8		U
58-89-9	gamma-BHC	1.8		U
319-85-7	beta-BHC	1.8		U
319-86-8	delta-BHC	1.8		U
76-44-8	Heptachlor	1.8	20	
309-00-2	Aldrin	1.8		U
465-73-6	Isodrin	1.8		U
1024-57-3	Heptachlor Epoxide	1.8	22	P
5103-74-2	gamma-Chlordane	36	440	D2
5103-71-9	alpha-Chlordane	36	430	D2
72-55-9	4,4'-DDE	1.8	26	P
959-98-8	Endosulfan I	1.8		U
60-57-1	Dieldrin	1.8	9.8	P
72-20-8	Endrin	1.8		U
72-54-8	4,4'-DDD	36	170	D2
33213-65-9	Endosulfan II	1.8		U
50-29-3	4,4'-DDT	36		UD1
7421-36-3	Endrin Aldehyde	1.8		U
72-43-5	Methoxychlor	36		UD1
2385-85-5	Mirex	1.8		U
1031-07-8	Endosulfan Sulfate	1.8		U
53494-70-5	Endrin Ketone	1.8		U
8001-35-2	Toxaphene	18		U
57-74-9	Chlordane (n.o.s.)	360	3100	D2

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	08
Lab Name:	EMSL Analytical	Project:	
EMSL Sample ID:	011002071-0008	Sample Matrix:	Soils
Lab File ID:	D15683.D	Sampling Date:	5/11/10
Instrument ID:	D	Date Extracted:	5/18/10
Analyst:	TL	Analysis Date:	5/20/10 12:55:00 AM
GC Column:	CLPest I (0.32 mm)	Sample wt/vol:	30.06 G
GC Column 2:	CLPest II (0.32 mm)	Dilution Factor:	1
% Moisture:	8	Concentrated Extract Vol:	10 (mL)
PH:	1	Injection Volume:	1 (ul)
GPC Cleanup(Y/N):	N	Sulfur Cleanup:	N
Extraction Type:	3550B		
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
Qualifier Definitions U = Undetected B = Compound detected in method blank E = Estimated value D = Dilution P = Results between the two columns differ >40% D1= Primary Column: G17449.D (Analysis Time: 05/19/10 11:01:00 , Dil. Factor= 20) Confirm Column: G17449.D (Analysis Time: 05/19/10 11:01:00) D2= Primary Column: D15672.D (Analysis Time: 05/19/10 21:18:00 , Dil. Factor= 20) Confirm Column: D15672.D (Analysis Time: 05/19/10 21:18:00)				

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	09
Lab Name:	EMSL Analytical		
EMSL Sample ID:	011002071-0009	Project:	
Lab File ID:	D15684.D	Sample Matrix:	Soils
Instrument ID:	D	Sampling Date:	5/11/10
Analyst:	TL	Date Extracted:	5/18/10
GC Column:	CLPest I (0.32 mm)	Analysis Date:	5/20/10 01:15:00 AM
GC Column 2:	CLPest II (0.32 mm)	Sample wt/vol:	30.08 G
% Moisture:	8	Dilution Factor:	1
PH:	1	Concentrated Extract Vol:	10 (mL)
GPC Cleanup(Y/N):	N	Injection Volume:	1 (ul)
Extraction Type:	3550B	Sulfur Cleanup:	N
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
319-84-6	alpha-BHC	1.8		U
58-89-9	gamma-BHC	1.8		U
319-85-7	beta-BHC	1.8		U
319-86-8	delta-BHC	1.8		U
76-44-8	Heptachlor	1.8	1.9	
309-00-2	Aldrin	1.8		U
465-73-6	Isodrin	1.8		U
1024-57-3	Heptachlor Epoxide	1.8	6.7	
5103-74-2	gamma-Chlordane	1.8	63	
5103-71-9	alpha-Chlordane	1.8	72	P
72-55-9	4,4'-DDE	1.8	4.0	P
959-98-8	Endosulfan I	1.8		U
60-57-1	Dieldrin	1.8	2.2	
72-20-8	Endrin	1.8		U
72-54-8	4,4'-DDD	1.8	20	B
33213-65-9	Endosulfan II	1.8		U
50-29-3	4,4'-DDT	36		UD1
7421-36-3	Endrin Aldehyde	1.8	2.9	
72-43-5	Methoxychlor	36		UD1
2385-85-5	Mirex	1.8		U
1031-07-8	Endosulfan Sulfate	1.8		U
53494-70-5	Endrin Ketone	1.8		U
8001-35-2	Toxaphene	18		U
57-74-9	Chlordane (n.o.s.)	18	520	

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

<b>Customer Sample#:</b> 09	
<b>Lab Name:</b> EMSL Analytical	<b>Project:</b>
<b>EMSL Sample ID:</b> 011002071-0009	<b>Sample Matrix:</b> Soils
<b>Lab File ID:</b> D15684.D	<b>Sampling Date:</b> 5/11/10
<b>Instrument ID:</b> D	<b>Date Extracted:</b> 5/18/10
<b>Analyst:</b> TL	<b>Analysis Date:</b> 5/20/10 01:15:00 AM
<b>GC Column:</b> CLPest I (0.32 mm)	<b>Sample wt/vol:</b> 30.08 G
<b>GC Column 2:</b> CLPest II (0.32 mm)	<b>Dilution Factor:</b> 1
<b>% Moisture:</b> 8	<b>Concentrated Extract Vol:</b> 10 (mL)
<b>PH:</b> 1	<b>Injection Volume:</b> 1 (ul)
<b>GPC Cleanup(Y/N):</b> N	<b>Sulfur Cleanup:</b> N
<b>Extraction Type:</b> 3550B	
<b>Method:</b> SW846 8081/8082	

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
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Qualifier Definitions  
 U = Undetected  
 B = Compound detected in method blank  
 E = Estimated value  
 D = Dilution  
 P = Results between the two columns differ >40%  
 D1= Primary Column: D15673.D (Analysis Time: 05/19/10 21:38:00 , Dil. Factor= 10)  
 Confirm Column: D15673.D (Analysis Time: 05/19/10 21:38:00)  
 D2= Primary Column: G17450.D (Analysis Time: 05/19/10 11:20:00 , Dil. Factor= 20)  
 Confirm Column: G17450.D (Analysis Time: 05/19/10 11:20:00)

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	10
Lab Name:	EMSL Analytical		
EMSL Sample ID:	011002071-0010	Project:	
Lab File ID:	D15685.D	Sample Matrix:	Soils
Instrument ID:	D	Sampling Date:	5/11/10
Analyst:	TL	Date Extracted:	5/18/10
GC Column 1:	CLPest I (0.32 mm)	Analysis Date:	5/20/10 01:35:00 AM
GC Column 2:	CLPest II (0.32 mm)	Sample wt/vol:	30.13 G
% Moisture:	9	Dilution Factor:	1
PH:	1	Concentrated Extract Vol:	10 (mL)
GPC Cleanup(Y/N):	N	Injection Volume:	1 (ul)
Extraction Type:	3550B	Sulfur Cleanup:	N
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
319-84-6	alpha-BHC	1.8		U
58-89-9	gamma-BHC	1.8		U
319-85-7	beta-BHC	1.8		U
319-86-8	delta-BHC	1.8		U
76-44-8	Heptachlor	1.8		U
309-00-2	Aldrin	1.8		U
465-73-6	Isodrin	1.8		U
1024-57-3	Heptachlor Epoxide	1.8		U
5103-74-2	gamma-Chlordane	18	120	D1
5103-71-9	alpha-Chlordane	18	200	D1
72-55-9	4,4'-DDE	1.8	39	
959-98-8	Endosulfan I	1.8		U
60-57-1	Dieldrin	1.8	7.7	
72-20-8	Endrin	1.8		U
72-54-8	4,4'-DDD	18	190	D1
33213-65-9	Endosulfan II	1.8		U
50-29-3	4,4'-DDT	1.8	31	PB
7421-36-3	Endrin Aldehyde	1.8	3.5	P
72-43-5	Methoxychlor	1.8		U
2385-85-5	Mirex	1.8	3.0	P
1031-07-8	Endosulfan Sulfate	1.8		U
53494-70-5	Endrin Ketone	1.8		U
8001-35-2	Toxaphene	18		U
57-74-9	Chlordane (n.o.s.)	180	2000	D1

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	10
Lab Name:	EMSL Analytical		
EMSL Sample ID:	011002071-0010	Project:	
Lab File ID:	D15685.D	Sample Matrix:	Soils
Instrument ID:	D	Sampling Date:	5/11/10
Analyst:	TL	Date Extracted:	5/18/10
GC Column:	CLPest I (0.32 mm)	Analysis Date:	5/20/10 01:35:00 AM
GC Column 2:	CLPest II (0.32 mm)	Sample wt/vol:	30.13 G
% Moisture:	9	Dilution Factor:	1
PH:	1	Concentrated Extract Vol:	10 (mL)
GPC Cleanup(Y/N):	N	Injection Volume:	1 (ul)
Extraction Type:	3550B	Sulfur Cleanup:	N
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
Qualifier Definitions U = Undetected B = Compound detected in method blank E = Estimated value D = Dilution P = Results between the two columns differ >40% D1= Primary Column: D15674.D (Analysis Time: 05/19/10 21:58:00 , Dil. Factor= 10) Confirm Column: D15674.D (Analysis Time: 05/19/10 21:58:00)				

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	11
Lab Name:	EMSL Analytical	Project:	
EMSL Sample ID:	011002071-0011	Sample Matrix:	Soils
Lab File ID:	D15686.D	Sampling Date:	5/11/10
Instrument ID:	D	Date Extracted:	5/18/10
Analyst:	TL	Analysis Date	5/20/10 01:54:00 AM
GC Column:	CLPest I (0.32 mm)	Sample wt/vol:	30.09 G
GC Column 2:	CLPest II (0.32 mm)	Dilution Factor:	1
% Moisture:	9	Concentrated Extract Vol:	10 (mL)
PH:	1	Injection Volume:	1 (ul)
GPC Cleanup(Y/N):	N	Sulfur Cleanup:	N
Extraction Type:	3550B		
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
319-84-6	alpha-BHC	1.8		U
58-89-9	gamma-BHC	1.8		U
319-85-7	beta-BHC	1.8		U
319-86-8	delta-BHC	1.8		U
76-44-8	Heptachlor	1.8		U
309-00-2	Aldrin	1.8		U
465-73-6	Isodrin	1.8		U
1024-57-3	Heptachlor Epoxide	1.8		U
5103-74-2	gamma-Chlordane	1.8	55	
5103-71-9	alpha-Chlordane	9.1	86	D1
72-55-9	4,4'-DDE	1.8	8.2	
959-98-8	Endosulfan I	1.8		U
60-57-1	Dieldrin	1.8	3.5	
72-20-8	Endrin	1.8		U
72-54-8	4,4'-DDD	9.1	87	D1
33213-65-9	Endosulfan II	1.8		U
50-29-3	4,4'-DDT	1.8	5.9	PB
7421-36-3	Endrin Aldehyde	1.8	4.7	P
72-43-5	Methoxychlor	1.8		U
2385-85-5	Mirex	1.8	3.4	
1031-07-8	Endosulfan Sulfate	1.8		U
53494-70-5	Endrin Ketone	1.8		U
8001-35-2	Toxaphene	18		U
57-74-9	Chlordane (n.o.s.)	91	930	D1

**EMSL Analytical Inc.**

**PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET**

<b>Customer Sample#:</b>		<b>11</b>	
<b>Lab Name:</b>	EMSL Analytical	<b>Project:</b>	
<b>EMSL Sample ID:</b>	011002071-0011	<b>Sample Matrix:</b>	Soils
<b>Lab File ID:</b>	D15686.D	<b>Sampling Date:</b>	5/11/10
<b>Instrument ID:</b>	D	<b>Date Extracted:</b>	5/18/10
<b>Analyst:</b>	TL	<b>Analysis Date:</b>	5/20/10 01:54:00 AM
<b>GC Column:</b>	CLPest I (0.32 mm)	<b>Sample wt/vol:</b>	30.09 G
<b>GC Column 2:</b>	CLPest II (0.32 mm)	<b>Dilution Factor:</b>	1
<b>% Moisture:</b>	9	<b>Concentrated Extract Vol:</b>	10 (mL)
<b>PH:</b>	1	<b>Injection Volume:</b>	1 (ul)
<b>GPC Cleanup(Y/N):</b>	N	<b>Sulfur Cleanup:</b>	N
<b>Extraction Type:</b>	3550B		
<b>Method:</b>	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
<b>Qualifier Definitions</b> U = Undetected B = Compound detected in method blank E = Estimated value D = Dilution P = Results between the two columns differ >40% D1= Primary Column: D15675.D (Analysis Time: 05/19/10 22:17:00 , Dil. Factor= 5) Confirm Column: D15675.D (Analysis Time: 05/19/10 22:17:00)				