INTERIM MEASURES COMPLETION REPORT
PCB-IMPACTED SOIL
(GMPT SMCO FACILITY)

GENERAL MOTORS CORPORATION
1629 N. WASHINGTON AVENUE
SAGINAW, MICHIGAN 48605-5073

Prepared by:
Conestoga-Rovers & Associates

651 Colby Drive
Waterloo, Ontario
Canada N2V 1C2

Office: (519) 884-0510
Fax: (519) 884-0525

web: http:\\www.CRAworld.com

AUGUST 9, 2006
REF. NO. 17075 (28)

TABLE OF CONTENTS

Page

LIST OF FIGURES
(Following Text)

LIST OF TABLES
(Following Text)

APPENDICES

LIST OF ACRONYMS AND TERMS

Amendment	Amendment to the Interim Measures Work Plan for PCB-Impacted Areas
bgs	below ground surface
CRA	Conestoga-Rovers & Associates
EQ	The Environmental Quality Company
GMPT	General Motors Powertrain Corporation
HASP	Health and Safety Plan
IDCC	Industrial Direct Contact Criteria
IM Work Plan	Interim Measures Work Plan for PCB-Impacted Areas
IU	Investigative Unit
MDEQ	Michigan Department of Environmental Quality
mg/kg	milligrams per kilogram
OSHA	Occupational Safety and Health Administration
PCB	polychlorinated biphenyl
ppm	parts per million
RDCC	Residential Direct Contact Criteria
SMCO	Saginaw Metal Casting Operations
STL	Severn Trent Laboratories
U.S. EPA	United States Environmental Protection Agency
Wayne Disposal	Wayne Disposal, Inc. Landfill

1.0 INTRODUCTION

This report presents a summary of the completed Interim Measure (IM) for PCB-Impacted soil at Investigative Unit (IU) D and E at the General Motors Powertrain Corporation (GMPT) Saginaw Metal Casting Operations (SMCO) Facility at 2100 Veterans Memorial Parkway in Saginaw, Michigan (Site). The Site identification number is MID 041 793 340. The Site location is presented on Figure 1.1 and the Site Plan is presented on Figure 1.2. The locations of IU D and IU E are also presented on Figure 1.2.

The IM was conducted in accordance with United States Environmental Protection Agency (U.S. EPA) approved IM Work Plan for PCB-Impacted Areas (IM Work Plan) dated December 2004 as amended by the U.S. EPA approved Amendment to the IM Work Plan (Amendment) dated January 21, 2006. The IM objective was to address PCB-impacted soils greater than 16 milligrams per kilogram (mg/kg). Michigan Act 451 Part 201 identifies 16 mg/kg polychlorinated biphenyls (PCB) as the Industrial Direct Contact Criteria (IDCC).

1.1 BACKGROUND

The objective of the interim measure was to remove PCB-impacted soils above 16 mg/kg.

PCBs were reported in two soil samples from two locations within IU D, one at SB-00709 [43.5 mg/kg at 2 to 4 feet below ground surface (bgs)] as shown on Figure 2.1, and one at SB-298 (32.2 mg/kg at 1 to 3 feet bgs) as shown on Figure 2.2.

PCBs were reported in two soil samples from two locations within IU E, one at SB-03737A (18.3 mg/kg at 0 to 2 feet bgs) as shown on Figure 2.3, and one at MW-03734 (52.2 mg/kg at 0 to 2 feet bgs), as shown on Figure 2.4.

1.2 SCOPE OF INTERIM MEASURES WORK PLAN

Full-scale interim measures to address PCB-impacted soil in IU D and IU E were conducted in accordance with the U.S. EPA approved IM Work Plan and Amendment. The purpose of the IM Work Plan was to excavate and dispose off-Site PCB-impacted soil above 16 mg/kg. Initial excavation activities associated with the IM Work Plan

were carried out between July 20 and August 11, 2005. Excavation activities associated with the Amendment were carried out between May 1 and 9, 2006.

In total there were four areas with PCB concentrations greater then 16 mg/kg, two areas in IU D at locations SB-00709 and SB-298 and two areas in IU E at locations SB-03737A and MW-03734. Excavation activities were completed in all four areas in an iterative approach until verification samples were below 16 mg/kg PCBs.

GM completed four excavation iterations in the vicinity of MW-03734 in IU E in accordance with the IM Work Plan but had not achieved the cleanup standard in this excavation. In order to further define excavation limits, GM conducted additional investigation from September 6 to November 22, 2005 using geoprobe borings to delineate PCB concentrations in soils exceeding 16 mg/kg surrounding the excavation area, prior to excavating additional material. Following the completion of the delineation geoprobe sampling, GM submitted an Amendment to the Interim Measures Work Plan, which was subsequently approved by U.S. EPA on February 24, 2006. The Amendment stated that geoprobe sampling was conducted to the north and south of the original MW-03437 location in areas still exceeding 16 mg/kg. The investigation continued until both the north and south boundaries were delineated to 16 mg/kg. The final lateral extent of excavation proposed in the Amendment was based on the results from the pre-excavation geoprobe investigation. Soils containing PCB concentrations above 16 mg/kg were excavated. No additional verification samples were collected after excavation, with the exception of two areas. The excavation activities proposed in the Amendment were conducted from May 1 to 9, 2006 once water levels in the excavation had receded and the weather had improved.

2.0 SCOPE OF WORK – ON-SITE ACTIVITIES

The following sections describe the IM activities related to on-Site work completed during the PCB IM activities:

2.1 Contractor Procurement

2.2 Health and Safety

2.3 Pre-mobilization Activities

2.4 Mobilization/Site Preparation

2.5 Soil Excavation

2.6 Verification and Geoprobe Sampling

2.7 Transportation and Off-Site Disposal

2.8 Final Survey

2.9 Backfilling

2.10 Decontamination

2.11 Site Restoration and Demobilization

2.1 CONTRACTOR PROCUREMENT

Bierlein Companies, Inc. (Bierlein) based out of Midland, Michigan acted as the general contractor. Bierlein conducted the excavation, loading, transportation, backfilling, and Site restoration for the PCB-impacted areas.

In addition, the following contractors/subcontractors were procured to perform various services as identified below:

- Disposal of soils containing less than 50 parts per million (ppm) PCBs at Republic Services Brent Run Municipal Landfill, 8335 W. Vienna Rd., Montrose, Michigan;
- Disposal of soils containing greater than 50 ppm PCBs materials at Environmental Quality Company's (EQ) Wayne Disposal, Inc. Landfill (Wayne Disposal), 49350 N. I-94 Service Drive, Belleville, Michigan;
- ALTECH Services L.L.C. of Livonia, Michigan – geoprobe sampling;
- TriMatrix Laboratories, Inc. of Grand Rapids, Michigan – fill characterization analysis; and
- Severn Trent Laboratories, Inc. (STL) of North Canton, Ohio - analytical services.

2.2 HEALTH AND SAFETY

A Site-specific health and safety plan (HASP) was prepared and implemented consistent with Occupational Safety and Health Administration (OSHA) 29 CFR 1910.120 to ensure that all on-Site personnel were properly protected from potential exposure to Site-related constituents. The HASP documented potential hazards at the Site, the level of personal protective equipment necessary for use during the cleanup activities, and the personal decontamination procedures required to control any potential personal exposures during implementation of the Work Plan. Modified Level D PPE was worn by all personnel entering the work area.

2.3 PRE-MOBILIZATION ACTIVITIES

Activities completed prior to mobilization included marking all areas in which removal activities were required.

2.4 MOBILIZATION/SITE PREPARATION

Bierlein mobilized to the Site for two separate stages of excavation activities from July 20 to August 11, 2005 and May 1 to 9, 2006. Activities completed during the mobilizations included the following: establishing an exclusion zone, contaminant reduction and support zones through the use of orange safety fence.

2.5 SOIL EXCAVATION

Bierlein conducted all excavation activities in accordance with the IM Work Plan and the Amendment. During the course of the two excavations rounds, 1,916 tons of greater than 50 ppm PCB-impacted soil and 1,416 tons of less than 50 ppm PCB-impacted soil was removed from the four PCB-impacted areas.

2.5.1 EXCAVATION SURROUNDING SB-00709

Excavation activities surrounding SB-00709 in IU D were completed in accordance with the IM Work Plan. The excavation was completed in one iteration. Figure 2.1 presents

the excavation limit and depth. Approximately 85 cubic yards of less than 50 ppm PCB-impacted soil were excavated from this area.

2.5.2 EXCAVATION SURROUNDING SB-298

Excavation activities surrounding SB-298 in IU D were completed in accordance with the IM Work Plan. The excavation was completed in three iterations. Figure 2.2 presents the excavation limit and depth. Approximately 145 cubic yards of less than 50 ppm PCB-impacted soil were excavated from this area.

2.5.3 EXCAVATION SURROUNDING SB-03737A

Excavation activities surrounding SB-03737A in IU E were completed in accordance with the IM Work Plan. The excavation was completed in five iterations. Figure 2.3 presents the excavation limit and depth. Approximately 460 cubic yards of less than 50 ppm PCB-impacted soil were excavated from this area.

2.5.4 EXCAVATION SURROUNDING MW-03734

Excavation activities surrounding MW-03734 in IU E were completed in accordance with the IM Work Plan and the Amendment. Following the fourth excavation iteration, prior to excavating additional material, GM conducted additional investigation to delineate PCB concentrations in soils surrounding the excavation area using geoprobes. Upon completion of the additional investigation and in accordance with the Amendment to the IM Work Plan approved by U.S. EPA on February 24, 2006, GM completed the excavation surrounding MW-03734. Figure 2.4 presents the final excavation limit surrounding MW-03734 and Figure 2.5 presents the final excavation depths. Approximately 410 cubic yards of less than 50 ppm PCB-impacted soil and 1,280 cubic yards of greater than 50 ppm PCB-impacted soil have been excavated from this area.

2.6 VERIFICATION AND GEOPROBE SAMPLING

Verification sampling was conducted in accordance with the IM Work Plan and the Amendment. Verification samples were nine point composite samples for the initial IM activities. The subsequent geoprobe investigation consisted of discrete sampling only.

2.6.1 SAMPLING SURROUNDING SB-00709

Verification sampling surrounding SB-00709 in IU D was completed in accordance with the IM Work Plan. The excavation was completed in one iteration, all verification samples were below 16 mg/kg as specified in the IM Work Plan. In fact, all results were below the 4 mg/kg Residential Direct Contact Criteria (RDCC). Since all verification samples were below 4 mg/kg the area has been cleaned to residential standards. The verification sample results are presented on Figure 2.1 and in Table 2.1. Appendix A contains the data validation memorandums and Appendix B contains the laboratory reports for the verification samples.

2.6.2 SAMPLING SURROUNDING SB-298

Verification sampling surrounding SB-298 in IU D was completed in accordance with the IM Work Plan. The excavation was completed in three iterations, all verification samples were below 16 mg/kg as specified in the IM Work Plan. In fact, all results were below the 4 mg/kg RDCC. Since all verification samples were below 4 mg/kg the area has been cleaned to residential standards. The verification sample results are presented on Figure 2.2 and in Table 2.1. Appendix A contains the data validation memorandums and Appendix B contains the laboratory reports for the verification samples.

2.6.3 SAMPLING SURROUNDING SB-03737A

Verification sampling surrounding SB-03737A in IU E was completed in accordance with the IM Work Plan. The excavation was completed in five iterations, after the fifth iteration all verification samples were below 16 mg/kg as specified in the IM Work Plan. The verification sample results are presented on Figure 2.3 and in Table 2.1. Appendix A contains the data validation memorandums and Appendix B contains the laboratory reports for the verification samples.

Four discrete soil samples from five geoprobe locations were collected around the excavation in addition to the verification composites. All sample results were below 16 mg/kg for PCBs. The geoprobe sample results are presented on Figure 2.3 and in Table 2.2. Appendix A contains the data validation memorandums and Appendix B contains the laboratory reports for the verification samples.

2.6.4 SAMPLING SURROUNDING MW-03734

Verification and geoprobe sampling surrounding SB-03734 in IU E was completed in accordance with the IM Work Plan and the Amendment. GM completed four excavation iterations in the vicinity of MW-03734. Following the fourth excavation iteration, prior to excavating additional material, GM conducted additional investigation to delineate PCB concentrations in soils surrounding the excavation area using geoprobes.

Four phases of geoprobe sampling were completed to delineate the additional soils above criteria, consisting of seven rows north and nine rows south of the excavation and resulting in sampling from 77 geoprobe locations as shown on Figure 2.4. After the full extent of soils with PCB concentrations greater than 16 mg/kg was identified, GM excavated vertically and horizontally to geoprobe samples below the 16 mg/kg PCB IDCC in accordance with the U.S. EPA approved Amendment. This method was followed for the entire excavation.

Figure 2.4 presents the final excavation area, geoprobe and verification sample locations and PCB data for soil remaining following excavation activities surrounding MW-03734. Table 2.1 presents the verification data from the four original excavation iterations and Table 2.2 presents the geoprobe sample results. Appendix A contains the data validation memorandums and Appendix B contains the laboratory reports for the verification and geoprobe samples.

2.7 TRANSPORTATION AND DISPOSAL

During the two excavations rounds, 1,916 tons of greater than 50 ppm PCB-impacted soil was transported and disposed of at EQ's Wayne Disposal Facility and 1,416 tons of less than 50 ppm PCB soil was disposed of at Republic Services Brent Run Municipal Landfill. Soils were determined to be greater than 50 or less than 50 ppm based on sample results collected in the field before excavation as described in the IM Work Plan and the Amendment. Bierlien, a licensed waste hauler, transported the soil to both landfill locations. Prior to leaving the Site, the haul trucks were securely tarped and lined with polysheeting. Manifests were prepared and accompanied the loads. Appendix C presents the manifests and disposal receipts.

2.8 FINAL SURVEY

Each excavation was surveyed to document its limits. Figures 2.1 to 2.4 present the excavation limits as defined by the survey. Appendix D contains the final excavation limit survey coordinates. Coordinates are in the Michigan State Plane South, NAD 83 Coordinate system using international feet. This is a standard survey coordinate system commonly used in Michigan.

2.9 BACKFILLING AND COMPACTION

The excavations were then backfilled with approximately 2,380 cubic yards of clean fill and 6 inches of gravel on top of the fill. The fill was placed into the excavations in approximately 1-foot lifts and the fill was compacted by a roller to match adjacent material. The gravel was placed on top of the fill to protect the excavation areas from traffic since all areas excavated are either within or adjacent to existing Site roads and parking areas. Appendix B presents the analytical data for the backfill.

2.10 DECONTAMINATION

Decontamination was performed in accordance with the IM Work Plan.

2.11 SITE RESTORATION AND DEMOBILIZATION

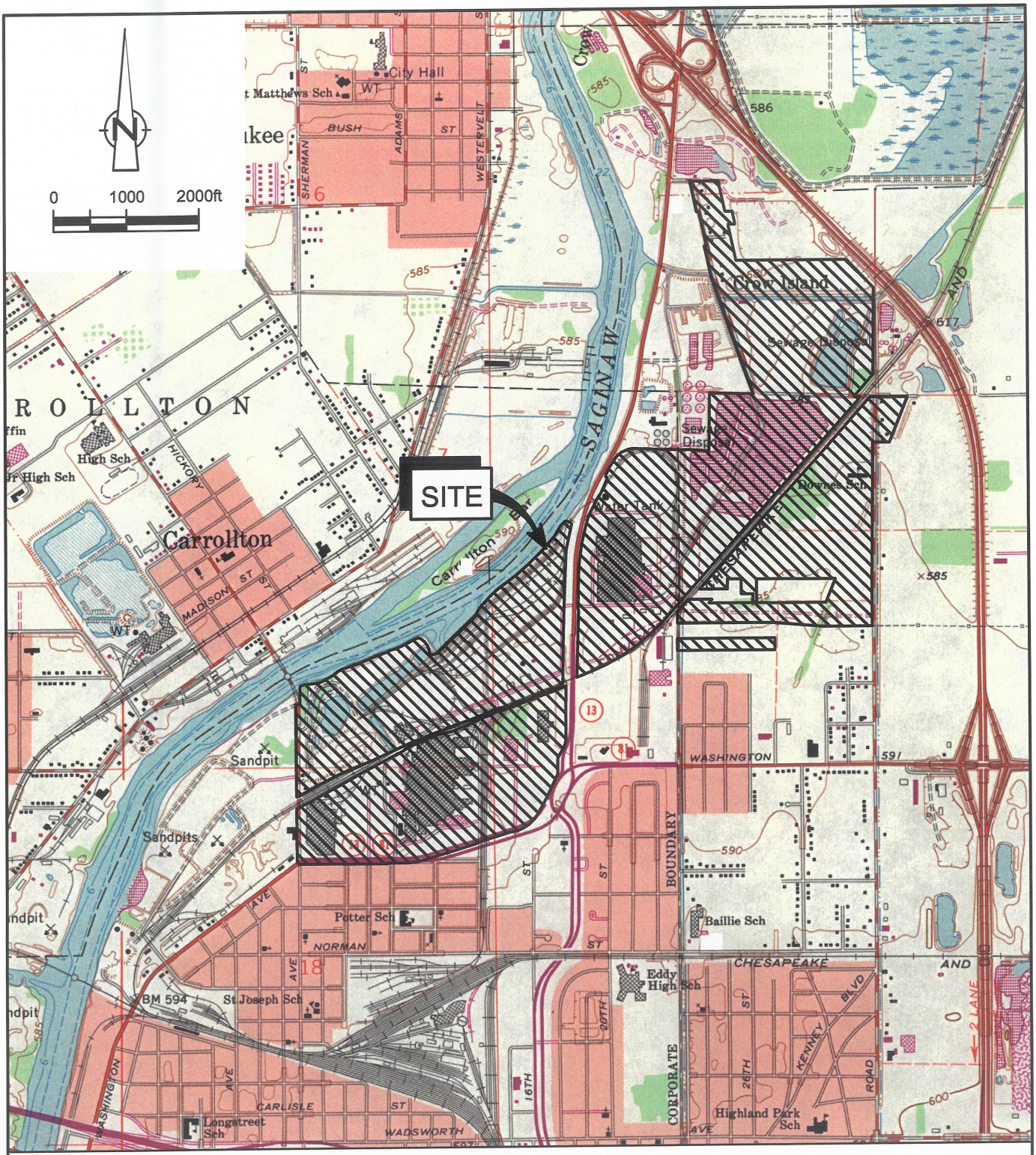
The contractor removed all temporary fencing, the decontamination pad, equipment, and other materials and supplies brought onto the Site.

3.0 DEVIATIONS FROM PROPOSED ACTIVITIES

During the geoprobe sampling activities surrounding MW-03734 there were two instances (GP-45 and GP-32) where obstructions such as buried slag and concrete caused refusal of the geoprobe, resulting in shallow samples (1 to 3 feet bgs) which exceeded the 16 mg/kg PCB IDCC. In the samples (GP-45 and GP-32), which were not delineated vertically due to refusal, the excavation proceeded to a depth of 8 feet. Excavating to 8 feet was appropriate because 46 discrete soil samples were collected at depths of 6 to 8 feet, and all PCB results were reported below the 16 mg/kg PCB IDCC. It should also be noted that when excavation activities surrounding MW-03734 were originally halted, the vertical boundary had not been delineated to 16 mg/kg for PCBs in both the northwest and southeast corners of the excavation floor. During the IM Amendment excavation activities these two areas were excavated until criteria were met using discrete verification sampling instead of composites and the results are presented on Figure 2.4 and in Table 2.1. Appendix A contains the data validation memorandums and Appendix B contains the laboratory reports for the discrete verification samples.

4.0 CONCLUSION

The excavation activities were completed in accordance with the U.S. EPA approved IM Work Plan and the Amendment, as applicable. All soils containing concentrations of PCBs greater then 16 mg/kg in the vicinity of SB-298, SM-00709, SB-03737A, and MW-03734 have been removed and disposed of off Site. The excavation areas have been backfilled with clean fill. Therefore, the PCB IM activities are complete.

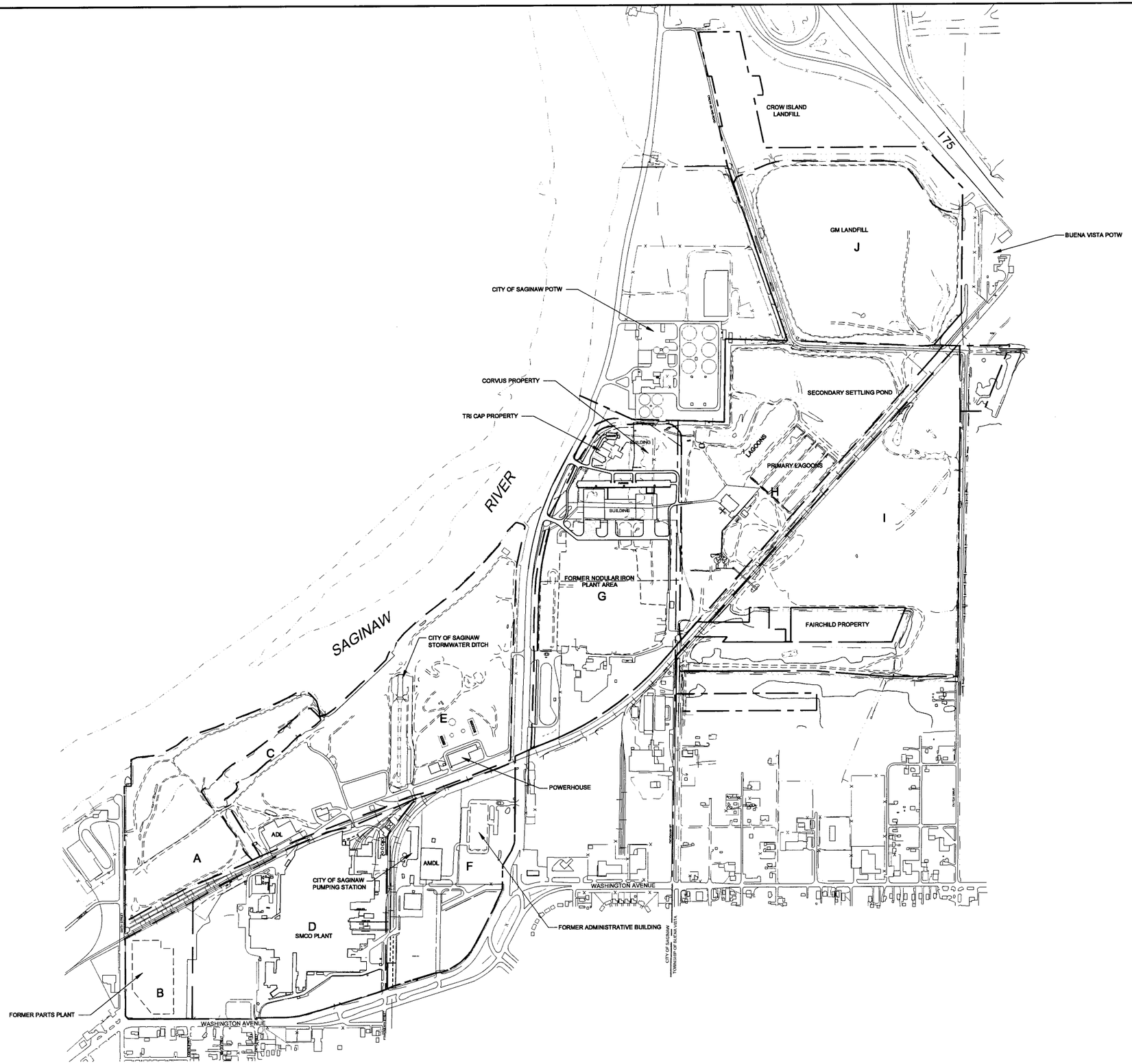


SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE; SAGINAW, MICHIGAN 1967

figure 1.1

SITE LOCATION MAP
GENERAL MOTORS CORPORATION
SAGINAW METAL CASTING OPERATIONS
Saginaw, Michigan

17075-30(028)GN-WA005 APR 19/2006



N

0 200 500ft

LEGEND

A — INVESTIGATIVE UNIT BOUNDARY AND IDENTIFIER

APPROXIMATE PROPERTY BOUNDARY

NOTE: TOPO - SANBORN, 1986

SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

GENERAL MOTORS CORPORATION
SAGINAW METAL CASTING OPERATIONS

SAGINAW, MICHIGAN

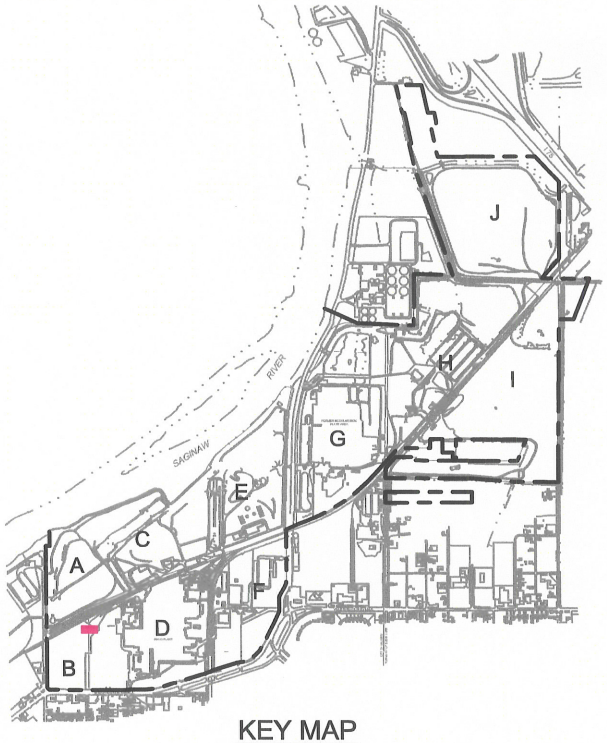
SITE PLAN

CONESTOGA-ROVERS & ASSOCIATES

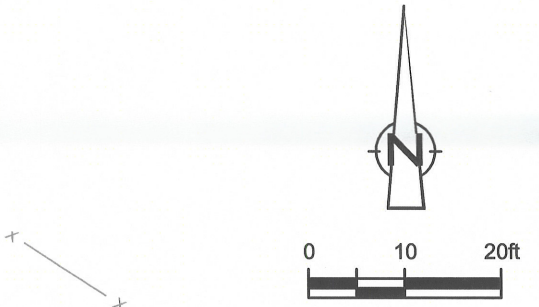
Source Reference:
MICHIGAN STATE PLANE SOUTH, NAD 83 USING INTERNATIONAL FEET, NGVD 88

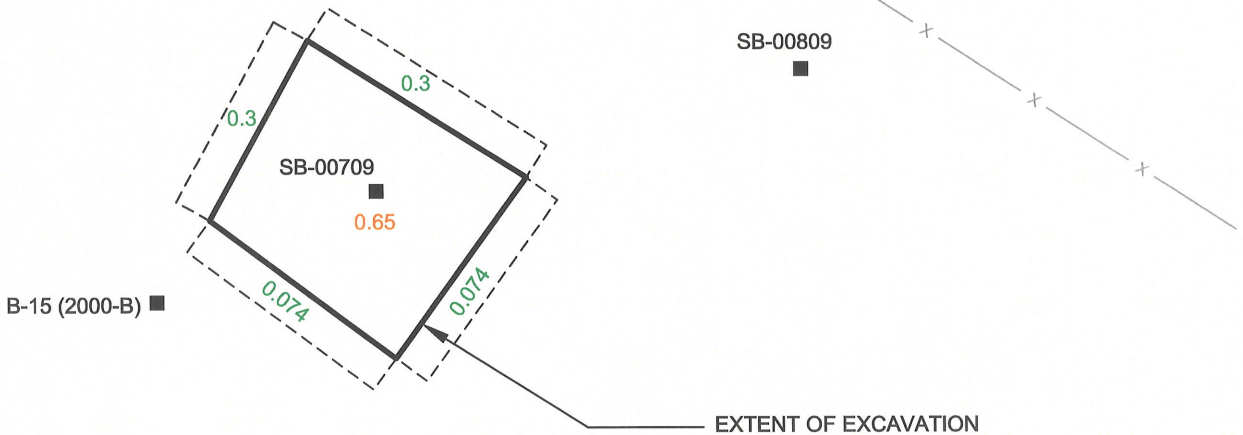
Project Manager:	Reviewed By:	Date:	
I.R.	M.T.	APRIL 2006	
Scale: 1" = 500'	Project N°: 17075-30	Report N°: 028	Drawing N°: 1.2

17075-30(028)GN-WA006 APR 19/2006



KEY MAP





LEGEND

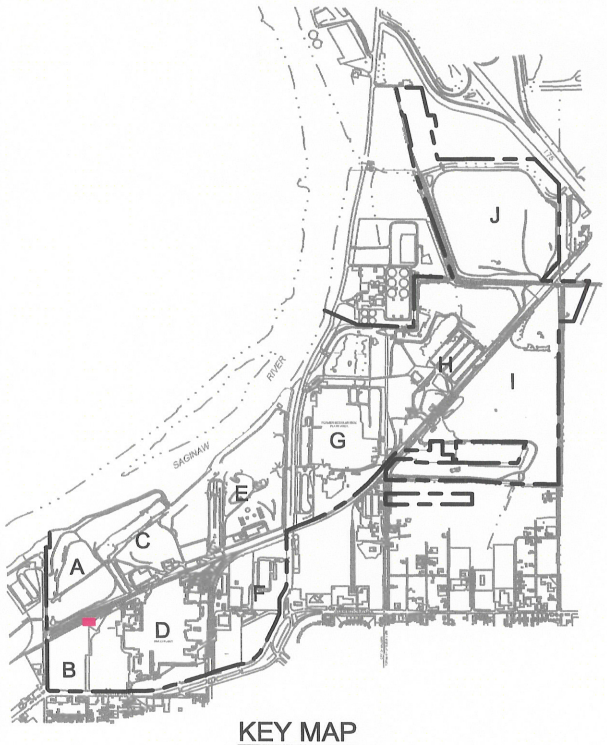
———	EXCAVATION LIMIT (DEPTH 4 ft.)
- - - - - - - -	EXCAVATION WALL PROJECTION
0.65	VERIFICATION SAMPLE RESULT (TOTAL PCBs) - EXCAVATION BOTTOM
0.3	VERIFICATION SAMPLE RESULT (TOTAL PCBs) - EXCAVATION SIDE WALL
■	PREVIOUS RFI INVESTIGATION LOCATION

figure 2.1

SB-00709 FINAL EXCAVATION LIMITS AND SAMPLE RESULTS
GENERAL MOTORS CORPORATION
SAGINAW METAL CASTING OPERATIONS
Saginaw, Michigan

CRA

17075-30(028)GN-WA001 JUN 28/2006



KEY MAP

LEGEND

- EXCAVATION LIMIT (DEPTH 4 ft.)
- EXCAVATION WALL PROJECTION
- 0.65 VERIFICATION SAMPLE RESULT (TOTAL PCBs) - EXCAVATION BOTTOM
- 0.3 VERIFICATION SAMPLE RESULT (TOTAL PCBs) - EXCAVATION SIDE WALL
- ■ PREVIOUS RFI INVESTIGATION LOCATION

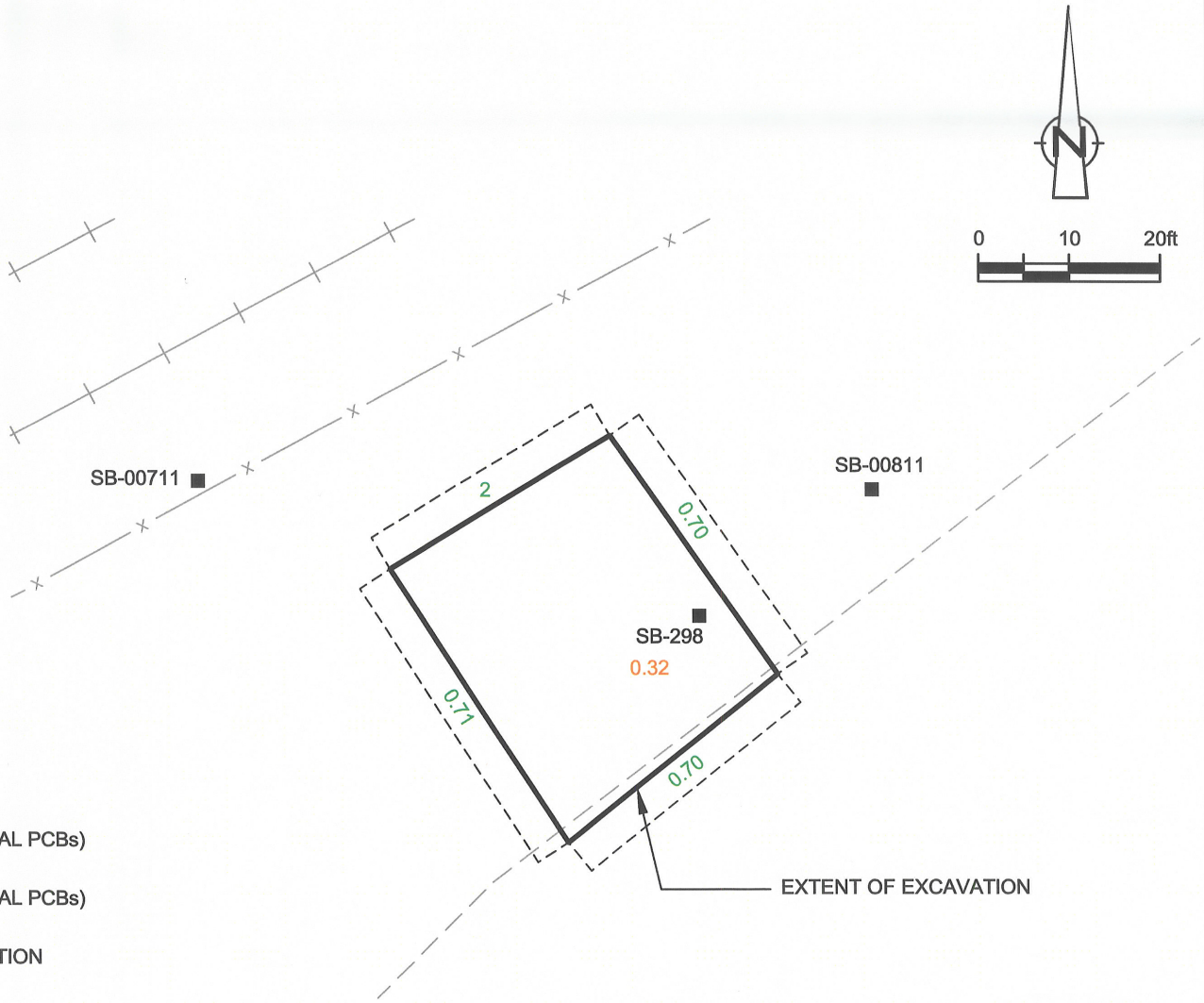
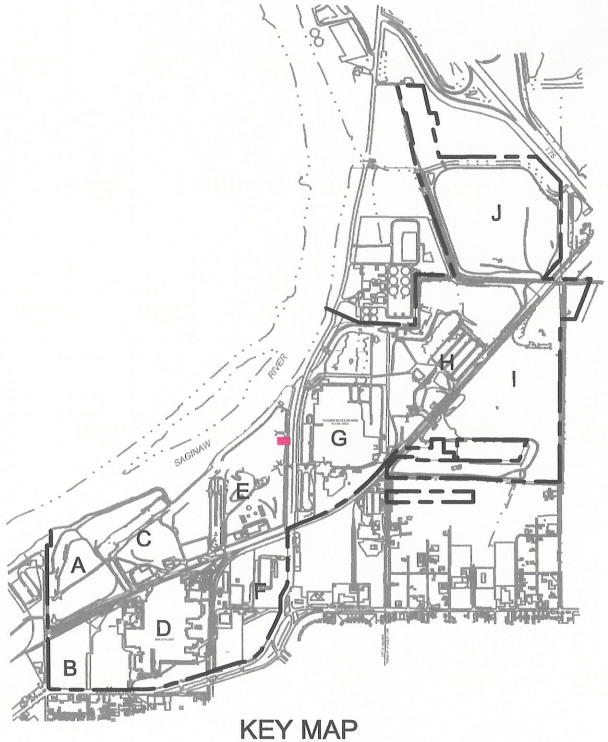


figure 2.2

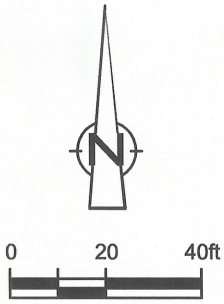
SB-298 FINAL EXCAVATION LIMITS AND SAMPLE RESULTS
GENERAL MOTORS CORPORATION
SAGINAW METAL CASTING OPERATIONS
Saginaw, Michigan

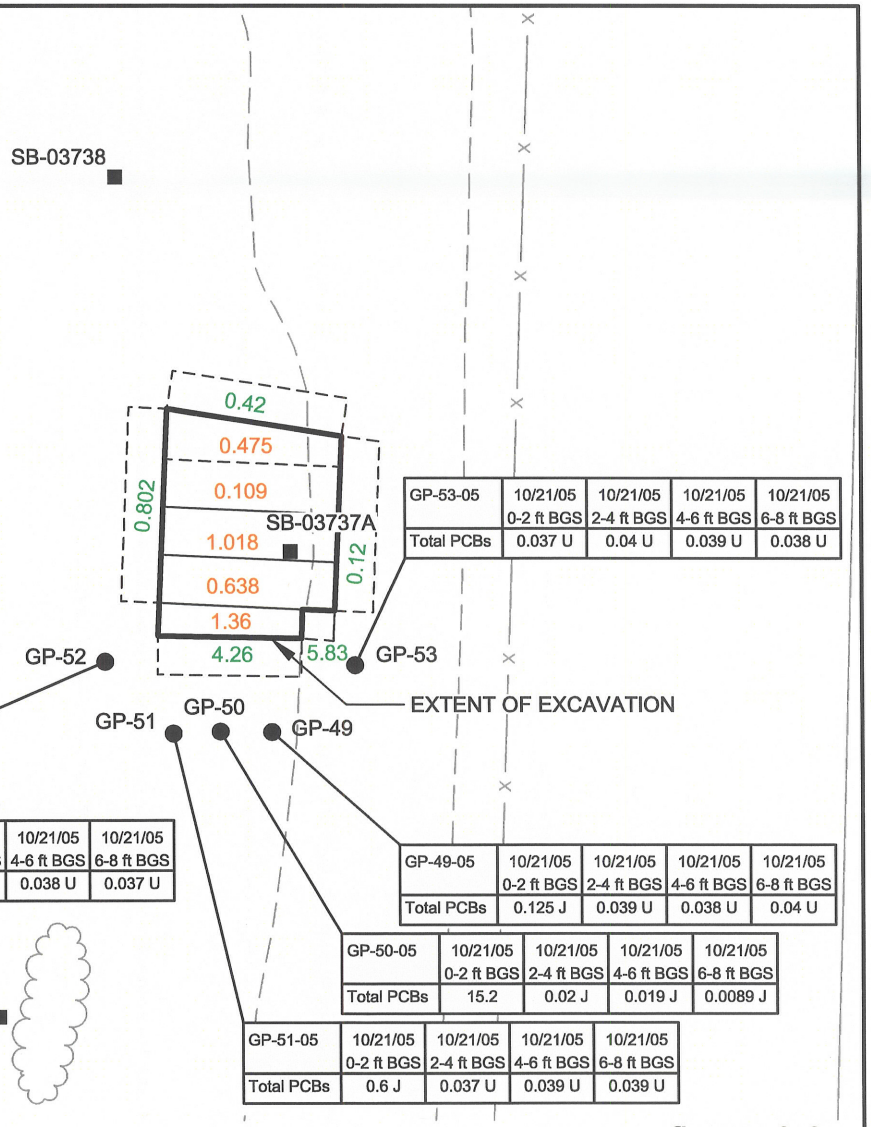
CRA

17075-30(028)GN-WA002 JUN 29/2006



KEY MAP





GP-53-05	10/21/05 0-2 ft BGS	10/21/05 2-4 ft BGS	10/21/05 4-6 ft BGS	10/21/05 6-8 ft BGS
Total PCBs	0.037 U	0.04 U	0.039 U	0.038 U

GP-52-05	10/21/05 0-2 ft BGS	10/21/05 2-4 ft BGS	10/21/05 4-6 ft BGS	10/21/05 6-8 ft BGS
Total PCBs	2.55	0.025 J	0.038 U	0.037 U

GP-49-05	10/21/05 0-2 ft BGS	10/21/05 2-4 ft BGS	10/21/05 4-6 ft BGS	10/21/05 6-8 ft BGS
Total PCBs	0.125 J	0.039 U	0.038 U	0.04 U

GP-50-05	10/21/05 0-2 ft BGS	10/21/05 2-4 ft BGS	10/21/05 4-6 ft BGS	10/21/05 6-8 ft BGS
Total PCBs	15.2	0.02 J	0.019 J	0.0089 J

GP-51-05	10/21/05 0-2 ft BGS	10/21/05 2-4 ft BGS	10/21/05 4-6 ft BGS	10/21/05 6-8 ft BGS
Total PCBs	0.6 J	0.037 U	0.039 U	0.039 U

LEGEND

- EXCAVATION LIMIT (DEPTH 8 ft.)
- EXCAVATION WALL PROJECTION
- 0.65 VERIFICATION SAMPLE RESULT (TOTAL PCBs) - EXCAVATION BOTTOM
- 0.3 VERIFICATION SAMPLE RESULT (TOTAL PCBs) - EXCAVATION SIDE WALL
- ■ PREVIOUS RFI INVESTIGATION LOCATION
- ● GEOPROBE INVESTIGATION LOCATION

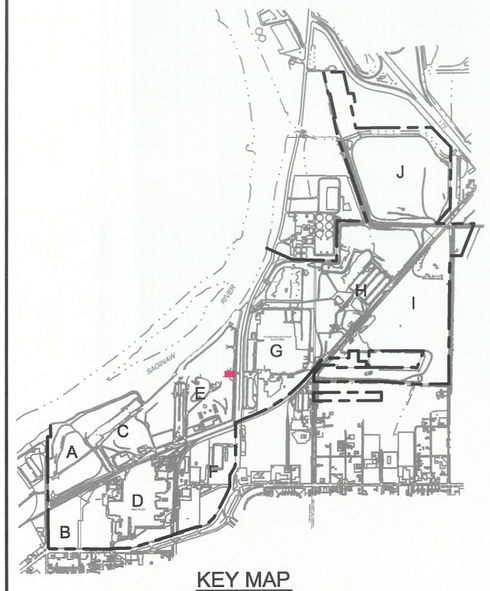
GP-80-05	11/22/05 — SAMPLE DATE
	6-8 ft BGS — SAMPLE DEPTH
Total PCBs	0.071 — RESULT

SAMPLE LOCATION

PARAMETER

figure 2.3

SB-03737A FINAL EXCAVATION LIMITS AND SAMPLE RESULTS
GENERAL MOTORS CORPORATION
SAGINAW METAL CASTING OPERATIONS
Saginaw, Michigan



KEY MAP

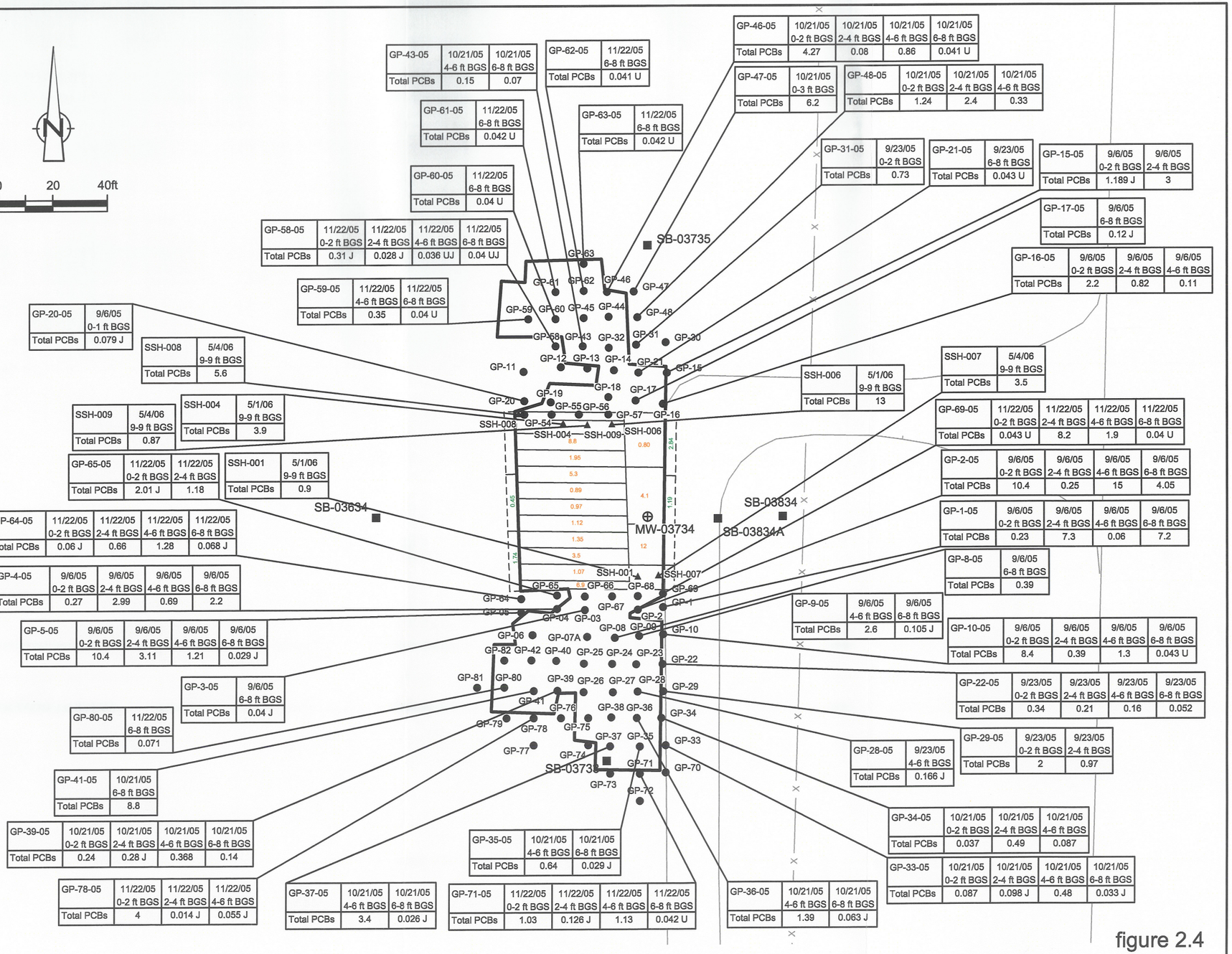
LEGEND

- EXCAVATION LIMIT
- EXCAVATION WALL PROJECTION
- 0.65 VERIFICATION SAMPLE RESULT (TOTAL PCBs) - EXCAVATION BOTTOM
- 0.3 VERIFICATION SAMPLE RESULT (TOTAL PCBs) - EXCAVATION SIDE WALL
- ■ PREVIOUS RFI INVESTIGATION LOCATION
- ⊕ PREVIOUS RFI INVESTIGATION LOCATION
- ● GEOPROBE INVESTIGATION LOCATION
- ▲ VALIDATION SAMPLE LOCATION

GP-80-05	11/22/05	← SAMPLE DATE
	6-8 ft BGS	← SAMPLE DEPTH
Total PCBs	0.071	← RESULT

← SAMPLE LOCATION

← PARAMETER



GP-43-05	10/21/05	10/21/05
	4-6 ft BGS	6-8 ft BGS
Total PCBs	0.15	0.07

GP-62-05	11/22/05
	6-8 ft BGS
Total PCBs	0.041 U

GP-46-05	10/21/05	10/21/05	10/21/05	10/21/05
	0-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS
Total PCBs	4.27	0.08	0.86	0.041 U

GP-47-05	10/21/05
	0-3 ft BGS
Total PCBs	6.2

GP-48-05	10/21/05	10/21/05	10/21/05
	0-2 ft BGS	2-4 ft BGS	4-6 ft BGS
Total PCBs	1.24	2.4	0.33

GP-61-05	11/22/05
	6-8 ft BGS
Total PCBs	0.042 U

GP-63-05	11/22/05
	6-8 ft BGS
Total PCBs	0.042 U

GP-31-05	9/23/05
	0-2 ft BGS
Total PCBs	0.73

GP-21-05	9/23/05
	6-8 ft BGS
Total PCBs	0.043 U

GP-15-05	9/6/05	9/6/05
	0-2 ft BGS	2-4 ft BGS
Total PCBs	1.189 J	3

GP-17-05	9/6/05
	6-8 ft BGS
Total PCBs	0.12 J

GP-16-05	9/6/05	9/6/05	9/6/05
	0-2 ft BGS	2-4 ft BGS	4-6 ft BGS
Total PCBs	2.2	0.82	0.11

GP-60-05	11/22/05
	6-8 ft BGS
Total PCBs	0.04 U

GP-58-05	11/22/05	11/22/05	11/22/05	11/22/05
	0-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS
Total PCBs	0.31 J	0.028 J	0.036 UJ	0.04 UJ

GP-59-05	11/22/05	11/22/05
	4-6 ft BGS	6-8 ft BGS
Total PCBs	0.35	0.04 U

GP-20-05	9/6/05
	0-1 ft BGS
Total PCBs	0.079 J

SSH-008	5/4/06
	9-9 ft BGS
Total PCBs	5.6

SSH-009	5/4/06
	9-9 ft BGS
Total PCBs	0.87

SSH-004	5/1/06
	9-9 ft BGS
Total PCBs	3.9

GP-65-05	11/22/05	11/22/05
	0-2 ft BGS	2-4 ft BGS
Total PCBs	2.01 J	1.18

SSH-001	5/1/06
	9-9 ft BGS
Total PCBs	0.9

GP-64-05	11/22/05	11/22/05	11/22/05	11/22/05
	0-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS
Total PCBs	0.06 J	0.66	1.28	0.068 J

GP-4-05	9/6/05	9/6/05	9/6/05	9/6/05
	0-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS
Total PCBs	0.27	2.99	0.69	2.2

GP-5-05	9/6/05	9/6/05	9/6/05	9/6/05
	0-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS
Total PCBs	10.4	3.11	1.21	0.029 J

GP-3-05	9/6/05
	6-8 ft BGS
Total PCBs	0.04 J

GP-80-05	11/22/05
	6-8 ft BGS
Total PCBs	0.071

GP-41-05	10/21/05
	6-8 ft BGS
Total PCBs	8.8

GP-39-05	10/21/05	10/21/05	10/21/05	10/21/05
	0-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS
Total PCBs	0.24	0.28 J	0.368	0.14

GP-78-05	11/22/05	11/22/05	11/22/05
	0-2 ft BGS	2-4 ft BGS	4-6 ft BGS
Total PCBs	4	0.014 J	0.055 J

GP-37-05	10/21/05	10/21/05
	4-6 ft BGS	6-8 ft BGS
Total PCBs	3.4	0.026 J

GP-35-05	10/21/05	10/21/05
	4-6 ft BGS	6-8 ft BGS
Total PCBs	0.64	0.029 J

GP-71-05	11/22/05	11/22/05	11/22/05	11/22/05
	0-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS
Total PCBs	1.03	0.126 J	1.13	0.042 U

GP-36-05	10/21/05	10/21/05
	4-6 ft BGS	6-8 ft BGS
Total PCBs	1.39	0.063 J

SSH-006	5/1/06
	9-9 ft BGS
Total PCBs	13

SSH-007	5/4/06
	9-9 ft BGS
Total PCBs	3.5

GP-69-05	11/22/05	11/22/05	11/22/05	11/22/05
	0-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS
Total PCBs	0.043 U	8.2	1.9	0.04 U

GP-2-05	9/6/05	9/6/05	9/6/05	9/6/05
	0-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS
Total PCBs	10.4	0.25	15	4.05

GP-1-05	9/6/05	9/6/05	9/6/05	9/6/05
	0-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS
Total PCBs	0.23	7.3	0.06	7.2

GP-8-05	9/6/05
	6-8 ft BGS
Total PCBs	0.39

GP-9-05	9/6/05	9/6/05
	4-6 ft BGS	6-8 ft BGS
Total PCBs	2.6	0.105 J

GP-10-05	9/6/05	9/6/05	9/6/05	9/6/05
	0-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS
Total PCBs	8.4	0.39	1.3	0.043 U

GP-22-05	9/23/05	9/23/05	9/23/05	9/23/05
	0-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS
Total PCBs	0.34	0.21	0.16	0.052

GP-28-05	9/23/05
	4-6 ft BGS
Total PCBs	0.166 J

GP-29-05	9/23/05	9/23/05
	0-2 ft BGS	2-4 ft BGS
Total PCBs	2	0.97

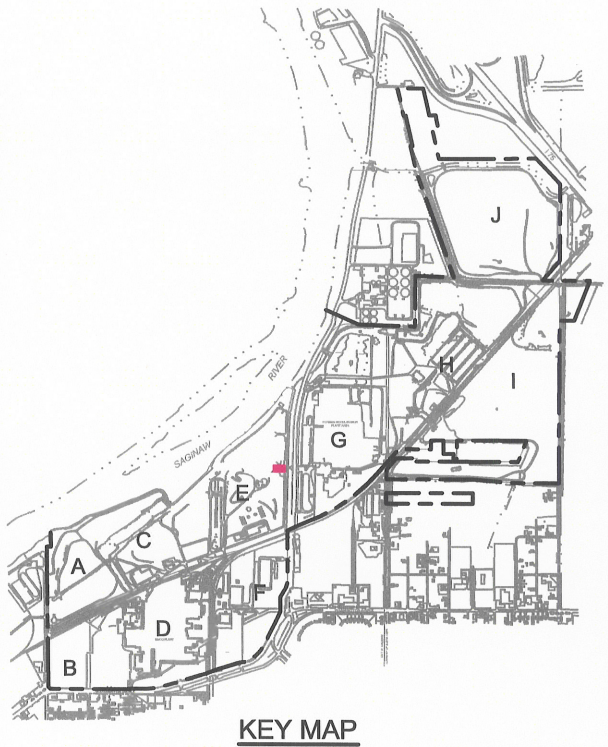
GP-34-05	10/21/05	10/21/05	10/21/05
	0-2 ft BGS	2-4 ft BGS	4-6 ft BGS
Total PCBs	0.037	0.49	0.087

GP-33-05	10/21/05	10/21/05	10/21/05	10/21/05
	0-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS
Total PCBs	0.087	0.098 J	0.48	0.033 J

figure 2.4

MW-03734 FINAL EXCAVATION LIMITS AND SAMPLE RESULTS
GENERAL MOTORS CORPORATION
SAGINAW METAL CASTING OPERATIONS
Saginaw, Michigan

17075-30(028)GN-WA003 JUN 28/2006



KEY MAP

0 10 20ft

SB-03735
GP-63
GP-61 GP-62 GP-46 GP-47
GP-59 GP-60 GP-45 GP-44 GP-48
GP-58 GP-43 GP-32 GP-31 GP-30
GP-12 GP-13 GP-14 GP-15
GP-11 GP-21
GP-20 GP-19 GP-18 GP-17
GP-55 GP-56 GP-16
GP-54 GP-57
SSH-008 SSH-004 SSH-006
SSH-009
SB-03634
MW-03734
SB-03834
SB-03834A
SSH-001 SSH-007
GP-64 GP-65 GP-66 GP-67 GP-68 GP-69
GP-05 GP-04 GP-03 GP-2 GP-1
GP-06 GP-08 GP-09 GP-10
GP-07A
GP-82 GP-42 GP-40 GP-25 GP-24 GP-23 GP-22
GP-81 GP-80 GP-39 GP-26 GP-27 GP-28 GP-29
GP-41
GP-76 GP-38 GP-36 GP-34
GP-79 GP-78 GP-75
GP-37 GP-35 GP-33
GP-77 GP-74
SB-03733
GP-71 GP-70
GP-73
GP-72

LEGEND

- EXCAVATION LIMIT
- EXCAVATION WALL PROJECTION

>50ppm PCB
- EXCAVATED TO 9 FEET
- EXCAVATED TO 8 FEET
- EXCAVATED TO 6 FEET
- EXCAVATED TO 4 FEET

<50ppm PCB
- EXCAVATED TO 8 FEET
- EXCAVATED TO 6 FEET
- EXCAVATED TO 4 FEET

SPECIAL CASES
- EXCAVATED TO 4 FEET AS <50ppm PCB AND TO 8 FEET AS >50ppm PCB
- PREVIOUS RFI INVESTIGATION LOCATION
- GEOPROBE INVESTIGATION LOCATION
- PREVIOUS RFI INVESTIGATION LOCATION
- VALIDATION SAMPLE LOCATION

figure 2.5

MW-03734 FINAL EXCAVATION LIMITS AND DEPTHS
GENERAL MOTORS CORPORATION
SAGINAW METAL CASTING OPERATIONS
Saginaw, Michigan

CRA

17075-30(028)GN-WA008 AUG 09/2006

TABLE 2.1

ANALYTICAL RESULTS SUMMARY
EXCAVATION VERIFICATION SAMPLING
SMCO
JULY - AUGUST 2005 AND MAY 2006

Sample Location:		*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*
Sample ID:		*S-072205-SSH-401*	*S-072205-SSH-402*	*S-072205-SSH-403*	*S-072905-SSH-404*	*S-072905-SSH-405*	*S-072905-SSH-406*	*S-072905-SSH-407*
Sample Date:		*7/22/2005*	*7/22/2005*	*7/22/2005*	*7/29/2005*	*7/29/2005*	*7/29/2005*	*7/29/2005*
Sample Depth:		*0-4 ft BGS*	*0-4 ft BGS*	*4-4 ft BGS*	*0-6 ft BGS*	*0-6 ft BGS*	*0-6 ft BGS*	*0-6 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	3500 U	3500 U	360 U	400 U	350 U	7100 U	380 U
Aroclor-1221 (PCB-1221)	µg/kg	3500 U	3500 U	360 U	400 U	350 U	7100 U	380 U
Aroclor-1232 (PCB-1232)	µg/kg	3500 U	3500 U	360 U	400 U	350 U	7100 U	380 U
Aroclor-1242 (PCB-1242)	µg/kg	3500 U	3500 U	360 U	400 U	6100	7100 U	380 U
Aroclor-1248 (PCB-1248)	µg/kg	22000	22000	1600	4100	350 U	20000	2700
Aroclor-1254 (PCB-1254)	µg/kg	3500 U	3500 U	360 U	400 U	350 U	7100 U	380 U
Aroclor-1260 (PCB-1260)	µg/kg	2100 J	2500 J	4000	4900	680	110000	5200
Total PCBs	µg/kg	24100 J	24500 J	5600	9000	6780	130000	7900

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.1

ANALYTICAL RESULTS SUMMARY
EXCAVATION VERIFICATION SAMPLING
SMCO
JULY - AUGUST 2005 AND MAY 2006

Sample Location:		*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*
Sample ID:		*S-072905-SSH-408*	*S-072905-SSH-409*	*S-080405-JY-410*	*S-080405-JY-411*	*S-080405-JY-412*	*S-080405-JY-413*	*S-080405-JY-414*
Sample Date:		*7/29/2005*	*7/29/2005*	*8/4/2005*	*8/4/2005*	*8/4/2005*	*8/4/2005*	*8/4/2005*
Sample Depth:		*0-6 ft BGS*	*0-6 ft BGS*	*0-6 ft BGS*	*0-6 ft BGS*	*0-6 ft BGS*	*0-6 ft BGS*	*0-6 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	380 U	2000 U	840 U	190 U	1700 U	8100 U	43 UJ
Aroclor-1221 (PCB-1221)	µg/kg	380 U	2000 U	840 U	190 U	1700 U	8100 U	43 UJ
Aroclor-1232 (PCB-1232)	µg/kg	380 U	2000 U	840 U	190 U	1700 U	8100 U	43 UJ
Aroclor-1242 (PCB-1242)	µg/kg	380 U	2000 U	840 U	190 U	1700 U	8100 U	43 UJ
Aroclor-1248 (PCB-1248)	µg/kg	1400	3200	6000	2300	1700 U	8100 U	290 J
Aroclor-1254 (PCB-1254)	µg/kg	380 U	2000 U	840 U	190 U	1700 U	11000	43 UJ
Aroclor-1260 (PCB-1260)	µg/kg	3700	15000	1600	840	17000	8100 U	190 J
Total PCBs	µg/kg	5100	18200	7600	3140	17000	11000	480 J

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.1

ANALYTICAL RESULTS SUMMARY
EXCAVATION VERIFICATION SAMPLING
SMCO
JULY - AUGUST 2005 AND MAY 2006

Sample Location:		*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*
Sample ID:		*S-080405-JY-415*	*S-080405-JY-416*	*S-080405-JY-417*	*S-080405-JY-418*	*S-080405-JY-419*	*S-080405-JY-420*	*S-080405-JY-421*	*S-081105-SSH-422*
Sample Date:		*8/4/2005*	*8/4/2005*	*8/4/2005*	*8/4/2005*	*8/4/2005*	*8/4/2005*	*8/4/2005*	*8/11/2005*
Sample Depth:		*0-6 ft BGS*	*0-6 ft BGS*	*0-6 ft BGS*	*0-6 ft BGS*	*0-6 ft BGS*	*0-6 ft BGS*	*0-6 ft BGS*	*0-8 ft BGS*
Parameters:	*Units*								
Polychlorinated Biphenyls									
Aroclor-1016 (PCB-1016)	µg/kg	73 U	400 U	780 U	860 U	7400 U	390 U	3800 U	3500 U
Aroclor-1221 (PCB-1221)	µg/kg	73 U	400 U	780 U	860 U	7400 U	390 U	3800 U	3500 U
Aroclor-1232 (PCB-1232)	µg/kg	73 U	400 U	780 U	860 U	7400 U	390 U	3800 U	3500 U
Aroclor-1242 (PCB-1242)	µg/kg	73 U	400 U	780 U	860 U	7400 U	390 U	3800 U	3500 U
Aroclor-1248 (PCB-1248)	µg/kg	360	3100	3500	2400	18000	2300	14000	26000
Aroclor-1254 (PCB-1254)	µg/kg	73 U	400 U	780 U	860 U	7400 U	390 U	3800 U	3500 U
Aroclor-1260 (PCB-1260)	µg/kg	46 J	4800	11000	7800	71000	7000	61000	4500
Total PCBs	µg/kg	406 J	7900	14500	10200	89000	9300	75000	30500

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.1

ANALYTICAL RESULTS SUMMARY
EXCAVATION VERIFICATION SAMPLING
SMCO
JULY - AUGUST 2005 AND MAY 2006

Sample Location:		*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*
Sample ID:		*S-081105-SSH-423*	*S-081105-SSH-424*	*S-081105-SSH-425*	*S-081105-SSH-426*	*S-081105-SSH-427*	*S-081105-SSH-428*	*S-081105-SSH-429*
Sample Date:		*8/11/2005*	*8/11/2005*	*8/11/2005*	*8/11/2005*	*8/11/2005*	*8/11/2005*	*8/11/2005*
Sample Depth:		*0-8 ft BGS*	*0-8 ft BGS*	*0-8 ft BGS*	*0-8 ft BGS*	*0-8 ft BGS*	*0-8 ft BGS*	*0-8 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	2000 U	350 U	69 U	35 U	35 U	3500 U	7000 U
Aroclor-1221 (PCB-1221)	µg/kg	2000 U	350 U	69 U	35 U	35 U	3500 U	7000 U
Aroclor-1232 (PCB-1232)	µg/kg	2000 U	350 U	69 U	35 U	35 U	3500 U	7000 U
Aroclor-1242 (PCB-1242)	µg/kg	2000 U	350 U	69 U	35 U	35 U	3500 U	7000 U
Aroclor-1248 (PCB-1248)	µg/kg	1700 J	2200	640	150	99	25000	45000
Aroclor-1254 (PCB-1254)	µg/kg	2000 U	350 U	69 U	35 U	35 U	3500 U	7000 U
Aroclor-1260 (PCB-1260)	µg/kg	31000	4700	1100	300	160	4400	3500 J
Total PCBs	µg/kg	32700 J	6900	1740	450	259	29400	48500 J

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.1

ANALYTICAL RESULTS SUMMARY
EXCAVATION VERIFICATION SAMPLING
SMCO
JULY - AUGUST 2005 AND MAY 2006

Sample Location:		*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*
Sample ID:		*S-081105-SSH-430*	*S-081105-SSH-431*	*S-081105-SSH-432*	*S-081105-SSH-433*	*S-081105-SSH-434*	*S-081105-SSH-435*	*S-081105-SSH-436*
Sample Date:		*8/11/2005*	*8/11/2005*	*8/11/2005*	*8/11/2005*	*8/11/2005*	*8/11/2005*	*8/11/2005*
Sample Depth:		*0-8 ft BGS*	*0-8 ft BGS*	*0-8 ft BGS*	*0-8 ft BGS*	*0-8 ft BGS*	*0-8 ft BGS*	*0-8 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	72 U	180 U	72 U	700 U	820 U	220 U	210 U
Aroclor-1221 (PCB-1221)	µg/kg	72 U	180 U	72 U	700 U	820 U	220 U	210 U
Aroclor-1232 (PCB-1232)	µg/kg	72 U	180 U	72 U	700 U	820 U	220 U	210 U
Aroclor-1242 (PCB-1242)	µg/kg	72 U	180 U	72 U	700 U	820 U	220 U	210 U
Aroclor-1248 (PCB-1248)	µg/kg	320	340	470	700 U	3200	1600 J	560
Aroclor-1254 (PCB-1254)	µg/kg	72 U	180 U	72 U	700 U	820 U	220 U	210 U
Aroclor-1260 (PCB-1260)	µg/kg	950	2500	720	12000	7500	1900 J	790
Total PCBs	µg/kg	1270	2840	1190	12000	10700	3500 J	1350

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.1

ANALYTICAL RESULTS SUMMARY
EXCAVATION VERIFICATION SAMPLING
SMCO
JULY - AUGUST 2005 AND MAY 2006

Sample Location:		*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*
Sample ID:		*S-081105-SSH-437*	*S-081105-SSH-438*	*S-081105-SSH-439*	*S-081105-SSH-440*	*S-081105-SSH-441*	*S-081105-SSH-442*	*S-081105-SSH-443*
Sample Date:		*8/11/2005*	*8/11/2005*	*8/11/2005*	*8/11/2005*	*8/11/2005*	*8/11/2005*	*8/11/2005*
Sample Depth:		*0-8 ft BGS*	*0-8 ft BGS*	*0-8 ft BGS*	*0-8 ft BGS*	*0-8 ft BGS*	*0-8 ft BGS*	*0-8 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	210 U	82 U	40 U	190 U	200 U	420 U	4200 U
Aroclor-1221 (PCB-1221)	µg/kg	210 U	82 U	40 U	190 U	200 U	420 U	4200 U
Aroclor-1232 (PCB-1232)	µg/kg	210 U	82 U	40 U	190 U	200 U	420 U	4200 U
Aroclor-1242 (PCB-1242)	µg/kg	210 U	82 U	240	2800	550 J	420 U	4200 U
Aroclor-1248 (PCB-1248)	µg/kg	290	330	40 U	190 U	200 U	6300	27000
Aroclor-1254 (PCB-1254)	µg/kg	210 U	82 U	40 U	190 U	200 U	420 U	4200 U
Aroclor-1260 (PCB-1260)	µg/kg	830	640	650	2500	1400 J	2500	4400
Total PCBs	µg/kg	1120	970	890	5300	1950 J	8800	31400

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.1

ANALYTICAL RESULTS SUMMARY
EXCAVATION VERIFICATION SAMPLING
SMCO
JULY - AUGUST 2005 AND MAY 2006

Sample Location:		*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*
Sample ID:		*S-081105-SSH-444*	*S-081105-SSH-445*	*S-050106-SSH-001*	*S-050106-SSH-002*	*S-050106-SSH-003*	*S-050106-SSH-004*	*S-050106-SSH-005*
Sample Date:		*8/11/2005*	*8/11/2005*	*5/1/2006*	*5/1/2006*	*5/1/2006*	*5/1/2006*	*5/1/2006*
Sample Depth:		*0-8 ft BGS*	*0-8 ft BGS*	*9-9 ft BGS*	*9-9 ft BGS*	*9-9 ft BGS*	*9-9 ft BGS*	*9-9 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	39 U	200 U	85 U	2200 U	910 U	450 U	2100 U
Aroclor-1221 (PCB-1221)	µg/kg	39 U	200 U	85 U	2200 U	910 U	450 U	2100 U
Aroclor-1232 (PCB-1232)	µg/kg	39 U	200 U	85 U	2200 U	910 U	450 U	2100 U
Aroclor-1242 (PCB-1242)	µg/kg	39 U	200 U	85 U	2200 U	910 U	450 U	2100 U
Aroclor-1248 (PCB-1248)	µg/kg	340	2600	85 U	2200 U	10000	2900	25000
Aroclor-1254 (PCB-1254)	µg/kg	39 U	200 U	85 U	2200 U	910 U	450 U	2100 U
Aroclor-1260 (PCB-1260)	µg/kg	460	1500	900	21000	7600	1000	1900 J
Total PCBs	µg/kg	800	4100	900	21000	17600	3900	26900 J

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.1

ANALYTICAL RESULTS SUMMARY
EXCAVATION VERIFICATION SAMPLING
SMCO
JULY - AUGUST 2005 AND MAY 2006

Sample Location:		*MW-03734*	*MW-03734*	*MW-03734*	*MW-03734*	*SB-298*	*SB-298*	*SB-298*
Sample ID:		*S-050106-SSH-006*	*S-050406-SSH-007*	*S-050406-SSH-008*	*S-050406-SSH-009*	*S-072105-SSH-201*	*S-072105-SSH-202*	*S-072105-SSH-203*
Sample Date:		*5/1/2006*	*5/4/2006*	*5/4/2006*	*5/4/2006*	*7/21/2005*	*7/21/2005*	*7/21/2005*
Sample Depth:		*9-9 ft BGS*	*9-9 ft BGS*	*9-9 ft BGS*	*9-9 ft BGS*	*0-4 ft BGS*	*0-4 ft BGS*	*0-4 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	2100 U	440 U	430 U	86 U	71 U	81 U	39 U
Aroclor-1221 (PCB-1221)	µg/kg	2100 U	440 U	430 U	86 U	71 U	81 U	39 U
Aroclor-1232 (PCB-1232)	µg/kg	2100 U	440 U	430 U	86 U	71 U	81 U	39 U
Aroclor-1242 (PCB-1242)	µg/kg	2100 U	440 U	430 U	86 U	68 J	81 U	39 U
Aroclor-1248 (PCB-1248)	µg/kg	13000	1900	4400	660	71 U	81 U	39 U
Aroclor-1254 (PCB-1254)	µg/kg	2100 U	440 U	430 U	86 U	71 U	81 U	39 U
Aroclor-1260 (PCB-1260)	µg/kg	2100 U	1600	1200	210	630	1200	320
Total PCBs	µg/kg	13000	3500	5600	870	698 J	1200	320

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.1

ANALYTICAL RESULTS SUMMARY
EXCAVATION VERIFICATION SAMPLING
SMCO
JULY - AUGUST 2005 AND MAY 2006

Sample Location:		*SB-298*	*SB-298*	*SB-298 (excavation)*	*SB-00709*	*SB-00709*	*SB-00709*	*SB-03737A*
Sample ID:		*S-072805-SSH-204*	*S-072805-SSH-205*	*S-080305-JY-206*	*S-072005-SSH-C1*	*S-072005-SSH-C2*	*S-072005-SSH-C3*	*S-072105-SSH-301*
Sample Date:		*7/28/2005*	*7/28/2005*	*8/3/2005*	*7/20/2005*	*7/20/2005*	*7/20/2005*	*7/21/2005*
Sample Depth:		*0-4 ft BGS*	*0-4 ft BGS*	*0-4 ft BGS*	*0-4 ft BGS*	*0-4 ft BGS*	*4-4 ft BGS*	*0-2 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	3900 U	73 U	190 U	75 U	36 U	41 U	360 U
Aroclor-1221 (PCB-1221)	µg/kg	3900 U	73 U	190 U	75 U	36 U	41 U	360 U
Aroclor-1232 (PCB-1232)	µg/kg	3900 U	73 U	190 U	75 U	36 U	41 U	360 U
Aroclor-1242 (PCB-1242)	µg/kg	3900 U	73 U	190 U	220	27 J	46	360 U
Aroclor-1248 (PCB-1248)	µg/kg	3900 U	73 U	190 U	75 U	36 U	41 U	4700
Aroclor-1254 (PCB-1254)	µg/kg	3900 U	73 U	190 U	75 U	36 U	41 U	360 U
Aroclor-1260 (PCB-1260)	µg/kg	4800	710	2000	82	47 J	19 J	470
Total PCBs	µg/kg	4800	710	2000	302	74 J	65 J	5170

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.1

ANALYTICAL RESULTS SUMMARY
EXCAVATION VERIFICATION SAMPLING
SMCO
JULY - AUGUST 2005 AND MAY 2006

Sample Location:		*SB-03737A*	*SB-03737A*	*SB-03737A*	*SB-03737A*	*SB-03737A*	*SB-03737A*	*SB-03737A*
Sample ID:		*S-072105-SSH-302*	*S-072105-SSH-303*	*S-072705-SSH-304*	*S-072705-SSH-305*	*S-072705-SSH-306*	*S-072705-SSH-307*	*S-080805-SSH-316*
Sample Date:		*7/21/2005*	*7/21/2005*	*7/27/2005*	*7/27/2005*	*7/27/2005*	*7/27/2005*	*8/8/2005*
Sample Depth:		*0-2 ft BGS*	*0-2 ft BGS*	*0-4 ft BGS*	*0-4 ft BGS*	*0-4 ft BGS*	*0-4 ft BGS*	*0-8 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	390 U	420 U	390 U	380 U	400 U	200 U	200 U
Aroclor-1221 (PCB-1221)	µg/kg	390 U	420 U	390 U	380 U	400 U	200 U	200 U
Aroclor-1232 (PCB-1232)	µg/kg	390 U	420 U	390 U	380 U	400 U	200 U	200 U
Aroclor-1242 (PCB-1242)	µg/kg	390 U	420 U	390 U	380 U	400 U	200 U	200 U
Aroclor-1248 (PCB-1248)	µg/kg	2200	5700	2900	1900	4000	1100	2100
Aroclor-1254 (PCB-1254)	µg/kg	390 U	420 U	390 U	380 U	400 U	200 U	200 U
Aroclor-1260 (PCB-1260)	µg/kg	190 J	840	290 J	150 J	260 J	130 J	240
Total PCBs	µg/kg	2390 J	6540	3190 J	2050 J	4260 J	1230 J	2340

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.1

ANALYTICAL RESULTS SUMMARY
EXCAVATION VERIFICATION SAMPLING
SMCO
JULY - AUGUST 2005 AND MAY 2006

Sample Location:		*SB-03737A*	*SB-03737A*	*SB-03737A*	*SB-03737A(excavation)*	*SB-03737A(excavation)*	*SB-03737A(excavation)*
Sample ID:		*S-080805-SSH-317*	*S-081105-SSH-318*	*S-081105-SSH-319*	*S-080205-JY-308*	*S-080205-JY-309*	*S-080205-JY-310*
Sample Date:		*8/8/2005*	*8/11/2005*	*8/11/2005*	*8/2/2005*	*8/2/2005*	*8/2/2005*
Sample Depth:		*0-8 ft BGS*	*0-4 ft BGS*	*4-8 ft BGS*	*0-8 ft BGS*	*0-8 ft BGS*	*0-8 ft BGS*
Parameters:	*Units*						
Polychlorinated Biphenyls							
Aroclor-1016 (PCB-1016)	µg/kg	370 U	370 U	200 U	38 U	38 U	38 U
Aroclor-1221 (PCB-1221)	µg/kg	370 U	370 U	200 U	38 U	38 U	38 U
Aroclor-1232 (PCB-1232)	µg/kg	370 U	370 U	200 U	38 U	38 U	38 U
Aroclor-1242 (PCB-1242)	µg/kg	370 U	370 U	200 U	38 U	38 U	38 U
Aroclor-1248 (PCB-1248)	µg/kg	4700	3800	1200	380	440	96
Aroclor-1254 (PCB-1254)	µg/kg	370 U	370 U	200 U	38 U	38 U	38 U
Aroclor-1260 (PCB-1260)	µg/kg	520	460	160 J	40	35 J	24 J
Total PCBs	µg/kg	5220	4260	1360 J	420	475 J	120 J

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.1

ANALYTICAL RESULTS SUMMARY
EXCAVATION VERIFICATION SAMPLING
SMCO
JULY - AUGUST 2005 AND MAY 2006

Sample Location:		*SB-03737A(excavation)*	*SB-03737A(excavation)*	*SB-03737A(excavation)*	*SB-03737A(excavation)*	*SB-03737A(excavation)*
Sample ID:		*S-080205-JY-311*	*S-080205-JY-312*	*S-080205-JY-313*	*S-080205-JY-314*	*S-080205-JY-315*
Sample Date:		*8/2/2005*	*8/2/2005*	*8/2/2005*	*8/2/2005*	*8/2/2005*
Sample Depth:		*0-8 ft BGS*	*0-8 ft BGS*	*0-8 ft BGS*	*0-8 ft BGS*	*0-8 ft BGS*
Parameters:	*Units*					
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	µg/kg	42 U	38 U	74 U	81 U	450 U
Aroclor-1221 (PCB-1221)	µg/kg	42 U	38 U	74 U	81 U	450 U
Aroclor-1232 (PCB-1232)	µg/kg	42 U	38 U	74 U	81 U	450 U
Aroclor-1242 (PCB-1242)	µg/kg	42 U	38 U	74 U	81 U	450 U
Aroclor-1248 (PCB-1248)	µg/kg	740	99	920	580	5300
Aroclor-1254 (PCB-1254)	µg/kg	42 U	38 U	74 U	81 U	450 U
Aroclor-1260 (PCB-1260)	µg/kg	62	10 J	98	58 J	530
Total PCBs	µg/kg	802	109 J	1018	638 J	5830

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-1-05*	*GP-1-05*	*GP-1-05*	*GP-1-05*	*GP-2-05*	*GP-2-05*
Sample ID:		*S-17075-090605-JY-501*	*S-17075-090605-JY-502*	*S-17075-090605-JY-503*	*S-17075-090605-JY-504*	*S-17075-090605-JY-505*	*S-17075-090605-JY-506*
Sample Date:		*9/6/2005*	*9/6/2005*	*9/6/2005*	*9/6/2005*	*9/6/2005*	*9/6/2005*
Sample Depth:		*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*
Parameters:	*Units*						
Polychlorinated Biphenyls							
Aroclor-1016 (PCB-1016)	µg/kg	37 U	700 U	38 U	780 U	860 U	35 U
Aroclor-1221 (PCB-1221)	µg/kg	37 U	700 U	38 U	780 U	860 U	35 U
Aroclor-1232 (PCB-1232)	µg/kg	37 U	700 U	38 U	780 U	860 U	35 U
Aroclor-1242 (PCB-1242)	µg/kg	37 U	700 U	38 U	780 U	860 U	35 U
Aroclor-1248 (PCB-1248)	µg/kg	120	700 U	38 U	780 U	8900	35 U
Aroclor-1254 (PCB-1254)	µg/kg	37 U	7300	60	7200	860 U	35 U
Aroclor-1260 (PCB-1260)	µg/kg	110	700 U	38 U	780 U	1500	250
Total PCBs	µg/kg	230	7300	60	7200	10400	250

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-2-05*	*GP-2-05*	*GP-3-05*	*GP-3-05*	*GP-3-05*
Sample ID:		*S-17075-090605-JY-507*	*S-17075-090605-JY-508*	*S-17075-090605-JY-509*	*S-17075-090605-JY-510*	*S-17075-090605-JY-511*
Sample Date:		*9/6/2005*	*9/6/2005*	*9/6/2005*	*9/6/2005*	*9/6/2005*
Sample Depth:		*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameters:	***Units***					
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	µg/kg	1800 U	410 U	34 U	170 U	180 U
Aroclor-1221 (PCB-1221)	µg/kg	1800 U	410 U	34 U	170 U	180 U
Aroclor-1232 (PCB-1232)	µg/kg	1800 U	410 U	34 U	170 U	180 U
Aroclor-1242 (PCB-1242)	µg/kg	1800 U	410 U	34 U	170 U	180 U
Aroclor-1248 (PCB-1248)	µg/kg	1800 U	850	67	2500	180 U
Aroclor-1254 (PCB-1254)	µg/kg	15000	410 U	34 U	170 U	180 U
Aroclor-1260 (PCB-1260)	µg/kg	1800 U	3200	82	1200	1900
Total PCBs	µg/kg	15000	4050	149	3700	1900

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-3-05*	*GP-4-05*	*GP-4-05*	*GP-4-05*	*GP-4-05*
Sample ID:		*S-17075-090605-JY-512*	*S-17075-090605-JY-513*	*S-17075-090605-JY-514*	*S-17075-090605-JY-515*	*S-17075-090605-JY-516*
Sample Date:		*9/6/2005*	*9/6/2005*	*9/6/2005*	*9/6/2005*	*9/6/2005*
Sample Depth:		*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*
Parameters:	*Units*					
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	µg/kg	40 U	36 U	180 U	180 U	390 U
Aroclor-1221 (PCB-1221)	µg/kg	40 U	36 U	180 U	180 U	390 U
Aroclor-1232 (PCB-1232)	µg/kg	40 U	36 U	180 U	180 U	390 U
Aroclor-1242 (PCB-1242)	µg/kg	40 U	36 U	180 U	180 U	390 U
Aroclor-1248 (PCB-1248)	µg/kg	40 U	170	890	180 U	390 U
Aroclor-1254 (PCB-1254)	µg/kg	40 J	36 U	180 U	180 U	2200
Aroclor-1260 (PCB-1260)	µg/kg	40 U	100	2100	690	390 U
Total PCBs	µg/kg	40 J	270	2990	690	2200

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-5-05*	*GP-5-05*	*GP-5-05*	*GP-5-05*	*GP-8-05*
Sample ID:		*S-17075-090605-JY-517*	*S-17075-090605-JY-518*	*S-17075-090605-JY-519*	*S-17075-090605-JY-520*	*S-17075-090605-JY-529*
Sample Date:		*9/6/2005*	*9/6/2005*	*9/6/2005*	*9/6/2005*	*9/6/2005*
Sample Depth:		*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*
Parameters:	*Units*					
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	µg/kg	750 U	350 U	180 U	39 U	690 U
Aroclor-1221 (PCB-1221)	µg/kg	750 U	350 U	180 U	39 U	690 U
Aroclor-1232 (PCB-1232)	µg/kg	750 U	350 U	180 U	39 U	690 U
Aroclor-1242 (PCB-1242)	µg/kg	750 U	350 U	180 U	39 U	690 U
Aroclor-1248 (PCB-1248)	µg/kg	1100	610	280	16 J	8800
Aroclor-1254 (PCB-1254)	µg/kg	750 U	350 U	180 U	39 U	690 U
Aroclor-1260 (PCB-1260)	µg/kg	9300	2500	930	13 J	850 J
Total PCBs	µg/kg	10400	3110	1210	29 J	9650 J

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-8-05*	*GP-8-05*	*GP-8-05*	*GP-9-05*	*GP-9-05*
Sample ID:		*S-17075-090605-JY-530*	*S-17075-090605-JY-531*	*S-17075-090605-JY-532*	*S-17075-090605-JY-533*	*S-17075-090605-JY-534*
Sample Date:		*9/6/2005*	*9/6/2005*	*9/6/2005*	*9/6/2005*	*9/6/2005*
Sample Depth:		*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*
Parameters:	*Units*					
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	µg/kg	1700 U	360 U	42 U	3500 U	71 U
Aroclor-1221 (PCB-1221)	µg/kg	1700 U	360 U	42 U	3500 U	71 U
Aroclor-1232 (PCB-1232)	µg/kg	1700 U	360 U	42 U	3500 U	71 U
Aroclor-1242 (PCB-1242)	µg/kg	1700 U	360 U	42 U	3500 U	71 U
Aroclor-1248 (PCB-1248)	µg/kg	1700 U	2100	180	21000	140
Aroclor-1254 (PCB-1254)	µg/kg	1700 U	360 U	42 U	3500 U	71 U
Aroclor-1260 (PCB-1260)	µg/kg	23000	1900	210	2300 J	450
Total PCBs	µg/kg	23000	4000	390	23300 J	590

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-9-05*	*GP-9-05*	*GP-10-05*	*GP-10-05*	*GP-10-05*
Sample ID:		*S-17075-090605-JY-535*	*S-17075-090605-JY-536*	*S-17075-090605-JY-537*	*S-17075-090605-JY-538*	*S-17075-090605-JY-539*
Sample Date:		*9/6/2005*	*9/6/2005*	*9/6/2005*	*9/6/2005*	*9/6/2005*
Sample Depth:		*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameters:	***Units***					
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	µg/kg	180 U	41 U	700 U	35 U	180 U
Aroclor-1221 (PCB-1221)	µg/kg	180 U	41 U	700 U	35 U	180 U
Aroclor-1232 (PCB-1232)	µg/kg	180 U	41 U	700 U	35 U	180 U
Aroclor-1242 (PCB-1242)	µg/kg	180 U	41 U	700 U	35 U	180 U
Aroclor-1248 (PCB-1248)	µg/kg	800	88 J	700 U	35 U	320
Aroclor-1254 (PCB-1254)	µg/kg	180 U	41 U	700 U	390	180 U
Aroclor-1260 (PCB-1260)	µg/kg	1800	17 J	8400	35 U	980
Total PCBs	µg/kg	2600	105 J	8400	390	1300

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-10-05*	*GP-14-05*	*GP-14-05*	*GP-15-05*	*GP-15-05*
Sample ID:		*S-17075-090605-JY-540*	*S-17075-090605-JY-551*	*S-17075-090605-JY-552*	*S-17075-090605-JY-553*	*S-17075-090605-JY-554*
Sample Date:		*9/6/2005*	*9/6/2005*	*9/6/2005*	*9/6/2005*	*9/6/2005*
Sample Depth:		*6-8 ft BGS*	*0-2 ft BGS*	*2-3 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*
Parameters:	*Units*					
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	µg/kg	43 U	350 U	36 U	180 U	370 U
Aroclor-1221 (PCB-1221)	µg/kg	43 U	350 U	36 U	180 U	370 U
Aroclor-1232 (PCB-1232)	µg/kg	43 U	350 U	36 U	180 U	370 U
Aroclor-1242 (PCB-1242)	µg/kg	43 U	4300	36 U	180 U	370 U
Aroclor-1248 (PCB-1248)	µg/kg	43 U	350 U	47	89 J	370 U
Aroclor-1254 (PCB-1254)	µg/kg	43 U	350 U	36 U	180 U	370 U
Aroclor-1260 (PCB-1260)	µg/kg	43 U	330 J	240	1100	3000
Total PCBs	µg/kg	43 U	4630 J	287	1189 J	3000

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-16-05*	*GP-16-05*	*GP-16-05*	*GP-17-05*	*GP-17-05*
Sample ID:		*S-17075-090605-JY-555*	*S-17075-090605-JY-556*	*S-17075-090605-JY-557*	*S-17075-090605-JY-558*	*S-17075-090605-JY-559*
Sample Date:		*9/6/2005*	*9/6/2005*	*9/6/2005*	*9/6/2005*	*9/6/2005*
Sample Depth:		*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*
Parameters:	*Units*					
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	µg/kg	410 U	230 U	44 U	75 U	4100 U
Aroclor-1221 (PCB-1221)	µg/kg	410 U	230 U	44 U	75 U	4100 U
Aroclor-1232 (PCB-1232)	µg/kg	410 U	230 U	44 U	75 U	4100 U
Aroclor-1242 (PCB-1242)	µg/kg	410 U	230 U	44 U	75 U	4100 U
Aroclor-1248 (PCB-1248)	µg/kg	410 U	230 U	44 U	75 U	4100 U
Aroclor-1254 (PCB-1254)	µg/kg	410 U	820	44 U	75 U	4100 U
Aroclor-1260 (PCB-1260)	µg/kg	2200	230 U	110	290	23000
Total PCBs	µg/kg	2200	820	110	290	23000

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-17-05*	*GP-17-05*	*GP-18-05*	*GP-18-05*	*GP-19-05*
Sample ID:		*S-17075-090605-JY-560*	*S-17075-090605-JY-561*	*S-17075-090605-JY-562*	*S-17075-090605-JY-563*	*S-17075-090605-JY-564*
Sample Date:		*9/6/2005*	*9/6/2005*	*9/6/2005*	*9/6/2005*	*9/6/2005*
Sample Depth:		*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*2-3 ft BGS*	*0-2 ft BGS*
Parameters:	***Units***					
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	µg/kg	43 UJ	45 UJ	420 U	210 U	82 U
Aroclor-1221 (PCB-1221)	µg/kg	43 UJ	45 UJ	420 U	210 U	82 U
Aroclor-1232 (PCB-1232)	µg/kg	43 UJ	45 UJ	420 U	210 U	82 U
Aroclor-1242 (PCB-1242)	µg/kg	43 UJ	45 UJ	420 U	210 U	82 U
Aroclor-1248 (PCB-1248)	µg/kg	43 UJ	45 UJ	3200	210 U	500
Aroclor-1254 (PCB-1254)	µg/kg	43 UJ	120 J	420 U	210 U	82 U
Aroclor-1260 (PCB-1260)	µg/kg	74 J	45 UJ	140 J	1100	65 J
Total PCBs	µg/kg	74 J	120 J	3340 J	1100	565 J

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-20-05*	*GP-21-05*	*GP-21-05*	*GP-21-05*	*GP-21-05*	*GP-22-05*	*GP-22-05*
Sample ID:		*S-17075-090605-JY-565*	*S-092305-SSH-601*	*S-092305-SSH-602*	*S-092305-SSH-603*	*S-092305-SSH-604*	*S-092305-SSH-605*	*S-092305-SSH-606*
Sample Date:		*9/6/2005*	*9/23/2005*	*9/23/2005*	*9/23/2005*	*9/23/2005*	*9/23/2005*	*9/23/2005*
Sample Depth:		*0-1 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	39 UJ	35 U	69 U	76 U	43 U	70 U	38 U
Aroclor-1221 (PCB-1221)	µg/kg	39 UJ	35 U	69 U	76 U	43 U	70 U	38 U
Aroclor-1232 (PCB-1232)	µg/kg	39 UJ	35 U	69 U	76 U	43 U	70 U	38 U
Aroclor-1242 (PCB-1242)	µg/kg	39 UJ	35 U	620	360	43 U	70 U	38 U
Aroclor-1248 (PCB-1248)	µg/kg	68 J	41	69 U	76 U	43 U	70 U	38 U
Aroclor-1254 (PCB-1254)	µg/kg	39 UJ	35 U	69 U	76 U	43 U	340	210
Aroclor-1260 (PCB-1260)	µg/kg	11 J	340	110	280	43 U	70 U	38 U
Total PCBs	µg/kg	79 J	381	730	640	43 U	340	210

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-22-05*	*GP-22-05*	*GP-23-05*	*GP-23-05*	*GP-23-05*	*GP-23-05*	*GP-24-05*
Sample ID:		*S-092305-SSH-607*	*S-092305-SSH-608*	*S-092305-SSH-609*	*S-092305-SSH-610*	*S-092305-SSH-611*	*S-092305-SSH-612*	*S-092305-SSH-613*
Sample Date:		*9/23/2005*	*9/23/2005*	*9/23/2005*	*9/23/2005*	*9/23/2005*	*9/23/2005*	*9/23/2005*
Sample Depth:		*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	80 U	41 U	350 U	7800 U	8100 U	41 U	35 U
Aroclor-1221 (PCB-1221)	µg/kg	80 U	41 U	350 U	7800 U	8100 U	41 U	35 U
Aroclor-1232 (PCB-1232)	µg/kg	80 U	41 U	350 U	7800 U	8100 U	41 U	35 U
Aroclor-1242 (PCB-1242)	µg/kg	80 U	41 U	350 U	7800 U	8100 U	41 U	35 U
Aroclor-1248 (PCB-1248)	µg/kg	80 U	41 U	4700	7800 U	8100 U	41 U	300
Aroclor-1254 (PCB-1254)	µg/kg	160	52	350 U	71000	64000	26 J	35 U
Aroclor-1260 (PCB-1260)	µg/kg	80 U	41 U	730	7800 U	8100 U	41 U	110
Total PCBs	µg/kg	160	52	5430	71000	64000	26 J	410

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-24-05*	*GP-25-05*	*GP-25-05*	*GP-25-05*	*GP-25-05*	*GP-26-05*	*GP-26-05*
Sample ID:		*S-092305-SSH-614*	*S-092305-SSH-615*	*S-092305-SSH-616*	*S-092305-SSH-617*	*S-092305-SSH-618*	*S-092305-SSH-619*	*S-092305-SSH-620*
Sample Date:		*9/23/2005*	*9/23/2005*	*9/23/2005*	*9/23/2005*	*9/23/2005*	*9/23/2005*	*9/23/2005*
Sample Depth:		*2-4 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*
Parameters:	***Units***							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	73 U	350 U	36 U	7300 U	42 U	35 U	72 U
Aroclor-1221 (PCB-1221)	µg/kg	73 U	350 U	36 U	7300 U	42 U	35 U	72 U
Aroclor-1232 (PCB-1232)	µg/kg	73 U	350 U	36 U	7300 U	42 U	35 U	72 U
Aroclor-1242 (PCB-1242)	µg/kg	73 U	350 U	100 J	7300 U	42 U	35 U	72 U
Aroclor-1248 (PCB-1248)	µg/kg	73 U	4900	36 U	7300 U	42 U	61	100
Aroclor-1254 (PCB-1254)	µg/kg	980	350 U	36 U	32000	180	35 U	72 U
Aroclor-1260 (PCB-1260)	µg/kg	73 U	400	550 J	7300 U	42 U	81 J	390
Total PCBs	µg/kg	980	5300	650 J	32000	180	142 J	490

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-26-05*	*GP-26-05*	*GP-27-05*	*GP-27-05*	*GP-27-05*	*GP-27-05*	*GP-28-05*
Sample ID:		*S-092305-SSH-621*	*S-092305-SSH-622*	*S-092305-SSH-623*	*S-092305-SSH-624*	*S-092305-SSH-625*	*S-092305-SSH-626*	*S-092305-SSH-627*
Sample Date:		*9/23/2005*	*9/23/2005*	*9/23/2005*	*9/23/2005*	*9/23/2005*	*9/23/2005*	*9/23/2005*
Sample Depth:		*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	38 U	36 U	37 U	37 U	190 U	200 U	710 U
Aroclor-1221 (PCB-1221)	µg/kg	38 U	36 U	37 U	37 U	190 U	200 U	710 U
Aroclor-1232 (PCB-1232)	µg/kg	38 U	36 U	37 U	37 U	190 U	200 U	710 U
Aroclor-1242 (PCB-1242)	µg/kg	38 U	36 U	37 U	37 U	190 U	200 U	710 U
Aroclor-1248 (PCB-1248)	µg/kg	12 J	380	66	31 J	2200	440	710 U
Aroclor-1254 (PCB-1254)	µg/kg	38 U	36 U	37 U	37 U	190 U	200 U	710 U
Aroclor-1260 (PCB-1260)	µg/kg	38 U	450	25 J	25 J	1100	510	6800
Total PCBs	µg/kg	12 J	830	91 J	56 J	3300	950	6800

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-28-05*	*GP-28-05*	*GP-29-05*	*GP-29-05*	*GP-31-05*	*GP-32-05*	*GP-33-05*
Sample ID:		*S-092305-SSH-628*	*S-092305-SSH-629*	*S-092305-SSH-630*	*S-092305-SSH-631*	*S-092305-SSH-636*	*S-092305-SSH-637*	*S-102105-SSH-701*
Sample Date:		*9/23/2005*	*9/23/2005*	*9/23/2005*	*9/23/2005*	*9/23/2005*	*9/23/2005*	*10/21/2005*
Sample Depth:		*2-4 ft BGS*	*4-6 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	36 U	40 UJ	180 U	180 U	37 U	1800 U	35 U
Aroclor-1221 (PCB-1221)	µg/kg	36 U	40 UJ	180 U	180 U	37 U	1800 U	35 U
Aroclor-1232 (PCB-1232)	µg/kg	36 U	40 UJ	180 U	180 U	37 U	1800 U	35 U
Aroclor-1242 (PCB-1242)	µg/kg	36 U	40 UJ	180 U	180 U	37 U	1800 U	35 U
Aroclor-1248 (PCB-1248)	µg/kg	120	82 J	180 U	490	170	6200	49
Aroclor-1254 (PCB-1254)	µg/kg	36 U	40 UJ	180 U	180 U	37 U	1800 U	35 U
Aroclor-1260 (PCB-1260)	µg/kg	230	84 J	2000	480	560	12000	38
Total PCBs	µg/kg	350	166 J	2000	970	730	18200	87

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-33-05*	*GP-33-05*	*GP-33-05*	*GP-34-05*	*GP-34-05*	*GP-34-05*	*GP-35-05*
Sample ID:		*S-102105-SSH-702*	*S-102105-SSH-703*	*S-102105-SSH-704*	*S-102105-SSH-705*	*S-102105-SSH-706*	*S-102105-SSH-707*	*S-102105-SSH-708*
Sample Date:		*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*
Sample Depth:		*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*0-2 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	43 U	36 U	40 U	37 U	37 U	44 U	3500 U
Aroclor-1221 (PCB-1221)	µg/kg	43 U	36 U	40 U	37 U	37 U	44 U	3500 U
Aroclor-1232 (PCB-1232)	µg/kg	43 U	36 U	40 U	37 U	37 U	44 U	3500 U
Aroclor-1242 (PCB-1242)	µg/kg	43 U	36 U	40 U	37 U	37 U	44 U	3500 U
Aroclor-1248 (PCB-1248)	µg/kg	77 J	36 U	40 U	37	37 U	44 U	3500 U
Aroclor-1254 (PCB-1254)	µg/kg	43 U	36 U	33 J	37 U	490	87	3500 U
Aroclor-1260 (PCB-1260)	µg/kg	21 J	480	40 U	37 U	37 U	44 U	41000
Total PCBs	µg/kg	98 J	480	33 J	37	490	87	41000

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-35-05*	*GP-35-05*	*GP-35-05*	*GP-36-05*	*GP-36-05*	*GP-36-05*	*GP-36-05*
Sample ID:		*S-102105-SSH-709*	*S-102105-SSH-710*	*S-102105-SSH-711*	*S-102105-SSH-712*	*S-102105-SSH-713*	*S-102105-SSH-714*	*S-102105-SSH-715*
Sample Date:		*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*
Sample Depth:		*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	36 U	73 U	43 U	36000 U	35 U	180 U	38 U
Aroclor-1221 (PCB-1221)	µg/kg	36 U	73 U	43 U	36000 U	35 U	180 U	38 U
Aroclor-1232 (PCB-1232)	µg/kg	36 U	73 U	43 U	36000 U	35 U	180 U	38 U
Aroclor-1242 (PCB-1242)	µg/kg	36 U	73 U	43 U	36000 U	35 U	180 U	38 U
Aroclor-1248 (PCB-1248)	µg/kg	36 U	73 U	43 U	36000 U	35 U	510	41
Aroclor-1254 (PCB-1254)	µg/kg	64	73 U	29 J	36000 U	35 U	180 U	38 U
Aroclor-1260 (PCB-1260)	µg/kg	36 U	640	43 U	220000	24 J	880	22 J
Total PCBs	µg/kg	64	640	29 J	220000	24 J	1390	63 J

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-37-05*	*GP-37-05*	*GP-37-05*	*GP-37-05*	*GP-38-05*	*GP-38-05*	*GP-38-05*
Sample ID:		*S-102105-SSH-716*	*S-102105-SSH-717*	*S-102105-SSH-718*	*S-102105-SSH-719*	*S-102105-SSH-720*	*S-102105-SSH-721*	*S-102105-SSH-722*
Sample Date:		*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*
Sample Depth:		*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	36 U	35 U	360 U	39 U	35 U	34 U	7200 U
Aroclor-1221 (PCB-1221)	µg/kg	36 U	35 U	360 U	39 U	35 U	34 U	7200 U
Aroclor-1232 (PCB-1232)	µg/kg	36 U	35 U	360 U	39 U	35 U	34 U	7200 U
Aroclor-1242 (PCB-1242)	µg/kg	36 U	35 U	360 U	39 U	35 U	34 U	7200 U
Aroclor-1248 (PCB-1248)	µg/kg	290	35 U	360 U	26 J	170	34 U	7200 U
Aroclor-1254 (PCB-1254)	µg/kg	36 U	35 U	3400	39 U	35 U	34 U	87000
Aroclor-1260 (PCB-1260)	µg/kg	120	39	360 U	39 U	120	9.0 J	7200 U
Total PCBs	µg/kg	410	39	3400	26 J	290	9 J	87000

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-38-05*	*GP-39-05*	*GP-39-05*	*GP-39-05*	*GP-39-05*	*GP-40-05*	*GP-40-05*
Sample ID:		*S-102105-SSH-723*	*S-102105-SSH-724*	*S-102105-SSH-725*	*S-102105-SSH-726*	*S-102105-SSH-727*	*S-102105-SSH-728*	*S-102105-SSH-729*
Sample Date:		*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*
Sample Depth:		*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	40 U	36 U	36 U	37 U	39 U	35 U	34 U
Aroclor-1221 (PCB-1221)	µg/kg	40 U	36 U	36 U	37 U	39 U	35 U	34 U
Aroclor-1232 (PCB-1232)	µg/kg	40 U	36 U	36 U	37 U	39 U	35 U	34 U
Aroclor-1242 (PCB-1242)	µg/kg	40 U	36 U	36 U	37 U	39 U	35 U	34 U
Aroclor-1248 (PCB-1248)	µg/kg	40 U	130	36 U	98	96	66	34 U
Aroclor-1254 (PCB-1254)	µg/kg	710	36 U	36 U	37 U	39 U	35 U	34 U
Aroclor-1260 (PCB-1260)	µg/kg	40 U	110	280 J	270	44	38	21 J
Total PCBs	µg/kg	710	240	280 J	368	140	104	21 J

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-40-05*	*GP-40-05*	*GP-41-05*	*GP-41-05*	*GP-41-05*	*GP-41-05*	*GP-42-05*
Sample ID:		*S-102105-SSH-730*	*S-102105-SSH-731*	*S-102105-SSH-732*	*S-102105-SSH-733*	*S-102105-SSH-734*	*S-102105-SSH-735*	*S-102105-SSH-736*
Sample Date:		*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*
Sample Depth:		*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	1800 U	38 U	36 U	18000 U	180 U	710 U	37 U
Aroclor-1221 (PCB-1221)	µg/kg	1800 U	38 U	36 U	18000 U	180 U	710 U	37 U
Aroclor-1232 (PCB-1232)	µg/kg	1800 U	38 U	36 U	18000 U	180 U	710 U	37 U
Aroclor-1242 (PCB-1242)	µg/kg	1800 U	38 U	36 U	18000 U	180 U	710 U	37 U
Aroclor-1248 (PCB-1248)	µg/kg	1800 U	38 U	36 U	18000 U	180 U	710 U	37 U
Aroclor-1254 (PCB-1254)	µg/kg	17000	97	36 U	18000 U	180 U	710 U	37 U
Aroclor-1260 (PCB-1260)	µg/kg	1800 U	38 U	410	170000	690	8800	150
Total PCBs	µg/kg	17000	97	410	170000	690	8800	150

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-42-05*	*GP-42-05*	*GP-43-05*	*GP-43-05*	*GP-43-05*	*GP-43-05*	*GP-44-05*
Sample ID:		*S-102105-SSH-737*	*S-102105-SSH-738*	*S-102105-SSH-739*	*S-102105-SSH-740*	*S-102105-SSH-741*	*S-102105-SSH-742*	*S-102105-SSH-743*
Sample Date:		*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*
Sample Depth:		*2-4 ft BGS*	*4-6 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	36 U	38 U	35 U	34 U	36 U	37 U	700 U
Aroclor-1221 (PCB-1221)	µg/kg	36 U	38 U	35 U	34 U	36 U	37 U	700 U
Aroclor-1232 (PCB-1232)	µg/kg	36 U	38 U	35 U	34 U	36 U	37 U	700 U
Aroclor-1242 (PCB-1242)	µg/kg	36 U	38 U	35 U	34 U	36 U	37 U	700 U
Aroclor-1248 (PCB-1248)	µg/kg	36 U	59	540	34 U	36 U	37 U	700 U
Aroclor-1254 (PCB-1254)	µg/kg	36 U	38 U	35 U	110	150	70	700 U
Aroclor-1260 (PCB-1260)	µg/kg	72	44	210	34 U	36 U	37 U	6200
Total PCBs	µg/kg	72	103	750	110	150	70	6200

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-44-05*	*GP-45-05*	*GP-46-05*	*GP-46-05*	*GP-46-05*	*GP-46-05*	*GP-47-05*
Sample ID:		*S-102105-SSH-744*	*S-102105-SSH-745*	*S-102105-SSH-746*	*S-102105-SSH-747*	*S-102105-SSH-748*	*S-102105-SSH-749*	*S-102105-SSH-750*
Sample Date:		*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*
Sample Depth:		*2-4 ft BGS*	*0-3 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*0-3 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	36 U	17000 U	390 U	36 U	39 U	41 U	720 U
Aroclor-1221 (PCB-1221)	µg/kg	36 U	17000 U	390 U	36 U	39 U	41 U	720 U
Aroclor-1232 (PCB-1232)	µg/kg	36 U	17000 U	390 U	36 U	39 U	41 U	720 U
Aroclor-1242 (PCB-1242)	µg/kg	36 U	17000 U	3400	36 U	630	41 U	5200
Aroclor-1248 (PCB-1248)	µg/kg	36 U	17000 U	390 U	36 U	39 U	41 U	720 U
Aroclor-1254 (PCB-1254)	µg/kg	190	17000 U	390 U	80	39 U	41 U	720 U
Aroclor-1260 (PCB-1260)	µg/kg	36 U	130000	870	36 U	230	41 U	1000
Total PCBs	µg/kg	190	130000	4270	80	860	41 U	6200

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-48-05*	*GP-48-05*	*GP-48-05*	*GP-49-05*	*GP-49-05*	*GP-49-05*	*GP-49-05*
Sample ID:		*S-102105-SSH-751*	*S-102105-SSH-752*	*S-102105-SSH-753*	*S-102105-SSH-754*	*S-102105-SSH-755*	*S-102105-SSH-756*	*S-102105-SSH-757*
Sample Date:		*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*
Sample Depth:		*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*
Parameters:	***Units***							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	72 U	180 U	37 U	36 U	39 U	38 U	40 U
Aroclor-1221 (PCB-1221)	µg/kg	72 U	180 U	37 U	36 U	39 U	38 U	40 U
Aroclor-1232 (PCB-1232)	µg/kg	72 U	180 U	37 U	36 U	39 U	38 U	40 U
Aroclor-1242 (PCB-1242)	µg/kg	830	180 U	220	36 U	39 U	38 U	40 U
Aroclor-1248 (PCB-1248)	µg/kg	72 U	180 U	37 U	100	39 U	38 U	40 U
Aroclor-1254 (PCB-1254)	µg/kg	72 U	2400	37 U	36 U	39 U	38 U	40 U
Aroclor-1260 (PCB-1260)	µg/kg	410	180 U	110	25 J	39 U	38 U	40 U
Total PCBs	µg/kg	1240	2400	330	125 J	39 U	38 U	40 U

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-50-05*	*GP-50-05*	*GP-50-05*	*GP-50-05*	*GP-51-05*	*GP-51-05*	*GP-51-05*
Sample ID:		*S-102105-SSH-758*	*S-102105-SSH-759*	*S-102105-SSH-760*	*S-102105-SSH-761*	*S-102105-SSH-762*	*S-102105-SSH-763*	*S-102105-SSH-764*
Sample Date:		*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*
Sample Depth:		*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	1800 U	37 U	39 U	38 U	69 U	37 U	39 U
Aroclor-1221 (PCB-1221)	µg/kg	1800 U	37 U	39 U	38 U	69 U	37 U	39 U
Aroclor-1232 (PCB-1232)	µg/kg	1800 U	37 U	39 U	38 U	69 U	37 U	39 U
Aroclor-1242 (PCB-1242)	µg/kg	1800 U	37 U	39 U	38 U	69 U	37 U	39 U
Aroclor-1248 (PCB-1248)	µg/kg	13000	20 J	19 J	8.9 J	550	37 U	39 U
Aroclor-1254 (PCB-1254)	µg/kg	1800 U	37 U	39 U	38 U	69 U	37 U	39 U
Aroclor-1260 (PCB-1260)	µg/kg	2200	37 U	39 U	38 U	50 J	37 U	39 U
Total PCBs	µg/kg	15200	20 J	19 J	8.9 J	600 J	37 U	39 U

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-51-05*	*GP-52-05*	*GP-52-05*	*GP-52-05*	*GP-52-05*	*GP-53-05*	*GP-53-05*
Sample ID:		*S-102105-SSH-765*	*S-102105-SSH-766*	*S-102105-SSH-767*	*S-102105-SSH-768*	*S-102105-SSH-769*	*S-102105-SSH-770*	*S-102105-SSH-771*
Sample Date:		*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*	*10/21/2005*
Sample Depth:		*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	39 U	360 U	38 U	38 U	37 U	37 U	40 U
Aroclor-1221 (PCB-1221)	µg/kg	39 U	360 U	38 U	38 U	37 U	37 U	40 U
Aroclor-1232 (PCB-1232)	µg/kg	39 U	360 U	38 U	38 U	37 U	37 U	40 U
Aroclor-1242 (PCB-1242)	µg/kg	39 U	360 U	38 U	38 U	37 U	37 U	40 U
Aroclor-1248 (PCB-1248)	µg/kg	39 U	2100	25 J	38 U	37 U	37 U	40 U
Aroclor-1254 (PCB-1254)	µg/kg	39 U	360 U	38 U	38 U	37 U	37 U	40 U
Aroclor-1260 (PCB-1260)	µg/kg	39 U	450	38 U	38 U	37 U	37 U	40 U
Total PCBs	µg/kg	39 U	2550	25 J	38 U	37 U	37 U	40 U

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-53-05*	*GP-53-05*	*GP-54-05*	*GP-55-05*	*GP-55-05*	*GP-55-05*	*GP-55-05*
Sample ID:		*S-102105-SSH-772*	*S-102105-SSH-773*	*S-112205-SSH-801*	*S-112205-SSH-802*	*S-112205-SSH-803*	*S-112205-SSH-804*	*S-112205-SSH-805*
Sample Date:		*10/21/2005*	*10/21/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*
Sample Depth:		*4-6 ft BGS*	*6-8 ft BGS*	*0-1 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	39 U	38 U	35 U	380 U	35 U	36 U	46 U
Aroclor-1221 (PCB-1221)	µg/kg	39 U	38 U	35 U	380 U	35 U	36 U	46 U
Aroclor-1232 (PCB-1232)	µg/kg	39 U	38 U	35 U	380 U	35 U	36 U	46 U
Aroclor-1242 (PCB-1242)	µg/kg	39 U	38 U	250	3500	35 U	36 U	46 U
Aroclor-1248 (PCB-1248)	µg/kg	39 U	38 U	35 U	380 U	35 U	87	140 J
Aroclor-1254 (PCB-1254)	µg/kg	39 U	38 U	35 U	380 U	71	36 U	46 U
Aroclor-1260 (PCB-1260)	µg/kg	39 U	38 U	28 J	300 J	35 U	32 J	41 J
Total PCBs	µg/kg	39 U	38 U	278 J	3800 J	71	119 J	181 J

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-56-05*	*GP-56-05*	*GP-56-05*	*GP-56-05*	*GP-57-05*	*GP-57-05*	*GP-58-05*
Sample ID:		*S-112205-SSH-806*	*S-112205-SSH-807*	*S-112205-SSH-808*	*S-112205-SSH-809*	*S-112205-SSH-810*	*S-112205-SSH-811*	*S-112205-SSH-812*
Sample Date:		*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*
Sample Depth:		*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*0-2 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	3700 U	37 U	36 U	43 U	3600 U	36 U	71 UJ
Aroclor-1221 (PCB-1221)	µg/kg	3700 U	37 U	36 U	43 U	3600 U	36 U	71 UJ
Aroclor-1232 (PCB-1232)	µg/kg	3700 U	37 U	36 U	43 U	3600 U	36 U	71 UJ
Aroclor-1242 (PCB-1242)	µg/kg	3700 U	37 U	140	43 U	3600 U	36 U	190 J
Aroclor-1248 (PCB-1248)	µg/kg	53000	100	36 U	43 U	49000	36 U	71 UJ
Aroclor-1254 (PCB-1254)	µg/kg	3700 U	37 U	36 U	21 J	3600 U	36 U	71 UJ
Aroclor-1260 (PCB-1260)	µg/kg	2500 J	40	85	43 U	5300	110	120 J
Total PCBs	µg/kg	55500 J	140	225	21 J	54300	110	310 J

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-58-05*	*GP-58-05*	*GP-58-05*	*GP-59-05*	*GP-59-05*	*GP-59-05*	*GP-59-05*
Sample ID:		*S-112205-SSH-813*	*S-112205-SSH-814*	*S-112205-SSH-815*	*S-112205-SSH-816*	*S-112205-SSH-817*	*S-112205-SSH-818*	*S-112205-SSH-819*
Sample Date:		*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*
Sample Depth:		*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	36 UJ	36 UJ	40 UJ	35 U	740 U	38 U	40 U
Aroclor-1221 (PCB-1221)	µg/kg	36 UJ	36 UJ	40 UJ	35 U	740 U	38 U	40 U
Aroclor-1232 (PCB-1232)	µg/kg	36 UJ	36 UJ	40 UJ	35 U	740 U	38 U	40 U
Aroclor-1242 (PCB-1242)	µg/kg	36 UJ	36 UJ	40 UJ	35 U	740 U	38 U	40 U
Aroclor-1248 (PCB-1248)	µg/kg	36 UJ	36 UJ	40 UJ	35 U	6200	200	40 U
Aroclor-1254 (PCB-1254)	µg/kg	28 J	36 UJ	40 UJ	5.6 J	740 U	38 U	40 U
Aroclor-1260 (PCB-1260)	µg/kg	36 UJ	36 UJ	40 UJ	35 U	3500	150	40 U
Total PCBs	µg/kg	28 J	36 UJ	40 UJ	5.6 J	9700	350	40 U

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-60-05*	*GP-60-05*	*GP-60-05*	*GP-60-05*	*GP-61-05*	*GP-61-05*	*GP-61-05*
Sample ID:		*S-112205-SSH-820*	*S-112205-SSH-821*	*S-112205-SSH-822*	*S-112205-SSH-823*	*S-112205-SSH-824*	*S-112205-SSH-825*	*S-112205-SSH-826*
Sample Date:		*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*
Sample Depth:		*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameters:	***Units***							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	710 U	38 U	38 U	40 U	36 U	780 U	37 UJ
Aroclor-1221 (PCB-1221)	µg/kg	710 U	38 U	38 U	40 U	36 U	780 U	37 UJ
Aroclor-1232 (PCB-1232)	µg/kg	710 U	38 U	38 U	40 U	36 U	780 U	37 UJ
Aroclor-1242 (PCB-1242)	µg/kg	710 U	170	38 U	40 U	36 U	780 U	37 UJ
Aroclor-1248 (PCB-1248)	µg/kg	6800	38 U	52	40 U	49	4300	46 J
Aroclor-1254 (PCB-1254)	µg/kg	710 U	38 U	38 U	40 U	36 U	780 U	37 UJ
Aroclor-1260 (PCB-1260)	µg/kg	10000	56	26 J	40 U	24 J	1000	37 UJ
Total PCBs	µg/kg	16800	226	78 J	40 U	73 J	5300	46 J

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-61-05*	*GP-62-05*	*GP-62-05*	*GP-62-05*	*GP-62-05*	*GP-63-05*	*GP-63-05*
Sample ID:		*S-112205-SSH-827*	*S-112205-SSH-828*	*S-112205-SSH-829*	*S-112205-SSH-830*	*S-112205-SSH-831*	*S-112205-SSH-832*	*S-112205-SSH-833*
Sample Date:		*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*
Sample Depth:		*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	42 U	770 U	4000 U	190 U	41 U	37 U	37 U
Aroclor-1221 (PCB-1221)	µg/kg	42 U	770 U	4000 U	190 U	41 U	37 U	37 U
Aroclor-1232 (PCB-1232)	µg/kg	42 U	770 U	4000 U	190 U	41 U	37 U	37 U
Aroclor-1242 (PCB-1242)	µg/kg	42 U	770 U	4000 U	190 U	41 U	37 U	37 U
Aroclor-1248 (PCB-1248)	µg/kg	42 U	8600	60000	900	41 U	110	63
Aroclor-1254 (PCB-1254)	µg/kg	42 U	770 U	4000 U	190 U	41 U	37 U	37 U
Aroclor-1260 (PCB-1260)	µg/kg	42 U	1600	6900	180 J	41 U	23 J	37
Total PCBs	µg/kg	42 U	10200	66900	1080 J	41 U	133 J	100

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-63-05*	*GP-63-05*	*GP-64-05*	*GP-64-05*	*GP-64-05*	*GP-64-05*	*GP-65-05*
Sample ID:		*S-112205-SSH-834*	*S-112205-SSH-835*	*S-112205-SSH-836*	*S-112205-SSH-837*	*S-112205-SSH-838*	*S-112205-SSH-839*	*S-112205-SSH-840*
Sample Date:		*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*
Sample Depth:		*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	37 U	42 U	36 U	76 U	72 U	41 U	180 U
Aroclor-1221 (PCB-1221)	µg/kg	37 U	42 U	36 U	76 U	72 U	41 U	180 U
Aroclor-1232 (PCB-1232)	µg/kg	37 U	42 U	36 U	76 U	72 U	41 U	180 U
Aroclor-1242 (PCB-1242)	µg/kg	37 U	42 U	36 U	76 U	72 U	41 U	180 U
Aroclor-1248 (PCB-1248)	µg/kg	83	42 U	41	360	660	53	710
Aroclor-1254 (PCB-1254)	µg/kg	37 U	42 U	36 U	76 U	72 U	41 U	180 U
Aroclor-1260 (PCB-1260)	µg/kg	45	42 U	19 J	300	620	15 J	1300 J
Total PCBs	µg/kg	128	42 U	60 J	660	1280	68 J	2010 J

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-65-05*	*GP-66-05*	*GP-66-05*	*GP-66-05*	*GP-66-05*	*GP-67-05*	*GP-67-05*
Sample ID:		*S-112205-SSH-841*	*S-112205-SSH-842*	*S-112205-SSH-843*	*S-112205-SSH-844*	*S-112205-SSH-845*	*S-112205-SSH-846*	*S-112205-SSH-847*
Sample Date:		*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*
Sample Depth:		*2-4 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*
Parameters:	***Units***							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	71 U	36 U	35 U	180 U	400 U	370 U	1800 U
Aroclor-1221 (PCB-1221)	µg/kg	71 U	36 U	35 U	180 U	400 U	370 U	1800 U
Aroclor-1232 (PCB-1232)	µg/kg	71 U	36 U	35 U	180 U	400 U	370 U	1800 U
Aroclor-1242 (PCB-1242)	µg/kg	71 U	36 U	35 U	180 U	400 U	370 U	1800 U
Aroclor-1248 (PCB-1248)	µg/kg	440	140	65	640	400 U	4800	1800 U
Aroclor-1254 (PCB-1254)	µg/kg	71 U	36 U	35 U	180 U	3600	370 U	1800 U
Aroclor-1260 (PCB-1260)	µg/kg	740	83	35	1900	400 U	770	28000
Total PCBs	µg/kg	1180	223	100	2540	3600	5570	28000

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-67-05*	*GP-67-05*	*GP-68-05*	*GP-68-05*	*GP-68-05*	*GP-68-05*	*GP-69-05*
Sample ID:		*S-112205-SSH-848*	*S-112205-SSH-849*	*S-112205-SSH-850*	*S-112205-SSH-851*	*S-112205-SSH-852*	*S-112205-SSH-853*	*S-112205-SSH-854*
Sample Date:		*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*
Sample Depth:		*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*
Parameters:	***Units***							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	7500 U	41 U	780 U	36 U	1900 U	41 U	43 U
Aroclor-1221 (PCB-1221)	µg/kg	7500 U	41 U	780 U	36 U	1900 U	41 U	43 U
Aroclor-1232 (PCB-1232)	µg/kg	7500 U	41 U	780 U	36 U	1900 U	41 U	43 U
Aroclor-1242 (PCB-1242)	µg/kg	7500 U	41 U	780 U	36 U	1900 U	41 U	43 U
Aroclor-1248 (PCB-1248)	µg/kg	7500 U	41 U	780 U	36 U	1900 U	41 U	43 U
Aroclor-1254 (PCB-1254)	µg/kg	130000	140	780 U	85	13000	45	43 U
Aroclor-1260 (PCB-1260)	µg/kg	7500 U	41 U	9700	36 U	1900 U	41 U	43 U
Total PCBs	µg/kg	130000	140	9700	85	13000	45	43 U

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-69-05*	*GP-69-05*	*GP-69-05*	*GP-71-05*	*GP-71-05*	*GP-71-05*	*GP-71-05*
Sample ID:		*S-112205-SSH-855*	*S-112205-SSH-856*	*S-112205-SSH-857*	*S-112205-SSH-862*	*S-112205-SSH-863*	*S-112205-SSH-864*	*S-112205-SSH-865*
Sample Date:		*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*
Sample Depth:		*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	710 U	190 U	40 U	35 U	39 U	80 U	42 U
Aroclor-1221 (PCB-1221)	µg/kg	710 U	190 U	40 U	35 U	39 U	80 U	42 U
Aroclor-1232 (PCB-1232)	µg/kg	710 U	190 U	40 U	35 U	39 U	80 U	42 U
Aroclor-1242 (PCB-1242)	µg/kg	710 U	190 U	40 U	35 U	39 U	80 U	42 U
Aroclor-1248 (PCB-1248)	µg/kg	710 U	190 U	40 U	570	110	320	42 U
Aroclor-1254 (PCB-1254)	µg/kg	710 U	1900	40 U	35 U	39 U	80 U	42 U
Aroclor-1260 (PCB-1260)	µg/kg	8200	190 U	40 U	460	16 J	810	42 U
Total PCBs	µg/kg	8200	1900	40 U	1030	126 J	1130	42 U

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-75-05*	*GP-75-05*	*GP-75-05*	*GP-75-05*	*GP-78-05*	*GP-78-05*	*GP-78-05*
Sample ID:		*S-112205-SSH-876*	*S-112205-SSH-877*	*S-112205-SSH-878*	*S-112205-SSH-879*	*S-112205-SSH-887*	*S-112205-SSH-888*	*S-112205-SSH-889*
Sample Date:		*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*
Sample Depth:		*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameters:	*Units*							
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	µg/kg	68 U	34 U	36 U	41 U	180 U	36 U	38 U
Aroclor-1221 (PCB-1221)	µg/kg	68 U	34 U	36 U	41 U	180 U	36 U	38 U
Aroclor-1232 (PCB-1232)	µg/kg	68 U	34 U	36 U	41 U	180 U	36 U	38 U
Aroclor-1242 (PCB-1242)	µg/kg	68 U	34 U	36 U	41 U	180 U	36 U	38 U
Aroclor-1248 (PCB-1248)	µg/kg	980	34 U	36 U	41 U	2500	36 U	45
Aroclor-1254 (PCB-1254)	µg/kg	68 U	34 U	36 U	35 J	180 U	36 U	38 U
Aroclor-1260 (PCB-1260)	µg/kg	800	34 U	21 J	41 U	1500	14 J	10 J
Total PCBs	µg/kg	1780	34 U	21 J	35 J	4000	14 J	55 J

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 2.2

ANALYTICAL RESULTS SUMMARY
GEOPROBE INVESTIGATION SAMPLING
SMCO
SEPTEMBER - NOVEMBER 2005

Sample Location:		*GP-7A-05*	*GP-7A-05*	*GP-80-05*	*GP-80-05*	*GP-80-05*	*GP-80-05*
Sample ID:		*S-092305-SSH-638*	*S-092305-SSH-639*	*S-112205-SSH-894*	*S-112205-SSH-895*	*S-112205-SSH-896*	*S-112205-SSH-897*
Sample Date:		*9/23/2005*	*9/23/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*	*11/22/2005*
Sample Depth:		*0-2 ft BGS*	*2-4 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*
Parameters:	*Units*						
Polychlorinated Biphenyls							
Aroclor-1016 (PCB-1016)	µg/kg	360 U	180 U	36 U	40 U	74 U	40 U
Aroclor-1221 (PCB-1221)	µg/kg	360 U	180 U	36 U	40 U	74 U	40 U
Aroclor-1232 (PCB-1232)	µg/kg	360 U	180 U	36 U	40 U	74 U	40 U
Aroclor-1242 (PCB-1242)	µg/kg	360 U	180 U	36 U	40 U	74 U	40 U
Aroclor-1248 (PCB-1248)	µg/kg	2300	180 U	45	40 U	470	71
Aroclor-1254 (PCB-1254)	µg/kg	360 U	180 U	36 U	35 J	74 U	40 U
Aroclor-1260 (PCB-1260)	µg/kg	290 J	180 U	26 J	40 U	350	40 U
Total PCBs	µg/kg	2590 J	180 U	71 J	35 J	820	71

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

APPENDIX A

DATA VALIDATION MEMORANDUM

CONESTOGA-ROVERS & ASSOCIATES

14496 Sheldon Road, Suite #200
Plymouth, Michigan 48170
Telephone: (734) 453-5123 Fax: (734) 453-5201
www.CRAworld.com

MEMORANDUM

TO:	Mike Tomka	REF. NO.:	17307-131005
FROM:	Kathy Shaw/tl/1/GM	DATE:	June 14, 2005
RE:	Data Quality Assessment and Validation IM Fill Source Characterization General Motors SMCO Site – Saginaw, Michigan		

The following details a quality assessment and validation of the analytical data resulting from the May 19, 2005, collection of one (1) soil sample, from the General Motors SMCO Site in Saginaw, Michigan. The sample summary detailing sample identification, sample location, and analytical parameters is presented in Table 1. Sample analysis was completed at TriMatrix in Grand Rapids, Michigan (TriMatrix) in accordance with the methodologies presented in Table 2.

The quality control criteria used to assess the data were established by the methods and the quality assurance project plan (QAPP). Application of quality assurance criteria was consistent with following guidance documents:

i. "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", EPA-540/R-99/008, October 1999; and

ii. "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Review", EPA-540/R-94/013, February 1994.

These guidelines are collectively referred to as "NFGs" in this Memorandum.

The following elements are addressed in this memorandum with qualification if necessary in the identified tables:

	Data Review Element	Qualification Table
1	Sample Quantitation	NA
2	Sample Preservation and Holding Times	NA
3	Method Blank Samples	NA
5	Surrogate Compounds – Organic Analyses	NA
6	Matrix Spike/Matrix Spike Duplicate Analyses	NA
7	Laboratory Control Sample Analysis/Laboratory Control Duplicate	NA

Sample Preservation and Holding Times

Sample holding time periods and preservation requirements are presented in Table 2.

The samples were prepared and/or analyzed within the specified holding time periods.

The samples were shipped and maintained in accordance with the sample preservation requirements.

Method Blank Samples

Method blank samples are prepared from a purified sample matrix and are processed concurrently with investigative samples to assess the presence and the magnitude of sample contamination introduced during sample analysis. Method blank samples are analyzed at a minimum frequency of one per analytical batch and target analytes should be non-detect.

The method blank samples were reported to be free from detectable levels of target analytes, indicating no laboratory-attributable contamination occurred.

Surrogate Compounds – Organic Analyses

Individual sample performance for organic analyses was monitored by assessing the results of surrogate compound percent recoveries. Surrogate percent recoveries are reviewed against the laboratory developed control limits provided in the analytical report.

The surrogate recovery acceptance criteria were met for all samples.

Matrix Spike/Matrix Spike Duplicate Analyses

To assess the long term accuracy and precision of the analytical methods on various matrices, matrix spike/matrix spike duplicate (MS/MSD) percent recoveries and the relative percent difference (RPD) of the concentrations were determined. The organic MS/MSD percent recovery and RPD control limits are established by the laboratory. The inorganic control limits are defined by the methods and the NFG, which require recoveries between 75 to 125 percent with RPDs less than 35 percent for soil samples.

Matrix Spike/Matrix Spike Duplicate Analyses (Cont'd)

No Site-specific samples were utilized as MS/MSDs; precision and accuracy were verified by the analysis of the laboratory control sample/laboratory control duplicate (LCS/LCD).

Laboratory Control Sample/Laboratory Control Duplicate Analysis

The laboratory control sample and laboratory control duplicate (LCS/LCD) analyses serve as a monitor of the overall performance in all steps of the sample analysis and are analyzed with each sample batch. The LCS/LCD percent recoveries were evaluated against method and laboratory established control limits.

The LCS/LCD percent recoveries were within the laboratory control limits or did not warrant qualification, indicating that an acceptable level of overall performance was achieved.

In some batches laboratory precision was verified by the relative percent difference (RPD) of the LCS/LCD when a matrix spike/matrix spike duplicate was not analyzed.

The RPDs were within the laboratory control limits, indicating that an acceptable level of overall laboratory precision was achieved.

Overall Assessment

The data were found to exhibit acceptable levels of accuracy and precision based on the provided information and may be used without qualification.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
IM FILL SOURCE CHARACTERIZATION
GENERAL MOTORS - SMCO
SAGINAW, MICHIGAN

			Parameters					
Sample Identification	***Sample Location***	***Matrix***	*TCL VOC*	*TCL SVOC*	*PCB*	*TAL Metals*	*TCL Pesticides*	*Herbicides*
SO-051905-SSH-F01	Haggers Pit	Soil	X	X	X	X	X	X

TCL - Target Compound List
VOC - Volatile Organic Compounds
SVOC - Semi-Volatile Organic Compounds
TAL - Target Analyte List
PCB - Polychlorinated biphenyls

TABLE 2

SUMMARY OF ANALYTICAL METHODS, HOLDING TIME PERIODS, AND PRESERVATIVES
IM FILL SOURCE CHARACTERIZATION
SAGINAW, MICHIGAN

Parameter	*Method*	*Matrix*	*Holding Time*	*Preservation*
TCL VOC	SW-846 8260B	Soil	- 48 hours from sample collection to preservation - 14 days from sample preservation to completion of analysis	Iced, 4 ± 2° C
TCL SVOC	SW-846 8270C	Soil	- 14 days from sample collection to extraction - 40 days from extraction to completion of analysis	Iced, 4 ± 2° C
TCL Pesticides	SW-846 8081A	Soil	- 14 days from sample collection to extraction - 40 days from extraction to completion of analysis	Iced, 4 ± 2° C
Herbicides	SW-846 8151	Soil	- 14 days from sample collection to extraction - 40 days from extraction to completion of analysis	Iced, 4 ± 2° C
PCB	SW-846 8082	Soil	- 14 days from sample collection to extraction - 40 days from extraction to completion of analysis	Iced, 4 ± 2° C
TAL Metals		Soil	- 180 days from sample collection to completion of analysis	Iced, 4 ± 2° C
Aluminum	SW-846 6010B			
Antimony	SW-846 6020			
Arsenic	SW-846 6020			
Barium	SW-846 6010B			
Beryllium	SW-846 6020			
Cadmium	SW-846 6020			
Calcium	SW-846 6010B			
Chromium	SW-846 6020			
Cobalt	SW-846 6020			
Copper	SW-846 6010B			
Iron	SW-846 6010B			
Lead	SW-846 6020			
Magnesium	SW-846 6010B			
Manganese	SW-846 6010B			
Molybdenum	SW-846 6020			
Nickel	SW-846 6020			
Potassium	SW-846 6010B			
Selenium	SW-846 6020			
Silver	SW-846 6020			
Sodium	SW-846 6010B			

SUMMARY OF ANALYTICAL METHODS, HOLDING TIME PERIODS, AND PRESERVATIVES
IM FILL SOURCE CHARACTERIZATION
SAGINAW, MICHIGAN

Parameter	*Method*	*Matrix*	*Holding Time*	*Preservation*
TAL Metals		Soil	- 180 days from sample collection to completion of analysis	Iced, 4 ± 2° C
Thallium	SW-846 6020			
Vanadium	SW-846 6020			
Zinc	SW-846 6020			
Mercury	SW-846 7471A	Soil	- 28 days from sample collection to completion of analysis	Iced, 4 ± 2° C

SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, 3rd Edition, and Promulgated updates, November 1986

CONESTOGA-ROVERS & ASSOCIATES

8615 W. Bryn Mawr Avenue, Chicago, Illinois 60631
Telephone: (773) 380-9933 Fax: (773) 380-6421
www.CRAworld.com

MEMORANDUM

TO:	Mike Tomka	REF. NO.:	17075
FROM:	Dave Hendren/pw/1	DATE:	September 13, 2005
RE:	Data Quality Assessment and Validation – Tier 2, Tier 3 Removal Action Activities GM SMCO Site Saginaw, Michigan	SSOW No.:	17307-131002

The following details a quality assessment and validation of the analytical data resulting from the July 20 through August 11, 2005 collection of 73 soil samples from the GM SMCO site in Saginaw, Michigan. The sample summary detailing sample identification, sample location, quality control samples, and analytical parameters is presented in Table 1. Sample analysis was completed Severn Trent Laboratories in North Canton, Ohio (STL) in accordance with the methodologies presented in Table 2.

The quality control criteria used to assess the data were established by the methods and the quality assurance project plan (QAPP). Application of quality assurance criteria was consistent with "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", EPA-540/R-99/008, October 1999.

The following elements are addressed in this memorandum with qualification if necessary in the identified tables:

	Data Review Element	Qualification Table
1	Sample Quantitation	NA
2	Sample Preservation and Holding Times	NA
3	Initial Calibration – Organic Analyses	NA
4	Continuing Calibration – Organic Analyses	NA
5	Method Blank Samples	NA
6	Surrogate Compounds – Organic Analyses	Table 3
7	Matrix Spike/Matrix Spike Duplicate Analyses	NA
8	Laboratory Control Sample Analysis	NA
9	Target Compound Identification	NA
10	Target Compound Quantitation	NA
11	Field Quality Assurance/Quality Control	NA
12	System Performance	NA

Sample Quantitation

The laboratory reported detected concentrations of polychlorinated biphenyls (PCB) below the laboratory's reporting limit (RL) but above the laboratory's method detection limit (MDL). The laboratory flagged these sample concentrations with a "J". These concentrations should be qualified as estimated (J) values unless qualified otherwise in this memorandum.

Sample Preservation and Holding Times

Sample holding time periods and preservation requirements are presented in Table 2. The samples were prepared and/or analyzed within the specified holding time periods. The samples were shipped and maintained in accordance with the samples preservation requirements.

Initial Calibration – Organic Analyses

Initial calibration data are used to demonstrate that each instrument is capable of generating acceptable quantitative data. A five point calibration curve containing all compounds of interest is analyzed to characterize instrument response for each over a specific concentration range.

Initial calibration criteria for organic analyses are evaluated against the following criteria:

- Gas chromatography (GC) (all compounds using an average for multi-response compounds) – the percent relative standard deviation (RSD) must not exceed 20 percent.

Calibration standards were analyzed at the required frequency and the results met the above criteria for linearity and sensitivity.

Continuing Calibration – Organic Analyses

To ensure that each instrument was capable of producing acceptable quantitative data over the analysis period, continuing calibration standards must be analyzed every 10 samples by GC. The following criteria are employed to evaluate the continuing calibration data:

- GC (all compounds using average for multi-response compounds) – the percent difference between mean initial calibration factor and the continuing calibration factor must not exceed 15 percent.

Calibration standards were analyzed at the required frequency and the results met the above criteria for instrument sensitivity and linearity of response.

Method Blank Samples

Method blank samples are prepared from a purified sample matrix and are processed concurrently with investigative samples to assess the presence and the magnitude of sample contamination introduced during sample analysis. Method blank samples are analyzed at a minimum frequency of one per analytical batch and target analytes should be non-detect.

The method blank samples were reported to be free from detectable levels of target analytes, indicating no laboratory-attributable contamination occurred.

Surrogate Compounds – Organic Analyses

Individual sample performance for organic analyses was monitored by assessing the results of surrogate compound percent recoveries. Surrogate percent recoveries are reviewed against the laboratory developed control limits provided in the analytical report.

Several surrogate recoveries could not be measured or evaluated in several samples due to dilutions required to successfully analyze the samples. No qualification of these samples was required. The surrogate recovery acceptance criteria were met for all samples that could be evaluated with the exception of the samples presented with qualifiers in Table 3.

Matrix Spike/Matrix Spike Duplicate Analyses

To assess the long term accuracy and precision of the analytical methods on various matrices, matrix spike spike/matrix spike duplicate (MS/MSD) percent recoveries and the relative percent difference (RPD) of the concentrations were determined. The organic MS/MSD percent recovery and RPD control limits are established by the laboratory. The samples selected for MS/MSD analysis are identified in Table 1.

In some sample batches, no site-specific samples were utilized as MS/MSDs; precision and accuracy were verified by the analysis of the laboratory control sample/laboratory control duplicate (LCS/LCD). The MS/MSD percent recoveries were acceptable or recoveries could not be measured due to the dilution required to successfully analyze the sample. No qualification was required.

Laboratory Control Sample/Laboratory Control Duplicate Analysis

The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analyses serve as a monitor of the overall performance in all steps of the sample analysis and are analyzed with each sample batch. The LCS percent recoveries were evaluated against method and laboratory established control limits.

The LCS percent recoveries were within the laboratory control limits or did not warrant qualification, indicating that an acceptable level of overall performance was achieved.

Laboratory precision was verified by the RPD of the LCS/LCSD when a matrix spike/matrix spike duplicate was not analyzed.

The RPDs were within the laboratory control limits, indicating that an acceptable level of overall laboratory precision was achieved.

Target Compound Identification

To minimize erroneous compound identification during organic analyses, qualitative criteria including compound retention time and mass spectra (if applicable) were evaluated according to identification criteria established by the methods. The samples identified in Table 1 were reviewed. The organic compounds reported adhered to the specified identification criteria.

Target Compound Quantitation

The reported quantitation results and detection limits were checked to ensure results reported were accurate. The samples identified in Table 1 were reviewed. No additional discrepancies were found between the raw data and the sample results reported by the laboratory.

Field Quality Assurance/Quality Control

There were no field quality assurance/quality control samples associated with these analyses.

System Performance

System performance between various quality control checks was evaluated to monitor for changes that may have caused the degradation of data quality. The samples identified in Table 1 were reviewed. No technical problems or chromatographic anomalies were observed which would require qualification of the data.

Overall Assessment

The data were found to exhibit acceptable levels of accuracy and precision based on the provided information and may be used with the qualifications noted.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
GM SMCO SITE
SAGINAW, MICHIGAN

Sample Identification	*Location*	*Matrix*	*QC Samples*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*Analysis/ Parameters*
S-072005-SSH-C1	SB-00709	Soil	MS/MSD	7/20/2005	14:15	PCB
S-072005-SSH-C2	SB-00709	Soil		7/20/2005	14:30	PCB
S-072005-SSH-C3	SB-00709	Soil		7/20/2005	14:45	PCB
S-072105-SSH-201	SB-298	Soil	MS/MSD	7/21/2005	12:30	PCB
S-072105-SSH-202	SB-298	Soil		7/21/2005	12:30	PCB
S-072105-SSH-203	SB-298	Soil		7/21/2005	12:30	PCB
S-072105-SSH-301	SB-03737A	Soil		7/21/2005	13:15	PCB
S-072105-SSH-302	SB-03737A	Soil		7/21/2005	13:15	PCB
S-072105-SSH-303	SB-03737A	Soil		7/21/2005	13:15	PCB
S-072205-SSH-401	MW-03734	Soil		7/22/2005	15:00	PCB
S-072205-SSH-402	MW-03734	Soil		7/22/2005	15:15	PCB
S-072205-SSH-403	MW-03734	Soil	MS/MSD	7/22/2005	15:30	PCB
S-072705-SSH-304	SB-03737A	Soil		7/27/2005	13:30	PCB
S-072705-SSH-305	SB-03737A	Soil		7/27/2005	13:30	PCB
S-072705-SSH-306	SB-03737A	Soil		7/27/2005	13:45	PCB
S-072705-SSH-307	SB-03737A	Soil	MS/MSD	7/27/2005	13:45	PCB
S-072805-SSH-204	SB-298	Soil		7/28/2005	12:00	PCB
S-072805-SSH-205	SB-298	Soil		7/28/2005	12:15	PCB
S-072905-SSH-404	MW-03734	Soil	MS/MSD	7/29/2005	9:45	PCB
S-072905-SSH-405	MW-03734	Soil		7/29/2005	9:45	PCB
S-072905-SSH-406	MW-03734	Soil		7/29/2005	10:00	PCB
S-072905-SSH-407	MW-03734	Soil		7/29/2005	10:00	PCB
S-072905-SSH-408	MW-03734	Soil		7/29/2005	10:15	PCB
S-072905-SSH-409	MW-03734	Soil		7/29/2005	10:15	PCB
S-080205-JY-308	SB-03737A(excavation)	Soil	MS/MSD	8/2/2005	14:20	PCB
S-080205-JY-309	SB-03737A(excavation)	Soil		8/2/2005	14:20	PCB
S-080205-JY-310	SB-03737A(excavation)	Soil		8/2/2005	14:20	PCB
S-080205-JY-311	SB-03737A(excavation)	Soil		8/2/2005	14:20	PCB
S-080205-JY-312	SB-03737A(excavation)	Soil		8/2/2005	14:20	PCB
S-080205-JY-313	SB-03737A(excavation)	Soil		8/2/2005	14:20	PCB
S-080205-JY-314	SB-03737A(excavation)	Soil		8/2/2005	14:20	PCB
S-080205-JY-315	SB-03737A(excavation)	Soil		8/2/2005	14:20	PCB

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
GM SMCO SITE
SAGINAW, MICHIGAN

Sample Identification	*Location*	*Matrix*	*QC Samples*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*Analysis/ Parameters*
S-080305-JY-206	SB-298 (excavation)	Soil	MS/MSD	8/3/2005	8:32	PCB
S-080405-JY-410	MW-03734	Soil	MS/MSD	8/4/2005	14:25	PCB
S-080405-JY-411	MW-03734	Soil		8/4/2005	14:25	PCB
S-080405-JY-412	MW-03734	Soil		8/4/2005	14:25	PCB
S-080405-JY-413	MW-03734	Soil		8/4/2005	14:25	PCB
S-080405-JY-414	MW-03734	Soil		8/4/2005	14:25	PCB
S-080405-JY-415	MW-03734	Soil		8/4/2005	14:25	PCB
S-080405-JY-416	MW-03734	Soil		8/4/2005	14:25	PCB
S-080405-JY-417	MW-03734	Soil		8/4/2005	14:25	PCB
S-080405-JY-418	MW-03734	Soil		8/4/2005	14:25	PCB
S-080405-JY-419	MW-03734	Soil		8/4/2005	14:25	PCB
S-080405-JY-420	MW-03734	Soil		8/4/2005	14:25	PCB
S-080405-JY-421	MW-03734	Soil		8/4/2005	14:25	PCB
S-080805-SSH-316	SB-03737A	Soil		8/8/2005	11:00	PCB
S-080805-SSH-317	SB-03737A	Soil		8/8/2005	11:15	PCB
S-081105-SSH-318	SB-03737A	Soil		8/11/2005	NR	PCB
S-081105-SSH-319	SB-03737A	Soil	MS/MSD	8/11/2005	NR	PCB
S-081105-SSH-422	MW-03734	Soil	MS/MSD	8/11/2005	NR	PCB
S-081105-SSH-423	MW-03734	Soil		8/11/2005	NR	PCB
S-081105-SSH-424	MW-03734	Soil		8/11/2005	NR	PCB
S-081105-SSH-425	MW-03734	Soil		8/11/2005	NR	PCB
S-081105-SSH-426	MW-03734	Soil		8/11/2005	NR	PCB
S-081105-SSH-427	MW-03734	Soil		8/11/2005	NR	PCB
S-081105-SSH-428	MW-03734	Soil		8/11/2005	NR	PCB
S-081105-SSH-429	MW-03734	Soil		8/11/2005	NR	PCB
S-081105-SSH-430	MW-03734	Soil		8/11/2005	NR	PCB
S-081105-SSH-431	MW-03734	Soil		8/11/2005	NR	PCB
S-081105-SSH-432	MW-03734	Soil		8/11/2005	NR	PCB
S-081105-SSH-433	MW-03734	Soil		8/11/2005	NR	PCB
S-081105-SSH-434	MW-03734	Soil		8/11/2005	NR	PCB
S-081105-SSH-435	MW-03734	Soil		8/11/2005	NR	PCB
S-081105-SSH-436	MW-03734	Soil		8/11/2005	NR	PCB

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
GM SMCO SITE
SAGINAW, MICHIGAN

Sample Identification	*Location*	*Matrix*	*QC Samples*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*Analysis/ Parameters*
S-081105-SSH-437	MW-03734	Soil		8/11/2005	NR	PCB
S-081105-SSH-438	MW-03734	Soil		8/11/2005	NR	PCB
S-081105-SSH-439	MW-03734	Soil		8/11/2005	NR	PCB
S-081105-SSH-440	MW-03734	Soil		8/11/2005	NR	PCB
S-081105-SSH-441	MW-03734	Soil		8/11/2005	NR	PCB
S-081105-SSH-442	MW-03734	Soil		8/11/2005	NR	PCB
S-081105-SSH-443	MW-03734	Soil		8/11/2005	NR	PCB
S-081105-SSH-444	MW-03734	Soil		8/11/2005	NR	PCB
S-081105-SSH-445	MW-03734	Soil		8/11/2005	NR	PCB

QC - Quality Control
MS/MSD - Matrix Spike/Matrix Spike Duplicate
PCB - Polychlorinated biphenyls
NR - Not Recorded

TABLE 2

SUMMARY OF ANALYTICAL METHODS, HOLDING TIME PERIODS, AND PRESERVATIVES
GM SMCO SITE
SAGINAW, MICHIGAN

Parameter	*Method*	*Matrix*	*Holding Time*	*Preservation*
PCB	SW-846 8082	Soil	- 14 days from sample collection to extraction - 40 days from extraction to completion of analysis	Iced, 4 ± 2° C

SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, 3rd Edition, and Promulgated updates, November 1986

TABLE 3

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO VIOLATION OF SURROGATE RECOVERY ACCEPTANCE CRITERIA
GM SMCO SITE
SAGINAW, MICHIGAN

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Qualified Results*	*Units*
PCB	Tetrachloro-m-xylene	132	10-127	S-072005-SSH-C2	Aroclor-1242	27J	µg/kg
					Aroclor-1260	47J	
PCB	Decachlorobiphenyl	13	40-138	S-080405-JY-414	Aroclor-1016	UJ	µg/kg
					Aroclor-1221	UJ	
					Aroclor-1232	UJ	
					Aroclor-1242	UJ	
					Aroclor-1248	290J	
					Aroclor-1254	UJ	
					Aroclor-1260	190J	
PCB	Decachlorobiphenyl	198	40-138	S-081105-SSH-435	Aroclor-1248	1600J	µg/kg
					Aroclor-1260	1900J	
PCB	Decachlorobiphenyl	144	40-138	S-081105-SSH-441	Aroclor-1242	550J	µg/kg
					Aroclor-1260	1400J	

Notes:

J - Estimated Concentration
UJ - Undetected at estimated detection limit

CONESTOGA-ROVERS & ASSOCIATES

14496 Sheldon Road, Suite #200
Plymouth, Michigan 48170
Telephone: (734) 453-5123 Fax: (734) 453-5201
www.CRAworld.com

MEMORANDUM

TO:	Mike Tomka	REF. NO.:	17075
FROM:	Rawa Fleisher/tl/1/Det	DATE:	January 9, 2006
RE:	Data Quality Assessment and Validation PCB IM Excavation GMPT SMCO Site, Saginaw, Michigan	SSOW:	17307-131007 17307-131008 17307-131009 17307-131010

The following details a quality assessment and validation of the analytical data resulting from the September through November 2005 collection of 227 samples from the GMPT SMCO Site in Saginaw, Michigan. The sample summary detailing sample identification, sample location, quality control samples, and analytical parameters is presented in Table 1. Sample analysis was completed at Severn Trent Laboratories in North Canton, Ohio (STL) in accordance with the methodologies presented in Table 2.

The quality control criteria used to assess the data were established by the methods and the quality assurance project plan (QAPP). Application of quality assurance criteria was consistent with following guidance documents:

i. "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", EPA-540/R-99/008, October 1999;

These guidelines are collectively referred to as "NFGs" in this Memorandum.

The following elements are addressed in this memorandum with qualification if necessary in the identified tables:

	Data Review Element	Qualification Table
1	Sample Quantitation	NA
2	Sample Preservation and Holding Times	NA
3	Method Blank Samples	NA
4	Surrogate Compounds – Organic Analyses	Table 3
5	Matrix Spike/Matrix Spike Duplicate Analyses	Table 4
6	Laboratory Control Sample Analysis/Laboratory Control Duplicate	NA

Sample Quantitation

The laboratory reported detected concentrations of polychlorinated biphenyls (PCB) below the laboratory's practical quantitation limit (PQL)/report limit (RL) but above the laboratory's method detection limit (MDL). The laboratory flagged these sample concentrations with a "J". These concentrations should be qualified as estimated (J) values unless qualified otherwise in this memorandum.

Sample Preservation and Holding Times

Sample holding time periods and preservation requirements are presented in Table 2. The samples were shipped and maintained in accordance with the sample preservation requirements.

Method Blank Samples

Method blank samples are prepared from a purified sample matrix and are processed concurrently with investigative samples to assess the presence and the magnitude of sample contamination introduced during sample analysis. Method blank samples are analyzed at a minimum frequency of one per analytical batch and target analytes should be non-detect. The method blank samples were reported to be free from detectable levels of target analytes, indicating no additional laboratory-attributable contamination occurred.

Surrogate Compounds – Organic Analyses

Individual sample performance for organic analyses was monitored by assessing the results of surrogate compound percent recoveries. Surrogate percent recoveries are reviewed against the laboratory developed control limits provided in the analytical report.

The PCB surrogate recoveries could not be measured or evaluated in numerous samples due to dilutions required to successfully analyze the samples. No qualification of these samples was required. The surrogate recovery acceptance criteria were met for all samples that could be evaluated with the exception of samples presented with qualifiers in Table 3.

Matrix Spike/Matrix Spike Duplicate Analyses

To assess the long term accuracy and precision of the analytical methods on various matrices, matrix spike/matrix spike duplicate (MS/MSD) percent recoveries and the relative percent difference (RPD) of the concentrations were determined. The organic MS/MSD percent recovery and RPD control limits are established by the laboratory. The samples selected for MS/MSD analysis are identified in Table 1.

In some sample batches, no Site-specific samples were utilized as MS/MSDs; precision was verified by the analysis of the laboratory control sample (LCS). Qualification of samples associated with these MS/MSDs was not performed. The samples that should be qualified due to violation of MS/MSD percent recovery or RPD criteria are outlined in Table 4. In some instances, MS/MSD percent recoveries could not be measured due to the dilutions required to successfully analyze the samples. No qualification was required in these instances. The MS/MSD percent recoveries and associated RPD acceptance criteria were met in the remaining sample analyses.

Laboratory Control Sample Analysis

The laboratory control sample (LCS) analyses serve as a monitor of the overall performance in all steps of the sample analysis and are analyzed with each sample batch. The LCS percent recoveries were evaluated against method and laboratory established control limits.

The LCS percent recoveries were within the laboratory control limits indicating that an acceptable level of overall performance was achieved.

Overall Assessment

The data were found to exhibit acceptable levels of accuracy and precision based on the provided information and may be used with the qualifications noted.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
GMPT SMCO SITE
SAGINAW, MICHIGAN

Sample Identification	*Location*	*Matrix*	*QC Samples*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*Analysis/ Parameters*
S-17075-090605-JY-501	GP-1-05	Soil	MS/MSD	9/6/2005		PCB
S-17075-090605-JY-502	GP-1-05	Soil		9/6/2005		PCB
S-17075-090605-JY-503	GP-1-05	Soil		9/6/2005		PCB
S-17075-090605-JY-504	GP-1-05	Soil		9/6/2005		PCB
S-17075-090605-JY-505	GP-2-05	Soil		9/6/2005		PCB
S-17075-090605-JY-506	GP-2-05	Soil		9/6/2005		PCB
S-17075-090605-JY-507	GP-2-05	Soil		9/6/2005		PCB
S-17075-090605-JY-508	GP-2-05	Soil		9/6/2005		PCB
S-17075-090605-JY-509	GP-3-05	Soil		9/6/2005		PCB
S-17075-090605-JY-510	GP-3-05	Soil		9/6/2005		PCB
S-17075-090605-JY-511	GP-3-05	Soil		9/6/2005		PCB
S-17075-090605-JY-512	GP-3-05	Soil		9/6/2005		PCB
S-17075-090605-JY-513	GP-4-05	Soil		9/6/2005		PCB
S-17075-090605-JY-514	GP-4-05	Soil		9/6/2005		PCB
S-17075-090605-JY-515	GP-4-05	Soil		9/6/2005		PCB
S-17075-090605-JY-516	GP-4-05	Soil		9/6/2005		PCB
S-17075-090605-JY-517	GP-5-05	Soil		9/6/2005		PCB
S-17075-090605-JY-518	GP-5-05	Soil		9/6/2005		PCB
S-17075-090605-JY-519	GP-5-05	Soil		9/6/2005		PCB
S-17075-090605-JY-520	GP-5-05	Soil		9/6/2005		PCB
S-17075-090605-JY-529	GP-8-05	Soil	MS/MSD	9/6/2005		PCB
S-17075-090605-JY-530	GP-8-05	Soil		9/6/2005		PCB
S-17075-090605-JY-531	GP-8-05	Soil		9/6/2005		PCB
S-17075-090605-JY-532	GP-8-05	Soil		9/6/2005		PCB
S-17075-090605-JY-533	GP-9-05	Soil		9/6/2005		PCB
S-17075-090605-JY-534	GP-9-05	Soil		9/6/2005		PCB
S-17075-090605-JY-535	GP-9-05	Soil		9/6/2005		PCB
S-17075-090605-JY-536	GP-9-05	Soil		9/6/2005		PCB
S-17075-090605-JY-537	GP-10-05	Soil		9/6/2005		PCB
S-17075-090605-JY-538	GP-10-05	Soil		9/6/2005		PCB
S-17075-090605-JY-539	GP-10-05	Soil		9/6/2005		PCB
S-17075-090605-JY-540	GP-10-05	Soil		9/6/2005		PCB

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
GMPT SMCO SITE
SAGINAW, MICHIGAN

Sample Identification	*Location*	*Matrix*	*QC Samples*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*Analysis/ Parameters*
S-17075-090605-JY-551	GP-14-05	Soil		9/6/2005		PCB
S-17075-090605-JY-552	GP-14-05	Soil		9/6/2005		PCB
S-17075-090605-JY-553	GP-15-05	Soil		9/6/2005		PCB
S-17075-090605-JY-554	GP-15-05	Soil		9/6/2005		PCB
S-17075-090605-JY-555	GP-16-05	Soil		9/6/2005		PCB
S-17075-090605-JY-556	GP-16-05	Soil	MS/MSD	9/6/2005		PCB
S-17075-090605-JY-557	GP-16-05	Soil		9/6/2005		PCB
S-17075-090605-JY-558	GP-17-05	Soil		9/6/2005		PCB
S-17075-090605-JY-559	GP-17-05	Soil		9/6/2005		PCB
S-17075-090605-JY-560	GP-17-05	Soil		9/6/2005		PCB
S-17075-090605-JY-561	GP-17-05	Soil		9/6/2005		PCB
S-17075-090605-JY-562	GP-18-05	Soil		9/6/2005		PCB
S-17075-090605-JY-563	GP-18-05	Soil		9/6/2005		PCB
S-17075-090605-JY-564	GP-19-05	Soil		9/6/2005		PCB
S-17075-090605-JY-565	GP-20-05	Soil		9/6/2005		PCB
S-092305-SSH-601	GP-21-05	Soil		9/23/2005		PCB
S-092305-SSH-602	GP-21-05	Soil		9/23/2005		PCB
S-092305-SSH-603	GP-21-05	Soil		9/23/2005		PCB
S-092305-SSH-604	GP-21-05	Soil		9/23/2005		PCB
S-092305-SSH-605	GP-22-05	Soil		9/23/2005		PCB
S-092305-SSH-606	GP-22-05	Soil		9/23/2005		PCB
S-092305-SSH-607	GP-22-05	Soil		9/23/2005		PCB
S-092305-SSH-608	GP-22-05	Soil		9/23/2005		PCB
S-092305-SSH-609	GP-23-05	Soil		9/23/2005		PCB
S-092305-SSH-610	GP-23-05	Soil		9/23/2005		PCB
S-092305-SSH-611	GP-23-05	Soil		9/23/2005		PCB
S-092305-SSH-612	GP-23-05	Soil		9/23/2005		PCB
S-092305-SSH-613	GP-24-05	Soil		9/23/2005		PCB
S-092305-SSH-614	GP-24-05	Soil		9/23/2005		PCB
S-092305-SSH-615	GP-25-05	Soil		9/23/2005		PCB
S-092305-SSH-616	GP-25-05	Soil		9/23/2005		PCB
S-092305-SSH-617	GP-25-05	Soil		9/23/2005		PCB

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
GMPT SMCO SITE
SAGINAW, MICHIGAN

Sample Identification	*Location*	*Matrix*	*QC Samples*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*Analysis/ Parameters*
S-092305-SSH-618	GP-25-05	Soil		9/23/2005		PCB
S-092305-SSH-619	GP-26-05	Soil	MS/MSD	9/23/2005		PCB
S-092305-SSH-620	GP-26-05	Soil		9/23/2005		PCB
S-092305-SSH-621	GP-26-05	Soil		9/23/2005		PCB
S-092305-SSH-622	GP-26-05	Soil		9/23/2005		PCB
S-092305-SSH-623	GP-27-05	Soil		9/23/2005		PCB
S-092305-SSH-624	GP-27-05	Soil		9/23/2005		PCB
S-092305-SSH-625	GP-27-05	Soil		9/23/2005		PCB
S-092305-SSH-626	GP-27-05	Soil		9/23/2005		PCB
S-092305-SSH-627	GP-28-05	Soil		9/23/2005		PCB
S-092305-SSH-628	GP-28-05	Soil		9/23/2005		PCB
S-092305-SSH-629	GP-28-05	Soil		9/23/2005		PCB
S-092305-SSH-630	GP-29-05	Soil		9/23/2005		PCB
S-092305-SSH-631	GP-29-05	Soil		9/23/2005		PCB
S-092305-SSH-636	GP-31-05	Soil		9/23/2005		PCB
S-092305-SSH-637	GP-32-05	Soil		9/23/2005		PCB
S-092305-SSH-638	GP-7A-05	Soil		9/23/2005		PCB
S-092305-SSH-639	GP-7A-05	Soil		9/23/2005		PCB
S-102105-SSH-701	GP-33-05	Soil		10/21/2005		PCB
S-102105-SSH-702	GP-33-05	Soil		10/21/2005		PCB
S-102105-SSH-703	GP-33-05	Soil		10/21/2005		PCB
S-102105-SSH-704	GP-33-05	Soil		10/21/2005		PCB
S-102105-SSH-705	GP-34-05	Soil	MS/MSD	10/21/2005		PCB
S-102105-SSH-706	GP-34-05	Soil		10/21/2005		PCB
S-102105-SSH-707	GP-34-05	Soil		10/21/2005		PCB
S-102105-SSH-708	GP-35-05	Soil		10/21/2005		PCB
S-102105-SSH-709	GP-35-05	Soil	MS/MSD	10/21/2005		PCB
S-102105-SSH-710	GP-35-05	Soil		10/21/2005		PCB
S-102105-SSH-711	GP-35-05	Soil		10/21/2005		PCB
S-102105-SSH-712	GP-36-05	Soil		10/21/2005		PCB
S-102105-SSH-713	GP-36-05	Soil		10/21/2005		PCB
S-102105-SSH-714	GP-36-05	Soil		10/21/2005		PCB

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
GMPT SMCO SITE
SAGINAW, MICHIGAN

Sample Identification	*Location*	*Matrix*	*QC Samples*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*Analysis/ Parameters*
S-102105-SSH-715	GP-36-05	Soil		10/21/2005		PCB
S-102105-SSH-716	GP-37-05	Soil		10/21/2005		PCB
S-102105-SSH-717	GP-37-05	Soil		10/21/2005		PCB
S-102105-SSH-718	GP-37-05	Soil		10/21/2005		PCB
S-102105-SSH-719	GP-37-05	Soil		10/21/2005		PCB
S-102105-SSH-720	GP-38-05	Soil		10/21/2005		PCB
S-102105-SSH-721	GP-38-05	Soil		10/21/2005		PCB
S-102105-SSH-722	GP-38-05	Soil		10/21/2005		PCB
S-102105-SSH-723	GP-38-05	Soil		10/21/2005		PCB
S-102105-SSH-724	GP-39-05	Soil		10/21/2005		PCB
S-102105-SSH-725	GP-39-05	Soil		10/21/2005		PCB
S-102105-SSH-726	GP-39-05	Soil		10/21/2005		PCB
S-102105-SSH-727	GP-39-05	Soil		10/21/2005		PCB
S-102105-SSH-728	GP-40-05	Soil		10/21/2005		PCB
S-102105-SSH-729	GP-40-05	Soil		10/21/2005		PCB
S-102105-SSH-730	GP-40-05	Soil		10/21/2005		PCB
S-102105-SSH-731	GP-40-05	Soil		10/21/2005		PCB
S-102105-SSH-732	GP-41-05	Soil		10/21/2005		PCB
S-102105-SSH-733	GP-41-05	Soil		10/21/2005		PCB
S-102105-SSH-734	GP-41-05	Soil		10/21/2005		PCB
S-102105-SSH-735	GP-41-05	Soil		10/21/2005		PCB
S-102105-SSH-736	GP-42-05	Soil		10/21/2005		PCB
S-102105-SSH-737	GP-42-05	Soil		10/21/2005		PCB
S-102105-SSH-738	GP-42-05	Soil		10/21/2005		PCB
S-102105-SSH-739	GP-43-05	Soil		10/21/2005		PCB
S-102105-SSH-740	GP-43-05	Soil		10/21/2005		PCB
S-102105-SSH-741	GP-43-05	Soil		10/21/2005		PCB
S-102105-SSH-742	GP-43-05	Soil		10/21/2005		PCB
S-102105-SSH-743	GP-44-05	Soil		10/21/2005		PCB
S-102105-SSH-744	GP-44-05	Soil		10/21/2005		PCB
S-102105-SSH-745	GP-45-05	Soil	MS/MSD	10/21/2005		PCB
S-102105-SSH-746	GP-46-05	Soil		10/21/2005		PCB

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
GMPT SMCO SITE
SAGINAW, MICHIGAN

Sample Identification	*Location*	*Matrix*	*QC Samples*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*Analysis/ Parameters*
S-102105-SSH-747	GP-46-05	Soil		10/21/2005		PCB
S-102105-SSH-748	GP-46-05	Soil		10/21/2005		PCB
S-102105-SSH-749	GP-46-05	Soil		10/21/2005		PCB
S-102105-SSH-750	GP-47-05	Soil		10/21/2005		PCB
S-102105-SSH-751	GP-48-05	Soil		10/21/2005		PCB
S-102105-SSH-752	GP-48-05	Soil	MS/MSD	10/21/2005		PCB
S-102105-SSH-753	GP-48-05	Soil		10/21/2005		PCB
S-102105-SSH-754	GP-49-05	Soil		10/21/2005		PCB
S-102105-SSH-755	GP-49-05	Soil		10/21/2005		PCB
S-102105-SSH-756	GP-49-05	Soil		10/21/2005		PCB
S-102105-SSH-757	GP-49-05	Soil		10/21/2005		PCB
S-102105-SSH-758	GP-50-05	Soil		10/21/2005		PCB
S-102105-SSH-759	GP-50-05	Soil		10/21/2005		PCB
S-102105-SSH-760	GP-50-05	Soil		10/21/2005		PCB
S-102105-SSH-761	GP-50-05	Soil		10/21/2005		PCB
S-102105-SSH-762	GP-51-05	Soil		10/21/2005		PCB
S-102105-SSH-763	GP-51-05	Soil		10/21/2005		PCB
S-102105-SSH-764	GP-51-05	Soil		10/21/2005		PCB
S-102105-SSH-765	GP-51-05	Soil		10/21/2005		PCB
S-102105-SSH-766	GP-52-05	Soil		10/21/2005		PCB
S-102105-SSH-767	GP-52-05	Soil		10/21/2005		PCB
S-102105-SSH-768	GP-52-05	Soil		10/21/2005		PCB
S-102105-SSH-769	GP-52-05	Soil		10/21/2005		PCB
S-102105-SSH-770	GP-53-05	Soil		10/21/2005		PCB
S-102105-SSH-771	GP-53-05	Soil	MS/MSD	10/21/2005		PCB
S-102105-SSH-772	GP-53-05	Soil		10/21/2005		PCB
S-102105-SSH-773	GP-53-05	Soil		10/21/2005		PCB
S-112205-SSH-801	GP-54-05	Soil		11/22/2005		PCB
S-112205-SSH-802	GP-55-05	Soil		11/22/2005		PCB
S-112205-SSH-803	GP-55-05	Soil		11/22/2005		PCB
S-112205-SSH-804	GP-55-05	Soil		11/22/2005		PCB
S-112205-SSH-805	GP-55-05	Soil		11/22/2005		PCB

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
GMPT SMCO SITE
SAGINAW, MICHIGAN

Sample Identification	*Location*	*Matrix*	*QC Samples*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*Analysis/ Parameters*
S-112205-SSH-806	GP-56-05	Soil		11/22/2005		PCB
S-112205-SSH-807	GP-56-05	Soil		11/22/2005		PCB
S-112205-SSH-808	GP-56-05	Soil		11/22/2005		PCB
S-112205-SSH-809	GP-56-05	Soil		11/22/2005		PCB
S-112205-SSH-810	GP-57-05	Soil		11/22/2005		PCB
S-112205-SSH-811	GP-57-05	Soil		11/22/2005		PCB
S-112205-SSH-812	GP-58-05	Soil	MS/MSD	11/22/2005		PCB
S-112205-SSH-813	GP-58-05	Soil		11/22/2005		PCB
S-112205-SSH-814	GP-58-05	Soil		11/22/2005		PCB
S-112205-SSH-815	GP-58-05	Soil		11/22/2005		PCB
S-112205-SSH-816	GP-59-05	Soil		11/22/2005		PCB
S-112205-SSH-817	GP-59-05	Soil		11/22/2005		PCB
S-112205-SSH-818	GP-59-05	Soil		11/22/2005		PCB
S-112205-SSH-819	GP-59-05	Soil		11/22/2005		PCB
S-112205-SSH-820	GP-60-05	Soil	MS/MSD	11/22/2005		PCB
S-112205-SSH-821	GP-60-05	Soil		11/22/2005		PCB
S-112205-SSH-822	GP-60-05	Soil		11/22/2005		PCB
S-112205-SSH-823	GP-60-05	Soil		11/22/2005		PCB
S-112205-SSH-824	GP-61-05	Soil		11/22/2005		PCB
S-112205-SSH-825	GP-61-05	Soil		11/22/2005		PCB
S-112205-SSH-826	GP-61-05	Soil		11/22/2005		PCB
S-112205-SSH-827	GP-61-05	Soil		11/22/2005		PCB
S-112205-SSH-828	GP-62-05	Soil		11/22/2005		PCB
S-112205-SSH-829	GP-62-05	Soil		11/22/2005		PCB
S-112205-SSH-830	GP-62-05	Soil		11/22/2005		PCB
S-112205-SSH-831	GP-62-05	Soil		11/22/2005		PCB
S-112205-SSH-832	GP-63-05	Soil		11/22/2005		PCB
S-112205-SSH-833	GP-63-05	Soil		11/22/2005		PCB
S-112205-SSH-834	GP-63-05	Soil		11/22/2005		PCB
S-112205-SSH-835	GP-63-05	Soil		11/22/2005		PCB
S-112205-SSH-836	GP-64-05	Soil		11/22/2005		PCB
S-112205-SSH-837	GP-64-05	Soil		11/22/2005		PCB

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
GMPT SMCO SITE
SAGINAW, MICHIGAN

Sample Identification	*Location*	*Matrix*	*QC Samples*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*Analysis/ Parameters*
S-112205-SSH-838	GP-64-05	Soil		11/22/2005		PCB
S-112205-SSH-839	GP-64-05	Soil		11/22/2005		PCB
S-112205-SSH-840	GP-65-05	Soil	MS/MSD	11/22/2005		PCB
S-112205-SSH-841	GP-65-05	Soil		11/22/2005		PCB
S-112205-SSH-842	GP-66-05	Soil		11/22/2005		PCB
S-112205-SSH-843	GP-66-05	Soil		11/22/2005		PCB
S-112205-SSH-844	GP-66-05	Soil		11/22/2005		PCB
S-112205-SSH-845	GP-66-05	Soil		11/22/2005		PCB
S-112205-SSH-846	GP-67-05	Soil		11/22/2005		PCB
S-112205-SSH-847	GP-67-05	Soil		11/22/2005		PCB
S-112205-SSH-848	GP-67-05	Soil		11/22/2005		PCB
S-112205-SSH-849	GP-67-05	Soil		11/22/2005		PCB
S-112205-SSH-850	GP-68-05	Soil		11/22/2005		PCB
S-112205-SSH-851	GP-68-05	Soil		11/22/2005		PCB
S-112205-SSH-852	GP-68-05	Soil		11/22/2005		PCB
S-112205-SSH-853	GP-68-05	Soil		11/22/2005		PCB
S-112205-SSH-854	GP-69-05	Soil		11/22/2005		PCB
S-112205-SSH-855	GP-69-05	Soil		11/22/2005		PCB
S-112205-SSH-856	GP-69-05	Soil		11/22/2005		PCB
S-112205-SSH-857	GP-69-05	Soil		11/22/2005		PCB
S-112205-SSH-862	GP-71-05	Soil		11/22/2005		PCB
S-112205-SSH-863	GP-71-05	Soil		11/22/2005		PCB
S-112205-SSH-864	GP-71-05	Soil		11/22/2005		PCB
S-112205-SSH-865	GP-71-05	Soil		11/22/2005		PCB
S-112205-SSH-876	GP-75-05	Soil		11/22/2005		PCB
S-112205-SSH-877	GP-75-05	Soil		11/22/2005		PCB
S-112205-SSH-878	GP-75-05	Soil		11/22/2005		PCB
S-112205-SSH-879	GP-75-05	Soil		11/22/2005		PCB
S-112205-SSH-887	GP-78-05	Soil		11/22/2005		PCB
S-112205-SSH-888	GP-78-05	Soil		11/22/2005		PCB
S-112205-SSH-889	GP-78-05	Soil		11/22/2005		PCB
S-112205-SSH-894	GP-80-05	Soil		11/22/2005		PCB

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
GMPT SMCO SITE
SAGINAW, MICHIGAN

Sample Identification	*Location*	*Matrix*	*QC Samples*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*Analysis/ Parameters*
S-112205-SSH-895	GP-80-05	Soil		11/22/2005		PCB
S-112205-SSH-896	GP-80-05	Soil		11/22/2005		PCB
S-112205-SSH-897	GP-80-05	Soil		11/22/2005		PCB

QC - Quality Control
MS/MSD - Matrix Spike/Matrix Spike Duplicate
PCB - Polychlorinated biphenyls

TABLE 2

SUMMARY OF ANALYTICAL METHODS, HOLDING TIME PERIODS, AND PRESERVATIVES
GMPT SMCO SITE
SAGINAW, MICHIGAN

Parameter	*Method*	*Matrix*	*Holding Time*	*Preservation*
PCB	SW-846 8082	Soil	- 14 days from sample collection to extraction - 40 days from extraction to completion of analysis	Iced, 4 ± 2° C

SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, 3rd Edition, and Promulgated updates, November 1986

TABLE 3

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO VIOLATION OF SURROGATE RECOVERY ACCEPTANCE CRITERIA
GMPT SMCO SITE
SAGINAW, MICHIGAN

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
PCB	Decachlorobiphenyl	247	40-138	S-112205-SSH-805	Aroclor-1260 (PCB-1260)	41 J	µg/kg	J
					Aroclor-1248 (PCB-1248)	140	µg/kg	J
PCB	Decachlorobiphenyl	20	40-138	S-112205-SSH-812	Aroclor-1260 (PCB-1260)	120	µg/kg	J
					Aroclor-1242 (PCB-1242)	190	µg/kg	J
					Aroclor-1254 (PCB-1254)	ND (71)	µg/kg	UJ
					Aroclor-1221 (PCB-1221)	ND (71)	µg/kg	UJ
					Aroclor-1232 (PCB-1232)	ND (71)	µg/kg	UJ
					Aroclor-1248 (PCB-1248)	ND (71)	µg/kg	UJ
					Aroclor-1016 (PCB-1016)	ND (71)	µg/kg	UJ
PCB	Decachlorobiphenyl	31	40-138	S-112205-SSH-813	Aroclor-1254 (PCB-1254)	28 J	µg/kg	J
					Aroclor-1260 (PCB-1260)	ND (36)	µg/kg	UJ
					Aroclor-1221 (PCB-1221)	ND (36)	µg/kg	UJ
					Aroclor-1232 (PCB-1232)	ND (36)	µg/kg	UJ
					Aroclor-1248 (PCB-1248)	ND (36)	µg/kg	UJ
					Aroclor-1016 (PCB-1016)	ND (36)	µg/kg	UJ
					Aroclor-1242 (PCB-1242)	ND (36)	µg/kg	UJ
PCB	Decachlorobiphenyl	38	40-138	S-112205-SSH-814	Aroclor-1260 (PCB-1260)	ND (36)	µg/kg	UJ
					Aroclor-1254 (PCB-1254)	ND (36)	µg/kg	UJ
					Aroclor-1221 (PCB-1221)	ND (36)	µg/kg	UJ
					Aroclor-1232 (PCB-1232)	ND (36)	µg/kg	UJ
					Aroclor-1248 (PCB-1248)	ND (36)	µg/kg	UJ
					Aroclor-1016 (PCB-1016)	ND (36)	µg/kg	UJ
					Aroclor-1242 (PCB-1242)	ND (36)	µg/kg	UJ
PCB	Decachlorobiphenyl	34	40-138	S-112205-SSH-815	Aroclor-1260 (PCB-1260)	ND (40)	µg/kg	UJ
					Aroclor-1254 (PCB-1254)	ND (40)	µg/kg	UJ
					Aroclor-1221 (PCB-1221)	ND (40)	µg/kg	UJ
					Aroclor-1232 (PCB-1232)	ND (40)	µg/kg	UJ
					Aroclor-1248 (PCB-1248)	ND (40)	µg/kg	UJ
					Aroclor-1016 (PCB-1016)	ND (40)	µg/kg	UJ
					Aroclor-1242 (PCB-1242)	ND (40)	µg/kg	UJ

TABLE 3

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO VIOLATION OF SURROGATE RECOVERY ACCEPTANCE CRITERIA
GMPT SMCO SITE
SAGINAW, MICHIGAN

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
PCB	Decachlorobiphenyl	35	40-138	S-112205-SSH-826	Aroclor-1248 (PCB-1248)	46	µg/kg	J
					Aroclor-1260 (PCB-1260)	ND (37)	µg/kg	UJ
					Aroclor-1254 (PCB-1254)	ND (37)	µg/kg	UJ
					Aroclor-1221 (PCB-1221)	ND (37)	µg/kg	UJ
					Aroclor-1232 (PCB-1232)	ND (37)	µg/kg	UJ
					Aroclor-1016 (PCB-1016)	ND (37)	µg/kg	UJ
					Aroclor-1242 (PCB-1242)	ND (37)	µg/kg	UJ
PCB	Decachlorobiphenyl	306	40-138	S-102105-SSH-702	Aroclor-1260 (PCB-1260)	21 J	µg/kg	J
					Aroclor-1248 (PCB-1248)	77	µg/kg	J
PCB	Decachlorobiphenyl	162	40-138	S-102105-SSH-704	Aroclor-1254 (PCB-1254)	33 J	µg/kg	J
PCB	Decachlorobiphenyl	163	40-138	S-102105-SSH-725	Aroclor-1260 (PCB-1260)	280	µg/kg	J
PCB	Decachlorobiphenyl	140	40-138	S-092305-SSH-616	Aroclor-1260 (PCB-1260)	550	µg/kg	J
					Aroclor-1242 (PCB-1242)	100	µg/kg	J
PCB	Decachlorobiphenyl	26	40-138	S-092305-SSH-629	Aroclor-1260 (PCB-1260)	84	µg/kg	J
					Aroclor-1248 (PCB-1248)	82	µg/kg	J
					Aroclor-1254 (PCB-1254)	ND (40)	µg/kg	UJ
					Aroclor-1221 (PCB-1221)	ND (40)	µg/kg	UJ
					Aroclor-1232 (PCB-1232)	ND (40)	µg/kg	UJ
					Aroclor-1016 (PCB-1016)	ND (40)	µg/kg	UJ
					Aroclor-1242 (PCB-1242)	ND (40)	µg/kg	UJ
PCB	Decachlorobiphenyl	189	40-138	S-17075-090605-JY-512	Aroclor-1254 (PCB-1254)	40	µg/kg	J
PCB	Decachlorobiphenyl	36	40-138	S-17075-090605-JY-560	Aroclor-1260 (PCB-1260)	74	µg/kg	J
					Aroclor-1254 (PCB-1254)	ND (43)	µg/kg	UJ
					Aroclor-1221 (PCB-1221)	ND (43)	µg/kg	UJ
					Aroclor-1232 (PCB-1232)	ND (43)	µg/kg	UJ
					Aroclor-1248 (PCB-1248)	ND (43)	µg/kg	UJ

TABLE 3

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO VIOLATION OF SURROGATE RECOVERY ACCEPTANCE CRITERIA
GMPT SMCO SITE
SAGINAW, MICHIGAN

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
					Aroclor-1016 (PCB-1016)	ND (43)	µg/kg	UJ
					Aroclor-1242 (PCB-1242)	ND (43)	µg/kg	UJ
PCB	Decachlorobiphenyl	39	40-138	S-17075-090605-JY-561	Aroclor-1254 (PCB-1254)	120	µg/kg	J
					Aroclor-1260 (PCB-1260)	ND (45)	µg/kg	UJ
					Aroclor-1221 (PCB-1221)	ND (45)	µg/kg	UJ
					Aroclor-1232 (PCB-1232)	ND (45)	µg/kg	UJ
					Aroclor-1248 (PCB-1248)	ND (45)	µg/kg	UJ
					Aroclor-1016 (PCB-1016)	ND (45)	µg/kg	UJ
					Aroclor-1242 (PCB-1242)	ND (45)	µg/kg	UJ
PCB	Decachlorobiphenyl	35	40-138	S-17075-090605-JY-565	Aroclor-1260 (PCB-1260)	11 J	µg/kg	J
					Aroclor-1248 (PCB-1248)	68	µg/kg	J
					Aroclor-1254 (PCB-1254)	ND (39)	µg/kg	UJ
					Aroclor-1221 (PCB-1221)	ND (39)	µg/kg	UJ
					Aroclor-1232 (PCB-1232)	ND (39)	µg/kg	UJ
					Aroclor-1016 (PCB-1016)	ND (39)	µg/kg	UJ
					Aroclor-1242 (PCB-1242)	ND (39)	µg/kg	UJ
PCB	Tetrachloro-m-xylene	140	10-127	S-17075-090605-JY-536	Aroclor-1260 (PCB-1260)	17 J	µg/kg	J
					Aroclor-1248 (PCB-1248)	88	µg/kg	J

Notes:

J - Estimated Concentration
UJ - Estimated Report Limit

TABLE 4

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
GMPT SMCO SITE
SAGINAW, MICHIGAN

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Sample Result*	*Units*	*Qualifier*
						Recovery (percent)	*RPD (percent)*			
PCBs	S-17075-090605-JY-529	Aroclor-1260 (PCB-1260)	0	0	0	10-200	30	850	µg/kg	J
	S-17075-090605-JY-536	Aroclor-1260 (PCB-1260)	117	75	44	10-200	30	17 J	µg/kg	J
	S-092305-SSH-619	Aroclor-1260 (PCB-1260)	45	193	105	10-200	30	81	µg/kg	J
	S-112205-SSH-812	Aroclor-1260 (PCB-1260)	175	20	119	10-200	30	120	µg/kg	J
	S-112205-SSH-840	Aroclor-1260 (PCB-1260)	0	43	34	10-200	30	1300	µg/kg	J

Notes:

J - Estimated Concentration

CONESTOGA-ROVERS & ASSOCIATES

8615 W. Bryn Mawr Avenue, Chicago, Illinois 60631
Telephone: (773) 380-9933 Fax: (773) 380-6421
www.CRAworld.com

MEMORANDUM

TO:	Mike Tomka	REF. NO.:	17075
FROM:	Rawa Fleisher/tl/1/Det	DATE:	May 26, 2006
RE:	Data Quality Assessment and Validation – Tier 2 Removal Action Activities GM SMCO Site Saginaw, Michigan	SSOW No.:	17307-131012

The following details a quality assessment and validation of the analytical data resulting from the May 2006 collection of nine (9) soil samples from the GM SMCO site in Saginaw, Michigan. The sample summary detailing sample identification, sample location, quality control samples, and analytical parameters is presented in Table 1. Sample analysis was completed Severn Trent Laboratories in North Canton, Ohio (STL) in accordance with the methodologies presented in Table 2.

The quality control criteria used to assess the data were established by the methods and the quality assurance project plan (QAPP). Application of quality assurance criteria was consistent with "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", EPA-540/R-99/008, October 1999.

The following elements are addressed in this memorandum with qualification if necessary in the identified tables:

	Data Review Element	Qualification Table
1	Sample Quantitation	NA
2	Sample Preservation and Holding Times	NA
3	Method Blank Samples	NA
4	Surrogate Compounds – Organic Analyses	Table 3
5	Matrix Spike/Matrix Spike Duplicate Analyses	Table 4
6	Laboratory Control Sample Analysis	NA
7	Field Quality Assurance/Quality Control	NA

Sample Quantitation

The laboratory reported detected concentrations of polychlorinated biphenyls (PCB) below the laboratory's reporting limit (RL) but above the laboratory's method detection limit (MDL). The laboratory flagged these sample concentrations with a "J". These concentrations should be qualified as estimated (J) values unless qualified otherwise in this memorandum.

Sample Preservation and Holding Times

Sample holding time periods and preservation requirements are presented in Table 2. The samples were prepared and/or analyzed within the specified holding time periods. The samples were shipped and maintained in accordance with the samples preservation requirements.

Method Blank Samples

Method blank samples are prepared from a purified sample matrix and are processed concurrently with investigative samples to assess the presence and the magnitude of sample contamination introduced during sample analysis. Method blank samples are analyzed at a minimum frequency of one per analytical batch and target analytes should be non-detect.

The method blank samples were reported to be free from detectable levels of target analytes, indicating no laboratory-attributable contamination occurred.

Surrogate Compounds – Organic Analyses

Individual sample performance for organic analyses was monitored by assessing the results of surrogate compound percent recoveries. Surrogate percent recoveries are reviewed against the laboratory developed control limits provided in the analytical report.

Several surrogate recoveries could not be measured or evaluated in several samples due to dilutions required to successfully analyze the samples. No qualification of these samples was required. The surrogate recovery acceptance criteria were met for all samples that could be evaluated with the exception of the samples presented with qualifiers in Table 3.

Matrix Spike/Matrix Spike Duplicate Analyses

To assess the long term accuracy and precision of the analytical methods on various matrices, matrix spike spike/matrix spike duplicate (MS/MSD) percent recoveries and the relative percent difference (RPD) of the concentrations were determined. The organic MS/MSD percent recovery and RPD control limits are established by the laboratory. The samples selected for MS/MSD analysis are identified in Table 1.

The samples that should be qualified due to violation of MS/MSD percent recovery criteria are outlined in Table 4. The MS/MSD percent recoveries and associated RPD acceptance criteria were met in the remaining sample analyses.

Laboratory Control Sample

The laboratory control sample (LCS) analyses serve as a monitor of the overall performance in all steps of the sample analysis and are analyzed with each sample batch. The LCS percent recoveries were evaluated against method and laboratory established control limits.

The LCS percent recoveries were within the laboratory control limits or did not warrant qualification, indicating that an acceptable level of overall performance was achieved.

Field Quality Assurance/Quality Control

There were no field quality assurance/quality control samples associated with these analyses.

Overall Assessment

The data were found to exhibit acceptable levels of accuracy and precision based on the provided information and may be used with the qualifications noted.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
GM SMCO SITE
SAGINAW, MICHIGAN

Sample Identification	*Location*	*Matrix*	*QC Samples*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*Analysis/ Parameters*
S-050106-SSH-001	SSH-001	Soil	MS/MSD	5/1/2006	15:00	PCB
S-050106-SSH-002	SSH-002	Soil		5/1/2006	15:10	PCB
S-050106-SSH-003	SSH-003	Soil		5/1/2006	15:20	PCB
S-050106-SSH-004	SSH-004	Soil		5/1/2006	15:30	PCB
S-050106-SSH-005	SSH-005	Soil		5/1/2006	15:40	PCB
S-050106-SSH-006	SSH-006	Soil		5/1/2006	15:50	PCB
S-050406-SSH-007	SSH-007	Soil	MS/MSD	5/4/2006	13:00	PCB
S-050406-SSH-008	SSH-008	Soil		5/4/2006	13:15	PCB
S-050406-SSH-009	SSH-009	Soil		5/4/2006	13:30	PCB

QC - Quality Control
MS/MSD - Matrix Spike/Matrix Spike Duplicate
PCB - Polychlorinated biphenyls
NR - Not Recorded

TABLE 2

SUMMARY OF ANALYTICAL METHODS, HOLDING TIME PERIODS, AND PRESERVATIVES
GM SMCO SITE
SAGINAW, MICHIGAN

Parameter	*Method*	*Matrix*	*Holding Time*	*Preservation*
PCB	SW-846 8082	Soil	- 14 days from sample collection to extraction - 40 days from extraction to completion of analysis	Iced, 4 ± 2° C

SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, 3rd Edition, and Promulgated updates, November 1986

TABLE 3

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO VIOLATION OF SURROGATE RECOVERY ACCEPTANCE CRITERIA
GM SMCO SITE
SAGINAW, MICHIGAN

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Qualified Results*	*Units*
PCB	Decachlorobiphenyl	36	40-138	S-050106-SSH-001	Aroclor-1016	UJ	µg/kg
					Aroclor-1221	UJ	
					Aroclor-1232	UJ	
					Aroclor-1242	UJ	
					Aroclor-1248	UJ	
					Aroclor-1254	UJ	
					Aroclor-1260	900 J	

Notes:

J - Estimated Concentration
UJ - Undetected at estimated detection limit

TABLE 4

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
GM SMCO SITE
SAGINAW, MICHIGAN

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Sample Result*	*Units*	*Qualifier*
						Recovery (percent)	*RPD (percent)*			
PCB	S-050106-SSH-001	Aroclor-1260 (PCB-1260)	0	88	NC	10-200	30	900 J	µg/kg	J
		Aroclor-1254 (PCB-1254)	0	88	NC	10-200	30	85 UJ	µg/kg	UJ
PCB	S-050406-SSH-007	Aroclor-1260 (PCB-1260)	156	240	15	10-200	30	1600	µg/kg	J
		Aroclor-1248 (PCB-1248)	141	195	33	10-200	30	1900	µg/kg	J

Notes:

J - Estimated Concentration
UJ - Estimated Report Limit

APPENDIX B

ANALYTICAL DATA

Table of Contents

Return to Navigator

SEVERN TRENT STL

STL North Canton
4101 Shuffel Drive NW
North Canton, OH 44720

Tel: 330 497 9396 Fax: 330 497 0772
www.stl-inc.com

ANALYTICAL REPORT

PROJECT NO. 17075-30-02

GMPT SMCO SSOW #E131002
SDG #: 5G21206

Paul Wiseman (PM)

Conestoga Rovers & Assoc., Inc
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

SEVERN TRENT LABORATORIES, INC.

Denise D Heckler/kms
Denise D. Heckler
Project Manager

August 15, 2005

CASE NARRATIVE

CASE NARRATIVE

5G21206

The following report contains the analytical results for twelve solid samples submitted to STL North Canton by Conestoga-Rovers & Associates, Inc. from the GMPT SMCO SSOW# E131002 Site, project number 17075-30-02. The samples were received July 21, 2005, July 22, 2005 and July 23, 2005, according to documented sample acceptance procedures.

This SDG consists of laboratory lot ID's: A5G210206, A5G220169, and A5G230129.

STL utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

STL North Canton attests to the validity of the laboratory data generated by STL facilities reported herein. All analyses performed by STL facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. STL's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by a dry weight adjustment footnote at the bottom of the analytical report page. The list of parameters which are never reported on a dry weight basis is included on the Sample Summary.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

If you have any questions, please call the Project Manager, Denise D. Heckler, at 734-205-2535.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 2.4, 3.3, and 3.6°C.

See STL's Cooler Receipt Form for additional information.

POLYCHLORINATED BIPHENYLS-8082

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

The matrix spike/matrix spike duplicate(s) for S-072005-SSH-C1 and S-072205-SSH-403 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

For the MS/MSD associated with sample S-072005-SSH-C1 the recovery for one surrogate compound is outside acceptance criteria. Since the method criterion is that one of two surrogate compounds must meet acceptance criteria, no corrective action was required.

GENERAL CHEMISTRY

Total Solids batch 5204058 is reported without a sample/sample duplicate. A sample duplicate was analyzed with the batch on a sample that did not need the Total Solid reported.

QUALITY CONTROL ELEMENTS OF SW-846 METHODS

STL North Canton conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. STL North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples. These QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. The only exception is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed below.)

Volatile (GC or GC/MS)	**Semivolatile (GC/MS)**	**Metals**
Methylene chloride	Phthalate Esters	Copper
Acetone		Iron
2-Butanone		Zinc
		Lead*

- *for analyses run on TJA Trace ICP, ICPMS or GFAA only*

QUALITY CONTROL ELEMENTS OF SW-846 METHODS
(Continued)

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable. The acceptance criteria do not apply to samples that are diluted for organics if the native sample amount is 4x the concentration of the spike.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepped and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepped and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide, PCB, and PAH methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria.

STL North Canton Certifications and Approvals:

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225), Illinois (#200004), Kansas (#E10336), Massachusetts (#M-OH048), Maryland (#272), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), North Carolina (#39702), Ohio (#6090), OhioVAP (#CL0024), Rhode Island (#237), South Carolina (#92007001, #92007002, #92007003), Tennessee (#02903), Utah (#QUAN9), Virginia (#00011), West Virginia (#210), Wisconsin (#999518190),NAVY, ARMY, USDA Soil Permit, ACIL Seal of Excellence – Participating Lab Status Award (#82)

Y:\Barb\STL headers\Qc846-Narrative_060204.doc, Revised06/02/04 DJL

METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

5G21206

PARAMETER	ANALYTICAL METHOD
PCBs by SW-846 8082	SW846 8082
Total Residue as Percent Solids	MCAWW 160.3 MOD

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

SAMPLE SUMMARY

5G21206 : A5G210206

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HF0V1	001	S-072005-SSH-C1	07/20/05	14:15
HF0WD	002	S-072005-SSH-C2	07/20/05	14:30
HF0WL	003	S-072005-SSH-C3	07/20/05	14:45

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

5G21206 : A5G220169

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HF3L4	001	S-072105-SSH-201	07/21/05	12:30
HF3L8	002	S-072105-SSH-202	07/21/05	12:30
HF3L9	003	S-072105-SSH-203	07/21/05	12:30
HF3MA	004	S-072105-SSH-301	07/21/05	13:15
HF3MD	005	S-072105-SSH-302	07/21/05	13:15
HF3ME	006	S-072105-SSH-303	07/21/05	13:15

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

5G21206 : A5G230129

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HF53D	001	S-072205-SSH-401	07/22/05	15:00
HF53J	002	S-072205-SSH-402	07/22/05	15:15
HF53L	003	S-072205-SSH-403	07/22/05	15:30

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

SHIPPING AND RECEIVING DOCUMENTS

GM REALM
ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

14

PAGE 1 OF 2

ID # N° 02336

SSOW Ref. Code: 131002

quired Client Information:

mpany: CRA Inc.	Report To: Mike Tomka
dress:	Copy To: Paul Wiseman
1496 Sheldon Rd Ste 200	Invoice To: Mike Tomka
lymouth MI 48170	P.O.:
one: 734-453-5123	Project Name: GMPT SMCO
x: -5001	Project Number: 17075-30-02
mail: Crawrld.com	

Laboratory:	STL
Laboratory Location:	North Canton
Laboratory Contact:	
Requested Due Date:	* RUSH * TAT: 24 hours
QA/QC Requirements:	

Valid Matrix Codes:
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment
See Back for Additional Codes

Analysis and Method

mple Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	PCBs	Remarks/Lab ID
S-072005-SSH-101	SO	7/20/05	1400	1	X						X	(RUSH
-102				1	X						X	
-103				1	X						X	
-104				1	X						X	
-105				1	X						X	
-106				1	X						X	
-107			1415	1	X						X	
S-072005-SSH-108				1	X						X	
-109				1	X						X	
-110				1	X						X	
-111				1	X						X	
-112				1	X						X	
-113			1430	1	X						X	
-114				1	X						X	
S-072005-SSH-115				1	X						X	
TOTAL NUMBER OF CONTAINERS				15								

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Fed Ex	1	[signature] / CRA	7/20/05	1700	[signature] STL	7/21/05	9:40
AIRBILL NO. 852675796656							

Sample Condition

emp in °C	
eceived on Ice	Y / N
ealed Cooler	Y / N
amples Intact	Y / N

Additional Comments:

Sampler Name: Steven S. Hovencyn

Sampler Signature: [signature] Date: 7/20/05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 01 (6/04)

STL North Canton

REALM

CONESTOGA-ROVERS & ASSOCIATES

Steven S. Hoevemeyer, B.S.
14496 Sheldon Road,
Suite 200,
Plymouth, MI 48170
Office: 734•453•5123
Fax: 734•453•5201
shoevemeyer@CRAworld.com
Residence: 989•777•5857
Desk Phone: 989•757•0639
Fax: 989•757•0701
Cell: 616•437•7734

www.CRAworld.com

ISO 9001

Worldwide Engineering, Environmental, Construction, and IT Services

FACSIMILE

DATE: 7/21/05

TO: Paul Blaisc - Chemistry

FROM: S. Hoevemeyer

Reference No.: 17075-30-02

Facsimile No.: 734-453-5201

Total Pages (Including Cover Page) 4

☐ Facsimile is Receiver's Original

Original Will Follow By:

☐ Mail
☐ Overnight Courier
☐ Hand Delivery

MESSAGE

- COCs for RUSH samples to STL North Canton # 17075
  GMPT SMCO
- 187 COC has corrections

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

16

PAGE 1 OF 1

ID # N° 02334

SSOW Ref. Code: 131002

equired Client Information:

ompany: CRA, Inc	Report To: Mike Tomke
ddress:	Copy To: Paul Wiseman
1496 Sheldon Rd SE 2	Invoice To: Mike Tomke
lymouth, MI 48170	P.O.:
hone: 734-453-5201	Project Name: GMPT Smco
ax: -5223	Project Number: 7075-20-02
mail: Cravworld.com	

Laboratory:	STL
Laboratory Location:	North Canton
Laboratory Contact:	
Requested Due Date:	*RUSH* TAT: 24 hrs
QA/QC Requirements:	

Analysis and Method

Preservative

mple Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	PCBs	Remarks/Lab ID
S-072105-SSH-201	SO	7/21/05	1230	1	X						X	(RUSH)
-202				1	X						X	
-203				1	X						X	
S-072105-SSH-301			1315	1	X						X	
-302				1	X						X	
-303				1	X						X	
TOTAL NUMBER OF CONTAINERS				6								

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

HIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	1	Steve Hoover CRA	7/22/05	1200	STL	7/22/05	1030
RBILL NO. 8526 7529 6867							

Sample Condition

mp in °C	
ceived on Ice	Y / N
aled Cooler	Y / N
mples Intact	Y / N

Additional Comments:

Sampler Name: Steve Hoover

Sampler Signature: Steve Hoover Date: 7/22/05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV 0 (6/04)

STL North Canton

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

17

PAGE 1 OF 1

ID # N° 02333

SSOW Ref. Code: 131002

Required Client Information:

Company: CRA, Inc	Report To: Mike Tomka
Address:	Copy To: Paul Wiseman
1496 Sheldon Rd Ste 200	Invoice To: Mike Tomka
Plymouth, MI 48170	P.O.:
Phone: 734-453-5123	Project Name: GMPT SNCO
Fax: -5201	Project Number: 17015-30-02
Email: CRAworld.com	

Laboratory:	STL
Laboratory Location:	North Canton
Laboratory Contact:	
Requested Due Date:	* RUSH * TAT: 24 hr
QA/QC Requirements:	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Analysis and Method: PLRs	Remarks/Lab ID
S-072205-SSH-401	SO	7/22/05	1500	1	X						X	* RUSH *
S-072205-SSH-402	SO	"	1515	1	X						X	
S-072205-SSH-403	SO	"	1530	1	X						X	
TOTAL NUMBER OF CONTAINERS				3								

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	1	Steven S. Hoover / CRA	7/22/05	1700	Lisa Humes / STL	7-23-05	9:15 A
AIRBILL NO. 8526 7579 6872							

Sample Condition

Temp in °C	
Received on Ice	Y N
Sealed Cooler	Y N
Samples Intact	Y N

Additional Comments:

Sampler Name: Steven S. Hoover

Sampler Signature: Steven S. Hoover Date: 7/22/05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 01/04

STL North Canton

STL Cooler Receipt Form/Narrative **Lot Number:** A5G230129

North Canton Facility

Client: CRA, Inc Project: GMPT SMCO 11095-32 Quote#: _____

Cooler Received on: 7-23-05 Opened on: 7-23-05 by: Lisa Hines (Signature)

Fedx ☒ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ Other: _____

STL Cooler No# 241-400 Foam Box ☐ Client Cooler ☐ Other ____

1. Were custody seals on the outside of the cooler? Yes ☐ No ☒ Intact? Yes ☐ No ☐ NA ☒
   If YES, Quantity _____
   Were the custody seals signed and dated? Yes ☐ No ☐ NA ☒
2. Shipper's packing slip attached to this form? Yes ☒ No ☐ NA ☐
3. Did custody papers accompany the samples? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☒ None ☐ Other : _____
6. Cooler temperature upon receipt 3.6 °C (see back of form for multiple coolers/temp)

METHOD: Temp Vial ☐ Coolant & Sample ☐ Against Bottles ☐ IR ☒ ICE/H_2O Slurry ☐

COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☒ No ☐
9. Were samples at the correct pH? (record below/on back) Yes ☐ No ☐ NA ☒
10. Were correct bottles used for the tests indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☒
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐

Contacted PM _____ Date: _____ by: _____ via Voice Mail ☐ Verbal ☐ Other ☐

Concerning: _____

√	

1. CHAIN OF CUSTODY

The following discrepancies occurred:

2. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

3. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot # 051105-HNO3; Sulfuric Acid Lot # 102804-H2SO4; Sodium Hydroxide Lot # -041305 -NaOH; Hydrochloric Acid Lot # 100504-HCl; Sodium Hydroxide and Zinc Acetate Lot # 071604-CH3COO2ZN/NaOH*

Sample(s) _____ were received with bubble > 6 mm in diameter (cc: PM)

4. Other (see below or back)

Client ID	pH	Date	Initials

STL Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp	Method	Coolant

Discrepancies Cont.

STL Cooler Receipt Form/Narrative **Lot Number:** ASG220169

North Canton Facility

Client: CRA Project: GMPT-SMCO Quote#:

Cooler Received on: 7/22/05 Opened on: 7/22/05 by: (Signature)

Fedx ☒ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ Other:

STL Cooler No# 241-114 Foam Box ☐ Client Cooler ☐ Other

1. Were custody seals on the outside of the cooler? Yes ☐ No ☒ Intact? Yes ☐ No ☐ NA ☒
   If YES, Quantity
   Were the custody seals signed and dated? Yes ☐ No ☐ NA ☒
2. Shipper's packing slip attached to this form? Yes ☒ No ☐ NA ☐
3. Did custody papers accompany the samples? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☐ None ☐ Other :
6. Cooler temperature upon receipt 3.3 °C (see back of form for multiple coolers/temp)

METHOD: Temp Vial ☐ Coolant & Sample ☐ Against Bottles ☐ IR ☒ ICE/H_2O Slurry ☐

COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☒ No ☐
9. Were samples at the correct pH? (record below/on back) Yes ☐ No ☐ NA ☒
10. Were correct bottles used for the tests indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☒
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐

Contacted PM _____ Date: _____ by: _____ via Voice Mail ☐ Verbal ☐ Other ☐

Concerning:

√		

1. CHAIN OF CUSTODY

The following discrepancies occurred:

2. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

3. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot # 051105-HNO3; Sulfuric Acid Lot # 102804-H2SO4; Sodium Hydroxide Lot # -041305 -NaOH; Hydrochloric Acid Lot # 100504-HCl; Sodium Hydroxide and Zinc Acetate Lot # 071604-CH3COO2ZN/NaOH*

Sample(s) _____ were received with bubble > 6 mm in diameter (cc: PM)

4. Other (see below or back)

Client ID	pH	Date	Initials

STL Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp	Method	Coolant

Discrepancies Cont.

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 1 OF 2

ID # NC 02336

SSOW Ref. Code: 131002

Required Client Information:

Company: CRA, Inc	Report To: M. Ke Tonka
Address:	Copy To: Paul Wiseman
14496 Sheldon Rd Ste 200	Invoice To: M. Ke Tonka
Plymouth MI 48170	P.O.:
Phone: 734-453-5123	Project Name: GMPT SMCO
Fax: -201	Project Number: 17075-30-02
E-mail: Crawold.com	

Laboratory:	STL
Laboratory Location:	North Canton
Laboratory Contact:	
Requested Due Date:	* RUSH * TAT: 24 hours
QA/QC Requirements:	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Analysis and Method

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	PCBs	Remarks/Lab ID
1.	S-072005-SSH-101	SO	7/20/05	1400	1	X						X	(RUSH)
2.	-102				1	X						X	
3.	-103				1	X						X	
4.	-104				1	X						X	
5.	-105				1	X						X	S-072005-SSH-C1
6.	-106				1	X						X	MH 7/21/05
7.	-107			1415	1	X						X	
8.	S-072005-SSH-108				1	X						X	
9.	-109				1	X						X	
10.	-110				1	X						X	
11.	-111				1	X						X	
12.	-112				1	X						X	S-072005-SSH-C2
13.	-113			1430	1	X						X	MH 7/21/05
14.	-114				1	X						X	
15.	S-072005-SSH-115				1	X						X	S-072005-SSH-CB
	TOTAL NUMBER OF CONTAINERS				15								MH 7/21/05

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	1	[signature] / CRA	7/20/05	1700			
AIRBILL NO. 852675796656							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Steven S. Hoornaert

Sampler Signature: [signature] Date: 7/20/05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

STL North Canton

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 2 OF 2

ID # NE 02335

SSOW Ref. Code: 131002

Required Client Information:

Company: CRA Inc	Report To: Mike Tomka	Laboratory: STL	
Address: 14496 Sheldon Road Ste 200	Copy To: Paul Wiseman	Laboratory Location: North Canton	
	Invoice To: Mike Tomka	Laboratory Contact:	
Plymouth MI 48170	P.O.:	Requested Due Date: * RUSH *	TAT: 24 hours
Phone: 734-453-5200	Project Name: GMPT SMO	QA/QC Requirements:	
Fax: -5201	Project Number: 17075-3002		
E-mail: (a world.com			

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Analysis and Method: PCBs	Remarks/Lab ID
1.	S-072005-SSH-116	SO	7/20/05	1430	1	X						X	(RUSH)
2.	-117				1	X						X	
3.	-118				1	X						X	
4.	-119			1445	1	X						X	
5.	-120				1	X						X	
6.	-121				1	X						X	S-072005-SSH-C3
7.	-122				1	X						X	SSH 7/21/05
8.	-123				1	X						X	
9.	S-072005-SSH-124	SO			1	X						X	
10.													
11.													
12.													
13.	S-072005-SSH-C1 SSH 7/21/05	SO	7/20/05	1415	1	X						X	composite 101-108
14.	S-072005-SSH-C2 SSH 7/21/05	SO		1430	1	X						X	SSH 7/21/05 composite 109-114
15.	S-072005-SSH-C3	SO		1445	1	X						X	composite 115-124
	TOTAL NUMBER OF CONTAINERS				9								

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	1	Steve Hohmeyer / CRA	7/20/05	1700			
AIRBILL NO. 852675796856							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Steve Hohmeyer

Sampler Signature: Steve Hohmeyer Date: 7/20/05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

STL North Canton

GM REALM
ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 1 OF 1

ID # N° 02334

SSOW Ref. Code: 131002

Required Client Information:

Company: CRA, Inc	Report To: Mike Tomke
Address:	Copy To: Paul Wiseman
14496 Sheldon Rd Ste 200	Invoice To: Mike Tomke
Plymouth, MI 48170	P.O.:
Phone: 734-453-5201	Project Name: GMPT SMCO
Fax: -5223	Project Number: 7075-20-02
E-mail: Cmworld.com	

Laboratory:	STL
Laboratory Location:	North Canton
Laboratory Contact:	
Requested Due Date:	+RUSH+ TAT: 24 hrs
QA/QC Requirements:	

Valid Matrix Codes: WG Groundwater, WB Borehole Water, WS Surface Water, SO Soil, SE Sediment, See Back for Additional Codes

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Analysis and Method: PCBs	Remarks/Lab ID
1.	S-072105-SSH-201	SO	7/21/05	1230	1	X						X	(RUSH)
2.	-202				1	X						X	
3.	-203				1	X						X	
4.	S-072105-SSH-301			1315	1	X						X	
5.	-302				1	X						X	
6.	-303				1	X						X	
7.													
8.													
9.													
10.													
11.													
12.													
13.													
14.													
15.													
	TOTAL NUMBER OF CONTAINERS				6								

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	1	Steve Howerton / CRA	7/22/05	1200			
AIRBILL NO. 8526 7579 6867							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Steve Howerton

Sampler Signature: Steve Howerton Date: 7/22/05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

24

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

GM REALM ENCORE

PAGE 2 OF 2

ID # № 02335

SSOW Ref. Code: 131002

quired Client Information:			
mpany:	CRA Inc	Report To:	Mike Tomka
dress:	14496 Sheldon	Copy To:	Paul Wiseman
	Road Ste 200	Invoice To:	Mike Tomka
	Plymouth MI 48170	P.O.:	
one:	734-453-5123	Project Name:	GMPT Swo
x:	-5201	Project Number:	17075-30-02
mail:	craworld.com		

Laboratory:	STL
Laboratory Location:	North Canton
Laboratory Contact:	
Requested Due Date:	* RUSH * TAT: 24 hours
QA/QC Requirements:	

Valid Matrix Codes:
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment
See Back for Additional Codes

mple Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Analysis and Method: PCBs	Remarks/Lab ID
S-072005-SSH-116	SO	7/20/05	1430	1	X						X	(RUSH)
-117	|	|	|	1	X						X	
-118	|	|	|	1	X						X	
-119	|	|	1445	1	X						X	
-120	|	|	|	1	X						X	
-121	|	|	|	1	X						X	
-122	|	|	|	1	X						X	
-123	|	|	|	1	X						X	
S-072005-SSH-124	SO	|	|	1	X						X	
0.												
1.												
2.												
3.												
4.												
5.												

TOTAL NUMBER OF CONTAINERS: 9

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx		[signature] / CRA	7/20/05	1700	[signature] STL	7/21/05	9:40
AIRBILL NO. 852675796856							

Sample Condition	
Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Steve Howemeyer

Sampler Signature: [signature] Date: 7/20/05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

STL Cooler Receipt Form/Narrative **Lot Number:** ASG210206

North Canton Facility

Client: CRA Project: GMPT-SMCO Quote#:

Cooler Received on: 7/21/05 Opened on: 7/21/05 by: (Signature)

Fedx ☒ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ Other:

STL Cooler No# 344 Foam Box ☐ Client Cooler ☐ Other

1. Were custody seals on the outside of the cooler? Yes ☐ No ☒ Intact? Yes ☐ No ☐ NA ☒
   If YES, Quantity
   Were the custody seals signed and dated? Yes ☐ No ☐ NA ☒
2. Shipper's packing slip attached to this form? Yes ☒ No ☐ NA ☐
3. Did custody papers accompany the samples? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☐ None ☐ Other :
6. Cooler temperature upon receipt 2.4 °C (see back of form for multiple coolers/temp)

METHOD: Temp Vial ☐ Coolant & Sample ☐ Against Bottles ☐ IR ☒ ICE/H_2O Slurry ☐

COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☒ No ☐
9. Were samples at the correct pH? (record below/on back) Yes ☐ No ☐ NA ☒
10. Were correct bottles used for the tests indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☒
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐

Contacted PM _____ Date: _____ by: _____ via Voice Mail ☐ Verbal ☐ Other ☐

Concerning:

√	

1. CHAIN OF CUSTODY

The following discrepancies occurred:

Sample S-072005-SSH-110 had a cracked/broken lid which was replaced with a new lid.

Composited ~60-65g from each of samples 101 through 108 into 1x500mL.

Composited ~60-65g from each of samples 109 through 114 into 1x500mL.

Composited ~50-55g from each of samples 115 through 124 into 1x500mL.

2. SAMPLE CONDITION OVER

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

3. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot # 051105-HNO3; Sulfuric Acid Lot # 102804-H2SO4; Sodium Hydroxide Lot # -041305 -NaOH; Hydrochloric Acid Lot # 100504-HCl; Sodium Hydroxide and Zinc Acetate Lot # 071604-CH3COO2ZN/NaOH*

Sample(s) _____ were received with bubble > 6 mm in diameter (cc: PM)

4. Other (see below or back)

Client ID	pH	Date	Initials

STL Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp	Method	Coolant

Discrepancies Cont.

SEVERN TRENT STL

POLYCHLORINATED BIPHENYLS DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072005-SSH-C1

GC Semivolatiles

Lot-Sample #...: A5G210206-001 **Work Order #...:** HF0V11AC **Matrix.....:** SO
Date Sampled...: 07/20/05 14:15 **Date Received..:** 07/21/05
Prep Date.....: 07/21/05 **Analysis Date..:** 07/22/05
Prep Batch #...: 5202388
Dilution Factor: 2 **Initial Wgt/Vol:** 30.06 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	75	ug/kg	15
Aroclor 1221	ND	75	ug/kg	22
Aroclor 1232	ND	75	ug/kg	12
Aroclor 1242	**220**	**75**	**ug/kg**	**23**
Aroclor 1248	ND	75	ug/kg	11
Aroclor 1254	ND	75	ug/kg	9.7
Aroclor 1260	**82**	**75**	**ug/kg**	**18**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	123	(10 - 127)
Decachlorobiphenyl	74	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072005-SSH-C2

GC Semivolatiles

Lot-Sample #...: A5G210206-002 **Work Order #...:** HF0WD1AC **Matrix.....:** SO
Date Sampled...: 07/20/05 14:30 **Date Received..:** 07/21/05
Prep Date.....: 07/21/05 **Analysis Date..:** 07/22/05
Prep Batch #...: 5202388
Dilution Factor: 1 **Initial Wgt/Vol:** 30.07 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 8.7 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.3
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.7
Aroclor 1242	**27 J**	**36**	**ug/kg**	**11**
Aroclor 1248	ND	36	ug/kg	5.3
Aroclor 1254	ND	36	ug/kg	4.7
Aroclor 1260	**47**	**36**	**ug/kg**	**8.8**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	132 *	(10 - 127)
Decachlorobiphenyl	78	(40 - 138)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072005-SSH-C3

GC Semivolatiles

Lot-Sample #...: A5G210206-003 **Work Order #...:** HF0WL1AC **Matrix.....:** SO
Date Sampled...: 07/20/05 14:45 **Date Received..:** 07/21/05
Prep Date.....: 07/21/05 **Analysis Date..:** 07/22/05
Prep Batch #...: 5202388
Dilution Factor: 1 **Initial Wgt/Vol:** 30.12 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 19 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	41	ug/kg	8.2
Aroclor 1221	ND	41	ug/kg	12
Aroclor 1232	ND	41	ug/kg	6.4
Aroclor 1242	**46**	**41**	**ug/kg**	**12**
Aroclor 1248	ND	41	ug/kg	5.9
Aroclor 1254	ND	41	ug/kg	5.3
Aroclor 1260	**19 J**	**41**	**ug/kg**	**9.8**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	126	(10 - 127)
Decachlorobiphenyl	58	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072105-SSH-201

GC Semivolatiles

Lot-Sample #...: A5G220169-001 **Work Order #...:** HF3L41AC **Matrix.....:** SO
Date Sampled...: 07/21/05 12:30 **Date Received..:** 07/22/05
Prep Date.....: 07/22/05 **Analysis Date..:** 07/24/05
Prep Batch #...: 5203272
Dilution Factor: 2 **Initial Wgt/Vol:** 30.01 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 7.3 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	71	ug/kg	14
Aroclor 1221	ND	71	ug/kg	21
Aroclor 1232	ND	71	ug/kg	11
Aroclor 1242	**68 J**	**71**	**ug/kg**	**22**
Aroclor 1248	ND	71	ug/kg	10
Aroclor 1254	ND	71	ug/kg	9.3
Aroclor 1260	**630**	**71**	**ug/kg**	**17**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	74	(10 - 127)
Decachlorobiphenyl	71	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072105-SSH-202

GC Semivolatiles

Lot-Sample #...: A5G220169-002 **Work Order #...:** HF3L81AC **Matrix.....:** SO
Date Sampled...: 07/21/05 12:30 **Date Received..:** 07/22/05
Prep Date.....: 07/22/05 **Analysis Date..:** 07/24/05
Prep Batch #...: 5203272
Dilution Factor: 2 **Initial Wgt/Vol:** 30.17 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 19 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	81	ug/kg	16
Aroclor 1221	ND	81	ug/kg	24
Aroclor 1232	ND	81	ug/kg	13
Aroclor 1242	ND	81	ug/kg	25
Aroclor 1248	ND	81	ug/kg	12
Aroclor 1254	ND	81	ug/kg	11
Aroclor 1260	**1200**	**81**	**ug/kg**	**20**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87	(10 - 127)
Decachlorobiphenyl	75	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072105-SSH-203

GC Semivolatiles

Lot-Sample #...: A5G220169-003 **Work Order #...:** HF3L91AC **Matrix.....:** SO
Date Sampled...: 07/21/05 12:30 **Date Received..:** 07/22/05
Prep Date.....: 07/22/05 **Analysis Date..:** 07/24/05
Prep Batch #...: 5203272
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	7.9
Aroclor 1221	ND	39	ug/kg	12
Aroclor 1232	ND	39	ug/kg	6.1
Aroclor 1242	ND	39	ug/kg	12
Aroclor 1248	ND	39	ug/kg	5.6
Aroclor 1254	ND	39	ug/kg	5.1
Aroclor 1260	**320**	**39**	**ug/kg**	**9.4**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	76	(10 - 127)
Decachlorobiphenyl	78	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072105-SSH-301

GC Semivolatiles

Lot-Sample #...: A5G220169-004 **Work Order #...:** HF3MA1AC **Matrix.....:** SO
Date Sampled...: 07/21/05 13:15 **Date Received..:** 07/22/05
Prep Date.....: 07/22/05 **Analysis Date..:** 07/24/05
Prep Batch #...: 5203272
Dilution Factor: 10 **Initial Wgt/Vol:** 30 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 9.2 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	360	ug/kg	74
Aroclor 1221	ND	360	ug/kg	110
Aroclor 1232	ND	360	ug/kg	57
Aroclor 1242	ND	360	ug/kg	110
Aroclor 1248	**4700**	**360**	**ug/kg**	**53**
Aroclor 1254	ND	360	ug/kg	47
Aroclor 1260	**470**	**360**	**ug/kg**	**88**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	106 DIL	(10 - 127)
Decachlorobiphenyl	99 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072105-SSH-302

GC Semivolatiles

Lot-Sample #...: A5G220169-005 **Work Order #...:** HF3MD1AC **Matrix.....:** SO
Date Sampled...: 07/21/05 13:15 **Date Received..:** 07/22/05
Prep Date.....: 07/22/05 **Analysis Date..:** 07/24/05
Prep Batch #...: 5203272
Dilution Factor: 10 **Initial Wgt/Vol:** 30.2 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 16 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	390	ug/kg	80
Aroclor 1221	ND	390	ug/kg	120
Aroclor 1232	ND	390	ug/kg	62
Aroclor 1242	ND	390	ug/kg	120
Aroclor 1248	**2200**	**390**	**ug/kg**	**57**
Aroclor 1254	ND	390	ug/kg	51
Aroclor 1260	**190 J**	**390**	**ug/kg**	**95**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	82 DIL	(10 - 127)
Decachlorobiphenyl	99 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072105-SSH-303

GC Semivolatiles

Lot-Sample #...: A5G220169-006 **Work Order #...:** HF3ME1AC **Matrix.....:** SO
Date Sampled...: 07/21/05 13:15 **Date Received..:** 07/22/05
Prep Date.....: 07/22/05 **Analysis Date..:** 07/24/05
Prep Batch #...: 5203272
Dilution Factor: 10 **Initial Wgt/Vol:** 30.02 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 21 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	420	ug/kg	85
Aroclor 1221	ND	420	ug/kg	130
Aroclor 1232	ND	420	ug/kg	66
Aroclor 1242	ND	420	ug/kg	130
Aroclor 1248	**5700**	**420**	**ug/kg**	**61**
Aroclor 1254	ND	420	ug/kg	54
Aroclor 1260	**840**	**420**	**ug/kg**	**100**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	101 DIL	(10 - 127)
Decachlorobiphenyl	101 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072205-SSH-401

GC Semivolatiles

Lot-Sample #...: A5G230129-001 **Work Order #...:** HF53D1AC **Matrix.....:** SO
Date Sampled...: 07/22/05 15:00 **Date Received..:** 07/23/05
Prep Date.....: 07/24/05 **Analysis Date..:** 07/26/05
Prep Batch #...: 5205031
Dilution Factor: 100 **Initial Wgt/Vol:** 30.01 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 6.7 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	3500	ug/kg	720
Aroclor 1221	ND	3500	ug/kg	1100
Aroclor 1232	ND	3500	ug/kg	560
Aroclor 1242	ND	3500	ug/kg	1100
Aroclor 1248	**22000**	**3500**	**ug/kg**	**510**
Aroclor 1254	ND	3500	ug/kg	460
Aroclor 1260	**2100 J**	**3500**	**ug/kg**	**860**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	173 DIL,*	(10 - 127)
Decachlorobiphenyl	766 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072205-SSH-402

GC Semivolatiles

Lot-Sample #...: A5G230129-002 **Work Order #...:** HF53J1AC **Matrix.....:** SO
Date Sampled...: 07/22/05 15:15 **Date Received..:** 07/23/05
Prep Date.....: 07/24/05 **Analysis Date..:** 07/26/05
Prep Batch #...: 5205031
Dilution Factor: 100 **Initial Wgt/Vol:** 30.05 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 6.6 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	3500	ug/kg	720
Aroclor 1221	ND	3500	ug/kg	1100
Aroclor 1232	ND	3500	ug/kg	560
Aroclor 1242	ND	3500	ug/kg	1100
Aroclor 1248	**22000**	**3500**	**ug/kg**	**510**
Aroclor 1254	ND	3500	ug/kg	460
Aroclor 1260	**2500 J**	**3500**	**ug/kg**	**860**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	133 DIL,*	(10 - 127)
Decachlorobiphenyl	1300 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072205-SSH-403

GC Semivolatiles

Lot-Sample #...: A5G230129-003 **Work Order #...:** HF53L1AC **Matrix.....:** SO
Date Sampled...: 07/22/05 15:30 **Date Received..:** 07/23/05
Prep Date.....: 07/24/05 **Analysis Date..:** 07/26/05
Prep Batch #...: 5205031
Dilution Factor: 10 **Initial Wgt/Vol:** 30.19 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 9.1 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	360	ug/kg	74
Aroclor 1221	ND	360	ug/kg	110
Aroclor 1232	ND	360	ug/kg	57
Aroclor 1242	ND	360	ug/kg	110
Aroclor 1248	**1600**	**360**	**ug/kg**	**53**
Aroclor 1254	ND	360	ug/kg	47
Aroclor 1260	**4000**	**360**	**ug/kg**	**88**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	119 DIL	(10 - 127)
Decachlorobiphenyl	122 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 5G21206 **Work Order #...:** HF1EM1AD **Matrix.....:** SOLID
MB Lot-Sample #: A5G210000-388

Prep Date.....: 07/21/05 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 07/22/05 **Prep Batch #...:** 5202388
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	82	(10 - 127)
Decachlorobiphenyl	43	(40 - 138)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 5G21206 **Work Order #...:** HF3TW1AA **Matrix.....:** SOLID
MB Lot-Sample #: A5G220000-272

Prep Date.....: 07/22/05 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 07/24/05 **Prep Batch #...:** 5203272
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	69	(10 - 127)
Decachlorobiphenyl	71	(40 - 138)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 5G21206 **Work Order #...:** HF6QQ1AA **Matrix.....:** SOLID
MB Lot-Sample #: A5G240000-031

Prep Date.....: 07/24/05 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 07/26/05 **Prep Batch #...:** 5205031
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	81	(10 - 127)
Decachlorobiphenyl	78	(40 - 138)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5G21206 **Work Order #...:** HF1EM1AE **Matrix.....:** SOLID
LCS Lot-Sample#: A5G210000-388
Prep Date.....: 07/21/05 **Analysis Date..:** 07/22/05
Prep Batch #...: 5202388
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**170**	**ug/kg**	**50**	**SW846 8082**
Aroclor 1260	**330**	**140**	**ug/kg**	**43**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	95	(10 - 127)
Decachlorobiphenyl	47	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5G21206 **Work Order #...:** HF1EM1AE **Matrix.....:** SOLID
LCS Lot-Sample#: A5G210000-388
Prep Date.....: 07/21/05 **Analysis Date..:** 07/22/05
Prep Batch #...: 5202388
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**50**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**43**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	95	(10 - 127)
Decachlorobiphenyl	47	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5G21206 **Work Order #...:** HF3TW1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5G220000-272
Prep Date.....: 07/22/05 **Analysis Date..:** 07/24/05
Prep Batch #...: 5203272
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**300**	**ug/kg**	**90**	**SW846 8082**
Aroclor 1260	**330**	**300**	**ug/kg**	**91**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	101	(10 - 127)
Decachlorobiphenyl	88	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5G21206 **Work Order #...:** HF3TW1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5G220000-272
Prep Date.....: 07/22/05 **Analysis Date..:** 07/24/05
Prep Batch #...: 5203272
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**90**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**91**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	101	(10 - 127)
Decachlorobiphenyl	88	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5G21206 **Work Order #...:** HF6QQ1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5G240000-031
Prep Date.....: 07/24/05 **Analysis Date..:** 07/26/05
Prep Batch #...: 5205031
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**290**	**ug/kg**	**87**	**SW846 8082**
Aroclor 1260	**330**	**340**	**ug/kg**	**103**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	99	(10 - 127)
Decachlorobiphenyl	115	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5G21206 **Work Order #...:** HF6QQ1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5G240000-031
Prep Date.....: 07/24/05 **Analysis Date..:** 07/26/05
Prep Batch #...: 5205031
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**87**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**103**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	99	(10 - 127)
Decachlorobiphenyl	115	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5G21206 **Work Order #...:** HF0V11AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5G210206-001 HF0V11AE-MSD
Date Sampled...: 07/20/05 14:15 **Date Received..:** 07/21/05
Prep Date.....: 07/21/05 **Analysis Date..:** 07/22/05
Prep Batch #...: 5202388
Dilution Factor: 2 **Initial Wgt/Vol:** 30.19 g **Final Wgt/Vol..:** 10 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**380**	**450**	**ug/kg**	**121**		**SW846 8082**
	ND	**380**	**890**	**ug/kg**	**236**	**65**	**SW846 8082**
	Qualifiers:		a,p				
Aroclor 1260	**82**	**380**	**380**	**ug/kg**	**80**		**SW846 8082**
	82	**380**	**480**	**ug/kg**	**105**	**23**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	169 *	(10 - 127)
	187 *	(10 - 127)
Decachlorobiphenyl	99	(40 - 138)
	103	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5G21206 **Work Order #...:** HF0V11AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5G210206-001 HF0V11AE-MSD
Date Sampled...: 07/20/05 14:15 **Date Received..:** 07/21/05
Prep Date.....: 07/21/05 **Analysis Date..:** 07/22/05
Prep Batch #...: 5202388
Dilution Factor: 2 **Initial Wgt/Vol:** 30.19 g **Final Wgt/Vol..:** 10 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**121**	**(10 - 200)**			**SW846 8082**
	236 a,p	**(10 - 200)**	**65**	**(0-30)**	**SW846 8082**
Aroclor 1260	**80**	**(10 - 200)**			**SW846 8082**
	105	**(10 - 200)**	**23**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	169 *	(10 - 127)
	187 *	(10 - 127)
Decachlorobiphenyl	99	(40 - 138)
	103	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5G21206 **Work Order #...:** HF3L41AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5G220169-001 HF3L41AE-MSD
Date Sampled...: 07/21/05 12:30 **Date Received..:** 07/22/05
Prep Date.....: 07/22/05 **Analysis Date..:** 07/24/05
Prep Batch #...: 5203272
Dilution Factor: 2 **Initial Wgt/Vol:** 30.07 g **Final Wgt/Vol..:** 10 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**360**	**260**	**ug/kg**	**71**		**SW846 8082**
	ND	**360**	**310**	**ug/kg**	**87**	**19**	**SW846 8082**
Aroclor 1260	**630**	**360**	**870**	**ug/kg**	**66**		**SW846 8082**
	630	**360**	**920**	**ug/kg**	**81**	**5.9**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	69	(10 - 127)
	79	(10 - 127)
Decachlorobiphenyl	73	(40 - 138)
	75	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5G21206 **Work Order #...:** HF3L41AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5G220169-001 HF3L41AE-MSD
Date Sampled...: 07/21/05 12:30 **Date Received..:** 07/22/05
Prep Date.....: 07/22/05 **Analysis Date..:** 07/24/05
Prep Batch #...: 5203272
Dilution Factor: 2 **Initial Wgt/Vol:** 30.07 g **Final Wgt/Vol..:** 10 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**71**	**(10 - 200)**			**SW846 8082**
	87	**(10 - 200)**	**19**	**(0-30)**	**SW846 8082**
Aroclor 1260	**66**	**(10 - 200)**			**SW846 8082**
	81	**(10 - 200)**	**5.9**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	69	(10 - 127)
	79	(10 - 127)
Decachlorobiphenyl	73	(40 - 138)
	75	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5G21206 **Work Order #...:** HF53L1AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5G230129-003 HF53L1AE-MSD
Date Sampled...: 07/22/05 15:30 **Date Received..:** 07/23/05
Prep Date.....: 07/24/05 **Analysis Date..:** 07/26/05
Prep Batch #...: 5205031
Dilution Factor: 10 **Initial Wgt/Vol:** 30.15 g **Final Wgt/Vol..:** 10 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**360**	**1200**	**ug/kg**	**320**		**SW846 8082**
	Qualifiers: DIL,a						
	ND	**370**	**990**	**ug/kg**	**271**	**16**	**SW846 8082**
	Qualifiers: DIL,a						
Aroclor 1260	**4000**	**360**	**2300**	**ug/kg**	**0.0**		**SW846 8082**
	Qualifiers: DIL,a						
	4000	**370**	**2800**	**ug/kg**	**0.0**	**0.0**	**SW846 8082**
	Qualifiers: DIL,a						

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	137	(10 - 127)
	Qualifiers: DIL,*	
	139	(10 - 127)
	Qualifiers: DIL,*	
Decachlorobiphenyl	139	(40 - 138)
	Qualifiers: DIL,*	
	122 DIL	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5G21206 **Work Order #...:** HF53L1AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5G230129-003 HF53L1AE-MSD
Date Sampled...: 07/22/05 15:30 **Date Received..:** 07/23/05
Prep Date.....: 07/24/05 **Analysis Date..:** 07/26/05
Prep Batch #...: 5205031
Dilution Factor: 10 **Initial Wgt/Vol:** 30.15 g **Final Wgt/Vol..:** 10 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**320 DIL,a**	**(10 - 200)**			**SW846 8082**
	271 DIL,a	**(10 - 200)**	**16**	**(0-30)**	**SW846 8082**
Aroclor 1260	**0.0 DIL,a**	**(10 - 200)**			**SW846 8082**
	0.0 DIL,a	**(10 - 200)**	**0.0**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	137	(10 - 127)
	Qualifiers: DIL,*	
	139	(10 - 127)
	Qualifiers: DIL,*	
Decachlorobiphenyl	139	(40 - 138)
	Qualifiers: DIL,*	
	122 DIL	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

GENERAL CHEMISTRY DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072005-SSH-C1

General Chemistry

Lot-Sample #...: A5G210206-001 **Work Order #...:** HF0V1 **Matrix.....:** SO
Date Sampled...: 07/20/05 14:15 **Date Received..:** 07/21/05
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**88.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/21-07/22/05**	**5202436**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072005-SSH-C2

General Chemistry

Lot-Sample #...: A5G210206-002 **Work Order #...:** HF0WD **Matrix.....:** SO
Date Sampled...: 07/20/05 14:30 **Date Received..:** 07/21/05
% Moisture.....: 8.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/21-07/22/05**	**5202436**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072005-SSH-C3

General Chemistry

Lot-Sample #...: A5G210206-003 **Work Order #...:** HF0WL **Matrix.....:** SO
Date Sampled...: 07/20/05 14:45 **Date Received..:** 07/21/05
% Moisture.....: 19

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**81.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/21-07/22/05**	**5202436**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072105-SSH-201

General Chemistry

Lot-Sample #...: A5G220169-001 **Work Order #...:** HF3L4 **Matrix.....:** SO
Date Sampled...: 07/21/05 12:30 **Date Received..:** 07/22/05
% Moisture.....: 7.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/22-07/25/05**	**5203307**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072105-SSH-202

General Chemistry

Lot-Sample #...: A5G220169-002 **Work Order #...:** HF3L8 **Matrix.....:** SO
Date Sampled...: 07/21/05 12:30 **Date Received..:** 07/22/05
% Moisture.....: 19

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**81.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/22-07/25/05**	**5203307**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072105-SSH-203

General Chemistry

Lot-Sample #...: A5G220169-003 **Work Order #...:** HF3L9 **Matrix.....:** SO
Date Sampled...: 07/21/05 12:30 **Date Received..:** 07/22/05
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**85.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/22-07/25/05**	**5203307**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072105-SSH-301

General Chemistry

Lot-Sample #...: A5G220169-004 **Work Order #...:** HF3MA **Matrix.....:** SO
Date Sampled...: 07/21/05 13:15 **Date Received..:** 07/22/05
% Moisture.....: 9.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/22-07/25/05**	**5203307**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072105-SSH-302

General Chemistry

Lot-Sample #...: A5G220169-005 **Work Order #...:** HF3MD **Matrix.....:** SO
Date Sampled...: 07/21/05 13:15 **Date Received..:** 07/22/05
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**84.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/22-07/25/05**	**5203307**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072105-SSH-303

General Chemistry

Lot-Sample #...: A5G220169-006 **Work Order #...:** HF3ME **Matrix.....:** SO
Date Sampled...: 07/21/05 13:15 **Date Received..:** 07/22/05
% Moisture.....: 21

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**79.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/22-07/25/05**	**5203307**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072205-SSH-401

General Chemistry

Lot-Sample #...: A5G230129-001 **Work Order #...:** HF53D **Matrix.....:** SO
Date Sampled...: 07/22/05 15:00 **Date Received..:** 07/23/05
% Moisture.....: 6.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/23-07/25/05**	**5204058**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072205-SSH-402

General Chemistry

Lot-Sample #...: A5G230129-002 **Work Order #...:** HF53J **Matrix.....:** SO
Date Sampled...: 07/22/05 15:15 **Date Received..:** 07/23/05
% Moisture.....: 6.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/23-07/25/05**	**5204058**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072205-SSH-403

General Chemistry

Lot-Sample #...: A5G230129-003 **Work Order #...:** HF53L **Matrix.....:** SO
Date Sampled...: 07/22/05 15:30 **Date Received..:** 07/23/05
% Moisture.....: 9.1

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/23-07/25/05**	**5204058**

Dilution Factor: 1 MDL.....: 10.0

METHOD BLANK REPORT

General Chemistry

Client Lot #...: 5G21206 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids		Work Order #: HF27N1AA		MB Lot-Sample #:	A5G210000-436	
	ND	10.0	%	MCAWW 160.3 MOD	07/21-07/22/05	5202436
		Dilution Factor: 1				
Percent Solids		Work Order #: HF63J1AA		MB Lot-Sample #:	A5G220000-307	
	ND	10.0	%	MCAWW 160.3 MOD	07/22-07/25/05	5203307
		Dilution Factor: 1				
Percent Solids		Work Order #: HF7GK1AA		MB Lot-Sample #:	A5G230000-058	
	ND	10.0	%	MCAWW 160.3 MOD	07/23-07/25/05	5204058
		Dilution Factor: 1				

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5G210206 **Work Order #...:** HFX1W-SMP **Matrix.....:** SOLID
HFX1W-DUP
Date Sampled...: 07/20/05 10:30 **Date Received..:** 07/21/05
% Moisture.....: 20

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5G210106-004		
	79.7	79.6	%	0.088	(0-20)	MCAWW 160.3 MOD	07/21-07/22/05	5202436

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5G210206 **Work Order #...:** HF0WD-SMP **Matrix.....:** SO
HF0WD-DUP
Date Sampled...: 07/20/05 14:30 **Date Received..:** 07/21/05
% Moisture.....: 8.7

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5G210206-002		
	91.3	91.6	%	0.32	(0-20)	MCAWW 160.3 MOD	07/21-07/22/05	5202436

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5G210206 **Work Order #...:** HF3ME-SMP **Matrix.....:** SO
HF3ME-DUP
Date Sampled...: 07/21/05 13:15 **Date Received..:** 07/22/05
% Moisture.....: 21

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5G220169-006		
	79.2	83.7	%	5.6	(0-20)	MCAWW 160.3 MOD	07/22-07/25/05	5203307

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5G210206 **Work Order #...:** HF3NV-SMP **Matrix.....:** SOLID
HF3NV-DUP
Date Sampled...: 07/21/05 14:00 **Date Received..:** 07/22/05
% Moisture.....: 13

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5G220174-001		
	86.6	85.7	%	0.98	(0-20)	MCAWW 160.3 MOD	07/22-07/25/05	5203307

Dilution Factor: 1

END OF REPORT

Table of Contents

Return to Navigator

SEVERN TRENT STL

STL North Canton
4101 Shuffel Drive NW
North Canton, OH 44720

Tel: 330 497 9396 Fax: 330 497 0772
www.stl-inc.com

ANALYTICAL REPORT

PROJECT NO. 17075-30-02

GMPT SMCO SSOW# E131002
SDG #: 5G28147

Paul Wiseman (PM)

Conestoga Rovers & Assoc., Inc
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

SEVERN TRENT LABORATORIES, INC.

Denise D. Heckler
Project Manager

August 19, 2005

CASE NARRATIVE

CASE NARRATIVE

5G28147

The following report contains the analytical results for twelve solid samples submitted to STL North Canton by Conestoga-Rovers & Associates, Inc. from the GMPT SMCO SSOW# E131002 Site, project number 17075-30-02. The samples were received July 28, 2005, July 29, 2005 and July 30, 2005, according to documented sample acceptance procedures.

This SDG consists of laboratory lot ID's: A5G280147, A5G290161, and A5G300125.

STL utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to GM Edds on August 01, 2005. A summary of QC data for these analyses is included at the back of the report.

STL North Canton attests to the validity of the laboratory data generated by STL facilities reported herein. All analyses performed by STL facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. STL's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by a dry weight adjustment footnote at the bottom of the analytical report page. The list of parameters which are never reported on a dry weight basis is included on the Sample Summary.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

If you have any questions, please call the Project Manager, Denise D. Heckler, at 734-205-2535.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 3.2, 4.3, and 4.1°C.

POLYCHLORINATED BIPHENYLS-8082

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

The matrix spike/matrix spike duplicate(s) for S-072905-SSH-404 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

GENERAL CHEMISTRY

The analytical results met the requirements of the laboratory's QA/QC program.

QUALITY CONTROL ELEMENTS OF SW-846 METHODS

STL North Canton conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. STL North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples. These QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. The only exception is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed below.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals
Methylene chloride	Phthalate Esters	Copper
Acetone		Iron
2-Butanone		Zinc
		Lead*

- *for analyses run on TJA Trace ICP, ICPMS or GFAA only*

QUALITY CONTROL ELEMENTS OF SW-846 METHODS
(Continued)

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable. The acceptance criteria do not apply to samples that are diluted for organics if the native sample amount is 4x the concentration of the spike.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepped and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepped and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide, PCB, and PAH methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria.

STL North Canton Certifications and Approvals:

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225), Illinois (#200004), Kansas (#E10336), Massachusetts (#M-OH048), Maryland (#272), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), North Carolina (#39702), Ohio (#6090), OhioVAP (#CL0024), Rhode Island (#237), South Carolina (#92007001, #92007002, #92007003), Tennessee (#02903), Utah (#QUAN9), Virginia (#00011), West Virginia (#210), Wisconsin (#999518190),NAVY, ARMY, USDA Soil Permit, ACIL Seal of Excellence – Participating Lab Status Award (#82)

Y:\Barb\STL headers\Qc846-Narrative_060204.doc, Revised06/02/04 DJL

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

5G28147 : A5G280147

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-072705-SSH-304 07/27/05 13:30 001				
Aroclor 1248	2900	390	ug/kg	SW846 8082
Aroclor 1260	290 J	390	ug/kg	SW846 8082
Percent Solids	84.5	10.0	%	MCAWW 160.3 MOD
S-072705-SSH-305 07/27/05 13:30 002				
Aroclor 1248	1900	380	ug/kg	SW846 8082
Aroclor 1260	150 J	380	ug/kg	SW846 8082
Percent Solids	85.9	10.0	%	MCAWW 160.3 MOD
S-072705-SSH-306 07/27/05 13:45 003				
Aroclor 1248	4000	400	ug/kg	SW846 8082
Aroclor 1260	260 J	400	ug/kg	SW846 8082
Percent Solids	82.8	10.0	%	MCAWW 160.3 MOD
S-072705-SSH-307 07/27/05 13:45 004				
Aroclor 1248	1100	200	ug/kg	SW846 8082
Aroclor 1260	130 J	200	ug/kg	SW846 8082
Percent Solids	80.8	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

5G28147 : A5G290161

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-072805-SSH-204 07/28/05 12:00 001				
Aroclor 1260	4800	3900	ug/kg	SW846 8082
Percent Solids	85.7	10.0	%	MCAWW 160.3 MOD
S-072805-SSH-205 07/28/05 12:15 002				
Aroclor 1260	710	73	ug/kg	SW846 8082
Percent Solids	90.7	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

5G28147 : A5G300125

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-072905-SSH-404 07/29/05 09:45 001				
Aroclor 1248	4100	400	ug/kg	SW846 8082
Aroclor 1260	4900	400	ug/kg	SW846 8082
Percent Solids	82.9	10.0	%	MCAWW 160.3 MOD
S-072905-SSH-405 07/29/05 09:45 002				
Aroclor 1242	6100	350	ug/kg	SW846 8082
Aroclor 1260	680	350	ug/kg	SW846 8082
Percent Solids	93.2	10.0	%	MCAWW 160.3 MOD
S-072905-SSH-406 07/29/05 10:00 003				
Aroclor 1248	20000	7100	ug/kg	SW846 8082
Aroclor 1260	110000	7100	ug/kg	SW846 8082
Percent Solids	92.4	10.0	%	MCAWW 160.3 MOD
S-072905-SSH-407 07/29/05 10:00 004				
Aroclor 1248	2700	380	ug/kg	SW846 8082
Aroclor 1260	5200	380	ug/kg	SW846 8082
Percent Solids	87.8	10.0	%	MCAWW 160.3 MOD
S-072905-SSH-408 07/29/05 10:15 005				
Aroclor 1248	1400	380	ug/kg	SW846 8082
Aroclor 1260	3700	380	ug/kg	SW846 8082
Percent Solids	87.2	10.0	%	MCAWW 160.3 MOD
S-072905-SSH-409 07/29/05 10:15 006				
Aroclor 1248	3200	2000	ug/kg	SW846 8082
Aroclor 1260	15000	2000	ug/kg	SW846 8082
Percent Solids	84.0	10.0	%	MCAWW 160.3 MOD

METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

5G28147

PARAMETER	ANALYTICAL METHOD
PCBs by SW-846 8082	SW846 8082
Total Residue as Percent Solids	MCAWW 160.3 MOD

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

SAMPLE SUMMARY

5G28147 : A5G280147

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HGFM4	001	S-072705-SSH-304	07/27/05	13:30
HGFM7	002	S-072705-SSH-305	07/27/05	13:30
HGFM8	003	S-072705-SSH-306	07/27/05	13:45
HGFM9	004	S-072705-SSH-307	07/27/05	13:45

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

5G28147 : A5G290161

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HGJRC	001	S-072805-SSH-204	07/28/05	12:00
HGJRQ	002	S-072805-SSH-205	07/28/05	12:15

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

5G28147 : A5G300125

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HGL28	001	S-072905-SSH-404	07/29/05	09:45
HGL3C	002	S-072905-SSH-405	07/29/05	09:45
HGL3D	003	S-072905-SSH-406	07/29/05	10:00
HGL3E	004	S-072905-SSH-407	07/29/05	10:00
HGL3F	005	S-072905-SSH-408	07/29/05	10:15
HGL3G	006	S-072905-SSH-409	07/29/05	10:15

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

SHIPPING AND RECEIVING DOCUMENTS

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 1 OF 1

ID # Nº 02330

SSOW Ref. Code: 131002

Required Client Information:

Company: CRA, Inc	Report To: Mike Tonka
Address:	Copy To: Paul Wieman
14496 Sheldon Rd Ste 200	Invoice To: Mike Tonka
Plymouth MI 48170	P.O.:
Phone: 734-453-5123	Project Name: GMPT SMCO
Fax: -5201	Project Number: 17075-30-02
Email: craworld.com	

Laboratory:	STL		
Laboratory Location:	North Canton		
Laboratory Contact:	Denise Heckler		
Requested Due Date:	*RUSH*	TAT:	24 hrs
QA/QC Requirements:			

Valid Matrix Codes:
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment
See Back for Additional Codes

Sample Identification	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	PCBs	Remarks/Lab ID
S-072705-SSH-304	SO	7/27/05	1330	1	X						X	*RUSH*
S-072705-SSH-305	SO	|	1330	1	X						X	
S-072705-SSH-306	SO	|	1345	1	X						X	
S-072705-SSH-307	SO		1345	1	X						X	
10.												
11.												
12.												
13.												
14.												
15. SSH												

TOTAL NUMBER OF CONTAINERS: 4

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	1	[signature] CRA	7/27/05	1700	[signature] STL	7/28/05	9:30am

AIRBILL NO. 8524 7579 7197

Sample Condition

Temp in C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Steve S. Horwinger
Sampler Signature: [signature] Date: 7/27/05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV 01/6/04

STL Cooler Receipt Form/Narrative **Lot Number:** A6280474
North Canton Facility

Client: CRA Project: GMPT SMCO Quote#:
Cooler Received on: 7/28/05 Opened on: 7/28/05 by: Ann Maddux (Signature)

Fedx [X] Client Drop Off [ ] UPS [ ] DHL [ ] FAS [ ] Other:
STL Cooler No# M028 Foam Box [ ] Client Cooler [ ] Other
1. Were custody seals on the outside of the cooler? Yes [ ] No [X] Intact? Yes [ ] No [ ] NA [X]
   If YES, Quantity
   Were the custody seals signed and dated? Yes [ ] No [ ] NA [X]
2. Shipper's packing slip attached to this form? Yes [X] No [ ] NA [ ]
3. Did custody papers accompany the samples? Yes [X] No [ ] Relinquished by client? Yes [X] No [ ]
4. Did you sign the custody papers in the appropriate place? Yes [X] No [ ]
5. Packing material used: Bubble Wrap [X] Foam [ ] None [ ] Other :
6. Cooler temperature upon receipt 3.2 °C (see back of form for multiple coolers/temp)

METHOD: Temp Vial [ ] Coolant & Sample [ ] Against Bottles [ ] IR [X] ICE/H_2O Slurry [ ]
COOLANT: Wet Ice [X] Blue Ice [ ] Dry Ice [ ] Water [ ] None [ ]

7. Did all bottles arrive in good condition (Unbroken)? Yes [X] No [ ]
8. Could all bottle labels and/or tags be reconciled with the COC? Yes [X] No [ ]
9. Were samples at the correct pH? (record below/on back) Yes [ ] No [ ] NA [X]
10. Were correct bottles used for the tests indicated? Yes [X] No [ ]
11. Were air bubbles >6 mm in any VOA vials? Yes [ ] No [ ] NA [X]
12. Sufficient quantity received to perform indicated analyses? Yes [X] No [ ]

Contacted PM _____ Date: _____ by: _____ via Voice Mail [ ] Verbal [ ] Other [ ]
Concerning: _____

√	

1. CHAIN OF CUSTODY

The following discrepancies occurred:

2. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.

3. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot # 051105-HNO3; Sulfuric Acid Lot # 102804-H2SO4; Sodium Hydroxide Lot # -041305 -NaOH; Hydrochloric Acid Lot # 100504-HCl; Sodium Hydroxide and Zinc Acetate Lot # 071604-CH3COO2ZN/NaOH*
Sample(s) _____ were received with bubble > 6 mm in diameter (cc: PM)

4. Other (see below or back)

Client ID	pH	Date	Initials

STL Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp	Method	Coolant

Discrepancies Cont.

GM REALM
ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

21

PAGE 1 OF 1

ID # N° 02329

SSOW Ref. Code: FI31002

uired Client Information:

npany: CRA, Inc
lress: 1496 Sheldon Rd SE 2nd
mouth, MI 48170
ne: 734-451-5123
- 5201
nail: Crawarld.com

Report To: Mike Tomko
Copy To: Pearl Wiseman
Invoice To: Mike Tomko
P.O.:
Project Name: GMPT SMCO
Project Number: 17075-30-02

Laboratory: STL
Laboratory Location: North Canton
Laboratory Contact: Denise Heckler
Requested Due Date: *RUSH* TAT: 24 hrs
QA/QC Requirements:

Valid Matrix Codes:
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment
See Back for Additional Codes

Analysis and Method

mple Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	PCBs	Remarks/Lab ID
S-072805-SSH-204	SO	7/28/05	1200	1	X						X	*RUSH*
S-072805-SSH-205	SO	7/28/05	1215	1	X						X	
0.												
1.												
2.												
3.												
4.												
5. SSH												
TOTAL NUMBER OF CONTAINERS				2								

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	1	Steven S. Hoevemeyer / CRA	7/28/05	1700	Diana Miller STL	7/29/05	10:05
AIRBILL NO. 8526 2579 7186							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Steven S. Hoevemeyer
Sampler Signature: Steven S. Hoevemeyer Date: 7/28/05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

RLV 0 16 04

STL North Canton

STL Cooler Receipt Form/Narrative **Lot Number:** A5629016

North Canton Facility

Client: CRA Project: SNCO Quote#: 63981

Cooler Received on: 7/29/05 Opened on: 7/29/05 by: Diana Mitew (Signature)

Fedx ☑ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ Other:_____

STL Cooler No#1 31 Foam Box ☐ Client Cooler ☐ Other ☑

1. Were custody seals on the outside of the cooler? Yes ☐ No ☑ Intact? Yes ☐ No ☐ NA ☑
   If YES, Quantity_____
   Were the custody seals signed and dated? Yes ☐ No ☐ NA ☑
2. Shipper's packing slip attached to this form? Yes ☑ No ☐ NA ☐
3. Did custody papers accompany the samples? Yes ☑ No ☐ Relinquished by client? Yes ☑ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☑ No ☐
5. Packing material used: Bubble Wrap ☑ Foam ☐ None ☐ Other :_____
6. Cooler temperature upon receipt 4/3 °C (see back of form for multiple coolers/temp)

METHOD: Temp Vial ☐ Coolant & Sample ☐ Against Bottles ☐ IR ☑ ICE/$H_2$0 Slurry ☐

COOLANT: Wet Ice ☑ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☑ No ☐
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☑ No ☐
9. Were samples at the correct pH? (record below/on back) Yes ☐ No ☐ NA ☑
10. Were correct bottles used for the tests indicated? Yes ☑ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☑
12. Sufficient quantity received to perform indicated analyses? Yes ☑ No ☐

Contacted PM _____ Date:_____ by:_____ via Voice Mail ☐ Verbal ☐ Other ☐

Concerning:_____

√		

1. CHAIN OF CUSTODY

The following discrepancies occurred:

2. SAMPLE CONDITION

Sample(s)_____ were received after the recommended holding time had expired.

Sample(s)_____ were received in a broken container.

3. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot # 051105-HNO3; Sulfuric Acid Lot # 102804-H2SO4; Sodium Hydroxide Lot # -041305 -NaOH; Hydrochloric Acid Lot # 100504-HCl; Sodium Hydroxide and Zinc Acetate Lot # 071604-CH3COO2ZN/NaOH*

Sample(s)_____ were received with bubble > 6 mm in diameter (cc: PM)

4. Other (see below or back)

Client ID	pH	Date	Initials

STL Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp	Method	Coolant

Discrepancies Cont.

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 1 OF 1

ID # № 02328

SSOW Ref. Code: E131002

Required Client Information:

Company: CRA, Inc.	Report To: Mike Tomka	Laboratory: STL	
Address:	Copy To: Paul Wiseman	Laboratory Location: North Canton	
1496 Sheldon Rd Ste 200	Invoice To: Mike Tomka	Laboratory Contact: Denise Heckler	
Plymouth, MI 48170	P.O.:	Requested Due Date: *RUSH*	TAT: 24 hrs
Phone: 734-453-5123	Project Name: GMPT SMCO	QA/QC Requirements:	
Fax: -5701	Project Number: 17075-30-02		
Email: craworld.com			

Valid Matrix Codes: WG Groundwater, WB Borehole Water, WS Surface Water, SO Soil, SE Sediment. See Back for Additional Codes

Sample Identification	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	PCBs	Remarks/Lab ID
S-072905-SSH-404	So	7/29/05	0945	1	X						X	*RUSH*
S-072905-SSH-405	So	|	0945	1	X						X	
S-072905-SSH-406	SO	|	1000	1	X						X	
S-072905-SSH-407	SO	|	1000	1	X						X	
S-072905-SSH-408	So	|	1015	1	X						X	
S-072905-SSH-409	SO	|	1015	1	X						X	

TOTAL NUMBER OF CONTAINERS: 6

Analysis and Method

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	1	[signature] / CRA	7/29/05	1700	[signature] STL	7/30/05	9:30 am

AIRBILL NO. 8526 7579 7175

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Steven S. Hoevemeyer

Sampler Signature: [signature] Date: 7/29/05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV 04/6/04

STL Cooler Receipt Form/Narrative **Lot Number:** AS630025

North Canton Facility

Client: CRA Project: GMPT.SMCO Quote#: 63981

Cooler Received on: 7/30/05 Opened on: 7/30/05 by: (Signature)

Fedx [X] Client Drop Off [ ] UPS [ ] DHL [ ] FAS [ ] Other:

STL Cooler No# M-128 Foam Box [ ] Client Cooler [ ] Other

1. Were custody seals on the outside of the cooler? Yes [ ] No [X] Intact? Yes [ ] No [ ] NA [X]
   If YES, Quantity
   Were the custody seals signed and dated? Yes [ ] No [ ] NA [X]
2. Shipper's packing slip attached to this form? Yes [X] No [ ] NA [ ]
3. Did custody papers accompany the samples? Yes [X] No [ ] Relinquished by client? Yes [X] No [ ]
4. Did you sign the custody papers in the appropriate place? Yes [X] No [ ]
5. Packing material used: Bubble Wrap [X] Foam [ ] None [ ] Other :
6. Cooler temperature upon receipt 4.1 °C (see back of form for multiple coolers/temp)

METHOD: Temp Vial [ ] Coolant & Sample [ ] Against Bottles [ ] IR [X] ICE/H_2O Slurry [ ]

COOLANT: Wet Ice [X] Blue Ice [ ] Dry Ice [ ] Water [ ] None [ ]

7. Did all bottles arrive in good condition (Unbroken)? Yes [X] No [ ]
8. Could all bottle labels and/or tags be reconciled with the COC? Yes [X] No [ ]
9. Were samples at the correct pH? (record below/on back) Yes [ ] No [ ] NA [X]
10. Were correct bottles used for the tests indicated? Yes [X] No [ ]
11. Were air bubbles >6 mm in any VOA vials? Yes [ ] No [ ] NA [X]
12. Sufficient quantity received to perform indicated analyses? Yes [X] No [ ]

Contacted PM _____ Date: _____ by: _____ via Voice Mail [ ] Verbal [ ] Other [ ]

Concerning: _____

√		

1. CHAIN OF CUSTODY

The following discrepancies occurred:

2. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

3. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot # 051105-HNO3; Sulfuric Acid Lot # 102804-H2SO4; Sodium Hydroxide Lot # -041305 -NaOH; Hydrochloric Acid Lot # 100504-HCl; Sodium Hydroxide and Zinc Acetate Lot # 071604-CH3COO2ZN/NaOH*

Sample(s) _____ were received with bubble > 6 mm in diameter (cc: PM)

4. Other (see below or back)

Client ID	pH	Date	Initials

STL Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp	Method	Coolant

Discrepancies Cont.

SEVERN TRENT STL

POLYCHLORINATED BIPHENYLS DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072705-SSH-304

GC Semivolatiles

Lot-Sample #...: A5G280147-001 **Work Order #...:** HGFM41AC **Matrix.....:** SO
Date Sampled...: 07/27/05 13:30 **Date Received..:** 07/28/05
Prep Date.....: 07/28/05 **Analysis Date..:** 07/29/05
Prep Batch #...: 5209457
Dilution Factor: 10 **Initial Wgt/Vol:** 30.2 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 16 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	390	ug/kg	79
Aroclor 1221	ND	390	ug/kg	120
Aroclor 1232	ND	390	ug/kg	62
Aroclor 1242	ND	390	ug/kg	120
Aroclor 1248	**2900**	**390**	**ug/kg**	**57**
Aroclor 1254	ND	390	ug/kg	51
Aroclor 1260	**290 J**	**390**	**ug/kg**	**95**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	124 DIL	(10 - 127)
Decachlorobiphenyl	89 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072705-SSH-305

GC Semivolatiles

Lot-Sample #...: A5G280147-002 **Work Order #...:** HGFM71AC **Matrix.....:** SO
Date Sampled...: 07/27/05 13:30 **Date Received..:** 07/28/05
Prep Date.....: 07/28/05 **Analysis Date..:** 07/29/05
Prep Batch #...: 5209457
Dilution Factor: 10 **Initial Wgt/Vol:** 30.18 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 14 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	380	ug/kg	78
Aroclor 1221	ND	380	ug/kg	120
Aroclor 1232	ND	380	ug/kg	61
Aroclor 1242	ND	380	ug/kg	120
Aroclor 1248	**1900**	**380**	**ug/kg**	**56**
Aroclor 1254	ND	380	ug/kg	50
Aroclor 1260	**150 J**	**380**	**ug/kg**	**93**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	116 DIL	(10 - 127)
Decachlorobiphenyl	90 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072705-SSH-306

GC Semivolatiles

Lot-Sample #...: A5G280147-003 **Work Order #...:** HGFM81AC **Matrix.....:** SO
Date Sampled...: 07/27/05 13:45 **Date Received..:** 07/28/05
Prep Date.....: 07/28/05 **Analysis Date..:** 07/29/05
Prep Batch #...: 5209457
Dilution Factor: 10 **Initial Wgt/Vol:** 30.02 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 17 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	400	ug/kg	81
Aroclor 1221	ND	400	ug/kg	120
Aroclor 1232	ND	400	ug/kg	63
Aroclor 1242	ND	400	ug/kg	120
Aroclor 1248	**4000**	**400**	**ug/kg**	**58**
Aroclor 1254	ND	400	ug/kg	52
Aroclor 1260	**260 J**	**400**	**ug/kg**	**97**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	99 DIL	(10 - 127)
Decachlorobiphenyl	88 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072705-SSH-307

GC Semivolatiles

Lot-Sample #...: A5G280147-004 **Work Order #...:** HGFM91AC **Matrix.....:** SO
Date Sampled...: 07/27/05 13:45 **Date Received..:** 07/28/05
Prep Date.....: 07/28/05 **Analysis Date..:** 07/29/05
Prep Batch #...: 5209457
Dilution Factor: 5 **Initial Wgt/Vol:** 30.18 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 19 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	200	ug/kg	41
Aroclor 1221	ND	200	ug/kg	61
Aroclor 1232	ND	200	ug/kg	32
Aroclor 1242	ND	200	ug/kg	62
Aroclor 1248	**1100**	**200**	**ug/kg**	**30**
Aroclor 1254	ND	200	ug/kg	27
Aroclor 1260	**130 J**	**200**	**ug/kg**	**50**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	139 DIL,*	(10 - 127)
Decachlorobiphenyl	93 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072805-SSH-204

GC Semivolatiles

Lot-Sample #...: A5G290161-001 **Work Order #...:** HGJRC1AC **Matrix.....:** SO
Date Sampled...: 07/28/05 12:00 **Date Received..:** 07/29/05
Prep Date.....: 07/30/05 **Analysis Date..:** 07/31/05
Prep Batch #...: 5211024
Dilution Factor: 100 **Initial Wgt/Vol:** 30.1 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 14 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	3900	ug/kg	780
Aroclor 1221	ND	3900	ug/kg	1200
Aroclor 1232	ND	3900	ug/kg	610
Aroclor 1242	ND	3900	ug/kg	1200
Aroclor 1248	ND	3900	ug/kg	560
Aroclor 1254	ND	3900	ug/kg	500
Aroclor 1260	**4800**	**3900**	**ug/kg**	**930**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	93 DIL	(10 - 127)
Decachlorobiphenyl	183 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072805-SSH-205

GC Semivolatiles

Lot-Sample #...: A5G290161-002 **Work Order #...:** HGJRQ1AC **Matrix.....:** SO
Date Sampled...: 07/28/05 12:15 **Date Received..:** 07/29/05
Prep Date.....: 07/30/05 **Analysis Date..:** 07/31/05
Prep Batch #...: 5211024
Dilution Factor: 2 **Initial Wgt/Vol:** 30.13 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 9.3 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	73	ug/kg	15
Aroclor 1221	ND	73	ug/kg	22
Aroclor 1232	ND	73	ug/kg	11
Aroclor 1242	ND	73	ug/kg	22
Aroclor 1248	ND	73	ug/kg	11
Aroclor 1254	ND	73	ug/kg	9.5
Aroclor 1260	**710**	**73**	**ug/kg**	**18**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	103	(10 - 127)
Decachlorobiphenyl	103	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072905-SSH-404

GC Semivolatiles

Lot-Sample #...: A5G300125-001 **Work Order #...:** HGL281AC **Matrix.....:** SO
Date Sampled...: 07/29/05 09:45 **Date Received..:** 07/30/05
Prep Date.....: 07/31/05 **Analysis Date..:** 08/01/05
Prep Batch #...: 5211091
Dilution Factor: 10 **Initial Wgt/Vol:** 30 mL **Final Wgt/Vol..:** 10 mL
% Moisture.....: 17 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	400	ug/kg	81
Aroclor 1221	ND	400	ug/kg	120
Aroclor 1232	ND	400	ug/kg	63
Aroclor 1242	ND	400	ug/kg	120
Aroclor 1248	**4100**	**400**	**ug/kg**	**58**
Aroclor 1254	ND	400	ug/kg	52
Aroclor 1260	**4900**	**400**	**ug/kg**	**97**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	114 DIL	(10 - 127)
Decachlorobiphenyl	127 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072905-SSH-405

GC Semivolatiles

Lot-Sample #...: A5G300125-002 **Work Order #...:** HGL3C1AC **Matrix.....:** SO
Date Sampled...: 07/29/05 09:45 **Date Received..:** 07/30/05
Prep Date.....: 07/31/05 **Analysis Date..:** 08/01/05
Prep Batch #...: 5211091
Dilution Factor: 10 **Initial Wgt/Vol:** 30 mL **Final Wgt/Vol..:** 10 mL
% Moisture.....: 6.8 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	350	ug/kg	72
Aroclor 1221	ND	350	ug/kg	110
Aroclor 1232	ND	350	ug/kg	56
Aroclor 1242	**6100**	**350**	**ug/kg**	**110**
Aroclor 1248	ND	350	ug/kg	52
Aroclor 1254	ND	350	ug/kg	46
Aroclor 1260	**680**	**350**	**ug/kg**	**86**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	150 DIL,*	(10 - 127)
Decachlorobiphenyl	130 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072905-SSH-406

GC Semivolatiles

Lot-Sample #...: A5G300125-003 **Work Order #...:** HGL3D1AC **Matrix.....:** SO
Date Sampled...: 07/29/05 10:00 **Date Received..:** 07/30/05
Prep Date.....: 07/31/05 **Analysis Date..:** 08/01/05
Prep Batch #...: 5211091
Dilution Factor: 200 **Initial Wgt/Vol:** 30 mL **Final Wgt/Vol..:** 10 mL
% Moisture.....: 7.6 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	7100	ug/kg	1500
Aroclor 1221	ND	7100	ug/kg	2100
Aroclor 1232	ND	7100	ug/kg	1100
Aroclor 1242	ND	7100	ug/kg	2200
Aroclor 1248	**20000**	**7100**	**ug/kg**	**1000**
Aroclor 1254	ND	7100	ug/kg	930
Aroclor 1260	**110000**	**7100**	**ug/kg**	**1700**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	201 DIL,*	(10 - 127)
Decachlorobiphenyl	332 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072905-SSH-407

GC Semivolatiles

Lot-Sample #...: A5G300125-004 **Work Order #...:** HGL3E1AC **Matrix.....:** SO
Date Sampled...: 07/29/05 10:00 **Date Received..:** 07/30/05
Prep Date.....: 07/31/05 **Analysis Date..:** 08/01/05
Prep Batch #...: 5211091
Dilution Factor: 10 **Initial Wgt/Vol:** 30 mL **Final Wgt/Vol..:** 10 mL
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	380	ug/kg	76
Aroclor 1221	ND	380	ug/kg	110
Aroclor 1232	ND	380	ug/kg	59
Aroclor 1242	ND	380	ug/kg	110
Aroclor 1248	**2700**	**380**	**ug/kg**	**55**
Aroclor 1254	ND	380	ug/kg	49
Aroclor 1260	**5200**	**380**	**ug/kg**	**91**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	116 DIL	(10 - 127)
Decachlorobiphenyl	122 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072905-SSH-408

GC Semivolatiles

Lot-Sample #...: A5G300125-005 **Work Order #...:** HGL3F1AC **Matrix.....:** SO
Date Sampled...: 07/29/05 10:15 **Date Received..:** 07/30/05
Prep Date.....: 07/31/05 **Analysis Date..:** 08/01/05
Prep Batch #...: 5211091
Dilution Factor: 10 **Initial Wgt/Vol:** 30 mL **Final Wgt/Vol..:** 10 mL
% Moisture.....: 13 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	380	ug/kg	77
Aroclor 1221	ND	380	ug/kg	110
Aroclor 1232	ND	380	ug/kg	60
Aroclor 1242	ND	380	ug/kg	110
Aroclor 1248	**1400**	**380**	**ug/kg**	**55**
Aroclor 1254	ND	380	ug/kg	49
Aroclor 1260	**3700**	**380**	**ug/kg**	**92**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	112 DIL	(10 - 127)
Decachlorobiphenyl	169 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072905-SSH-409

GC Semivolatiles

Lot-Sample #...: A5G300125-006 **Work Order #...:** HGL3G1AC **Matrix.....:** SO
Date Sampled...: 07/29/05 10:15 **Date Received..:** 07/30/05
Prep Date.....: 07/31/05 **Analysis Date..:** 08/01/05
Prep Batch #...: 5211091
Dilution Factor: 50 **Initial Wgt/Vol:** 30 mL **Final Wgt/Vol..:** 10 mL
% Moisture.....: 16 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	2000	ug/kg	400
Aroclor 1221	ND	2000	ug/kg	590
Aroclor 1232	ND	2000	ug/kg	310
Aroclor 1242	ND	2000	ug/kg	600
Aroclor 1248	**3200**	**2000**	**ug/kg**	**290**
Aroclor 1254	ND	2000	ug/kg	260
Aroclor 1260	**15000**	**2000**	**ug/kg**	**480**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	135 DIL,*	(10 - 127)
Decachlorobiphenyl	137 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 5G28147 **Work Order #...:** HGGQP1AA **Matrix.....:** SOLID
MB Lot-Sample #: A5G280000-457

Prep Date.....: 07/28/05 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 07/29/05 **Prep Batch #...:** 5209457
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	69	(10 - 127)
Decachlorobiphenyl	63	(40 - 138)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 5G28147 **Work Order #...:** HGLWT1AA **Matrix.....:** SOLID
MB Lot-Sample #: A5G300000-024

Prep Date.....: 07/30/05 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 07/31/05 **Prep Batch #...:** 5211024
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	50	(10 - 127)
Decachlorobiphenyl	65	(40 - 138)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 5G28147 **Work Order #...:** HGMAT1AA **Matrix.....:** SOLID
MB Lot-Sample #: A5G300000-091

Prep Date.....: 07/31/05 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 08/01/05 **Prep Batch #...:** 5211091
Dilution Factor: 1 **Initial Wgt/Vol:** 30 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	100	(10 - 127)
Decachlorobiphenyl	114	(40 - 138)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5G28147 **Work Order #...:** HGGQP1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5G280000-457
Prep Date.....: 07/28/05 **Analysis Date..:** 07/29/05
Prep Batch #...: 5209457
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**270**	**ug/kg**	**81**	**SW846 8082**
Aroclor 1260	**330**	**290**	**ug/kg**	**86**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	98	(10 - 127)
Decachlorobiphenyl	71	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5G28147 **Work Order #...:** HGGQP1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5G280000-457
Prep Date.....: 07/28/05 **Analysis Date..:** 07/29/05
Prep Batch #...: 5209457
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**81**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**86**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	98	(10 - 127)
Decachlorobiphenyl	71	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5G28147 **Work Order #...:** HGLWT1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5G300000-024
Prep Date.....: 07/30/05 **Analysis Date..:** 07/31/05
Prep Batch #...: 5211024
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**150**	**ug/kg**	**44**	**SW846 8082**
Aroclor 1260	**330**	**160**	**ug/kg**	**49**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	43	(10 - 127)
Decachlorobiphenyl	51	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5G28147 **Work Order #...:** HGLWT1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5G300000-024
Prep Date.....: 07/30/05 **Analysis Date..:** 07/31/05
Prep Batch #...: 5211024
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**44**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**49**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	43	(10 - 127)
Decachlorobiphenyl	51	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5G28147 **Work Order #...:** HGMAT1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5G300000-091
Prep Date.....: 07/31/05 **Analysis Date..:** 08/01/05
Prep Batch #...: 5211091
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**340**	**ug/kg**	**101**	**SW846 8082**
Aroclor 1260	**330**	**390**	**ug/kg**	**116**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	100	(10 - 127)
Decachlorobiphenyl	114	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5G28147 **Work Order #...:** HGMAT1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5G300000-091
Prep Date.....: 07/31/05 **Analysis Date..:** 08/01/05
Prep Batch #...: 5211091
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**101**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**116**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	100	(10 - 127)
Decachlorobiphenyl	114	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5G28147 **Work Order #...:** HGFM91AE-MS **Matrix.....:** SO
MS Lot-Sample #: A5G280147-004 HGFM91AF-MSD
Date Sampled...: 07/27/05 13:45 **Date Received..:** 07/28/05
Prep Date.....: 07/28/05 **Analysis Date..:** 07/29/05
Prep Batch #...: 5209457
Dilution Factor: 5 **Initial Wgt/Vol:** 30.04 g **Final Wgt/Vol..:** 10 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**410**	**670**	**ug/kg**	**161**		**SW846 8082**
	Qualifiers: DIL						
	ND	**410**	**610**	**ug/kg**	**149**	**8.2**	**SW846 8082**
	Qualifiers: DIL						
Aroclor 1260	**130**	**410**	**490**	**ug/kg**	**89 DIL**		**SW846 8082**
	130	**410**	**470**	**ug/kg**	**84 DIL**	**4.8**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	134	(10 - 127)
	Qualifiers: DIL,*	
	104 DIL	(10 - 127)
Decachlorobiphenyl	94 DIL	(40 - 138)
	91 DIL	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5G28147 **Work Order #...:** HGFM91AE-MS **Matrix.....:** SO
MS Lot-Sample #: A5G280147-004 HGFM91AF-MSD
Date Sampled...: 07/27/05 13:45 **Date Received..:** 07/28/05
Prep Date.....: 07/28/05 **Analysis Date..:** 07/29/05
Prep Batch #...: 5209457
Dilution Factor: 5 **Initial Wgt/Vol:** 30.04 g **Final Wgt/Vol..:** 10 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**161 DIL**	**(10 - 200)**			**SW846 8082**
	149 DIL	**(10 - 200)**	**8.2**	**(0-30)**	**SW846 8082**
Aroclor 1260	**89 DIL**	**(10 - 200)**			**SW846 8082**
	84 DIL	**(10 - 200)**	**4.8**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	134	(10 - 127)
	Qualifiers: DIL,*	
	104 DIL	(10 - 127)
Decachlorobiphenyl	94 DIL	(40 - 138)
	91 DIL	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5G28147 **Work Order #...:** HGK4C1AN-MS **Matrix.....:** SOLID
MS Lot-Sample #: A5G290320-001 HGK4C1AP-MSD
Date Sampled...: 07/28/05 13:59 **Date Received..:** 07/29/05
Prep Date.....: 07/30/05 **Analysis Date..:** 08/02/05
Prep Batch #...: 5211024
Dilution Factor: 1 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 7.1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**360**	**420**	**ug/kg**	**116**		**SW846 8082**
	ND	**360**	**470**	**ug/kg**	**133**	**13**	**SW846 8082**
Aroclor 1260	**91**	**360**	**400**	**ug/kg**	**85**		**SW846 8082**
	91	**360**	**410**	**ug/kg**	**88**	**2.4**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	96	(10 - 127)
	109	(10 - 127)
Decachlorobiphenyl	72	(40 - 138)
	75	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5G28147 **Work Order #...:** HGK4C1AN-MS **Matrix.....:** SOLID
MS Lot-Sample #: A5G290320-001 HGK4C1AP-MSD
Date Sampled...: 07/28/05 13:59 **Date Received..:** 07/29/05
Prep Date.....: 07/30/05 **Analysis Date..:** 08/02/05
Prep Batch #...: 5211024
Dilution Factor: 1 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 7.1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**116**	**(10 - 200)**			**SW846 8082**
	133	**(10 - 200)**	**13**	**(0-30)**	**SW846 8082**
Aroclor 1260	**85**	**(10 - 200)**			**SW846 8082**
	88	**(10 - 200)**	**2.4**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	96	(10 - 127)
	109	(10 - 127)
Decachlorobiphenyl	72	(40 - 138)
	75	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5G28147 **Work Order #...:** HGL281AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5G300125-001 HGL281AE-MSD
Date Sampled...: 07/29/05 09:45 **Date Received..:** 07/30/05
Prep Date.....: 07/31/05 **Analysis Date..:** 08/01/05
Prep Batch #...: 5211091
Dilution Factor: 10 **Initial Wgt/Vol:** 30 mL **Final Wgt/Vol..:** 10 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**400**	**1800**	**ug/kg**	**443**		**SW846 8082**
	Qualifiers: DIL,a						
	ND	**400**	**1600**	**ug/kg**	**388**	**13**	**SW846 8082**
	Qualifiers: DIL,a						
Aroclor 1260	**4900**	**400**	**4200**	**ug/kg**	**0.0**		**SW846 8082**
	Qualifiers: DIL,a						
	4900	**400**	**3900**	**ug/kg**	**0.0**	**0.0**	**SW846 8082**
	Qualifiers: DIL,a						

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	129	(10 - 127)
	Qualifiers: DIL,*	
	119 DIL	(10 - 127)
Decachlorobiphenyl	133 DIL	(40 - 138)
	125 DIL	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5G28147 **Work Order #...:** HGL281AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5G300125-001 HGL281AE-MSD
Date Sampled...: 07/29/05 09:45 **Date Received..:** 07/30/05
Prep Date.....: 07/31/05 **Analysis Date..:** 08/01/05
Prep Batch #...: 5211091
Dilution Factor: 10 **Initial Wgt/Vol:** 30 mL **Final Wgt/Vol..:** 10 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**443 DIL,a**	**(10 - 200)**			**SW846 8082**
	388 DIL,a	**(10 - 200)**	**13**	**(0-30)**	**SW846 8082**
Aroclor 1260	**0.0 DIL,a**	**(10 - 200)**			**SW846 8082**
	0.0 DIL,a	**(10 - 200)**	**0.0**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	129	(10 - 127)
	Qualifiers: DIL,*	
	119 DIL	(10 - 127)
Decachlorobiphenyl	133 DIL	(40 - 138)
	125 DIL	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

GENERAL CHEMISTRY DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072705-SSH-304

General Chemistry

Lot-Sample #...: A5G280147-001 **Work Order #...:** HGFM4 **Matrix.....:** SO
Date Sampled...: 07/27/05 13:30 **Date Received..:** 07/28/05
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**84.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/28-07/29/05**	**5209490**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072705-SSH-305

General Chemistry

Lot-Sample #...: A5G280147-002 **Work Order #...:** HGFM7 **Matrix.....:** SO
Date Sampled...: 07/27/05 13:30 **Date Received..:** 07/28/05
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**85.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/28-07/29/05**	**5209490**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072705-SSH-306

General Chemistry

Lot-Sample #...: A5G280147-003 **Work Order #...:** HGFM8 **Matrix.....:** SO
Date Sampled...: 07/27/05 13:45 **Date Received..:** 07/28/05
% Moisture.....: 17

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**82.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/28-07/29/05**	**5209490**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072705-SSH-307

General Chemistry

Lot-Sample #...: A5G280147-004 **Work Order #...:** HGFM9 **Matrix.....:** SO
Date Sampled...: 07/27/05 13:45 **Date Received..:** 07/28/05
% Moisture.....: 19

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**80.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/28-07/29/05**	**5209490**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072805-SSH-204

General Chemistry

Lot-Sample #...: A5G290161-001 **Work Order #...:** HGJRC **Matrix.....:** SO
Date Sampled...: 07/28/05 12:00 **Date Received..:** 07/29/05
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**85.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/29-08/01/05**	**5210368**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072805-SSH-205

General Chemistry

Lot-Sample #...: A5G290161-002 **Work Order #...:** HGJRQ **Matrix.....:** SO
Date Sampled...: 07/28/05 12:15 **Date Received..:** 07/29/05
% Moisture.....: 9.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/29-08/01/05**	**5210368**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072905-SSH-404

General Chemistry

Lot-Sample #...: A5G300125-001 **Work Order #...:** HGL28 **Matrix.....:** SO
Date Sampled...: 07/29/05 09:45 **Date Received..:** 07/30/05
% Moisture.....: 17

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**82.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/30-08/01/05**	**5213216**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072905-SSH-405

General Chemistry

Lot-Sample #...: A5G300125-002 **Work Order #...:** HGL3C **Matrix.....:** SO
Date Sampled...: 07/29/05 09:45 **Date Received..:** 07/30/05
% Moisture.....: 6.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/30-08/01/05**	**5213216**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072905-SSH-406

General Chemistry

Lot-Sample #...: A5G300125-003 **Work Order #...:** HGL3D **Matrix.....:** SO
Date Sampled...: 07/29/05 10:00 **Date Received..:** 07/30/05
% Moisture.....: 7.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/30-08/01/05**	**5213216**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072905-SSH-407

General Chemistry

Lot-Sample #...: A5G300125-004 **Work Order #...:** HGL3E **Matrix.....:** SO
Date Sampled...: 07/29/05 10:00 **Date Received..:** 07/30/05
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**87.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/30-08/01/05**	**5213216**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072905-SSH-408

General Chemistry

Lot-Sample #...: A5G300125-005 **Work Order #...:** HGL3F **Matrix.....:** SO
Date Sampled...: 07/29/05 10:15 **Date Received..:** 07/30/05
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**87.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/30-08/01/05**	**5213216**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-072905-SSH-409

General Chemistry

Lot-Sample #...: A5G300125-006 **Work Order #...:** HGL3G **Matrix.....:** SO
Date Sampled...: 07/29/05 10:15 **Date Received..:** 07/30/05
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**84.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**07/30-08/01/05**	**5213216**

Dilution Factor: 1 MDL.....: 10.0

METHOD BLANK REPORT

General Chemistry

Client Lot #...: 5G28147 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids		Work Order #: HGGTN1AA		MB Lot-Sample #:	A5G280000-490	
	ND	10.0	%	MCAWW 160.3 MOD	07/28-07/29/05	5209490
		Dilution Factor: 1				
Percent Solids		Work Order #: HGNG81AA		MB Lot-Sample #:	A5G290000-368	
	ND	10.0	%	MCAWW 160.3 MOD	07/29-08/01/05	5210368
		Dilution Factor: 1				
Percent Solids		Work Order #: HGNH71AA		MB Lot-Sample #:	A5H010000-216	
	ND	10.0	%	MCAWW 160.3 MOD	07/30-08/01/05	5213216
		Dilution Factor: 1				

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5G280147 **Work Order #...:** HGFJG-SMP **Matrix.....:** SOLID
HGFJG-DUP
Date Sampled...: 07/27/05 12:17 **Date Received..:** 07/28/05
% Moisture.....: 23

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5G280129-017		
	77.4	77.6	%	0.30	(0-20)	MCAWW 160.3 MOD	07/28-07/29/05	5209490

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5G280147 **Work Order #...:** HGFM9-SMP **Matrix.....:** SO
HGFM9-DUP
Date Sampled...: 07/27/05 13:45 **Date Received..:** 07/28/05
% Moisture.....: 19

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5G280147-004		
	80.8	81.0	%	0.21	(0-20)	MCAWW 160.3 MOD	07/28-07/29/05	5209490

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5G280147 **Work Order #...:** HGJRC-SMP **Matrix.....:** SO
HGJRC-DUP
Date Sampled...: 07/28/05 12:00 **Date Received..:** 07/29/05
% Moisture.....: 14

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5G290161-001		
	85.7	85.8	%	0.11	(0-20)	MCAWW 160.3 MOD	07/29-08/01/05	5210368

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5G280147 **Work Order #...:** HGJ5D-SMP HGJ5D-DUP **Matrix.....:** SOLID

Date Sampled...: 07/28/05 12:55 **Date Received..:** 07/29/05

% Moisture.....: 17

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5G290189-004		
	83.2	82.8	%	0.37	(0-20)	MCAWW 160.3 MOD	07/29-08/01/05	5210368

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5G280147 **Work Order #...:** HGLXC-SMP **Matrix.....:** SOLID
HGLXC-DUP
Date Sampled...: 07/27/05 09:10 **Date Received..:** 07/30/05
% Moisture.....: 21

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5G300102-003		
	79.2	79.1	%	0.073	(0-20)	MCAWW 160.3 MOD	07/30-08/01/05	5213216

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5G280147 **Work Order #...:** HGL3G-SMP **Matrix.....:** SO
HGL3G-DUP
Date Sampled...: 07/29/05 10:15 **Date Received..:** 07/30/05
% Moisture.....: 16

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5G300125-006		
	84.0	86.2	%	2.6	(0-20)	MCAWW 160.3 MOD	07/30-08/01/05	5213216

Dilution Factor: 1

END OF REPORT

Table of Contents

Return to Navigator

SEVERN TRENT STL

STL North Canton
4101 Shuffel Drive NW
North Canton, OH 44720

Tel: 330 497 9396 Fax: 330 497 0772
www.stl-inc.com

ANALYTICAL REPORT

PROJECT NO. 17075-30-02

GMPT SMCO SSOW# E131002
SDG #: 5H03260

Paul Wiseman (PM)

Conestoga Rovers & Assoc., Inc
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

SEVERN TRENT LABORATORIES, INC.

Denise D. Heckler
Project Manager

August 23, 2005

CASE NARRATIVE

CASE NARRATIVE

5H03260

The following report contains the analytical results for twenty-one solid samples submitted to STL North Canton by Conestoga-Rovers & Associates, Inc. from the GMPT SMCO SSOW# E131002 Site, project number 17075-30-02. The samples were received August 03, 2005, August 04, 2005 and August 05, 2005, according to documented sample acceptance procedures.

This SDG consists of laboratory lot ID's: A5H030260, A5H040181, and A5H050162.

STL utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

STL North Canton attests to the validity of the laboratory data generated by STL facilities reported herein. All analyses performed by STL facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. STL's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by a dry weight adjustment footnote at the bottom of the analytical report page. The list of parameters which are never reported on a dry weight basis is included on the Sample Summary.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

If you have any questions, please call the Project Manager, Denise D. Heckler, at 734-205-2535.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 1.7, 4.3, and 3.6°C.

POLYCHLORINATED BIPHENYLS-8082

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

The matrix spike/matrix spike duplicate(s) for S-080305-JY-206 and S-080405-JY-410 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

For sample S-080405-JY-414 the recovery for one surrogate compound is outside acceptance criteria. Since the method criterion is that one of two surrogate compounds must meet acceptance criteria, no corrective action was required.

GENERAL CHEMISTRY

The analytical results met the requirements of the laboratory's QA/QC program.

QUALITY CONTROL ELEMENTS OF SW-846 METHODS

STL North Canton conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. STL North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples. These QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. The only exception is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed below.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals
Methylene chloride	Phthalate Esters	Copper
Acetone		Iron
2-Butanone		Zinc
		Lead*

- *for analyses run on TJA Trace ICP, ICPMS or GFAA only*

QUALITY CONTROL ELEMENTS OF SW-846 METHODS
(Continued)

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable. The acceptance criteria do not apply to samples that are diluted for organics if the native sample amount is 4x the concentration of the spike.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepped and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepped and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide, PCB, and PAH methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria.

STL North Canton Certifications and Approvals:

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225), Illinois (#200004), Kansas (#E10336), Massachusetts (#M-OH048), Maryland (#272), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), North Carolina (#39702), Ohio (#6090), OhioVAP (#CL0024), Rhode Island (#237), South Carolina (#92007001, #92007002, #92007003), Tennessee (#02903), Utah (#QUAN9), Virginia (#00011), West Virginia (#210), Wisconsin (#999518190),NAVY, ARMY, USDA Soil Permit, ACIL Seal of Excellence – Participating Lab Status Award (#82)

Y:\Barb\STL headers\Qc846-Narrative_060204.doc, Revised06/02/04 DJL

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

5H03260 : A5H030260

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-080205-JY-308 08/02/05 14:20 001				
Aroclor 1248	380	38	ug/kg	SW846 8082
Aroclor 1260	40	38	ug/kg	SW846 8082
Percent Solids	86.5	10.0	%	MCAWW 160.3 MOD
S-080205-JY-309 08/02/05 14:20 002				
Aroclor 1248	440	38	ug/kg	SW846 8082
Aroclor 1260	35 J	38	ug/kg	SW846 8082
Percent Solids	85.9	10.0	%	MCAWW 160.3 MOD
S-080205-JY-310 08/02/05 14:20 003				
Aroclor 1248	96	38	ug/kg	SW846 8082
Aroclor 1260	24 J	38	ug/kg	SW846 8082
Percent Solids	86.0	10.0	%	MCAWW 160.3 MOD
S-080205-JY-311 08/02/05 14:20 004				
Aroclor 1248	740	42	ug/kg	SW846 8082
Aroclor 1260	62	42	ug/kg	SW846 8082
Percent Solids	77.9	10.0	%	MCAWW 160.3 MOD
S-080205-JY-312 08/02/05 14:20 005				
Aroclor 1248	99	38	ug/kg	SW846 8082
Aroclor 1260	10 J	38	ug/kg	SW846 8082
Percent Solids	85.8	10.0	%	MCAWW 160.3 MOD
S-080205-JY-313 08/02/05 14:20 006				
Aroclor 1248	920	74	ug/kg	SW846 8082
Aroclor 1260	98	74	ug/kg	SW846 8082
Percent Solids	89.6	10.0	%	MCAWW 160.3 MOD
S-080205-JY-314 08/02/05 14:20 007				
Aroclor 1248	580	81	ug/kg	SW846 8082
Aroclor 1260	58 J	81	ug/kg	SW846 8082
Percent Solids	81.4	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

5H03260 : A5H030260

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-080205-JY-315 08/02/05 14:20 008				
Aroclor 1248	5300	450	ug/kg	SW846 8082
Aroclor 1260	530	450	ug/kg	SW846 8082
Percent Solids	72.7	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

5H03260 : A5H040181

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-080305-JY-206 08/03/05 08:32 001				
Aroclor 1260	2000	190	ug/kg	SW846 8082
Percent Solids	85.6	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

5H03260 : A5H050162

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-080405-JY-410 08/04/05 14:25 001				
Aroclor 1248	6000	840	ug/kg	SW846 8082
Aroclor 1260	1600	840	ug/kg	SW846 8082
Percent Solids	78.7	10.0	%	MCAWW 160.3 MOD
S-080405-JY-411 08/04/05 14:25 002				
Aroclor 1248	2300	190	ug/kg	SW846 8082
Aroclor 1260	840	190	ug/kg	SW846 8082
Percent Solids	85.6	10.0	%	MCAWW 160.3 MOD
S-080405-JY-412 08/04/05 14:25 003				
Aroclor 1260	17000	1700	ug/kg	SW846 8082
Percent Solids	94.7	10.0	%	MCAWW 160.3 MOD
S-080405-JY-413 08/04/05 14:25 004				
Aroclor 1254	11000	8100	ug/kg	SW846 8082
Percent Solids	81.4	10.0	%	MCAWW 160.3 MOD
S-080405-JY-414 08/04/05 14:25 005				
Aroclor 1248	290	43	ug/kg	SW846 8082
Aroclor 1260	190	43	ug/kg	SW846 8082
Percent Solids	76.3	10.0	%	MCAWW 160.3 MOD
S-080405-JY-415 08/04/05 14:25 006				
Aroclor 1248	360	73	ug/kg	SW846 8082
Aroclor 1260	46 J	73	ug/kg	SW846 8082
Percent Solids	90.8	10.0	%	MCAWW 160.3 MOD
S-080405-JY-416 08/04/05 14:25 007				
Aroclor 1248	3100	400	ug/kg	SW846 8082
Aroclor 1260	4800	400	ug/kg	SW846 8082
Percent Solids	83.3	10.0	%	MCAWW 160.3 MOD
S-080405-JY-417 08/04/05 14:25 008				
Aroclor 1248	3500	780	ug/kg	SW846 8082
Aroclor 1260	11000	780	ug/kg	SW846 8082
Percent Solids	85.0	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

5H03260 : A5H050162

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-080405-JY-418 08/04/05 14:25 009				
Aroclor 1248	2400	860	ug/kg	SW846 8082
Aroclor 1260	7800	860	ug/kg	SW846 8082
Percent Solids	76.9	10.0	%	MCAWW 160.3 MOD
S-080405-JY-419 08/04/05 14:25 010				
Aroclor 1248	18000	7400	ug/kg	SW846 8082
Aroclor 1260	71000	7400	ug/kg	SW846 8082
Percent Solids	88.7	10.0	%	MCAWW 160.3 MOD
S-080405-JY-420 08/04/05 14:25 011				
Aroclor 1248	2300	390	ug/kg	SW846 8082
Aroclor 1260	7000	390	ug/kg	SW846 8082
Percent Solids	83.7	10.0	%	MCAWW 160.3 MOD
S-080405-JY-421 08/04/05 14:25 012				
Aroclor 1248	14000	3800	ug/kg	SW846 8082
Aroclor 1260	61000	3800	ug/kg	SW846 8082
Percent Solids	86.6	10.0	%	MCAWW 160.3 MOD

METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

5H03260

PARAMETER	ANALYTICAL METHOD
PCBs by SW-846 8082	SW846 8082
Total Residue as Percent Solids	MCAWW 160.3 MOD

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

SAMPLE SUMMARY

5H03260 : A5H030260

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HGT87	001	S-080205-JY-308	08/02/05	14:20
HGT9F	002	S-080205-JY-309	08/02/05	14:20
HGT9H	003	S-080205-JY-310	08/02/05	14:20
HGT9J	004	S-080205-JY-311	08/02/05	14:20
HGT9K	005	S-080205-JY-312	08/02/05	14:20
HGT9L	006	S-080205-JY-313	08/02/05	14:20
HGT9M	007	S-080205-JY-314	08/02/05	14:20
HGT9N	008	S-080205-JY-315	08/02/05	14:20

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

5H03260 : A5H040181

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HGW8C	001	S-080305-JY-206	08/03/05	08:32

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

5H03260 : A5H050162

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HG2CX	001	S-080405-JY-410	08/04/05	14:25
HG2C2	002	S-080405-JY-411	08/04/05	14:25
HG2C3	003	S-080405-JY-412	08/04/05	14:25
HG2C4	004	S-080405-JY-413	08/04/05	14:25
HG2C6	005	S-080405-JY-414	08/04/05	14:25
HG2C9	006	S-080405-JY-415	08/04/05	14:25
HG2DA	007	S-080405-JY-416	08/04/05	14:25
HG2DC	008	S-080405-JY-417	08/04/05	14:25
HG2DD	009	S-080405-JY-418	08/04/05	14:25
HG2DE	010	S-080405-JY-419	08/04/05	14:25
HG2DG	011	S-080405-JY-420	08/04/05	14:25
HG2DH	012	S-080405-JY-421	08/04/05	14:25

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

SHIPPING AND RECEIVING DOCUMENTS

GM REALM
ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

20

PAGE 1 OF 1

ID # N° 01341

SSOW Ref. Code: E131002

quired Client Information:

mpany: CRA Inc	Report To: Mike Tomko
dress:	Copy To: Paul Wiseman
4496 N. Sheldon Rd	Invoice To: Mike Tomko
200 Plymouth, Mi 48170	
one: 734 453 5123	Project Name: GM PT Smco
x:	Project Number: 17075-30-02
mail:	

Laboratory:	STL
Laboratory Location:	North Canton
Laboratory Contact:	Denise Hechler
Requested Due Date:	"Rush" TAT: 24 Hrs
QA/QC Requirements:	

Analysis and Method

Preservative

mple Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	PCB	Remarks/Lab ID
S-080205--SY-308	SO	8-2-05	1420	1	X						X	"Rush"
309				1	X						X	
310				1	X						X	
311				1	X						X	
312				1	X						X	
313				1	X						X	
314				1	X						X	
315			1450	1	X							
0.												
1.												
2.												
3.												
4.												
5.												
TOTAL NUMBER OF CONTAINERS												

Valid Matrix Codes:
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment
See Back for Additional Codes

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Fed Ex	1		8-2-05	1800	Lisa Hines / STL	8-3-05	9:30 A
AIRBILL NO.	8526 7579 8057						

Sample Condition

Temp in °C	
Received on Ice	Y N
Sealed Cooler	Y N
Samples Intact	Y N

Additional Comments:

Sampler Name: J. L. York

Sampler Signature: Date: 8-2-05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 9 (6/04)

STL North Canton

STL Cooler Receipt Form/Narrative Lot Number: A5H080200
North Canton Facility

Client: CRA Project: GM PT SMCO Quote#: ______
Cooler Received on: 8-3-05 Opened on: 8-3-05 by: Rita Hines (Signature)

Fedx [X] Client Drop Off [ ] UPS [ ] DHL [ ] FAS [ ] Other: ______
STL Cooler No# 241-112 Foam Box [ ] Client Cooler [ ] Other ____

1. Were custody seals on the outside of the cooler? Yes [ ] No [X] Intact? Yes [ ] No [ ] NA [X]
   If YES, Quantity ______
   Were the custody seals signed and dated? Yes [ ] No [ ] NA [X]
2. Shipper's packing slip attached to this form? Yes [X] No [ ] NA [ ]
3. Did custody papers accompany the samples? Yes [X] No [ ] Relinquished by client? Yes [X] No [ ]
4. Did you sign the custody papers in the appropriate place? Yes [X] No [ ]
5. Packing material used: Bubble Wrap [X] Foam [ ] None [ ] Other: ______
6. Cooler temperature upon receipt 1.7 °C (see back of form for multiple coolers/temp)

METHOD: Temp Vial [ ] Coolant & Sample [ ] Against Bottles [ ] IR [X] ICE/H_2O Slurry [ ]
COOLANT: Wet Ice [X] Blue Ice [ ] Dry Ice [ ] Water [ ] None [ ]

7. Did all bottles arrive in good condition (Unbroken)? Yes [X] No [ ]
8. Could all bottle labels and/or tags be reconciled with the COC? Yes [X] No [ ]
9. Were samples at the correct pH? (record below/on back) Yes [ ] No [ ] NA [X]
10. Were correct bottles used for the tests indicated? Yes [X] No [ ]
11. Were air bubbles >6 mm in any VOA vials? Yes [ ] No [ ] NA [X]
12. Sufficient quantity received to perform indicated analyses? Yes [X] No [ ]

Contacted PM ______ Date: ______ by: ______ via Voice Mail [ ] Verbal [ ] Other [ ]
Concerning: ______

√

1. CHAIN OF CUSTODY

The following discrepancies occurred:

______

2. SAMPLE CONDITION

Sample(s) ______ were received after the recommended holding time had expired.
Sample(s) ______ were received in a broken container.

3. SAMPLE PRESERVATION

Sample(s) ______ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot # 051105-HNO3; Sulfuric Acid Lot # 102804-H2SO4; Sodium Hydroxide Lot # -041305 -NaOH; Hydrochloric Acid Lot # 100504-HCl; Sodium Hydroxide and Zinc Acetate Lot # 071604-CH3COO2ZN/NaOH*

Sample(s) ______ were received with bubble > 6 mm in diameter (cc: PM)

4. Other (see below or back)

Client ID	pH	Date	Initials

STL Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp	Method	Coolant

Discrepancies Cont.

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

23

PAGE 1 OF 1

ID # N° 01342

SSOW Ref. Code: E131002

equired Client Information:

ompany: CRA Inc.	Report To: Mike Tomko
ddress: 19496 N. Sheldon Rd Ste 200 Plymouth Mich. 48170	Copy To: Paul Wiseman
	Invoice To: Mike Tomko
	P.O.:
hone: 734 453 5123	Project Name: GMPT Smco
ax:	Project Number: 17025-3002
mail:	

Laboratory:	STL
Laboratory Location:	North Canton
Laboratory Contact:	Denise Heckler
Requested Due Date:	"Rush" TAT: 24 Hr
QA/QC Requirements:	

Valid Matrix Codes:
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment
See Back for Additional Codes

mple Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Analysis and Method: PCB	Remarks/Lab ID
S-080305-JY-206	SO	8-3-05	0832	1	X						X	
TOTAL NUMBER OF CONTAINERS												

HIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Fed. Ex.	1	John York	8-3-05	1800	Keith R. Miller/STL	8-4-05	9:15
RBILL NO. 8526 7579 7278							

Sample Condition

mp in °C	
ceived on Ice	Y / N
led Cooler	Y / N
mples Intact	Y / N

Additional Comments:

Sampler Name: John York

Sampler Signature: John York Date: 8-3-05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

STL North Canton

STL Cooler Receipt Form/Narrative **Lot Number:** A5H040181
North Canton Facility

Client: CRA Project: GMPT SMCO Quote#:
Cooler Received on: 8-4-05 Opened on: 8-4-05 by: Keith R. Miller (Signature)

Fedx ☒ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ Other:
STL Cooler No# Foam Box ☐ Client Cooler ☒ Other

1. Were custody seals on the outside of the cooler? Yes ☐ No ☒ Intact? Yes ☐ No ☐ NA ☒
   If YES, Quantity
   Were the custody seals signed and dated? Yes ☐ No ☐ NA ☒
2. Shipper's packing slip attached to this form? Yes ☒ No ☐ NA ☐
3. Did custody papers accompany the samples? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☐ None ☐ Other :
6. Cooler temperature upon receipt 4.3 °C (see back of form for multiple coolers/temp)

METHOD: Temp Vial ☐ Coolant & Sample ☐ Against Bottles ☐ IR ☒ ICE/H_2O Slurry ☐
COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☒ No ☐
9. Were samples at the correct pH? (record below/on back) Yes ☐ No ☐ NA ☒
10. Were correct bottles used for the tests indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☒
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐

Contacted PM Date: by: via Voice Mail ☐ Verbal ☐ Other ☐
Concerning:

√	
	1. CHAIN OF CUSTODY
	The following discrepancies occurred:
	2. SAMPLE CONDITION
	Sample(s) were received after the recommended holding time had expired.
	Sample(s) were received in a broken container.
	3. SAMPLE PRESERVATION
	Sample(s) were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot # 051105-HNO3; Sulfuric Acid Lot # 102804-H2SO4; Sodium Hydroxide Lot # -041305 -NaOH; Hydrochloric Acid Lot # 100504-HCl; Sodium Hydroxide and Zinc Acetate Lot # 071604-CH3COO2ZN/NaOH*
	Sample(s) were received with bubble > 6 mm in diameter (cc: PM)
	4. Other (see below or back)

Client ID	pH	Date	Initials

STL Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp	Method	Coolant

Discrepancies Cont.

GM REALM
ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

26

PAGE 1 OF 1

ID # N 01343

SSOW Ref. Code: F131002

quired Client Information:

npany: CRA Inc.
dress: 14496 N. Sheldon
Rd 200 Plymouth, MI.
48170
one: 734 453 5123
x:
nail:

Report To: Mike Tomko
Copy To: Paul Wiseman
Invoice To: Mike Tomko
P.O.:
Project Name: GMPT SMCO
Project Number: 17075-30-02

Laboratory: STL
Laboratory Location: North Canton
Laboratory Contact: Denise Hankler
Requested Due Date: "Rush" TAT: 24 Hr
QA/QC Requirements:

Analysis and Method

Preservative

Valid Matrix Codes:
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment
See Back for Additional Codes

mple Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	HCl	H2SO4	HNO3	NaOH	Other	PCB	Remarks/Lab ID
S-080405-SY-410	SO	8-4-05	1425	1	X						X	
-411				1	X						X	
-412				1	X						X	
-413				1	X						X	
-414				1	X						X	
-415				1	X						X	
-416				1	X						X	
-417				1	X						X	
-418				1	X						X	
-419				1	X						X	
-420			ATJ	1	X						X	
-421			ATJ	1	X						X	
TOTAL NUMBER OF CONTAINERS												

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Fed Ex.	1		8-4-05	1800		8/5/05	940
AIRBILL NO. 8526 7579 7289							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: John York
Sampler Signature:
Date: 8-4-05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 01/04/04

STL North Canton

STL Cooler Receipt Form/Narrative **Lot Number:** A0H050102
North Canton Facility

Client: CRA Project: Em-PNC Quote#: ____
Cooler Received on: 8/5/05 Opened on: 8/5/05 by: [signature] (Signature)

Fedx ☒ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ Other: ____
STL Cooler No# 659 Foam Box ☐ Client Cooler ☐ Other ____

1. Were custody seals on the outside of the cooler? Yes ☐ No ☒ Intact? Yes ☐ No ☐ NA ☒
   If YES, Quantity ____
   Were the custody seals signed and dated? Yes ☐ No ☐ NA ☒
2. Shipper's packing slip attached to this form? Yes ☒ No ☐ NA ☐
3. Did custody papers accompany the samples? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☐ None ☐ Other: ____
6. Cooler temperature upon receipt 3.6 °C (see back of form for multiple coolers/temp)

METHOD: Temp Vial ☐ Coolant & Sample ☐ Against Bottles ☐ IR ☒ ICE/H_2O Slurry ☐
COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☒ No ☐
9. Were samples at the correct pH? (record below/on back) Yes ☐ No ☐ NA ☒
10. Were correct bottles used for the tests indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☒
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐

Contacted PM ____ Date: ____ by: ____ via Voice Mail ☐ Verbal ☐ Other ☐
Concerning: ____

√

1. CHAIN OF CUSTODY

The following discrepancies occurred:

2. SAMPLE CONDITION

Sample(s) ____ were received after the recommended holding time had expired.
Sample(s) ____ were received in a broken container.

3. SAMPLE PRESERVATION

Sample(s) ____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot # 051105-HNO3; Sulfuric Acid Lot # 102804-H2SO4; Sodium Hydroxide Lot # -041305 -NaOH; Hydrochloric Acid Lot # 100504-HCl; Sodium Hydroxide and Zinc Acetate Lot # 071604-CH3COO2ZN/NaOH*

Sample(s) ____ were received with bubble > 6 mm in diameter (cc: PM)

4. Other (see below or back)

Client ID	pH	Date	Initials

SOP: NC-SC-0005, Sample Receiving
N:\QAQC\NARRATIV\STL\Cooler Receipt STL\COOLER_STL_Rev19 062205.doc

STL Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp	Method	Coolant

Discrepancies Cont.

POLYCHLORINATED BIPHENYLS DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080205-JY-308

GC Semivolatiles

Lot-Sample #...: A5H030260-001 **Work Order #...:** HGT871AC **Matrix.....:** SO
Date Sampled...: 08/02/05 14:20 **Date Received..:** 08/03/05
Prep Date.....: 08/03/05 **Analysis Date..:** 08/04/05
Prep Batch #...: 5215377
Dilution Factor: 1 **Initial Wgt/Vol:** 30.11 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 13 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	7.7
Aroclor 1221	ND	38	ug/kg	11
Aroclor 1232	ND	38	ug/kg	6.0
Aroclor 1242	ND	38	ug/kg	12
Aroclor 1248	**380**	**38**	**ug/kg**	**5.5**
Aroclor 1254	ND	38	ug/kg	5.0
Aroclor 1260	**40**	**38**	**ug/kg**	**9.2**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	106	(10 - 127)
Decachlorobiphenyl	100	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080205-JY-309

GC Semivolatiles

Lot-Sample #...: A5H030260-002 **Work Order #...:** HGT9F1AC **Matrix.....:** SO
Date Sampled...: 08/02/05 14:20 **Date Received..:** 08/03/05
Prep Date.....: 08/03/05 **Analysis Date..:** 08/04/05
Prep Batch #...: 5215377
Dilution Factor: 1 **Initial Wgt/Vol:** 30.2 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 14 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	7.8
Aroclor 1221	ND	38	ug/kg	12
Aroclor 1232	ND	38	ug/kg	6.1
Aroclor 1242	ND	38	ug/kg	12
Aroclor 1248	**440**	**38**	**ug/kg**	**5.6**
Aroclor 1254	ND	38	ug/kg	5.0
Aroclor 1260	**35 J**	**38**	**ug/kg**	**9.3**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	100	(10 - 127)
Decachlorobiphenyl	101	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080205-JY-310

GC Semivolatiles

Lot-Sample #...: A5H030260-003 **Work Order #...:** HGT9H1AC **Matrix.....:** SO
Date Sampled...: 08/02/05 14:20 **Date Received..:** 08/03/05
Prep Date.....: 08/03/05 **Analysis Date..:** 08/04/05
Prep Batch #...: 5215377
Dilution Factor: 1 **Initial Wgt/Vol:** 30.19 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 14 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	7.8
Aroclor 1221	ND	38	ug/kg	12
Aroclor 1232	ND	38	ug/kg	6.0
Aroclor 1242	ND	38	ug/kg	12
Aroclor 1248	**96**	**38**	**ug/kg**	**5.6**
Aroclor 1254	ND	38	ug/kg	5.0
Aroclor 1260	**24 J**	**38**	**ug/kg**	**9.3**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	96	(10 - 127)
Decachlorobiphenyl	94	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080205-JY-311

GC Semivolatiles

Lot-Sample #...: A5H030260-004 **Work Order #...:** HGT9J1AC **Matrix.....:** SO
Date Sampled...: 08/02/05 14:20 **Date Received..:** 08/03/05
Prep Date.....: 08/03/05 **Analysis Date..:** 08/04/05
Prep Batch #...: 5215377
Dilution Factor: 1 **Initial Wgt/Vol:** 30.02 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 22 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	42	ug/kg	8.6
Aroclor 1221	ND	42	ug/kg	13
Aroclor 1232	ND	42	ug/kg	6.7
Aroclor 1242	ND	42	ug/kg	13
Aroclor 1248	**740**	**42**	**ug/kg**	**6.2**
Aroclor 1254	ND	42	ug/kg	5.5
Aroclor 1260	**62**	**42**	**ug/kg**	**10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	111	(10 - 127)
Decachlorobiphenyl	110	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080205-JY-312

GC Semivolatiles

Lot-Sample #...: A5H030260-005 **Work Order #...:** HGT9K1AC **Matrix.....:** SO
Date Sampled...: 08/02/05 14:20 **Date Received..:** 08/03/05
Prep Date.....: 08/03/05 **Analysis Date..:** 08/04/05
Prep Batch #...: 5215377
Dilution Factor: 1 **Initial Wgt/Vol:** 30.17 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 14 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	7.8
Aroclor 1221	ND	38	ug/kg	12
Aroclor 1232	ND	38	ug/kg	6.1
Aroclor 1242	ND	38	ug/kg	12
Aroclor 1248	**99**	**38**	**ug/kg**	**5.6**
Aroclor 1254	ND	38	ug/kg	5.0
Aroclor 1260	**10 J**	**38**	**ug/kg**	**9.3**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	85	(10 - 127)
Decachlorobiphenyl	82	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080205-JY-313

GC Semivolatiles

Lot-Sample #...: A5H030260-006 **Work Order #...:** HGT9L1AC **Matrix.....:** SO
Date Sampled...: 08/02/05 14:20 **Date Received..:** 08/03/05
Prep Date.....: 08/03/05 **Analysis Date..:** 08/04/05
Prep Batch #...: 5215377
Dilution Factor: 2 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 10 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	74	ug/kg	15
Aroclor 1221	ND	74	ug/kg	22
Aroclor 1232	ND	74	ug/kg	12
Aroclor 1242	ND	74	ug/kg	22
Aroclor 1248	**920**	**74**	**ug/kg**	**11**
Aroclor 1254	ND	74	ug/kg	9.6
Aroclor 1260	**98**	**74**	**ug/kg**	**18**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	103	(10 - 127)
Decachlorobiphenyl	95	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080205-JY-314

GC Semivolatiles

Lot-Sample #...: A5H030260-007 **Work Order #...:** HGT9M1AC **Matrix.....:** SO
Date Sampled...: 08/02/05 14:20 **Date Received..:** 08/03/05
Prep Date.....: 08/03/05 **Analysis Date..:** 08/04/05
Prep Batch #...: 5215377
Dilution Factor: 2 **Initial Wgt/Vol:** 30.2 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 19 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	81	ug/kg	16
Aroclor 1221	ND	81	ug/kg	24
Aroclor 1232	ND	81	ug/kg	13
Aroclor 1242	ND	81	ug/kg	25
Aroclor 1248	**580**	**81**	**ug/kg**	**12**
Aroclor 1254	ND	81	ug/kg	11
Aroclor 1260	**58 J**	**81**	**ug/kg**	**20**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(10 - 127)
Decachlorobiphenyl	103	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080205-JY-315

GC Semivolatiles

Lot-Sample #...: A5H030260-008 **Work Order #...:** HGT9N1AC **Matrix.....:** SO
Date Sampled...: 08/02/05 14:20 **Date Received..:** 08/03/05
Prep Date.....: 08/03/05 **Analysis Date..:** 08/04/05
Prep Batch #...: 5215377
Dilution Factor: 10 **Initial Wgt/Vol:** 30.06 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 27 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	450	ug/kg	92
Aroclor 1221	ND	450	ug/kg	140
Aroclor 1232	ND	450	ug/kg	71
Aroclor 1242	ND	450	ug/kg	140
Aroclor 1248	**5300**	**450**	**ug/kg**	**66**
Aroclor 1254	ND	450	ug/kg	59
Aroclor 1260	**530**	**450**	**ug/kg**	**110**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	112 DIL	(10 - 127)
Decachlorobiphenyl	111 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080305-JY-206

GC Semivolatiles

Lot-Sample #...: A5H040181-001 **Work Order #...:** HGW8C2AC **Matrix.....:** SO
Date Sampled...: 08/03/05 08:32 **Date Received..:** 08/04/05
Prep Date.....: 08/06/05 **Analysis Date..:** 08/08/05
Prep Batch #...: 5218020
Dilution Factor: 5 **Initial Wgt/Vol:** 30.16 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 14 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	190	ug/kg	39
Aroclor 1221	ND	190	ug/kg	58
Aroclor 1232	ND	190	ug/kg	30
Aroclor 1242	ND	190	ug/kg	58
Aroclor 1248	ND	190	ug/kg	28
Aroclor 1254	ND	190	ug/kg	25
Aroclor 1260	**2000**	**190**	**ug/kg**	**47**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	103 DIL	(10 - 127)
Decachlorobiphenyl	115 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080405-JY-410

GC Semivolatiles

Lot-Sample #...: A5H050162-001 **Work Order #...:** HG2CX1AC **Matrix.....:** SO
Date Sampled...: 08/04/05 14:25 **Date Received..:** 08/05/05
Prep Date.....: 08/05/05 **Analysis Date..:** 08/08/05
Prep Batch #...: 5217229
Dilution Factor: 20 **Initial Wgt/Vol:** 30.2 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 21 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	840	ug/kg	170
Aroclor 1221	ND	840	ug/kg	250
Aroclor 1232	ND	840	ug/kg	130
Aroclor 1242	ND	840	ug/kg	250
Aroclor 1248	**6000**	**840**	**ug/kg**	**120**
Aroclor 1254	ND	840	ug/kg	110
Aroclor 1260	**1600**	**840**	**ug/kg**	**200**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	77 DIL	(10 - 127)
Decachlorobiphenyl	107 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080405-JY-411

GC Semivolatiles

Lot-Sample #...: A5H050162-002 **Work Order #...:** HG2C21AC **Matrix.....:** SO
Date Sampled...: 08/04/05 14:25 **Date Received..:** 08/05/05
Prep Date.....: 08/05/05 **Analysis Date..:** 08/08/05
Prep Batch #...: 5217229
Dilution Factor: 5 **Initial Wgt/Vol:** 30.11 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 14 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	190	ug/kg	39
Aroclor 1221	ND	190	ug/kg	58
Aroclor 1232	ND	190	ug/kg	30
Aroclor 1242	ND	190	ug/kg	58
Aroclor 1248	**2300**	**190**	**ug/kg**	**28**
Aroclor 1254	ND	190	ug/kg	25
Aroclor 1260	**840**	**190**	**ug/kg**	**47**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	46 DIL	(10 - 127)
Decachlorobiphenyl	49 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080405-JY-412

GC Semivolatiles

Lot-Sample #...: A5H050162-003 **Work Order #...:** HG2C31AC **Matrix.....:** SO
Date Sampled...: 08/04/05 14:25 **Date Received..:** 08/05/05
Prep Date.....: 08/05/05 **Analysis Date..:** 08/08/05
Prep Batch #...: 5217229
Dilution Factor: 50 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 5.3 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1700	ug/kg	350
Aroclor 1221	ND	1700	ug/kg	520
Aroclor 1232	ND	1700	ug/kg	270
Aroclor 1242	ND	1700	ug/kg	530
Aroclor 1248	ND	1700	ug/kg	250
Aroclor 1254	ND	1700	ug/kg	230
Aroclor 1260	**17000**	**1700**	**ug/kg**	**420**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	59 DIL	(10 - 127)
Decachlorobiphenyl	66 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080405-JY-413

GC Semivolatiles

Lot-Sample #...: A5H050162-004 **Work Order #...:** HG2C41AC **Matrix.....:** SO
Date Sampled...: 08/04/05 14:25 **Date Received..:** 08/05/05
Prep Date.....: 08/06/05 **Analysis Date..:** 08/08/05
Prep Batch #...: 5218020
Dilution Factor: 200 **Initial Wgt/Vol:** 30.07 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 19 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	8100	ug/kg	1600
Aroclor 1221	ND	8100	ug/kg	2400
Aroclor 1232	ND	8100	ug/kg	1300
Aroclor 1242	ND	8100	ug/kg	2500
Aroclor 1248	ND	8100	ug/kg	1200
Aroclor 1254	**11000**	**8100**	**ug/kg**	**1100**
Aroclor 1260	ND	8100	ug/kg	2000

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	172 DIL,*	(10 - 127)
Decachlorobiphenyl	89 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080405-JY-414

GC Semivolatiles

Lot-Sample #...: A5H050162-005 **Work Order #...:** HG2C61AC **Matrix.....:** SO
Date Sampled...: 08/04/05 14:25 **Date Received..:** 08/05/05
Prep Date.....: 08/05/05 **Analysis Date..:** 08/08/05
Prep Batch #...: 5217229
Dilution Factor: 1 **Initial Wgt/Vol:** 30.07 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 24 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	43	ug/kg	8.8
Aroclor 1221	ND	43	ug/kg	13
Aroclor 1232	ND	43	ug/kg	6.8
Aroclor 1242	ND	43	ug/kg	13
Aroclor 1248	**290**	**43**	**ug/kg**	**6.3**
Aroclor 1254	ND	43	ug/kg	5.6
Aroclor 1260	**190**	**43**	**ug/kg**	**10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	10	(10 - 127)
Decachlorobiphenyl	13 *	(40 - 138)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080405-JY-415

GC Semivolatiles

Lot-Sample #...: A5H050162-006 **Work Order #...:** HG2C91AC **Matrix.....:** SO
Date Sampled...: 08/04/05 14:25 **Date Received..:** 08/05/05
Prep Date.....: 08/05/05 **Analysis Date..:** 08/08/05
Prep Batch #...: 5217229
Dilution Factor: 2 **Initial Wgt/Vol:** 30.15 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 9.2 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	73	ug/kg	15
Aroclor 1221	ND	73	ug/kg	22
Aroclor 1232	ND	73	ug/kg	11
Aroclor 1242	ND	73	ug/kg	22
Aroclor 1248	**360**	**73**	**ug/kg**	**11**
Aroclor 1254	ND	73	ug/kg	9.5
Aroclor 1260	**46 J**	**73**	**ug/kg**	**18**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	46	(10 - 127)
Decachlorobiphenyl	49	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080405-JY-416

GC Semivolatiles

Lot-Sample #...: A5H050162-007 **Work Order #...:** HG2DA1AC **Matrix.....:** SO
Date Sampled...: 08/04/05 14:25 **Date Received..:** 08/05/05
Prep Date.....: 08/05/05 **Analysis Date..:** 08/08/05
Prep Batch #...: 5217229
Dilution Factor: 10 **Initial Wgt/Vol:** 30.11 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 17 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	400	ug/kg	80
Aroclor 1221	ND	400	ug/kg	120
Aroclor 1232	ND	400	ug/kg	62
Aroclor 1242	ND	400	ug/kg	120
Aroclor 1248	**3100**	**400**	**ug/kg**	**58**
Aroclor 1254	ND	400	ug/kg	52
Aroclor 1260	**4800**	**400**	**ug/kg**	**96**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	47 DIL	(10 - 127)
Decachlorobiphenyl	45 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080405-JY-417

GC Semivolatiles

Lot-Sample #...: A5H050162-008 **Work Order #...:** HG2DC1AC **Matrix.....:** SO
Date Sampled...: 08/04/05 14:25 **Date Received..:** 08/05/05
Prep Date.....: 08/05/05 **Analysis Date..:** 08/08/05
Prep Batch #...: 5217229
Dilution Factor: 20 **Initial Wgt/Vol:** 30 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	780	ug/kg	160
Aroclor 1221	ND	780	ug/kg	230
Aroclor 1232	ND	780	ug/kg	120
Aroclor 1242	ND	780	ug/kg	240
Aroclor 1248	**3500**	**780**	**ug/kg**	**110**
Aroclor 1254	ND	780	ug/kg	100
Aroclor 1260	**11000**	**780**	**ug/kg**	**190**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	49 DIL	(10 - 127)
Decachlorobiphenyl	66 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080405-JY-418

GC Semivolatiles

Lot-Sample #...: A5H050162-009 **Work Order #...:** HG2DD1AC **Matrix.....:** SO
Date Sampled...: 08/04/05 14:25 **Date Received..:** 08/05/05
Prep Date.....: 08/05/05 **Analysis Date..:** 08/08/05
Prep Batch #...: 5217229
Dilution Factor: 20 **Initial Wgt/Vol:** 30.16 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 23 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	860	ug/kg	170
Aroclor 1221	ND	860	ug/kg	260
Aroclor 1232	ND	860	ug/kg	140
Aroclor 1242	ND	860	ug/kg	260
Aroclor 1248	**2400**	**860**	**ug/kg**	**120**
Aroclor 1254	ND	860	ug/kg	110
Aroclor 1260	**7800**	**860**	**ug/kg**	**210**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	42 DIL	(10 - 127)
Decachlorobiphenyl	55 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080405-JY-419

GC Semivolatiles

Lot-Sample #...: A5H050162-010 **Work Order #...:** HG2DE1AC **Matrix.....:** SO
Date Sampled...: 08/04/05 14:25 **Date Received..:** 08/05/05
Prep Date.....: 08/05/05 **Analysis Date..:** 08/08/05
Prep Batch #...: 5217229
Dilution Factor: 200 **Initial Wgt/Vol:** 30.01 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	7400	ug/kg	1500
Aroclor 1221	ND	7400	ug/kg	2200
Aroclor 1232	ND	7400	ug/kg	1200
Aroclor 1242	ND	7400	ug/kg	2300
Aroclor 1248	**18000**	**7400**	**ug/kg**	**1100**
Aroclor 1254	ND	7400	ug/kg	970
Aroclor 1260	**71000**	**7400**	**ug/kg**	**1800**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	109 DIL	(10 - 127)
Decachlorobiphenyl	229 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080405-JY-420

GC Semivolatiles

Lot-Sample #...: A5H050162-011 **Work Order #...:** HG2DG1AC **Matrix.....:** SO
Date Sampled...: 08/04/05 14:25 **Date Received..:** 08/05/05
Prep Date.....: 08/05/05 **Analysis Date..:** 08/08/05
Prep Batch #...: 5217229
Dilution Factor: 10 **Initial Wgt/Vol:** 30.2 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 16 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	390	ug/kg	80
Aroclor 1221	ND	390	ug/kg	120
Aroclor 1232	ND	390	ug/kg	62
Aroclor 1242	ND	390	ug/kg	120
Aroclor 1248	**2300**	**390**	**ug/kg**	**57**
Aroclor 1254	ND	390	ug/kg	51
Aroclor 1260	**7000**	**390**	**ug/kg**	**96**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	81 DIL	(10 - 127)
Decachlorobiphenyl	93 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080405-JY-421

GC Semivolatiles

Lot-Sample #...: A5H050162-012 **Work Order #...:** HG2DH1AC **Matrix.....:** SO
Date Sampled...: 08/04/05 14:25 **Date Received..:** 08/05/05
Prep Date.....: 08/05/05 **Analysis Date..:** 08/08/05
Prep Batch #...: 5217229
Dilution Factor: 100 **Initial Wgt/Vol:** 30.11 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 13 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	3800	ug/kg	770
Aroclor 1221	ND	3800	ug/kg	1100
Aroclor 1232	ND	3800	ug/kg	600
Aroclor 1242	ND	3800	ug/kg	1200
Aroclor 1248	**14000**	**3800**	**ug/kg**	**550**
Aroclor 1254	ND	3800	ug/kg	500
Aroclor 1260	**61000**	**3800**	**ug/kg**	**920**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	70 DIL	(10 - 127)
Decachlorobiphenyl	134 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 5H03260 **Work Order #...:** HGVDW1AA **Matrix.....:** SOLID
MB Lot-Sample #: A5H030000-377

Prep Date.....: 08/03/05 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 08/04/05 **Prep Batch #...:** 5215377
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	117	(10 - 127)
Decachlorobiphenyl	115	(40 - 138)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 5H03260 **Work Order #...:** HG2E91AA **Matrix.....:** SOLID
MB Lot-Sample #: A5H050000-229

Prep Date.....: 08/05/05 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 08/08/05 **Prep Batch #...:** 5217229
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	35	(10 - 127)
Decachlorobiphenyl	39 *	(40 - 138)

NOTE(S):

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

* Surrogate recovery is outside stated control limits.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 5H03260 **Work Order #...:** HG4A51AA **Matrix.....:** SOLID
MB Lot-Sample #: A5H060000-020

Prep Date.....: 08/06/05 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 08/08/05 **Prep Batch #...:** 5218020
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	76	(10 - 127)
Decachlorobiphenyl	62	(40 - 138)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5H03260 **Work Order #...:** HGVDW1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5H030000-377
Prep Date.....: 08/03/05 **Analysis Date..:** 08/04/05
Prep Batch #...: 5215377
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**240**	**ug/kg**	**71**	**SW846 8082**
Aroclor 1260	**330**	**290**	**ug/kg**	**88**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	85	(10 - 127)
Decachlorobiphenyl	93	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5H03260 **Work Order #...:** HGVDW1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5H030000-377
Prep Date.....: 08/03/05 **Analysis Date..:** 08/04/05
Prep Batch #...: 5215377
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**71**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**88**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	85	(10 - 127)
Decachlorobiphenyl	93	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5H03260 **Work Order #...:** HG2E91AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5H050000-229
Prep Date.....: 08/05/05 **Analysis Date..:** 08/08/05
Prep Batch #...: 5217229
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**280**	**ug/kg**	**83**	**SW846 8082**
Aroclor 1260	**330**	**300**	**ug/kg**	**91**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	86	(10 - 127)
Decachlorobiphenyl	84	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5H03260 **Work Order #...:** HG2E91AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5H050000-229
Prep Date.....: 08/05/05 **Analysis Date..:** 08/08/05
Prep Batch #...: 5217229
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**83**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**91**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	86	(10 - 127)
Decachlorobiphenyl	84	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5H03260 **Work Order #...:** HG4A51AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5H060000-020
Prep Date.....: 08/06/05 **Analysis Date..:** 08/08/05
Prep Batch #...: 5218020
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**280**	**ug/kg**	**83**	**SW846 8082**
Aroclor 1260	**330**	**270**	**ug/kg**	**81**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	88	(10 - 127)
Decachlorobiphenyl	79	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5H03260 **Work Order #...:** HG4A51AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5H060000-020
Prep Date.....: 08/06/05 **Analysis Date..:** 08/08/05
Prep Batch #...: 5218020
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**83**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**81**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	88	(10 - 127)
Decachlorobiphenyl	79	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5H03260 **Work Order #...:** HGT871AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5H030260-001 HGT871AE-MSD
Date Sampled...: 08/02/05 14:20 **Date Received..:** 08/03/05
Prep Date.....: 08/03/05 **Analysis Date..:** 08/04/05
Prep Batch #...: 5215377
Dilution Factor: 1 **Initial Wgt/Vol:** 26.4 g **Final Wgt/Vol..:** 10 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**440**	**580**	**ug/kg**	**133**		**SW846 8082**
	ND	**440**	**550**	**ug/kg**	**127**	**4.7**	**SW846 8082**
Aroclor 1260	**40**	**440**	**470**	**ug/kg**	**98**		**SW846 8082**
	40	**440**	**450**	**ug/kg**	**93**	**5.0**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	103	(10 - 127)
	102	(10 - 127)
Decachlorobiphenyl	105	(40 - 138)
	102	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5H03260 **Work Order #...:** HGT871AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5H030260-001 HGT871AE-MSD
Date Sampled...: 08/02/05 14:20 **Date Received..:** 08/03/05
Prep Date.....: 08/03/05 **Analysis Date..:** 08/04/05
Prep Batch #...: 5215377
Dilution Factor: 1 **Initial Wgt/Vol:** 26.4 g **Final Wgt/Vol..:** 10 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**133**	**(10 - 200)**			**SW846 8082**
	127	**(10 - 200)**	**4.7**	**(0-30)**	**SW846 8082**
Aroclor 1260	**98**	**(10 - 200)**			**SW846 8082**
	93	**(10 - 200)**	**5.0**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	103	(10 - 127)
	102	(10 - 127)
Decachlorobiphenyl	105	(40 - 138)
	102	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5H03260 **Work Order #...:** HG2CX1AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5H050162-001 HG2CX1AE-MSD
Date Sampled...: 08/04/05 14:25 **Date Received..:** 08/05/05
Prep Date.....: 08/05/05 **Analysis Date..:** 08/08/05
Prep Batch #...: 5217229
Dilution Factor: 20 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 10 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**420**	**3600**	**ug/kg**	**856**		**SW846 8082**
	Qualifiers:		DIL,a				
	ND	**420**	**7400**	**ug/kg**	**1750**	**69**	**SW846 8082**
	Qualifiers:		DIL,a,p				
Aroclor 1260	**1600**	**420**	**1500**	**ug/kg**	**0.0**		**SW846 8082**
	Qualifiers:		DIL,a				
	1600	**420**	**4600**	**ug/kg**	**703**	**0.0**	**SW846 8082**
	Qualifiers:		DIL,a				

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	53 DIL	(10 - 127)
	83 DIL	(10 - 127)
Decachlorobiphenyl	49 DIL	(40 - 138)
	106 DIL	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5H03260 **Work Order #...:** HG2CX1AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5H050162-001 HG2CX1AE-MSD
Date Sampled...: 08/04/05 14:25 **Date Received..:** 08/05/05
Prep Date.....: 08/05/05 **Analysis Date..:** 08/08/05
Prep Batch #...: 5217229
Dilution Factor: 20 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 10 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**856 DIL,a**	**(10 - 200)**			**SW846 8082**
	1750	**(10 - 200)**	**69**	**(0-30)**	**SW846 8082**
	Qualifiers: DIL,a,p				
Aroclor 1260	**0.0 DIL,a**	**(10 - 200)**			**SW846 8082**
	703 DIL,a	**(10 - 200)**	**0.0**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	53 DIL	(10 - 127)
	83 DIL	(10 - 127)
Decachlorobiphenyl	49 DIL	(40 - 138)
	106 DIL	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5H03260 **Work Order #...:** HGW8C1AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5H040181-001 HGW8C1AE-MSD
Date Sampled...: 08/03/05 08:32 **Date Received..:** 08/04/05
Prep Date.....: 08/06/05 **Analysis Date..:** 08/08/05
Prep Batch #...: 5218020
Dilution Factor: 5 **Initial Wgt/Vol:** 30.09 g **Final Wgt/Vol..:** 10 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**390**	**360**	**ug/kg**	**92 DIL**		**SW846 8082**
	ND	**390**	**380**	**ug/kg**	**97 DIL**	**5.4**	**SW846 8082**
Aroclor 1260	**2000**	**390**	**1400**	**ug/kg**	**0.0**		**SW846 8082**
	Qualifiers: DIL,a						
	2000	**390**	**1800**	**ug/kg**	**0.0**	**0.0**	**SW846 8082**
	Qualifiers: DIL,a						

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	97 DIL	(10 - 127)
	94 DIL	(10 - 127)
Decachlorobiphenyl	131 DIL	(40 - 138)
	120 DIL	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5H03260 **Work Order #...:** HGW8C1AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5H040181-001 HGW8C1AE-MSD
Date Sampled...: 08/03/05 08:32 **Date Received..:** 08/04/05
Prep Date.....: 08/06/05 **Analysis Date..:** 08/08/05
Prep Batch #...: 5218020
Dilution Factor: 5 **Initial Wgt/Vol:** 30.09 g **Final Wgt/Vol..:** 10 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**92 DIL**	**(10 - 200)**			**SW846 8082**
	97 DIL	**(10 - 200)**	**5.4**	**(0-30)**	**SW846 8082**
Aroclor 1260	**0.0 DIL,a**	**(10 - 200)**			**SW846 8082**
	0.0 DIL,a	**(10 - 200)**	**0.0**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	97 DIL	(10 - 127)
	94 DIL	(10 - 127)
Decachlorobiphenyl	131 DIL	(40 - 138)
	120 DIL	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

GENERAL CHEMISTRY DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080205-JY-308

General Chemistry

Lot-Sample #...: A5H030260-001 **Work Order #...:** HGT87 **Matrix.....:** SO
Date Sampled...: 08/02/05 14:20 **Date Received..:** 08/03/05
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**86.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/03-08/04/05**	**5215439**

Dilution Factor: 1 MDL.....: 5.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080205-JY-309

General Chemistry

Lot-Sample #...: A5H030260-002 **Work Order #...:** HGT9F **Matrix.....:** SO
Date Sampled...: 08/02/05 14:20 **Date Received..:** 08/03/05
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**85.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/03-08/04/05**	**5215439**

Dilution Factor: 1 MDL.....: 5.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080205-JY-310

General Chemistry

Lot-Sample #...: A5H030260-003 **Work Order #...:** HGT9H **Matrix.....:** SO
Date Sampled...: 08/02/05 14:20 **Date Received..:** 08/03/05
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**86.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/03-08/04/05**	**5215439**

Dilution Factor: 1 MDL.....: 5.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080205-JY-311

General Chemistry

Lot-Sample #...: A5H030260-004 **Work Order #...:** HGT9J **Matrix.....:** SO
Date Sampled...: 08/02/05 14:20 **Date Received..:** 08/03/05
% Moisture.....: 22

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**77.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/03-08/04/05**	**5215439**

Dilution Factor: 1 MDL.....: 5.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080205-JY-312

General Chemistry

Lot-Sample #...: A5H030260-005 **Work Order #...:** HGT9K **Matrix.....:** SO
Date Sampled...: 08/02/05 14:20 **Date Received..:** 08/03/05
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**85.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/03-08/04/05**	**5215439**

Dilution Factor: 1 MDL.....: 5.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080205-JY-313

General Chemistry

Lot-Sample #...: A5H030260-006 **Work Order #...:** HGT9L **Matrix.....:** SO
Date Sampled...: 08/02/05 14:20 **Date Received..:** 08/03/05
% Moisture.....: 10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**89.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/03-08/04/05**	**5215439**

Dilution Factor: 1 MDL.....: 5.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080205-JY-314

General Chemistry

Lot-Sample #...: A5H030260-007 **Work Order #...:** HGT9M **Matrix.....:** SO
Date Sampled...: 08/02/05 14:20 **Date Received..:** 08/03/05
% Moisture.....: 19

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**81.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/03-08/04/05**	**5215439**

Dilution Factor: 1 MDL.....: 5.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080205-JY-315

General Chemistry

Lot-Sample #...: A5H030260-008 **Work Order #...:** HGT9N **Matrix.....:** SO
Date Sampled...: 08/02/05 14:20 **Date Received..:** 08/03/05
% Moisture.....: 27

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**72.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/03-08/04/05**	**5215439**

Dilution Factor: 1 MDL.....: 5.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080305-JY-206

General Chemistry

Lot-Sample #...: A5H040181-001 **Work Order #...:** HGW8C **Matrix.....:** SO
Date Sampled...: 08/03/05 08:32 **Date Received..:** 08/04/05
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**85.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/04-08/05/05**	**5216400**

Dilution Factor: 1 MDL.....: 5.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080405-JY-410

General Chemistry

Lot-Sample #...: A5H050162-001 **Work Order #...:** HG2CX **Matrix.....:** SO
Date Sampled...: 08/04/05 14:25 **Date Received..:** 08/05/05
% Moisture.....: 21

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**78.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/05-08/08/05**	**5217439**

Dilution Factor: 1 MDL.....: 5.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080405-JY-411

General Chemistry

Lot-Sample #...: A5H050162-002 **Work Order #...:** HG2C2 **Matrix.....:** SO
Date Sampled...: 08/04/05 14:25 **Date Received..:** 08/05/05
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**85.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/05-08/08/05**	**5217439**

Dilution Factor: 1 MDL.....: 5.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080405-JY-412

General Chemistry

Lot-Sample #...: A5H050162-003 **Work Order #...:** HG2C3 **Matrix.....:** SO
Date Sampled...: 08/04/05 14:25 **Date Received..:** 08/05/05
% Moisture.....: 5.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**94.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/05-08/08/05**	**5217439**

Dilution Factor: 1 MDL.....: 5.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080405-JY-413

General Chemistry

Lot-Sample #...: A5H050162-004 **Work Order #...:** HG2C4 **Matrix.....:** SO
Date Sampled...: 08/04/05 14:25 **Date Received..:** 08/05/05
% Moisture.....: 19

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**81.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/05-08/08/05**	**5217439**

Dilution Factor: 1 MDL.....: 5.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080405-JY-414

General Chemistry

Lot-Sample #...: A5H050162-005 **Work Order #...:** HG2C6 **Matrix.....:** SO
Date Sampled...: 08/04/05 14:25 **Date Received..:** 08/05/05
% Moisture.....: 24

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**76.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/05-08/08/05**	**5217439**

Dilution Factor: 1 MDL.....: 5.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080405-JY-415

General Chemistry

Lot-Sample #...: A5H050162-006 **Work Order #...:** HG2C9 **Matrix.....:** SO
Date Sampled...: 08/04/05 14:25 **Date Received..:** 08/05/05
% Moisture.....: 9.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/05-08/08/05**	**5217439**

Dilution Factor: 1 MDL.....: 5.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080405-JY-416

General Chemistry

Lot-Sample #...: A5H050162-007 **Work Order #...:** HG2DA **Matrix.....:** SO
Date Sampled...: 08/04/05 14:25 **Date Received..:** 08/05/05
% Moisture.....: 17

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**83.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/05-08/08/05**	**5217439**

Dilution Factor: 1 MDL.....: 5.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080405-JY-417

General Chemistry

Lot-Sample #...: A5H050162-008 **Work Order #...:** HG2DC **Matrix.....:** SO
Date Sampled...: 08/04/05 14:25 **Date Received..:** 08/05/05
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**85.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/05-08/08/05**	**5217439**

Dilution Factor: 1 MDL.....: 5.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080405-JY-418

General Chemistry

Lot-Sample #...: A5H050162-009 **Work Order #...:** HG2DD **Matrix.....:** SO
Date Sampled...: 08/04/05 14:25 **Date Received..:** 08/05/05
% Moisture.....: 23

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**76.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/05-08/08/05**	**5217439**

Dilution Factor: 1 MDL.....: 5.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080405-JY-419

General Chemistry

Lot-Sample #...: A5H050162-010 **Work Order #...:** HG2DE **Matrix.....:** SO
Date Sampled...: 08/04/05 14:25 **Date Received..:** 08/05/05
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**88.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/05-08/08/05**	**5217439**

Dilution Factor: 1 MDL.....: 5.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080405-JY-420

General Chemistry

Lot-Sample #...: A5H050162-011 **Work Order #...:** HG2DG **Matrix.....:** SO
Date Sampled...: 08/04/05 14:25 **Date Received..:** 08/05/05
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**83.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/05-08/08/05**	**5217439**

Dilution Factor: 1 MDL.....: 5.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080405-JY-421

General Chemistry

Lot-Sample #...: A5H050162-012 **Work Order #...:** HG2DH **Matrix.....:** SO
Date Sampled...: 08/04/05 14:25 **Date Received..:** 08/05/05
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**86.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/05-08/08/05**	**5217439**

Dilution Factor: 1 MDL.....: 5.0

METHOD BLANK REPORT

General Chemistry

Client Lot #...: 5H03260 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids		Work Order #: HGXCK1AA		MB Lot-Sample #:	A5H030000-439	
	ND	10.0	%	MCAWW 160.3 MOD	08/03-08/04/05	5215439
		Dilution Factor: 1				
Percent Solids		Work Order #: HG1031AA		MB Lot-Sample #:	A5H040000-400	
	ND	10.0	%	MCAWW 160.3 MOD	08/04-08/05/05	5216400
		Dilution Factor: 1				
Percent Solids		Work Order #: HG45W1AA		MB Lot-Sample #:	A5H050000-439	
	ND	10.0	%	MCAWW 160.3 MOD	08/05-08/08/05	5217439
		Dilution Factor: 1				

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5H030260 **Work Order #...:** HGT87-SMP **Matrix.....:** SO
HGT87-DUP
Date Sampled...: 08/02/05 14:20 **Date Received..:** 08/03/05
% Moisture.....: 13

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5H030260-001		
	86.5	88.2	%	1.9	(0-20)	MCAWW 160.3 MOD	08/03-08/04/05	5215439

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5H030260 **Work Order #...:** HGW19-SMP **Matrix.....:** SOLID
HGW19-DUP
Date Sampled...: 08/03/05 07:43 **Date Received..:** 08/04/05
% Moisture.....: 17

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5H040157-001		
	82.9	83.6	%	0.93	(0-20)	MCAWW 160.3 MOD	08/04-08/05/05	5216400

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5H030260 **Work Order #...:** HGXKA-SMP **Matrix.....:** SOLID
HGXKA-DUP
Date Sampled...: 08/03/05 09:12 **Date Received..:** 08/04/05
% Moisture.....: 14

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5H040214-009		
	86.5	86.5	%	0.053	(0-20)	MCAWW 160.3 MOD	08/04-08/05/05	5216400

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5H030260 **Work Order #...:** HG2CV-SMP **Matrix.....:** SOLID
HG2CV-DUP
Date Sampled...: 08/04/05 09:50 **Date Received..:** 08/05/05
% Moisture.....: 23

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5H050159-001		
	77.0	76.3	%	0.99	(0-20)	MCAWW 160.3 MOD	08/05-08/08/05	5217439

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5H030260 **Work Order #...:** HG2XA-SMP **Matrix.....:** SOLID
HG2XA-DUP
Date Sampled...: 08/04/05 16:00 **Date Received..:** 08/05/05
% Moisture.....: 25

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5H050217-003		
	74.7	73.7	%	1.4	(0-20)	MCAWW 160.3 MOD	08/05-08/08/05	5217439

Dilution Factor: 1

END OF REPORT

Table of Contents

Return to Navigator

SEVERN TRENT STL

STL North Canton
4101 Shuffel Drive NW
North Canton, OH 44720

Tel: 330 497 9396 Fax: 330 497 0772
www.stl-inc.com

ANALYTICAL REPORT

PROJECT NO. 17075-30-02

GMPT SMCO SSOW# E131002
SDG #: 5H09123

Paul Wiseman (PM)

Conestoga Rovers & Assoc., Inc
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

SEVERN TRENT LABORATORIES, INC.

Denise D. Heckler
Project Manager

August 25, 2005

CASE NARRATIVE

CASE NARRATIVE

5H09123

The following report contains the analytical results for twenty-eight solid samples submitted to STL North Canton by Conestoga-Rovers & Associates, Inc. from the GMPT SMCO SSOW# E131002 Site, project number 17075-30-02. The samples were received August 09, 2005 and August 12, 2005, according to documented sample acceptance procedures.

This SDG consists of (2) laboratory ID's: A5H090123 and A5H120155.

STL utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

STL North Canton attests to the validity of the laboratory data generated by STL facilities reported herein. All analyses performed by STL facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. STL's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by a dry weight adjustment footnote at the bottom of the analytical report page. The list of parameters which are never reported on a dry weight basis is included on the Sample Summary.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

If you have any questions, please call the Project Manager, Denise D. Heckler, at 734-205-2535.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 2.3 and 2.7°C.

CASE NARRATIVE (continued)

POLYCHLORINATED BIPHENYLS-8082

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

The matrix spike/matrix spike duplicate(s) for S-081105-SSH-422 and S-081105-SSH-319 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

The matrix spike/matrix spike duplicate(s) for batch(es) 5221191 and 5224226 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

GENERAL CHEMISTRY

The analytical results met the requirements of the laboratory's QA/QC program.

QUALITY CONTROL ELEMENTS OF SW-846 METHODS

STL North Canton conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. STL North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples. These QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. The only exception is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed below.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals
Methylene chloride	Phthalate Esters	Copper
Acetone		Iron
2-Butanone		Zinc
		Lead*

- *for analyses run on TJA Trace ICP, ICPMS or GFAA only*

QUALITY CONTROL ELEMENTS OF SW-846 METHODS
(Continued)

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable. The acceptance criteria do not apply to samples that are diluted for organics if the native sample amount is 4x the concentration of the spike.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepped and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepped and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide, PCB, and PAH methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria.

STL North Canton Certifications and Approvals:

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225), Illinois (#200004), Kansas (#E10336), Massachusetts (#M-OH048), Maryland (#272), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), North Carolina (#39702), Ohio (#6090), OhioVAP (#CL0024), Rhode Island (#237), South Carolina (#92007001, #92007002, #92007003), Tennessee (#02903), Utah (#QUAN9), Virginia (#00011), West Virginia (#210), Wisconsin (#999518190),NAVY, ARMY, USDA Soil Permit, ACIL Seal of Excellence – Participating Lab Status Award (#82)

Y:\Barb\STL headers\Qc846-Narrative_060204.doc, Revised06/02/04 DJL

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

5H09123 : A5H090123

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-080805-SSH-316 08/08/05 11:00 001				
Aroclor 1248	2100	200	ug/kg	SW846 8082
Aroclor 1260	240	200	ug/kg	SW846 8082
Percent Solids	81.8	10.0	%	MCAWW 160.3 MOD
S-080805-SSH-317 08/08/05 11:15 002				
Aroclor 1248	4700	370	ug/kg	SW846 8082
Aroclor 1260	520	370	ug/kg	SW846 8082
Percent Solids	88.3	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

5H09123 : A5H120155

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-081105-SSH-422 08/11/05 001				
Aroclor 1248	26000	3500	ug/kg	SW846 8082
Aroclor 1260	4500	3500	ug/kg	SW846 8082
Percent Solids	94.6	10.0	%	MCAWW 160.3 MOD
S-081105-SSH-423 08/11/05 002				
Aroclor 1248	1700 J	2000	ug/kg	SW846 8082
Aroclor 1260	31000	2000	ug/kg	SW846 8082
Percent Solids	82.2	10.0	%	MCAWW 160.3 MOD
S-081105-SSH-424 08/11/05 003				
Aroclor 1248	2200	350	ug/kg	SW846 8082
Aroclor 1260	4700	350	ug/kg	SW846 8082
Percent Solids	93.7	10.0	%	MCAWW 160.3 MOD
S-081105-SSH-425 08/11/05 004				
Aroclor 1248	640	69	ug/kg	SW846 8082
Aroclor 1260	1100	69	ug/kg	SW846 8082
Percent Solids	96.1	10.0	%	MCAWW 160.3 MOD
S-081105-SSH-426 08/11/05 005				
Aroclor 1248	150	35	ug/kg	SW846 8082
Aroclor 1260	300	35	ug/kg	SW846 8082
Percent Solids	94.5	10.0	%	MCAWW 160.3 MOD
S-081105-SSH-427 08/11/05 006				
Aroclor 1248	99	35	ug/kg	SW846 8082
Aroclor 1260	160	35	ug/kg	SW846 8082
Percent Solids	94.9	10.0	%	MCAWW 160.3 MOD
S-081105-SSH-428 08/11/05 007				
Aroclor 1248	25000	3500	ug/kg	SW846 8082
Aroclor 1260	4400	3500	ug/kg	SW846 8082
Percent Solids	94.3	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

5H09123 : A5H120155

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-081105-SSH-429 08/11/05 008				
Aroclor 1248	45000	7000	ug/kg	SW846 8082
Aroclor 1260	3500 J	7000	ug/kg	SW846 8082
Percent Solids	94.2	10.0	%	MCAWW 160.3 MOD
S-081105-SSH-430 08/11/05 009				
Aroclor 1248	320	72	ug/kg	SW846 8082
Aroclor 1260	950	72	ug/kg	SW846 8082
Percent Solids	91.7	10.0	%	MCAWW 160.3 MOD
S-081105-SSH-431 08/11/05 010				
Aroclor 1248	340	180	ug/kg	SW846 8082
Aroclor 1260	2500	180	ug/kg	SW846 8082
Percent Solids	93.4	10.0	%	MCAWW 160.3 MOD
S-081105-SSH-432 08/11/05 011				
Aroclor 1248	470	72	ug/kg	SW846 8082
Aroclor 1260	720	72	ug/kg	SW846 8082
Percent Solids	91.7	10.0	%	MCAWW 160.3 MOD
S-081105-SSH-433 08/11/05 012				
Aroclor 1260	12000	700	ug/kg	SW846 8082
Percent Solids	94.9	10.0	%	MCAWW 160.3 MOD
S-081105-SSH-434 08/11/05 013				
Aroclor 1248	3200	820	ug/kg	SW846 8082
Aroclor 1260	7500	820	ug/kg	SW846 8082
Percent Solids	80.5	10.0	%	MCAWW 160.3 MOD
S-081105-SSH-435 08/11/05 014				
Aroclor 1248	1600	220	ug/kg	SW846 8082
Aroclor 1260	1900	220	ug/kg	SW846 8082
Percent Solids	76.6	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

5H09123 : A5H120155

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-081105-SSH-436 08/11/05 015				
Aroclor 1248	560	210	ug/kg	SW846 8082
Aroclor 1260	790	210	ug/kg	SW846 8082
Percent Solids	76.8	10.0	%	MCAWW 160.3 MOD
S-081105-SSH-437 08/11/05 016				
Aroclor 1248	290	210	ug/kg	SW846 8082
Aroclor 1260	830	210	ug/kg	SW846 8082
Percent Solids	79.4	10.0	%	MCAWW 160.3 MOD
S-081105-SSH-438 08/11/05 017				
Aroclor 1248	330	82	ug/kg	SW846 8082
Aroclor 1260	640	82	ug/kg	SW846 8082
Percent Solids	80.1	10.0	%	MCAWW 160.3 MOD
S-081105-SSH-439 08/11/05 018				
Aroclor 1242	240	40	ug/kg	SW846 8082
Aroclor 1260	650	40	ug/kg	SW846 8082
Percent Solids	81.6	10.0	%	MCAWW 160.3 MOD
S-081105-SSH-440 08/11/05 019				
Aroclor 1242	2800	190	ug/kg	SW846 8082
Aroclor 1260	2500	190	ug/kg	SW846 8082
Percent Solids	85.0	10.0	%	MCAWW 160.3 MOD
S-081105-SSH-441 08/11/05 020				
Aroclor 1242	550	200	ug/kg	SW846 8082
Aroclor 1260	1400	200	ug/kg	SW846 8082
Percent Solids	83.0	10.0	%	MCAWW 160.3 MOD
S-081105-SSH-442 08/11/05 021				
Aroclor 1248	6300	420	ug/kg	SW846 8082
Aroclor 1260	2500	420	ug/kg	SW846 8082
Percent Solids	78.2	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

5H09123 : A5H120155

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-081105-SSH-443 08/11/05 022				
Aroclor 1248	27000	4200	ug/kg	SW846 8082
Aroclor 1260	4400	4200	ug/kg	SW846 8082
Percent Solids	78.2	10.0	%	MCAWW 160.3 MOD
S-081105-SSH-444 08/11/05 023				
Aroclor 1248	340	39	ug/kg	SW846 8082
Aroclor 1260	460	39	ug/kg	SW846 8082
Percent Solids	85.1	10.0	%	MCAWW 160.3 MOD
S-081105-SSH-445 08/11/05 024				
Aroclor 1248	2600	200	ug/kg	SW846 8082
Aroclor 1260	1500	200	ug/kg	SW846 8082
Percent Solids	81.9	10.0	%	MCAWW 160.3 MOD
S-081105-SSH-318 08/11/05 025				
Aroclor 1248	3800	370	ug/kg	SW846 8082
Aroclor 1260	460	370	ug/kg	SW846 8082
Percent Solids	89.1	10.0	%	MCAWW 160.3 MOD
S-081105-SSH-319 08/11/05 026				
Aroclor 1248	1200	200	ug/kg	SW846 8082
Aroclor 1260	160 J	200	ug/kg	SW846 8082
Percent Solids	84.4	10.0	%	MCAWW 160.3 MOD

METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

5H09123

PARAMETER	ANALYTICAL METHOD
PCBs by SW-846 8082	SW846 8082
Total Residue as Percent Solids	MCAWW 160.3 MOD

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

SAMPLE SUMMARY

5H09123 : A5H090123

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HG6Q0	001	S-080805-SSH-316	08/08/05	11:00
HG6Q2	002	S-080805-SSH-317	08/08/05	11:15

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

5H09123 : A5H120155

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HHE42	001	S-081105-SSH-422	08/11/05	
HHE45	002	S-081105-SSH-423	08/11/05	
HHE46	003	S-081105-SSH-424	08/11/05	
HHE47	004	S-081105-SSH-425	08/11/05	
HHE48	005	S-081105-SSH-426	08/11/05	
HHE49	006	S-081105-SSH-427	08/11/05	
HHE5A	007	S-081105-SSH-428	08/11/05	
HHE5C	008	S-081105-SSH-429	08/11/05	
HHE5D	009	S-081105-SSH-430	08/11/05	
HHE5E	010	S-081105-SSH-431	08/11/05	
HHE5F	011	S-081105-SSH-432	08/11/05	
HHE5H	012	S-081105-SSH-433	08/11/05	
HHE5J	013	S-081105-SSH-434	08/11/05	
HHE5K	014	S-081105-SSH-435	08/11/05	
HHE5M	015	S-081105-SSH-436	08/11/05	
HHE5N	016	S-081105-SSH-437	08/11/05	
HHE5P	017	S-081105-SSH-438	08/11/05	
HHE5Q	018	S-081105-SSH-439	08/11/05	
HHE5R	019	S-081105-SSH-440	08/11/05	
HHE5V	020	S-081105-SSH-441	08/11/05	
HHE50	021	S-081105-SSH-442	08/11/05	
HHE51	022	S-081105-SSH-443	08/11/05	
HHE53	023	S-081105-SSH-444	08/11/05	
HHE54	024	S-081105-SSH-445	08/11/05	
HHE55	025	S-081105-SSH-318	08/11/05	
HHE56	026	S-081105-SSH-319	08/11/05	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

SHIPPING AND RECEIVING DOCUMENTS

GM REALM
ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 1 OF 1

ID # № 02327

SSOW Ref. Code: E/31002

Required Client Information:

Company: CRA, Inc.	Report To: Mike Tomka	Laboratory: STL	
Address:	Copy To: Paul Wiseman	Laboratory Location: North Canton	
1496 Sheldon Rd Ste 200	Invoice To: Mike Tomka	Laboratory Contact: Denise Heckler	
Plymouth MI 48170	P.O.:	Requested Due Date: *RUSH*	TAT: 24 hrs
Phone: 734-453-5123	Project Name: GMPT SMCO	QA/QC Requirements:	
Fax: -5201	Project Number: 17075-30-02		
Email: craworld.com			

Valid Matrix Codes: WG Groundwater, WB Borehole Water, WS Surface Water, SO Soil, SE Sediment. See Back for Additional Codes

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	PCBs										Remarks/Lab ID
S-080805-SSH-316	SO	8/8/05	1100	1	X						X										*RUSH*
S-080805-SSH-317	SO	8/8/05	1115	1	X						X										

TOTAL NUMBER OF CONTAINERS: 2

SSH

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	1	[signature] / CRA	8/8/05	1700	[signature] STL	8/9/05	9:20

AIRBILL NO. 8526 7579 7164

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Steven S. Howmeyer

Sampler Signature: [signature] Date: 8/8/05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 016 041

STL Cooler Receipt Form/Narrative **Lot Number:** A5H090123

North Canton Facility

Client: CRA Project: GMPT SMCO Quote#:

Cooler Received on: 8/9/05 Opened on: 8/9/05 by: (Signature)

Fedx ☒ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ Other:

STL Cooler No# 241-006 Foam Box ☐ Client Cooler ☐ Other

1. Were custody seals on the outside of the cooler? Yes ☐ No ☒ Intact? Yes ☐ No ☐ NA ☒
   If YES, Quantity
   Were the custody seals signed and dated? Yes ☐ No ☐ NA ☒
2. Shipper's packing slip attached to this form? Yes ☒ No ☐ NA ☐
3. Did custody papers accompany the samples? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☐ None ☐ Other :
6. Cooler temperature upon receipt 2.7 °C (see back of form for multiple coolers/temp)

METHOD: Temp Vial ☐ Coolant & Sample ☐ Against Bottles ☐ IR ☒ ICE/H_2O Slurry ☐

COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☒ No ☐
9. Were samples at the correct pH? (record below/on back) Yes ☐ No ☐ NA ☒
10. Were correct bottles used for the tests indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☒
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐

Contacted PM _____ Date: _____ by: _____ via Voice Mail ☐ Verbal ☐ Other ☐

Concerning: _____

√	

1. CHAIN OF CUSTODY

The following discrepancies occurred:

2. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

3. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot # 051105-HNO3; Sulfuric Acid Lot # 102804-H2SO4; Sodium Hydroxide Lot # -041305 -NaOH; Hydrochloric Acid Lot # 100504-HCl; Sodium Hydroxide and Zinc Acetate Lot # 071604-CH3COO2ZN/NaOH*

Sample(s) _____ were received with bubble > 6 mm in diameter (cc: PM)

4. Other (see below or back)

Client ID	pH	Date	Initials

STL Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp	Method	Coolant

Discrepancies Cont.

GM REALM
ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

22

PAGE 1 OF 2

ID # N° 02326

SSOW Ref. Code: E131002

equired Client Information:

ompany: CRA Inc	Report To: Mike Tomka
ddress:	Copy To: Paul Wiseman
4496 Sheldon Rd Ste 200	Invoice To: Mike Tomka
Plymouth, MI 48170	P.O.:
hone: 734-453-5127	Project Name: GMPT SMCO
ax: -5201	Project Number: 17035-30-02
-mail: crawork.com	

Laboratory:	STL
Laboratory Location:	North Canton
Laboratory Contact:	Denise Hukiller
Requested Due Date:	* RUSH * TAT: 24 hrs
QA/QC Requirements:	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Analysis and Method

mple Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	PCBs	Remarks/Lab ID
S-081805-SSH-422	SO	8/18/05		1	X						X	* RUSH *
-423				1	X						X	
-424				1	X						X	
-425				1	X						X	
S-081105-SSH-426				1	X						X	
-427				1	X						X	
-428				1	X						X	
-429				1	X						X	
S-081105-SSH-430				1	X						X	
-431				1	X						X	
-432				1	X						X	
-433				1	X						X	
S-081105-SSH-434				1	X						X	
-435				1	X						X	
-436				1	X						X	
TOTAL NUMBER OF CONTAINERS				15								

HIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	1	S. Hoevenaar / CRA	8/18/05	1700	Keith R Miller	8-12-05	9:45
RBILL NO. 8526 7579 6889							

Sample Condition

mp in °C	
ceived on Ice	Y / N
aled Cooler	Y / N
mples Intact	Y / N

Additional Comments:

Sampler Name: Steven S. Hoevenaar

Sampler Signature: S. Hoevenaar Date: 8/18/05

STL North Canton

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6-04)

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

23

GM REALM ENCORE

PAGE 2 OF 2

ID # N° 02325

SSOW Ref. Code: E131002

equired Client Information:

ompany: CRA, Inc.	Report To: Mike Tomka
ddress:	Copy To: Paul Wiseman
496 Sheldon Rd SE 200	Invoice To: Mike Tomka
lymouth MI 48170	P.O.:
hone: 734-453-5123	Project Name: GMPT SMCO
ax: -5201	Project Number: 7075-30-02
mail: CRAworld.com	

Laboratory:	STL
Laboratory Location:	North Canton
Laboratory Contact:	Denise Heckler
Requested Due Date:	*RUSH* TAT: 24hrs
QA/QC Requirements:	

Analysis and Method

Preservative

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	PCBs											Remarks/Lab ID
S-081105-SSH-437	SO	8/11/05		1	X						X											*RUSH*
-438				1	X						X											
-439				1	X						X											
-440				1	X						X											
S-081105-SSH-441				1	X						X											
-442				1	X						X											
-443				1	X						X											
-444				1	X						X											
S-081105-SSH-445				1	X						X											
S-081105-SSH-318	SO	8/11/05		1	X						X											
S-081105-SSH-319	SO	8/11/05		1	X						X											
TOTAL NUMBER OF CONTAINERS				11																		

Valid Matrix Codes:
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment
See Back for Additional Codes

HIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	1	[signature] / CRA	8/11/05	1700	Keith R Miller / STL	8/12/05	9:45
RBILL NO. 8526 7579 6869							

Sample Condition

mp in °C	
ceived on Ice	Y / N
led Cooler	Y / N
mples Intact	Y / N

Additional Comments:

Sampler Name: Steven S. Howeneyer

Sampler Signature: [signature] Date: 8/11/05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

STL North Canton

STL Cooler Receipt Form/Narrative **Lot Number:** 5H12055
North Canton Facility

Client: CRA Project: GMPT SMCO Quote#: _____
Cooler Received on: 8-12-05 Opened on: 8-12-05 by: Keith B Miller (Signature)

Fedx ☑ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ Other: _____
STL Cooler No# NO# Foam Box ☐ Client Cooler ☐ Other ____

1. Were custody seals on the outside of the cooler? Yes ☐ No ☑ Intact? Yes ☐ No ☐ NA ☑
   If YES, Quantity _____
   Were the custody seals signed and dated? Yes ☐ No ☐ NA ☑
2. Shipper's packing slip attached to this form? Yes ☑ No ☐ NA ☐
3. Did custody papers accompany the samples? Yes ☑ No ☐ Relinquished by client? Yes ☑ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☑ No ☐
5. Packing material used: Bubble Wrap ☑ Foam ☐ None ☐ Other: cardboard box
6. Cooler temperature upon receipt 2.3 °C (see back of form for multiple coolers/temp)

METHOD: Temp Vial ☐ Coolant & Sample ☐ Against Bottles ☐ IR ☑ ICE/H_2O Slurry ☐
COOLANT: Wet Ice ☑ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☑ No ☐
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☑ No ☐
9. Were samples at the correct pH? (record below/on back) Yes ☐ No ☐ NA ☑
10. Were correct bottles used for the tests indicated? Yes ☑ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☑
12. Sufficient quantity received to perform indicated analyses? Yes ☑ No ☐

Contacted PM _____ Date: _____ by: _____ via Voice Mail ☐ Verbal ☐ Other ☐
Concerning: _____

√		

1. CHAIN OF CUSTODY

The following discrepancies occurred:

2. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.

3. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot # 051105-HNO3; Sulfuric Acid Lot # 102804-H2SO4; Sodium Hydroxide Lot # -041305 -NaOH; Hydrochloric Acid Lot # 100504-HCl; Sodium Hydroxide and Zinc Acetate Lot # 071604-CH3COO2ZN/NaOH*
Sample(s) _____ were received with bubble > 6 mm in diameter (cc: PM)

4. Other (see below or back)

Client ID	pH	Date	Initials

STL Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp	Method	Coolant

Discrepancies Cont.

POLYCHLORINATED BIPHENYLS DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080805-SSH-316

GC Semivolatiles

Lot-Sample #...: A5H090123-001 **Work Order #...:** HG6Q01AC **Matrix.....:** SO
Date Sampled...: 08/08/05 11:00 **Date Received..:** 08/09/05
Prep Date.....: 08/09/05 **Analysis Date..:** 08/10/05
Prep Batch #...: 5221191
Dilution Factor: 5 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 18 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	200	ug/kg	41
Aroclor 1221	ND	200	ug/kg	61
Aroclor 1232	ND	200	ug/kg	32
Aroclor 1242	ND	200	ug/kg	61
Aroclor 1248	**2100**	**200**	**ug/kg**	**29**
Aroclor 1254	ND	200	ug/kg	26
Aroclor 1260	**240**	**200**	**ug/kg**	**49**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	77 DIL	(10 - 127)
Decachlorobiphenyl	74 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080805-SSH-317

GC Semivolatiles

Lot-Sample #...: A5H090123-002 **Work Order #...:** HG6Q21AC **Matrix.....:** SO
Date Sampled...: 08/08/05 11:15 **Date Received..:** 08/09/05
Prep Date.....: 08/09/05 **Analysis Date..:** 08/10/05
Prep Batch #...: 5221191
Dilution Factor: 10 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	370	ug/kg	76
Aroclor 1221	ND	370	ug/kg	110
Aroclor 1232	ND	370	ug/kg	59
Aroclor 1242	ND	370	ug/kg	110
Aroclor 1248	**4700**	**370**	**ug/kg**	**54**
Aroclor 1254	ND	370	ug/kg	49
Aroclor 1260	**520**	**370**	**ug/kg**	**91**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	108 DIL	(10 - 127)
Decachlorobiphenyl	108 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-422

GC Semivolatiles

Lot-Sample #...: A5H120155-001 **Work Order #...:** HHE421AC **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224218
Dilution Factor: 100 **Initial Wgt/Vol:** 30 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 5.4 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	3500	ug/kg	710
Aroclor 1221	ND	3500	ug/kg	1000
Aroclor 1232	ND	3500	ug/kg	550
Aroclor 1242	ND	3500	ug/kg	1100
Aroclor 1248	**26000**	**3500**	**ug/kg**	**510**
Aroclor 1254	ND	3500	ug/kg	450
Aroclor 1260	**4500**	**3500**	**ug/kg**	**850**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	113 DIL	(10 - 127)
Decachlorobiphenyl	103 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-423

GC Semivolatiles

Lot-Sample #...: A5H120155-002 **Work Order #...:** HHE451AC **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224218
Dilution Factor: 50 **Initial Wgt/Vol:** 30 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 18 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	2000	ug/kg	410
Aroclor 1221	ND	2000	ug/kg	600
Aroclor 1232	ND	2000	ug/kg	320
Aroclor 1242	ND	2000	ug/kg	610
Aroclor 1248	**1700 J**	**2000**	**ug/kg**	**290**
Aroclor 1254	ND	2000	ug/kg	260
Aroclor 1260	**31000**	**2000**	**ug/kg**	**490**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	64 DIL	(10 - 127)
Decachlorobiphenyl	80 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-424

GC Semivolatiles

Lot-Sample #...: A5H120155-003 **Work Order #...:** HHE461AC **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224218
Dilution Factor: 10 **Initial Wgt/Vol:** 30.05 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 6.3 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	350	ug/kg	72
Aroclor 1221	ND	350	ug/kg	110
Aroclor 1232	ND	350	ug/kg	56
Aroclor 1242	ND	350	ug/kg	110
Aroclor 1248	**2200**	**350**	**ug/kg**	**51**
Aroclor 1254	ND	350	ug/kg	46
Aroclor 1260	**4700**	**350**	**ug/kg**	**85**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	66 DIL	(10 - 127)
Decachlorobiphenyl	80 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-425

GC Semivolatiles

Lot-Sample #...: A5H120155-004 **Work Order #...:** HHE471AC **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224218
Dilution Factor: 2 **Initial Wgt/Vol:** 30.12 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 3.9 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	69	ug/kg	14
Aroclor 1221	ND	69	ug/kg	21
Aroclor 1232	ND	69	ug/kg	11
Aroclor 1242	ND	69	ug/kg	21
Aroclor 1248	**640**	**69**	**ug/kg**	**10**
Aroclor 1254	ND	69	ug/kg	9.0
Aroclor 1260	**1100**	**69**	**ug/kg**	**17**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	75	(10 - 127)
Decachlorobiphenyl	70	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-426

GC Semivolatiles

Lot-Sample #...: A5H120155-005 **Work Order #...:** HHE481AC **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224218
Dilution Factor: 1 **Initial Wgt/Vol:** 30.15 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 5.5 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	7.1
Aroclor 1221	ND	35	ug/kg	10
Aroclor 1232	ND	35	ug/kg	5.5
Aroclor 1242	ND	35	ug/kg	11
Aroclor 1248	**150**	**35**	**ug/kg**	**5.1**
Aroclor 1254	ND	35	ug/kg	4.5
Aroclor 1260	**300**	**35**	**ug/kg**	**8.5**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	68	(10 - 127)
Decachlorobiphenyl	66	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-427

GC Semivolatiles

Lot-Sample #...: A5H120155-006 **Work Order #...:** HHE491AC **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224218
Dilution Factor: 1 **Initial Wgt/Vol:** 30.14 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 5.1 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	7.1
Aroclor 1221	ND	35	ug/kg	10
Aroclor 1232	ND	35	ug/kg	5.5
Aroclor 1242	ND	35	ug/kg	11
Aroclor 1248	**99**	**35**	**ug/kg**	**5.1**
Aroclor 1254	ND	35	ug/kg	4.5
Aroclor 1260	**160**	**35**	**ug/kg**	**8.4**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	46	(10 - 127)
Decachlorobiphenyl	42	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-428

GC Semivolatiles

Lot-Sample #...: A5H120155-007 **Work Order #...:** HHE5A1AC **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224218
Dilution Factor: 100 **Initial Wgt/Vol:** 30 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 5.7 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	3500	ug/kg	710
Aroclor 1221	ND	3500	ug/kg	1000
Aroclor 1232	ND	3500	ug/kg	550
Aroclor 1242	ND	3500	ug/kg	1100
Aroclor 1248	**25000**	**3500**	**ug/kg**	**510**
Aroclor 1254	ND	3500	ug/kg	460
Aroclor 1260	**4400**	**3500**	**ug/kg**	**850**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	122 DIL	(10 - 127)
Decachlorobiphenyl	244 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-429

GC Semivolatiles

Lot-Sample #...: A5H120155-008 **Work Order #...:** HHE5C1AC **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224218
Dilution Factor: 200 **Initial Wgt/Vol:** 30.01 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 5.8 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	7000	ug/kg	1400
Aroclor 1221	ND	7000	ug/kg	2100
Aroclor 1232	ND	7000	ug/kg	1100
Aroclor 1242	ND	7000	ug/kg	2100
Aroclor 1248	**45000**	**7000**	**ug/kg**	**1000**
Aroclor 1254	ND	7000	ug/kg	910
Aroclor 1260	**3500 J**	**7000**	**ug/kg**	**1700**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	252 DIL,*	(10 - 127)
Decachlorobiphenyl	145 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-430

GC Semivolatiles

Lot-Sample #...: A5H120155-009 **Work Order #...:** HHE5D1AC **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224218
Dilution Factor: 2 **Initial Wgt/Vol:** 30.01 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 8.3 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	72	ug/kg	15
Aroclor 1221	ND	72	ug/kg	22
Aroclor 1232	ND	72	ug/kg	11
Aroclor 1242	ND	72	ug/kg	22
Aroclor 1248	**320**	**72**	**ug/kg**	**10**
Aroclor 1254	ND	72	ug/kg	9.4
Aroclor 1260	**950**	**72**	**ug/kg**	**17**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	61	(10 - 127)
Decachlorobiphenyl	67	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-431

GC Semivolatiles

Lot-Sample #...: A5H120155-010 **Work Order #...:** HHE5E1AC **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224218
Dilution Factor: 5 **Initial Wgt/Vol:** 30 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 6.6 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	180	ug/kg	36
Aroclor 1221	ND	180	ug/kg	53
Aroclor 1232	ND	180	ug/kg	28
Aroclor 1242	ND	180	ug/kg	54
Aroclor 1248	**340**	**180**	**ug/kg**	**26**
Aroclor 1254	ND	180	ug/kg	23
Aroclor 1260	**2500**	**180**	**ug/kg**	**43**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	98 DIL	(10 - 127)
Decachlorobiphenyl	108 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-432

GC Semivolatiles

Lot-Sample #...: A5H120155-011 **Work Order #...:** HHE5F1AC **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224218
Dilution Factor: 2 **Initial Wgt/Vol:** 30.06 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 8.3 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	72	ug/kg	15
Aroclor 1221	ND	72	ug/kg	22
Aroclor 1232	ND	72	ug/kg	11
Aroclor 1242	ND	72	ug/kg	22
Aroclor 1248	**470**	**72**	**ug/kg**	**10**
Aroclor 1254	ND	72	ug/kg	9.4
Aroclor 1260	**720**	**72**	**ug/kg**	**17**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	76	(10 - 127)
Decachlorobiphenyl	77	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-433

GC Semivolatiles

Lot-Sample #...: A5H120155-012 **Work Order #...:** HHE5H1AC **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224218
Dilution Factor: 20 **Initial Wgt/Vol:** 30.15 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 5.1 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	700	ug/kg	140
Aroclor 1221	ND	700	ug/kg	210
Aroclor 1232	ND	700	ug/kg	110
Aroclor 1242	ND	700	ug/kg	210
Aroclor 1248	ND	700	ug/kg	100
Aroclor 1254	ND	700	ug/kg	91
Aroclor 1260	**12000**	**700**	**ug/kg**	**170**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78 DIL	(10 - 127)
Decachlorobiphenyl	100 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-434

GC Semivolatiles

Lot-Sample #...: A5H120155-013 **Work Order #...:** HHE5J1AC **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224218
Dilution Factor: 20 **Initial Wgt/Vol:** 30.1 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 20 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	820	ug/kg	170
Aroclor 1221	ND	820	ug/kg	250
Aroclor 1232	ND	820	ug/kg	130
Aroclor 1242	ND	820	ug/kg	250
Aroclor 1248	**3200**	**820**	**ug/kg**	**120**
Aroclor 1254	ND	820	ug/kg	110
Aroclor 1260	**7500**	**820**	**ug/kg**	**200**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	98 DIL	(10 - 127)
Decachlorobiphenyl	121 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-435

GC Semivolatiles

Lot-Sample #...: A5H120155-014 **Work Order #...:** HHE5K1AC **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224218
Dilution Factor: 5 **Initial Wgt/Vol:** 30.04 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 23 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	220	ug/kg	44
Aroclor 1221	ND	220	ug/kg	65
Aroclor 1232	ND	220	ug/kg	34
Aroclor 1242	ND	220	ug/kg	65
Aroclor 1248	**1600**	**220**	**ug/kg**	**31**
Aroclor 1254	ND	220	ug/kg	28
Aroclor 1260	**1900**	**220**	**ug/kg**	**52**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	105 DIL	(10 - 127)
Decachlorobiphenyl	198 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-436

GC Semivolatiles

Lot-Sample #...: A5H120155-015 **Work Order #...:** HHE5M1AC **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224218
Dilution Factor: 5 **Initial Wgt/Vol:** 30.13 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 23 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	210	ug/kg	44
Aroclor 1221	ND	210	ug/kg	64
Aroclor 1232	ND	210	ug/kg	34
Aroclor 1242	ND	210	ug/kg	65
Aroclor 1248	**560**	**210**	**ug/kg**	**31**
Aroclor 1254	ND	210	ug/kg	28
Aroclor 1260	**790**	**210**	**ug/kg**	**52**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	96 DIL	(10 - 127)
Decachlorobiphenyl	97 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-437

GC Semivolatiles

Lot-Sample #...: A5H120155-016 **Work Order #...:** HHE5N1AC **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224218
Dilution Factor: 5 **Initial Wgt/Vol:** 30 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 21 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	210	ug/kg	42
Aroclor 1221	ND	210	ug/kg	62
Aroclor 1232	ND	210	ug/kg	33
Aroclor 1242	ND	210	ug/kg	63
Aroclor 1248	**290**	**210**	**ug/kg**	**30**
Aroclor 1254	ND	210	ug/kg	27
Aroclor 1260	**830**	**210**	**ug/kg**	**50**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	74 DIL	(10 - 127)
Decachlorobiphenyl	72 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-438

GC Semivolatiles

Lot-Sample #...: A5H120155-017 **Work Order #...:** HHE5P1AC **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224218
Dilution Factor: 2 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 20 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	82	ug/kg	17
Aroclor 1221	ND	82	ug/kg	25
Aroclor 1232	ND	82	ug/kg	13
Aroclor 1242	ND	82	ug/kg	25
Aroclor 1248	**330**	**82**	**ug/kg**	**12**
Aroclor 1254	ND	82	ug/kg	11
Aroclor 1260	**640**	**82**	**ug/kg**	**20**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	68	(10 - 127)
Decachlorobiphenyl	79	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-439

GC Semivolatiles

Lot-Sample #...: A5H120155-018 **Work Order #...:** HHE5Q1AC **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224218
Dilution Factor: 1 **Initial Wgt/Vol:** 30.04 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 18 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	40	ug/kg	8.2
Aroclor 1221	ND	40	ug/kg	12
Aroclor 1232	ND	40	ug/kg	6.4
Aroclor 1242	**240**	**40**	**ug/kg**	**12**
Aroclor 1248	ND	40	ug/kg	5.9
Aroclor 1254	ND	40	ug/kg	5.3
Aroclor 1260	**650**	**40**	**ug/kg**	**9.8**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(10 - 127)
Decachlorobiphenyl	77	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-440

GC Semivolatiles

Lot-Sample #...: A5H120155-019 **Work Order #...:** HHE5R1AC **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/12/05 **Analysis Date..:** 08/15/05
Prep Batch #...: 5224218
Dilution Factor: 5 **Initial Wgt/Vol:** 30.01 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	190	ug/kg	39
Aroclor 1221	ND	190	ug/kg	58
Aroclor 1232	ND	190	ug/kg	31
Aroclor 1242	**2800**	**190**	**ug/kg**	**59**
Aroclor 1248	ND	190	ug/kg	28
Aroclor 1254	ND	190	ug/kg	25
Aroclor 1260	**2500**	**190**	**ug/kg**	**47**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84 DIL	(10 - 127)
Decachlorobiphenyl	113 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-441

GC Semivolatiles

Lot-Sample #...: A5H120155-020 **Work Order #...:** HHE5V1AC **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/12/05 **Analysis Date..:** 08/15/05
Prep Batch #...: 5224218
Dilution Factor: 5 **Initial Wgt/Vol:** 30.05 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 17 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	200	ug/kg	40
Aroclor 1221	ND	200	ug/kg	60
Aroclor 1232	ND	200	ug/kg	31
Aroclor 1242	**550**	**200**	**ug/kg**	**60**
Aroclor 1248	ND	200	ug/kg	29
Aroclor 1254	ND	200	ug/kg	26
Aroclor 1260	**1400**	**200**	**ug/kg**	**48**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	93 DIL	(10 - 127)
Decachlorobiphenyl	144 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-442

GC Semivolatiles

Lot-Sample #...: A5H120155-021 **Work Order #...:** HHE501AC **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224219
Dilution Factor: 10 **Initial Wgt/Vol:** 30.1 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 22 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	420	ug/kg	86
Aroclor 1221	ND	420	ug/kg	130
Aroclor 1232	ND	420	ug/kg	67
Aroclor 1242	ND	420	ug/kg	130
Aroclor 1248	**6300**	**420**	**ug/kg**	**61**
Aroclor 1254	ND	420	ug/kg	55
Aroclor 1260	**2500**	**420**	**ug/kg**	**100**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	110 DIL	(10 - 127)
Decachlorobiphenyl	162 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-443

GC Semivolatiles

Lot-Sample #...: A5H120155-022 **Work Order #...:** HHE511AC **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224219
Dilution Factor: 100 **Initial Wgt/Vol:** 30.3 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 22 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	4200	ug/kg	860
Aroclor 1221	ND	4200	ug/kg	1300
Aroclor 1232	ND	4200	ug/kg	670
Aroclor 1242	ND	4200	ug/kg	1300
Aroclor 1248	**27000**	**4200**	**ug/kg**	**610**
Aroclor 1254	ND	4200	ug/kg	550
Aroclor 1260	**4400**	**4200**	**ug/kg**	**1000**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	107 DIL	(10 - 127)
Decachlorobiphenyl	289 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-444

GC Semivolatiles

Lot-Sample #...: A5H120155-023 **Work Order #...:** HHE531AC **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224219
Dilution Factor: 1 **Initial Wgt/Vol:** 30.19 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	7.9
Aroclor 1221	ND	39	ug/kg	12
Aroclor 1232	ND	39	ug/kg	6.1
Aroclor 1242	ND	39	ug/kg	12
Aroclor 1248	**340**	**39**	**ug/kg**	**5.6**
Aroclor 1254	ND	39	ug/kg	5.1
Aroclor 1260	**460**	**39**	**ug/kg**	**9.4**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	64	(10 - 127)
Decachlorobiphenyl	87	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-445

GC Semivolatiles

Lot-Sample #...: A5H120155-024 **Work Order #...:** HHE541AC **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224219
Dilution Factor: 5 **Initial Wgt/Vol:** 30.08 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 18 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	200	ug/kg	41
Aroclor 1221	ND	200	ug/kg	60
Aroclor 1232	ND	200	ug/kg	32
Aroclor 1242	ND	200	ug/kg	61
Aroclor 1248	**2600**	**200**	**ug/kg**	**29**
Aroclor 1254	ND	200	ug/kg	26
Aroclor 1260	**1500**	**200**	**ug/kg**	**49**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	80 DIL	(10 - 127)
Decachlorobiphenyl	102 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-318

GC Semivolatiles

Lot-Sample #...: A5H120155-025 **Work Order #...:** HHE551AC **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/13/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224226
Dilution Factor: 10 **Initial Wgt/Vol:** 30.01 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	370	ug/kg	75
Aroclor 1221	ND	370	ug/kg	110
Aroclor 1232	ND	370	ug/kg	58
Aroclor 1242	ND	370	ug/kg	110
Aroclor 1248	**3800**	**370**	**ug/kg**	**54**
Aroclor 1254	ND	370	ug/kg	48
Aroclor 1260	**460**	**370**	**ug/kg**	**90**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	126 DIL	(10 - 127)
Decachlorobiphenyl	141 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-319

GC Semivolatiles

Lot-Sample #...: A5H120155-026 **Work Order #...:** HHE561AC **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/13/05 **Analysis Date..:** 08/15/05
Prep Batch #...: 5224225
Dilution Factor: 5 **Initial Wgt/Vol:** 30.02 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 16 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	200	ug/kg	40
Aroclor 1221	ND	200	ug/kg	59
Aroclor 1232	ND	200	ug/kg	31
Aroclor 1242	ND	200	ug/kg	59
Aroclor 1248	**1200**	**200**	**ug/kg**	**28**
Aroclor 1254	ND	200	ug/kg	25
Aroclor 1260	**160 J**	**200**	**ug/kg**	**47**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	88 DIL	(10 - 127)
Decachlorobiphenyl	119 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 5H09123 **Work Order #...:** HG60G1AA **Matrix.....:** SOLID
MB Lot-Sample #: A5H090000-191

Prep Date.....: 08/09/05 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 08/10/05 **Prep Batch #...:** 5221191
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	85	(10 - 127)
Decachlorobiphenyl	72	(40 - 138)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 5H09123 **Work Order #...:** HHFJ31AA **Matrix.....:** SOLID
MB Lot-Sample #: A5H120000-218

Prep Date.....: 08/12/05 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 08/15/05 **Prep Batch #...:** 5224218
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	73	(10 - 127)
Decachlorobiphenyl	75	(40 - 138)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 5H09123 **Work Order #...:** HHFJ81AA **Matrix.....:** SOLID
MB Lot-Sample #: A5H120000-219

Prep Date.....: 08/12/05 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 08/14/05 **Prep Batch #...:** 5224219
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	44	(10 - 127)
Decachlorobiphenyl	55	(40 - 138)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 5H09123 **Work Order #...:** HHFKQ1AA **Matrix.....:** SOLID
MB Lot-Sample #: A5H120000-225

Prep Date.....: 08/13/05 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 08/14/05 **Prep Batch #...:** 5224225
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	57	(10 - 127)
Decachlorobiphenyl	89	(40 - 138)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 5H09123 **Work Order #...:** HHFK41AA **Matrix.....:** SOLID
MB Lot-Sample #: A5H120000-226

Prep Date.....: 08/13/05 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 08/14/05 **Prep Batch #...:** 5224226
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	55	(10 - 127)
Decachlorobiphenyl	64	(40 - 138)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5H09123 **Work Order #...:** HG60G1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5H090000-191
Prep Date.....: 08/09/05 **Analysis Date..:** 08/10/05
Prep Batch #...: 5221191
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**240**	**ug/kg**	**73**	**SW846 8082**
Aroclor 1260	**330**	**250**	**ug/kg**	**74**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	71	(10 - 127)
Decachlorobiphenyl	70	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5H09123 **Work Order #...:** HG60G1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5H090000-191
Prep Date.....: 08/09/05 **Analysis Date..:** 08/10/05
Prep Batch #...: 5221191
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**73**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**74**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	71	(10 - 127)
Decachlorobiphenyl	70	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5H09123 **Work Order #...:** HHFJ31AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5H120000-218
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224218
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**220**	**ug/kg**	**65**	**SW846 8082**
Aroclor 1260	**330**	**230**	**ug/kg**	**70**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	66	(10 - 127)
Decachlorobiphenyl	69	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5H09123 **Work Order #...:** HHFJ31AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5H120000-218
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224218
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**65**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**70**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	66	(10 - 127)
Decachlorobiphenyl	69	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5H09123 **Work Order #...:** HHFJ81AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A5H120000-219 HHFJ81AD-LCSD
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224219
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Aroclor 1016	**330**	**300**	**ug/kg**	**89**		**SW846 8082**
	330	**270**	**ug/kg**	**82**	**7.5**	**SW846 8082**
Aroclor 1260	**330**	**350**	**ug/kg**	**106**		**SW846 8082**
	330	**320**	**ug/kg**	**97**	**9.4**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	90	(10 - 127)
	83	(10 - 127)
Decachlorobiphenyl	116	(40 - 138)
	106	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5H09123 **Work Order #...:** HHFJ81AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A5H120000-219 HHFJ81AD-LCSD
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224219
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**89**	**(41 - 130)**			**SW846 8082**
	82	**(41 - 130)**	**7.5**	**(0-30)**	**SW846 8082**
Aroclor 1260	**106**	**(42 - 130)**			**SW846 8082**
	97	**(42 - 130)**	**9.4**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	90	(10 - 127)
	83	(10 - 127)
Decachlorobiphenyl	116	(40 - 138)
	106	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5H09123 **Work Order #...:** HHFKQ1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5H120000-225
Prep Date.....: 08/13/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224225
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**180**	**ug/kg**	**54**	**SW846 8082**
Aroclor 1260	**330**	**220**	**ug/kg**	**66**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	52	(10 - 127)
Decachlorobiphenyl	74	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5H09123 **Work Order #...:** HHFKQ1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5H120000-225
Prep Date.....: 08/13/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224225
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**54**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**66**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	52	(10 - 127)
Decachlorobiphenyl	74	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5H09123 **Work Order #...:** HHFK41AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5H120000-226
Prep Date.....: 08/13/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224226
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**210**	**ug/kg**	**63**	**SW846 8082**
Aroclor 1260	**330**	**250**	**ug/kg**	**75**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	62	(10 - 127)
Decachlorobiphenyl	83	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5H09123 **Work Order #...:** HHFK41AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5H120000-226
Prep Date.....: 08/13/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224226
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**63**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**75**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	62	(10 - 127)
Decachlorobiphenyl	83	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5H09123 **Work Order #...:** HG6VW1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: A5H090133-003 HG6VW1AG-MSD
Date Sampled...: 08/08/05 14:42 **Date Received..:** 08/09/05
Prep Date.....: 08/09/05 **Analysis Date..:** 08/10/05
Prep Batch #...: 5221191
Dilution Factor: 10 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 16

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**390**	**3500**	**ug/kg**	**874**		**SW846 8082**
	Qualifiers:		DIL,a				
	ND	**390**	**3700**	**ug/kg**	**946**	**7.7**	**SW846 8082**
	Qualifiers:		DIL,a				
Aroclor 1260	**390**	**390**	**740**	**ug/kg**	**89 DIL**		**SW846 8082**
	390	**390**	**660**	**ug/kg**	**69 DIL**	**11**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	100 DIL	(10 - 127)
	102 DIL	(10 - 127)
Decachlorobiphenyl	102 DIL	(40 - 138)
	106 DIL	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5H09123 **Work Order #...:** HG6VW1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: A5H090133-003 HG6VW1AG-MSD
Date Sampled...: 08/08/05 14:42 **Date Received..:** 08/09/05
Prep Date.....: 08/09/05 **Analysis Date..:** 08/10/05
Prep Batch #...: 5221191
Dilution Factor: 10 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 16

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**874 DIL,a**	**(10 - 200)**			**SW846 8082**
	946 DIL,a	**(10 - 200)**	**7.7**	**(0-30)**	**SW846 8082**
Aroclor 1260	**89 DIL**	**(10 - 200)**			**SW846 8082**
	69 DIL	**(10 - 200)**	**11**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	100 DIL	(10 - 127)
	102 DIL	(10 - 127)
Decachlorobiphenyl	102 DIL	(40 - 138)
	106 DIL	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5H09123 **Work Order #...:** HHE421AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5H120155-001 HHE421AE-MSD
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224218
Dilution Factor: 100 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 10 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**350**	**11000**	**ug/kg**	**3090**		**SW846 8082**
	Qualifiers: DIL,a						
	ND	**350**	**8300**	**ug/kg**	**2350**	**27**	**SW846 8082**
	Qualifiers: DIL,a						
Aroclor 1260	**4500**	**350**	**3600**	**ug/kg**	**0.0**		**SW846 8082**
	Qualifiers: DIL,a						
	4500	**350**	**2200**	**ug/kg**	**0.0**	**0.0**	**SW846 8082**
	Qualifiers: DIL,a						

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	107 DIL	(10 - 127)
	164	(10 - 127)
	Qualifiers: DIL,*	
Decachlorobiphenyl	97 DIL	(40 - 138)
	79 DIL	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5H09123 **Work Order #...:** HHE421AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5H120155-001 HHE421AE-MSD
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/12/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224218
Dilution Factor: 100 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 10 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**3090 DIL,**	**(10 - 200)**			**SW846 8082**
	2350 DIL,	**(10 - 200)**	**27**	**(0-30)**	**SW846 8082**
Aroclor 1260	**0.0 DIL,a**	**(10 - 200)**			**SW846 8082**
	0.0 DIL,a	**(10 - 200)**	**0.0**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	107 DIL	(10 - 127)
	164	(10 - 127)
	Qualifiers: DIL,*	
Decachlorobiphenyl	97 DIL	(40 - 138)
	79 DIL	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5H09123 **Work Order #...:** HHE561AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5H120155-026 HHE561AE-MSD
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/13/05 **Analysis Date..:** 08/15/05
Prep Batch #...: 5224225
Dilution Factor: 5 **Initial Wgt/Vol:** 30.05 g **Final Wgt/Vol..:** 10 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**390**	**1100**	**ug/kg**	**286**		**SW846 8082**
	Qualifiers: DIL,a						
	ND	**400**	**1100**	**ug/kg**	**273**	**4.2**	**SW846 8082**
	Qualifiers: DIL,a						
Aroclor 1260	**160**	**390**	**640**	**ug/kg**	**121**		**SW846 8082**
	Qualifiers: DIL						
	160	**400**	**670**	**ug/kg**	**128**	**3.9**	**SW846 8082**
	Qualifiers: DIL						

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	112 DIL	(10 - 127)
	99 DIL	(10 - 127)
Decachlorobiphenyl	143	(40 - 138)
	Qualifiers: DIL,*	
	136 DIL	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5H09123 **Work Order #...:** HHE561AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5H120155-026 HHE561AE-MSD
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
Prep Date.....: 08/13/05 **Analysis Date..:** 08/15/05
Prep Batch #...: 5224225
Dilution Factor: 5 **Initial Wgt/Vol:** 30.05 g **Final Wgt/Vol..:** 10 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**286 DIL,a**	**(10 - 200)**			**SW846 8082**
	273 DIL,a	**(10 - 200)**	**4.2**	**(0-30)**	**SW846 8082**
Aroclor 1260	**121 DIL**	**(10 - 200)**			**SW846 8082**
	128 DIL	**(10 - 200)**	**3.9**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	112 DIL	(10 - 127)
	99 DIL	(10 - 127)
Decachlorobiphenyl	143	(40 - 138)
	Qualifiers: DIL,*	
	136 DIL	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5H09123 **Work Order #...:** HHE3E1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: A5H120146-003 HHE3E1AG-MSD
Date Sampled...: 08/11/05 16:55 **Date Received..:** 08/12/05
Prep Date.....: 08/13/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224226
Dilution Factor: 1 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 22

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**430**	**220**	**ug/kg**	**52**		**SW846 8082**
	ND	**430**	**510**	**ug/kg**	**120 p**	**80**	**SW846 8082**
Aroclor 1260	**11**	**430**	**210**	**ug/kg**	**47**		**SW846 8082**
	11	**430**	**500**	**ug/kg**	**115 p**	**80**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	43	(10 - 127)
	85	(10 - 127)
Decachlorobiphenyl	53	(40 - 138)
	119	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5H09123 **Work Order #...:** HHE3E1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: A5H120146-003 HHE3E1AG-MSD
Date Sampled...: 08/11/05 16:55 **Date Received..:** 08/12/05
Prep Date.....: 08/13/05 **Analysis Date..:** 08/14/05
Prep Batch #...: 5224226
Dilution Factor: 1 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 22

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**52**	**(10 - 200)**			**SW846 8082**
	120 p	**(10 - 200)**	**80**	**(0-30)**	**SW846 8082**
Aroclor 1260	**47**	**(10 - 200)**			**SW846 8082**
	115 p	**(10 - 200)**	**80**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	43	(10 - 127)
	85	(10 - 127)
Decachlorobiphenyl	53	(40 - 138)
	119	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

GENERAL CHEMISTRY DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080805-SSH-316

General Chemistry

Lot-Sample #...: A5H090123-001 **Work Order #...:** HG6Q0 **Matrix.....:** SO
Date Sampled...: 08/08/05 11:00 **Date Received..:** 08/09/05
% Moisture.....: 18

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**81.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/09-08/10/05**	**5221342**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-080805-SSH-317

General Chemistry

Lot-Sample #...: A5H090123-002 **Work Order #...:** HG6Q2 **Matrix.....:** SO
Date Sampled...: 08/08/05 11:15 **Date Received..:** 08/09/05
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**88.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/09-08/10/05**	**5221342**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-422

General Chemistry

Lot-Sample #...: A5H120155-001 **Work Order #...:** HHE42 **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
% Moisture.....: 5.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**94.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/12-08/15/05**	**5224239**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-423

General Chemistry

Lot-Sample #...: A5H120155-002 **Work Order #...:** HHE45 **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
% Moisture.....: 18

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**82.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/12-08/15/05**	**5224239**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-424

General Chemistry

Lot-Sample #...: A5H120155-003 **Work Order #...:** HHE46 **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
% Moisture.....: 6.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/12-08/15/05**	**5224239**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-425

General Chemistry

Lot-Sample #...: A5H120155-004 **Work Order #...:** HHE47 **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
% Moisture.....: 3.9

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**96.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/12-08/15/05**	**5224239**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-426

General Chemistry

Lot-Sample #...: A5H120155-005 **Work Order #...:** HHE48 **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
% Moisture.....: 5.5

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**94.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/12-08/15/05**	**5224239**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-427

General Chemistry

Lot-Sample #...: A5H120155-006 **Work Order #...:** HHE49 **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
% Moisture.....: 5.1

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**94.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/12-08/15/05**	**5224239**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-428

General Chemistry

Lot-Sample #...: A5H120155-007 **Work Order #...:** HHE5A **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
% Moisture.....: 5.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**94.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/12-08/15/05**	**5224239**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-429

General Chemistry

Lot-Sample #...: A5H120155-008 **Work Order #...:** HHE5C **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
% Moisture.....: 5.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**94.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/12-08/15/05**	**5224239**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-430

General Chemistry

Lot-Sample #...: A5H120155-009 **Work Order #...:** HHE5D **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
% Moisture.....: 8.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/12-08/15/05**	**5224239**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-431

General Chemistry

Lot-Sample #...: A5H120155-010 **Work Order #...:** HHE5E **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
% Moisture.....: 6.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/12-08/15/05**	**5224239**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-432

General Chemistry

Lot-Sample #...: A5H120155-011 **Work Order #...:** HHE5F **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
% Moisture.....: 8.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/12-08/15/05**	**5224239**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-433

General Chemistry

Lot-Sample #...: A5H120155-012 **Work Order #...:** HHE5H **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
% Moisture.....: 5.1

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**94.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/12-08/15/05**	**5224239**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-434

General Chemistry

Lot-Sample #...: A5H120155-013 **Work Order #...:** HHE5J **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
% Moisture.....: 20

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**80.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/12-08/15/05**	**5224239**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-435

General Chemistry

Lot-Sample #...: A5H120155-014 **Work Order #...:** HHE5K **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
% Moisture.....: 23

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**76.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/12-08/15/05**	**5224240**
	Dilution Factor: 1			MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-436

General Chemistry

Lot-Sample #...: A5H120155-015 **Work Order #...:** HHE5M **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
% Moisture.....: 23

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**76.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/12-08/15/05**	**5224240**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-437

General Chemistry

Lot-Sample #...: A5H120155-016 **Work Order #...:** HHE5N **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
% Moisture.....: 21

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**79.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/12-08/15/05**	**5224240**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-438

General Chemistry

Lot-Sample #...: A5H120155-017 **Work Order #...:** HHE5P **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
% Moisture.....: 20

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**80.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/12-08/15/05**	**5224240**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-439

General Chemistry

Lot-Sample #...: A5H120155-018 **Work Order #...:** HHE5Q **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
% Moisture.....: 18

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**81.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/12-08/15/05**	**5224240**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-440

General Chemistry

Lot-Sample #...: A5H120155-019 **Work Order #...:** HHE5R **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**85.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/12-08/15/05**	**5224240**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-441

General Chemistry

Lot-Sample #...: A5H120155-020 **Work Order #...:** HHE5V **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
% Moisture.....: 17

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**83.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/12-08/15/05**	**5224240**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-442

General Chemistry

Lot-Sample #...: A5H120155-021 **Work Order #...:** HHE50 **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
% Moisture.....: 22

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**78.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/12-08/15/05**	**5224240**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-443

General Chemistry

Lot-Sample #...: A5H120155-022 **Work Order #...:** HHE51 **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
% Moisture.....: 22

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**78.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/12-08/15/05**	**5224240**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-444

General Chemistry

Lot-Sample #...: A5H120155-023 **Work Order #...:** HHE53 **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**85.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/12-08/15/05**	**5224240**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-445

General Chemistry

Lot-Sample #...: A5H120155-024 **Work Order #...:** HHE54 **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
% Moisture.....: 18

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**81.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/12-08/15/05**	**5224240**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-318

General Chemistry

Lot-Sample #...: A5H120155-025 **Work Order #...:** HHE55 **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**89.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/12-08/15/05**	**5224240**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-081105-SSH-319

General Chemistry

Lot-Sample #...: A5H120155-026 **Work Order #...:** HHE56 **Matrix.....:** SO
Date Sampled...: 08/11/05 **Date Received..:** 08/12/05
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**84.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**08/12-08/15/05**	**5224240**

Dilution Factor: 1 MDL.....: 10.0

METHOD BLANK REPORT

General Chemistry

Client Lot #...: 5H09123 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids		Work Order #: HG8LR1AA		MB Lot-Sample #:	A5H090000-342	
	ND	10.0	%	MCAWW 160.3 MOD	08/09-08/10/05	5221342
		Dilution Factor: 1				
Percent Solids		Work Order #: HHJAL1AA		MB Lot-Sample #:	A5H120000-239	
	ND	10.0	%	MCAWW 160.3 MOD	08/12-08/15/05	5224239
		Dilution Factor: 1				
Percent Solids		Work Order #: HHJF41AA		MB Lot-Sample #:	A5H120000-240	
	ND	10.0	%	MCAWW 160.3 MOD	08/12-08/15/05	5224240
		Dilution Factor: 1				

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5H090123 **Work Order #...:** HG6H4-SMP **Matrix.....:** SOLID
HG6H4-DUP
Date Sampled...: 08/08/05 13:40 **Date Received..:** 08/09/05
% Moisture.....: 15

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5H090101-001		
	85.2	84.3	%	1.2	(0-20)	MCAWW 160.3 MOD	08/09-08/10/05	5221342

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5H090123 **Work Order #...:** HG6VC-SMP **Matrix.....:** SOLID
HG6VC-DUP
Date Sampled...: 08/08/05 15:01 **Date Received..:** 08/09/05
% Moisture.....: 8.9

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5H090131-002		
	91.1	90.2	%	0.92	(0-20)	MCAWW 160.3 MOD	08/09-08/10/05	5221342

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5H090123 **Work Order #...:** HHE2W-SMP **Matrix.....:** SOLID
HHE2W-DUP
Date Sampled...: 08/11/05 16:31 **Date Received..:** 08/12/05
% Moisture.....: 20

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5H120146-001		
	79.6	77.9	%	2.1	(0-20)	MCAWW 160.3 MOD	08/12-08/15/05	5224239

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5H090123 **Work Order #...:** HHE3E-SMP **Matrix.....:** SOLID
HHE3E-DUP
Date Sampled...: 08/11/05 16:55 **Date Received..:** 08/12/05
% Moisture.....: 22

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5H120146-003		
	78.1	78.0	%	0.23	(0-20)	MCAWW 160.3 MOD	08/12-08/15/05	5224239

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5H090123 **Work Order #...:** HHE5K-SMP HHE5K-DUP **Matrix.....:** SO

Date Sampled...: 08/11/05 **Date Received..:** 08/12/05

% Moisture.....: 23

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5H120155-014		
	76.6	80.1	%	4.4	(0-20)	MCAWW 160.3 MOD	08/12-08/15/05	5224240

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5H090123 **Work Order #...:** HHE6P-SMP **Matrix.....:** SOLID
HHE6P-DUP
Date Sampled...: 08/10/05 13:25 **Date Received..:** 08/12/05
% Moisture.....: 72

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5H120153-003		
	28.5	31.4	%	9.7	(0-20)	MCAWW 160.3 MOD	08/12-08/15/05	5224240

Dilution Factor: 1

SEVERN TRENT STL

END OF REPORT

TriMatrix Laboratories, Inc.

May 27, 2005

CRA - Plymouth, Michigan
Attn: Paul Wiseman
14496 Sheldon Road, Suite #200
Plymouth, MI 48170

Project: Saginaw Metals Casting Operation

Dear Paul Wiseman,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0505112	05/20/2005	Laboratory Services

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely

Gary L. Wood
Project Chemist

The total number of pages in this report, including this page, is 28.

TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**0505112**
Project:	Saginaw Metals Casting Operation	Description:	Laboratory Services
Client Sample ID:	**SO-051905-SSH-F01**	Sampled:	05/19/05 16:00
Lab Sample ID:	**0505112-01**	Sampled By:	Steven H.
Matrix:	Soil	Received:	05/20/05 08:45
Unit:	mg/kg dry	Prepared:	05/20/05 By: VAS
Dilution Factor:	1	Date Analyzed:	05/20/05 By: VAS
QC Batch:	0500885	Analytical Batch:	5052010
Percent Solids:	93		

EDB and DBCP by EPA Method 8011

CAS Number	Analyte	Analytical Result	RL
106-93-4	1,2-Dibromoethane	<0.0204	0.0204
96-12-8	1,2-Dibromo-3-chloropropane	<0.0102	0.0102

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**0505112**
Project:	Saginaw Metals Casting Operation	Description:	Laboratory Services
Client Sample ID:	**SO-051905-SSH-F01**	Sampled:	05/19/05 16:00
Lab Sample ID:	**0505112-01**	Sampled By:	Steven H.
Matrix:	Soil	Received:	05/20/05 08:45
Unit:	mg/kg dry	Prepared:	05/20/05 By: ASC
Dilution Factor:	1	Date Analyzed:	05/20/05 By: DJM
QC Batch:	0500888	Analytical Batch:	5052306
Percent Solids:	93		

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL
12674-11-2	PCB-1016	<0.330	0.330
11104-28-2	PCB-1221	<0.330	0.330
11141-16-5	PCB-1232	<0.330	0.330
53469-21-9	PCB-1242	<0.330	0.330
12672-29-6	PCB-1248	<0.330	0.330
11097-69-1	PCB-1254	<0.330	0.330
11096-82-5	PCB-1260	<0.330	0.330

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	88	*51-143*
Tetrachloro-m-xylene	89	*48-129*

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**0505112**
Project:	Saginaw Metals Casting Operation	Description:	Laboratory Services
Client Sample ID:	**SO-051905-SSH-F01**	Sampled:	05/19/05 16:00
Lab Sample ID:	**0505112-01**	Sampled By:	Steven H.
Matrix:	Soil	Received:	05/20/05 08:45
Unit:	mg/kg dry	Prepared:	05/20/05 By: ASC
Dilution Factor:	1	Date Analyzed:	05/20/05 By: JLW
QC Batch:	0500889	Analytical Batch:	5052426
Percent Solids:	93		

Organochlorine Pesticides by EPA Method 8081A

CAS Number	Analyte	Analytical Result	RL
309-00-2	Aldrin	<0.00170	0.00170
319-84-6	alpha-BHC	<0.00170	0.00170
319-85-7	beta-BHC	<0.00170	0.00170
319-86-8	delta-BHC	<0.00170	0.00170
58-89-9	gamma-BHC (lindane)	<0.00170	0.00170
5103-71-9	alpha-Chlordane	<0.00170	0.00170
5103-74-2	gamma-Chlordane	<0.00170	0.00170
72-54-8	4,4'-DDD	<0.00330	0.00330
72-55-9	4,4'-DDE	<0.00330	0.00330
50-29-3	4,4'-DDT	<0.00330	0.00330
60-57-1	Dieldrin	<0.00330	0.00330
959-98-8	Endosulfan I	<0.00170	0.00170
33213-65-9	Endosulfan II	<0.00330	0.00330
1031-07-8	Endosulfan Sulfate	<0.00330	0.00330
72-20-8	Endrin	<0.00330	0.00330
7421-93-4	Endrin Aldehyde	<0.00330	0.00330
53494-70-5	Endrin Ketone	<0.00330	0.00330
76-44-8	Heptachlor	<0.00170	0.00170
1024-57-3	Heptachlor Epoxide	<0.00170	0.00170
72-43-5	Methoxychlor	<0.00170	0.00170
8001-35-2	Toxaphene	<0.0830	0.0830

Surrogates	% Recovery	Control Limits
Decachlorobiphenyl	122	*56-167*
Tetrachloro-m-xylene	109	*58-137*

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**0505112**
Project:	Saginaw Metals Casting Operation	Description:	Laboratory Services
Client Sample ID:	**SO-051905-SSH-F01**	Sampled:	05/19/05 16:00
Lab Sample ID:	**0505112-01**	Sampled By:	Steven H.
Matrix:	Soil	Received:	05/20/05 08:45
Unit:	mg/kg dry	Prepared:	05/20/05 By: ASC
Dilution Factor:	5	Date Analyzed:	05/25/05 By: SJP
QC Batch:	0500890	Analytical Batch:	5052607
Percent Solids:	93		

Chlorinated Herbicides by EPA Method 8151A

CAS Number	Analyte	Analytical Result	RL
94-75-7	2,4-D	<0.430	0.430
93-76-5	2,4,5-T	<0.108	0.108
93-72-1	2,4,5-TP (Silvex)	<0.108	0.108

Surrogates	% Recovery	Control Limits
2,4-Dichlorophenylacetic Acid	107	*25-114*

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**0505112**
Project:	Saginaw Metals Casting Operation	Description:	Laboratory Services
Client Sample ID:	**SO-051905-SSH-F01**	Sampled:	05/19/05 16:00
Lab Sample ID:	**0505112-01**	Sampled By:	Steven H.
Matrix:	Soil	Received:	05/20/05 08:45
Unit:	mg/kg dry	Prepared:	05/20/05 By: ASC
Dilution Factor:	1	Date Analyzed:	05/22/05 By: ZZZ
QC Batch:	0500891	Analytical Batch:	5052301
Percent Solids:	93		

Semivolatile Organic Compounds by EPA Method 8270C

CAS Number	Analyte	Analytical Result	RL
100-52-7	Benzaldehyde	<0.355	0.355
108-95-2	Phenol	<0.355	0.355
111-44-4	Bis(2-chloroethyl) Ether	<0.108	0.108
95-57-8	2-Chlorophenol	<0.355	0.355
95-48-7	2-Methylphenol	<0.355	0.355
108-60-1	Bis(2-chloroisopropyl) Ether	<0.355	0.355
98-86-2	Acetophenone	<0.355	0.355
106-44-5	4-Methylphenol	<0.355	0.355
621-64-7	N-Nitroso-di-n-propylamine	<0.355	0.355
67-72-1	Hexachloroethane	<0.323	0.323
98-95-3	Nitrobenzene	<0.355	0.355
78-59-1	Isophorone	<0.355	0.355
88-75-5	2-Nitrophenol	<0.355	0.355
105-67-9	2,4-Dimethylphenol	<0.355	0.355
111-91-1	Bis(2-chloroethoxy)methane	<0.355	0.355
120-83-2	2,4-Dichlorophenol	<0.355	0.355
91-20-3	Naphthalene	<0.355	0.355
106-47-8	4-Chloroaniline	<0.355	0.355
87-68-3	Hexachlorobutadiene	<0.0538	0.0538
105-60-2	Caprolactam	<0.355	0.355
59-50-7	4-Chloro-3-methylphenol	<0.301	0.301
91-57-6	2-Methylnaphthalene	<0.355	0.355
77-47-4	Hexachlorocyclopentadiene	<0.355	0.355
88-06-2	2,4,6-Trichlorophenol	<0.355	0.355
95-95-4	2,4,5-Trichlorophenol	<0.355	0.355
91-58-7	2-Chloronaphthalene	<0.355	0.355
92-52-4	1,1'-Biphenyl	<0.355	0.355
88-74-4	2-Nitroaniline	<0.355	0.355
131-11-3	Dimethyl Phthalate	<0.355	0.355
606-20-2	2,6-Dinitrotoluene	<0.355	0.355

Continued on next page

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

Client:	**CRA - Plymouth, Michigan**	Work Order:	**0505112**
Project:	Saginaw Metals Casting Operation	Description:	Laboratory Services
Client Sample ID:	**SO-051905-SSH-F01**	Sampled:	05/19/05 16:00
Lab Sample ID:	**0505112-01**	Sampled By:	Steven H.
Matrix:	Soil	Received:	05/20/05 08:45
Unit:	mg/kg dry	Prepared:	05/20/05 By: ASC
Dilution Factor:	1	Date Analyzed:	05/22/05 By: ZZZ
QC Batch:	0500891	Analytical Batch:	5052301
Percent Solids:	93		

Semivolatile Organic Compounds by EPA Method 8270C (Continued)

CAS Number	Analyte	Analytical Result	RL
208-96-8	Acenaphthylene	<0.355	0.355
99-09-2	3-Nitroaniline	<0.355	0.355
83-32-9	Acenaphthene	<0.355	0.355
51-28-5	2,4-Dinitrophenol	<0.355	0.355
100-02-7	4-Nitrophenol	<0.355	0.355
132-64-9	Dibenzofuran	<0.355	0.355
121-14-2	2,4-Dinitrotoluene	<0.355	0.355
84-66-2	Diethyl Phthalate	<0.355	0.355
86-73-7	Fluorene	<0.355	0.355
7005-72-3	4-Chlorophenyl Phenyl Ether	<0.355	0.355
100-01-6	4-Nitroaniline	<0.355	0.355
534-52-1	4,6-Dinitro-2-methylphenol	<0.355	0.355
86-30-6	N-Nitroso-diphenylamine	<0.355	0.355
101-55-3	4-Bromophenyl Phenyl Ether	<0.355	0.355
118-74-1	Hexachlorobenzene	<0.355	0.355
1912-24-9	Atrazine	<0.0538	0.0538
87-86-5	Pentachlorophenol	<0.0215	0.0215
85-01-8	Phenanthrene	<0.355	0.355
120-12-7	Anthracene	<0.355	0.355
86-74-8	Carbazole	<0.355	0.355
84-74-2	Di-n-butyl Phthalate	<0.355	0.355
206-44-0	Fluoranthene	<0.355	0.355
129-00-0	Pyrene	<0.355	0.355
85-68-7	Butyl Benzyl Phthalate	<0.355	0.355
91-94-1	3,3´-Dichlorobenzidine	<0.355	0.355
56-55-3	Benzo(a)anthracene	<0.355	0.355
218-01-9	Chrysene	<0.355	0.355
117-81-7	Bis(2-ethylhexyl) Phthalate	<0.355	0.355
117-84-0	Di-n-octyl Phthalate	<0.355	0.355
205-99-2	Benzo(b)fluoranthene	<0.355	0.355
207-08-9	Benzo(k)fluoranthene	<0.355	0.355
50-32-8	Benzo(a)pyrene	<0.355	0.355

Continued on next page

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

Client:	**CRA - Plymouth, Michigan**	Work Order:	**0505112**
Project:	Saginaw Metals Casting Operation	Description:	Laboratory Services
Client Sample ID:	**SO-051905-SSH-F01**	Sampled:	05/19/05 16:00
Lab Sample ID:	**0505112-01**	Sampled By:	Steven H.
Matrix:	Soil	Received:	05/20/05 08:45
Unit:	mg/kg dry	Prepared:	05/20/05 By: ASC
Dilution Factor:	1	Date Analyzed:	05/22/05 By: ZZZ
QC Batch:	0500891	Analytical Batch:	5052301
Percent Solids:	93		

Semivolatile Organic Compounds by EPA Method 8270C (Continued)

CAS Number	Analyte	Analytical Result	RL
193-39-5	Indeno(1,2,3-cd)pyrene	<0.355	0.355
53-70-3	Dibenz(a,h)anthracene	<0.355	0.355
191-24-2	Benzo(g,h,i)perylene	<0.355	0.355

Surrogates	% Recovery	Control Limits
2-Fluorophenol	100	*29-115*
Phenol-d6	104	*38-107*
Nitrobenzene-d5	92	*40-132*
2-Fluorobiphenyl	83	*50-118*
2,4,6-Tribromophenol	81	*22-113*
o-Terphenyl	98	*41-125*

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**0505112**
Project:	Saginaw Metals Casting Operation	Description:	Laboratory Services
Client Sample ID:	**SO-051905-SSH-F01**	Sampled:	05/19/05 16:00
Lab Sample ID:	**0505112-01**	Sampled By:	Steven H.
Matrix:	Soil	Received:	05/20/05 08:45
Unit:	mg/kg dry	Prepared:	05/19/05 By: JDM
Dilution Factor:	1	Date Analyzed:	05/25/05 By: JDM
QC Batch:	0500966	Analytical Batch:	5052509
Percent Solids:	93		

Volatile Organics by EPA Method 8260B (High Level)

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<0.806	0.806
71-43-2	Benzene	<0.0538	0.0538
75-27-4	Bromodichloromethane	<0.0538	0.0538
75-25-2	Bromoform	<0.0538	0.0538
74-83-9	Bromomethane	<0.0538	0.0538
75-15-0	Carbon Disulfide	<0.269	0.269
56-23-5	Carbon Tetrachloride	<0.0538	0.0538
108-90-7	Chlorobenzene	<0.0538	0.0538
75-00-3	Chloroethane	<0.0538	0.0538
67-66-3	Chloroform	<0.0538	0.0538
74-87-3	Chloromethane	<0.0538	0.0538
110-82-7	Cyclohexane	<0.269	0.269
124-48-1	Dibromochloromethane	<0.0538	0.0538
95-50-1	1,2-Dichlorobenzene	<0.0538	0.0538
541-73-1	1,3-Dichlorobenzene	<0.0538	0.0538
106-46-7	1,4-Dichlorobenzene	<0.0538	0.0538
75-71-8	Dichlorodifluoromethane	<0.0538	0.0538
75-34-3	1,1-Dichloroethane	<0.0538	0.0538
107-06-2	1,2-Dichloroethane	<0.0538	0.0538
75-35-4	1,1-Dichloroethene	<0.0538	0.0538
156-59-2	cis-1,2-Dichloroethene	<0.0538	0.0538
156-60-5	trans-1,2-Dichloroethene	<0.0538	0.0538
78-87-5	1,2-Dichloropropane	<0.0538	0.0538
10061-01-5	cis-1,3-Dichloropropene	<0.0538	0.0538
10061-02-6	trans-1,3-Dichloropropene	<0.0538	0.0538
100-41-4	Ethylbenzene	<0.0538	0.0538
591-78-6	2-Hexanone	<2.69	2.69
98-82-8	Isopropylbenzene	<0.0538	0.0538
79-20-9	Methyl Acetate	<0.269	0.269
1634-04-4	Methyl tert-Butyl Ether	<0.0538	0.0538

Continued on next page

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

Client:	**CRA - Plymouth, Michigan**	Work Order:	**0505112**
Project:	Saginaw Metals Casting Operation	Description:	Laboratory Services
Client Sample ID:	**SO-051905-SSH-F01**	Sampled:	05/19/05 16:00
Lab Sample ID:	**0505112-01**	Sampled By:	Steven H.
Matrix:	Soil	Received:	05/20/05 08:45
Unit:	mg/kg dry	Prepared:	05/19/05 By: JDM
Dilution Factor:	1	Date Analyzed:	05/25/05 By: JDM
QC Batch:	0500966	Analytical Batch:	5052509
Percent Solids:	93		

Volatile Organics by EPA Method 8260B (High Level) (Continued)

CAS Number	Analyte	Analytical Result	RL
108-87-2	Methylcyclohexane	<0.269	0.269
75-09-2	Methylene Chloride	<0.108	0.108
78-93-3	2-Butanone (MEK)	<2.69	2.69
108-10-1	4-Methyl-2-pentanone (MIBK)	<2.69	2.69
100-42-5	Styrene	<0.0538	0.0538
79-34-5	1,1,2,2-Tetrachloroethane	<0.0538	0.0538
127-18-4	Tetrachloroethene	<0.0538	0.0538
108-88-3	Toluene	<0.0538	0.0538
120-82-1	1,2,4-Trichlorobenzene	<0.0538	0.0538
71-55-6	1,1,1-Trichloroethane	<0.0538	0.0538
79-00-5	1,1,2-Trichloroethane	<0.0538	0.0538
79-01-6	Trichloroethene	<0.0538	0.0538
75-69-4	Trichlorofluoromethane	<0.0538	0.0538
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	<0.0538	0.0538
75-01-4	Vinyl Chloride	<0.0430	0.0430
136777-61-2	Xylene, Meta + Para	<0.108	0.108
95-47-6	Xylene, Ortho	<0.0538	0.0538

Surrogates	***% Recovery***	***Control Limits***
Dibromofluoromethane	99	*78-121*
1,2-Dichloroethane-d4	101	*66-124*
Toluene-d8	100	*85-114*
4-Bromofluorobenzene	101	*69-119*

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**0505112**
Project:	Saginaw Metals Casting Operation	Description:	Laboratory Services
Client Sample ID:	**SO-051905-SSH-F01**	Sampled:	05/19/05 16:00
Lab Sample ID:	**0505112-01**	Sampled By:	Steven H.
Matrix:	Soil	Received:	05/20/05 08:45
Percent Solids:	93		

Total Metals by EPA 6000/7000 Series Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Antimony	<0.10	0.10	mg/kg	1	USEPA-6020	05/24/05	JMF	0500899
Arsenic	**0.37**	0.10	mg/kg	1	USEPA-6020	05/24/05	JMF	0500895
Barium	**7.4**	1.0	mg/kg	1	USEPA-6010B	05/24/05	JLT	0500894
Beryllium	<0.10	0.10	mg/kg	1	USEPA-6020	05/24/05	JMF	0500895
Cadmium	<0.050	0.050	mg/kg	1	USEPA-6020	05/24/05	JMF	0500895
Chromium	**2.6**	0.10	mg/kg	1	USEPA-6020	05/24/05	JMF	0500895
Cobalt	**0.82**	0.10	mg/kg	1	USEPA-6020	05/24/05	JMF	0500895
Copper	<1.0	1.0	mg/kg	1	USEPA-6010B	05/24/05	JLT	0500894
Iron	**1800**	1.0	mg/kg	1	USEPA-6010B	05/24/05	JLT	0500894
Lead	**0.96**	0.10	mg/kg	1	USEPA-6020	05/24/05	JMF	0500895
Molybdenum	<0.10	0.10	mg/kg	1	USEPA-6020	05/24/05	JMF	0500895
Mercury	<0.050	0.050	mg/kg	1	USEPA-7471A	05/24/05	DSC	0500900
Nickel	**2.0**	0.10	mg/kg	1	USEPA-6020	05/24/05	JMF	0500895
Selenium	<0.10	0.10	mg/kg	1	USEPA-6020	05/24/05	JMF	0500895
Silver	<0.05	0.05	mg/kg	1	USEPA-6020	05/24/05	JMF	0500895
Thallium	<0.10	0.10	mg/kg	1	USEPA-6020	05/24/05	JMF	0500895
Vanadium	**4.0**	0.10	mg/kg	1	USEPA-6020	05/24/05	JMF	0500895
Zinc	**3.4**	1.0	mg/kg	1	USEPA-6020	05/24/05	JMF	0500895

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**0505112**
Project:	Saginaw Metals Casting Operation	Description:	Laboratory Services
Client Sample ID:	**SO-051905-SSH-F01**	Sampled:	05/19/05 16:00
Lab Sample ID:	**0505112-01**	Sampled By:	Steven H.
Matrix:	Soil	Received:	05/20/05 08:45

Physical / Chemical Parameters by EPA / APHA / ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**93**	0.1	%	1	USEPA-3550B	05/20/05	JMJ	0500901

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

TriMatrix Laboratories, Inc.

QUALITY CONTROL REPORT

EDB and DBCP by EPA Method 8011

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 0500885 Method-Specific Extraction/USEPA-8011								
Method Blank						Analyzed:	05/20/2005	By: VAS
Unit: mg/kg wet						Analytical Batch:	5052010	
1,2-Dibromoethane			<0.0200				0.0200	
1,2-Dibromo-3-chloropropane			<0.0100				0.0100	
Laboratory Control Sample						Analyzed:	05/20/2005	By: VAS
Unit: mg/kg wet						Analytical Batch:	5052010	
1,2-Dibromoethane		0.0134	0.0142	106	70-130		0.0200	
1,2-Dibromo-3-chloropropane		0.0134	0.0172	128	70-130		0.0100	

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

TriMatrix Laboratories, Inc.

QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 0500888 3550B Sonication Extraction/USEPA-8082								
Method Blank						Analyzed:	05/20/2005	By: DJM
Unit: mg/kg wet						Analytical Batch:	5052306	
PCB-1016			<0.330				0.330	
PCB-1221			<0.330				0.330	
PCB-1232			<0.330				0.330	
PCB-1242			<0.330				0.330	
PCB-1248			<0.330				0.330	
PCB-1254			<0.330				0.330	
PCB-1260			<0.330				0.330	
Surrogates								
Decachlorobiphenyl				91	*51-143*			
Tetrachloro-m-xylene				95	*48-129*			
Laboratory Control Sample						Analyzed:	05/20/2005	By: DJM
Unit: mg/kg wet						Analytical Batch:	5052306	
PCB-1254	0.167		0.121	72	52-156		0.330	
Surrogates								
Decachlorobiphenyl				87	*51-143*			
Tetrachloro-m-xylene				100	*48-129*			

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

TriMatrix Laboratories, Inc.

QUALITY CONTROL REPORT

Organochlorine Pesticides by EPA Method 8081A

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 0500889 3550B Sonication Extraction/USEPA-8081A								
Method Blank						Analyzed:	05/20/2005	By: JLW
Unit: mg/kg wet						Analytical Batch:	5052426	
Aldrin			<0.00170				0.00170	
alpha-BHC			<0.00170				0.00170	
beta-BHC			<0.00170				0.00170	
delta-BHC			<0.00170				0.00170	
gamma-BHC (lindane)			<0.00170				0.00170	
alpha-Chlordane			<0.00170				0.00170	
gamma-Chlordane			<0.00170				0.00170	
4,4'-DDD			<0.00330				0.00330	
4,4'-DDE			<0.00330				0.00330	
4,4'-DDT			<0.00330				0.00330	
Dieldrin			<0.00330				0.00330	
Endosulfan I			<0.00170				0.00170	
Endosulfan II			<0.00330				0.00330	
Endosulfan Sulfate			<0.00330				0.00330	
Endrin			<0.00330				0.00330	
Endrin Aldehyde			<0.00330				0.00330	
Endrin Ketone			<0.00330				0.00330	
Heptachlor			<0.00170				0.00170	
Heptachlor Epoxide			<0.00170				0.00170	
Methoxychlor			<0.0170				0.0170	
Toxaphene			<0.0830				0.0830	
Surrogates								
Decachlorobiphenyl				118	*56-167*			
Tetrachloro-m-xylene				105	*58-137*			
Laboratory Control Sample						Analyzed:	05/20/2005	By: JLW
Unit: mg/kg wet						Analytical Batch:	5052426	
Aldrin	0.0133		0.0154	116	46-152		0.00170	
alpha-BHC	0.0133		0.0137	103	35-142		0.00170	
beta-BHC	0.0133		0.0169	127	41-144		0.00170	
delta-BHC	0.0133		0.0192	144	15-156		0.00170	
gamma-BHC (lindane)	0.0133		0.0157	118	46-152		0.00170	
*alpha-Chlordane	0.0133		0.0157	**118**	69-117		0.00170	
gamma-Chlordane	0.0133		0.0153	115	77-116		0.00170	
4,4'-DDD	0.0133		0.0132	99	68-137		0.00330	
4,4'-DDE	0.0133		0.0131	98	50-133		0.00330	

Continued on next page

*See Statment of Data Qualifications

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

Organochlorine Pesticides by EPA Method 8081A (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 0500889 (Continued) 3550B Sonication Extraction/USEPA-8081A

Laboratory Control Sample (Continued) Analyzed: 05/20/2005 By: JLW

Unit: mg/kg wet Analytical Batch: 5052426

4,4'-DDT	0.0133	0.0159	120	49-162			0.00330
Dieldrin	0.0133	0.0148	111	43-167			0.00330
Endosulfan I	0.0133	0.0153	115	41-119			0.00170
Endosulfan II	0.0133	0.0132	99	34-143			0.00330
Endosulfan Sulfate	0.0133	0.0160	120	40-156			0.00330
Endrin	0.0133	0.0160	120	57-167			0.00330
Endrin Aldehyde	0.0133	0.0160	120	25-145			0.00330
Endrin Ketone	0.0133	0.0160	120	59-126			0.00330
Heptachlor	0.0133	0.0150	113	39-162			0.00170
Heptachlor Epoxide	0.0133	0.0166	125	52-140			0.00170
Methoxychlor	0.0133	0.0182	137	38-160			0.0170
Surrogates							
Decachlorobiphenyl			120	*56-167*			
Tetrachloro-m-xylene			106	*58-137*			

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

TriMatrix Laboratories, Inc.

QUALITY CONTROL REPORT

Chlorinated Herbicides by EPA Method 8151A

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 0500890 3550B Sonication Extraction/USEPA-8151A								
Method Blank						Analyzed:	05/25/2005	By: SJP
Unit: mg/kg wet						Analytical Batch:	5052607	
2,4-D			<0.0800				0.0800	
2,4,5-T			<0.0200				0.0200	
2,4,5-TP (Silvex)			<0.0200				0.0200	
Surrogates								
**2,4-Dichlorophenylacetic Acid*				**127**	*25-114*			
Laboratory Control Sample						Analyzed:	05/25/2005	By: SJP
Unit: mg/kg wet						Analytical Batch:	5052607	
2,4-D	0.0833		0.100	120	36-123		0.0800	
2,4,5-T	0.00833		0.0109	131	15-165		0.0200	
*2,4,5-TP (Silvex)	0.00833		0.0113	**136**	37-98		0.0200	
Surrogates								
**2,4-Dichlorophenylacetic Acid*				**123**	*25-114*			

*See Statment of Data Qualifications

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

QUALITY CONTROL REPORT

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 0500891 3550B Sonication Extraction/USEPA-8270C

Method Blank Analyzed: 05/22/2005 By: ZZZ

Unit: mg/kg wet Analytical Batch: 5052301

Benzaldehyde	<0.330	0.330
Phenol	<0.330	0.330
Bis(2-chloroethyl) Ether	<0.100	0.100
2-Chlorophenol	<0.330	0.330
2-Methylphenol	<0.330	0.330
Bis(2-chloroisopropyl) Ether	<0.330	0.330
Acetophenone	<0.330	0.330
4-Methylphenol	<0.330	0.330
N-Nitroso-di-n-propylamine	<0.330	0.330
Hexachloroethane	<0.300	0.300
Nitrobenzene	<0.330	0.330
Isophorone	<0.330	0.330
2-Nitrophenol	<0.330	0.330
2,4-Dimethylphenol	<0.330	0.330
Bis(2-chloroethoxy)methane	<0.330	0.330
2,4-Dichlorophenol	<0.330	0.330
Naphthalene	<0.330	0.330
4-Chloroaniline	<0.330	0.330
Hexachlorobutadiene	<0.0500	0.0500
Caprolactam	<0.330	0.330
4-Chloro-3-methylphenol	<0.280	0.280
2-Methylnaphthalene	<0.330	0.330
Hexachlorocyclopentadiene	<0.330	0.330
2,4,6-Trichlorophenol	<0.330	0.330
2,4,5-Trichlorophenol	<0.330	0.330
2-Chloronaphthalene	<0.330	0.330
1,1'-Biphenyl	<0.330	0.330
2-Nitroaniline	<0.330	0.330
Dimethyl Phthalate	<0.330	0.330
2,6-Dinitrotoluene	<0.330	0.330
Acenaphthylene	<0.330	0.330
3-Nitroaniline	<0.330	0.330
Acenaphthene	<0.330	0.330
2,4-Dinitrophenol	<0.330	0.330
4-Nitrophenol	<0.330	0.330
Dibenzofuran	<0.330	0.330

Continued on next page

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 0500891 (Continued) 3550B Sonication Extraction/USEPA-8270C

Method Blank (Continued) Analyzed: 05/22/2005 By: ZZZ

Unit: mg/kg wet Analytical Batch: 5052301

2,4-Dinitrotoluene	<0.330				0.330
Diethyl Phthalate	<0.330				0.330
Fluorene	<0.330				0.330
4-Chlorophenyl Phenyl Ether	<0.330				0.330
4-Nitroaniline	<0.330				0.330
4,6-Dinitro-2-methylphenol	<0.330				0.330
N-Nitroso-diphenylamine	<0.330				0.330
4-Bromophenyl Phenyl Ether	<0.330				0.330
Hexachlorobenzene	<0.330				0.330
Atrazine	<0.0500				0.0500
Pentachlorophenol	<0.0200				0.0200
Phenanthrene	<0.330				0.330
Anthracene	<0.330				0.330
Carbazole	<0.330				0.330
Di-n-butyl Phthalate	<0.330				0.330
Fluoranthene	<0.330				0.330
Pyrene	<0.330				0.330
Butyl Benzyl Phthalate	<0.330				0.330
3,3´-Dichlorobenzidine	<0.330				0.330
Benzo(a)anthracene	<0.330				0.330
Chrysene	<0.330				0.330
Bis(2-ethylhexyl) Phthalate	<0.330				0.330
Di-n-octyl Phthalate	<0.330				0.330
Benzo(b)fluoranthene	<0.330				0.330
Benzo(k)fluoranthene	<0.330				0.330
Benzo(a)pyrene	<0.330				0.330
Indeno(1,2,3-cd)pyrene	<0.330				0.330
Dibenz(a,h)anthracene	<0.330				0.330
Benzo(g,h,i)perylene	<0.330				0.330

Surrogates

2-Fluorophenol	106	*29-115*
Phenol-d6	**112**	*38-107*
Nitrobenzene-d5	98	*40-132*
2-Fluorobiphenyl	91	*50-118*
2,4,6-Tribromophenol	77	*22-113*
o-Terphenyl	114	*41-125*

Continued on next page

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 0500891 (Continued) 3550B Sonication Extraction/USEPA-8270C

Laboratory Control Sample — Analyzed: 05/22/2005 By: ZZZ

Unit: mg/kg wet — Analytical Batch: 5052301

Phenol	0.500	0.522	104	54-138		0.330
2-Chlorophenol	0.500	0.533	107	51-133		0.330
N-Nitroso-di-n-propylamine	0.333	0.335	101	43-126		0.330
Naphthalene	0.337	0.349	104	57-131		0.330
4-Chloro-3-methylphenol	0.500	0.528	106	57-131		0.280
Acenaphthene	0.333	0.302	91	47-115		0.330
4-Nitrophenol	0.500	0.454	91	41-126		0.330
2,4-Dinitrotoluene	0.333	0.262	79	44-139		0.330
Pentachlorophenol	0.500	0.446	89	25-133		0.0200
Pyrene	0.333	0.338	102	44-123		0.330
Surrogates						
2-Fluorophenol			105	*29-115*		
Phenol-d6			**108**	*38-107*		
Nitrobenzene-d5			99	*40-132*		
2-Fluorobiphenyl			92	*50-118*		
2,4,6-Tribromophenol			85	*22-113*		
o-Terphenyl			111	*41-125*		

Laboratory Control Sample Duplicate — Analyzed: 05/22/2005 By: ZZZ

Unit: mg/kg wet — Analytical Batch: 5052301

Phenol		0.525			0.6 20	0.330
2-Chlorophenol		0.531			0.4 20	0.330
N-Nitroso-di-n-propylamine		0.345			3 20	0.330
Naphthalene		0.347			0.6 20	0.330
4-Chloro-3-methylphenol		0.516			2 20	0.280
Acenaphthene		0.300			0.7 20	0.330
4-Nitrophenol		0.416			9 20	0.330
2,4-Dinitrotoluene		0.254			3 20	0.330
Pentachlorophenol		0.437			2 20	0.0200
Pyrene		0.357			5 20	0.330
Surrogates						
2-Fluorophenol			105	*29-115*		
Phenol-d6			107	*38-107*		
Nitrobenzene-d5			95	*40-132*		
2-Fluorobiphenyl			90	*50-118*		
2,4,6-Tribromophenol			80	*22-113*		

Continued on next page

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 0500891 (Continued) 3550B Sonication Extraction/USEPA-8270C

Laboratory Control Sample Duplicate (Continued) Analyzed: 05/22/2005 By: ZZZ

Unit: mg/kg wet Analytical Batch: 5052301

Surrogates (Continued)

o-Terphenyl				115	*41-125*			

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

Volatile Organics by EPA Method 8260B (High Level)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 0500966 5035 Soil Purge & Trap - MS/USEPA-8260B

Method Blank Analyzed: 05/25/2005 By: JDM

Unit: mg/kg wet Analytical Batch: 5052509

Acetone	<0.750		0.750
Benzene	<0.0500		0.0500
Bromodichloromethane	<0.0500		0.0500
Bromoform	<0.0500		0.0500
Bromomethane	<0.0500		0.0500
Carbon Disulfide	<0.250		0.250
Carbon Tetrachloride	<0.0500		0.0500
Chlorobenzene	<0.0500		0.0500
Chloroethane	<0.0500		0.0500
Chloroform	<0.0500		0.0500
Chloromethane	<0.0500		0.0500
Cyclohexane	<0.250		0.250
Dibromochloromethane	<0.0500		0.0500
1,2-Dichlorobenzene	<0.0500		0.0500
1,3-Dichlorobenzene	<0.0500		0.0500
1,4-Dichlorobenzene	<0.0500		0.0500
Dichlorodifluoromethane	<0.0500		0.0500
1,1-Dichloroethane	<0.0500		0.0500
1,2-Dichloroethane	<0.0500		0.0500
1,1-Dichloroethene	<0.0500		0.0500
cis-1,2-Dichloroethene	<0.0500		0.0500
trans-1,2-Dichloroethene	<0.0500		0.0500
1,2-Dichloropropane	<0.0500		0.0500
cis-1,3-Dichloropropene	<0.0500		0.0500
trans-1,3-Dichloropropene	<0.0500		0.0500
Ethylbenzene	<0.0500		0.0500
2-Hexanone	<2.50		2.50
Isopropylbenzene	<0.0500		0.0500
Methyl Acetate	<0.250		0.250
Methyl tert-Butyl Ether	<0.0500		0.0500
Methylcyclohexane	<0.250		0.250
Methylene Chloride	<0.100		0.100
2-Butanone (MEK)	<2.50		2.50
4-Methyl-2-pentanone (MIBK)	<2.50		2.50
Styrene	<0.0500		0.0500
1,1,2,2-Tetrachloroethane	<0.0500		0.0500

Continued on next page

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

Volatile Organics by EPA Method 8260B (High Level) (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 0500966 (Continued) 5035 Soil Purge & Trap - MS/USEPA-8260B								
Method Blank (Continued)						Analyzed:	05/25/2005	By: JDM
Unit: mg/kg wet						Analytical Batch:	5052509	
Tetrachloroethene			<0.0500				0.0500	
Toluene			<0.0500				0.0500	
1,2,4-Trichlorobenzene			<0.0500				0.0500	
1,1,1-Trichloroethane			<0.0500				0.0500	
1,1,2-Trichloroethane			<0.0500				0.0500	
Trichloroethene			<0.0500				0.0500	
Trichlorofluoromethane			<0.0500				0.0500	
1,1,2-Trichloro-1,2,2-trifluoroethane			<0.0500				0.0500	
Vinyl Chloride			<0.0400				0.0400	
Xylene, Meta + Para			<0.100				0.100	
Xylene, Ortho			<0.0500				0.0500	
Method Blank						Analyzed:	05/25/2005	By: JDM
Unit: ug/L						Analytical Batch:	5052509	
Surrogates								
Dibromofluoromethane				101	*78-121*			
1,2-Dichloroethane-d4				92	*66-124*			
Toluene-d8				102	*85-114*			
4-Bromofluorobenzene				102	*69-119*			
Laboratory Control Sample						Analyzed:	05/25/2005	By: JDM
Unit: mg/kg wet						Analytical Batch:	5052509	
Benzene	3.00		2.80	93	77-122		0.0500	
Chlorobenzene	3.00		2.75	92	76-128		0.0500	
1,1-Dichloroethene	3.00		2.68	89	71-129		0.0500	
Toluene	3.00		2.74	91	77-127		0.0500	
Trichloroethene	3.00		2.92	97	72-129		0.0500	
Laboratory Control Sample						Analyzed:	05/25/2005	By: JDM
Unit: ug/L						Analytical Batch:	5052509	
Surrogates								
Dibromofluoromethane				101	*78-121*			
1,2-Dichloroethane-d4				106	*66-124*			
Toluene-d8				100	*85-114*			
4-Bromofluorobenzene				98	*69-119*			

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

TriMatrix Laboratories, Inc.

QUALITY CONTROL REPORT

Total Metals by EPA 6000/7000 Series Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits RL
Analyte:	**Antimony**/USEPA-6020							
QC Batch: 0500899 (3050B Digestion)							Analyzed: 05/24/2005	By: JMF
Method Blank			<0.10	mg/kg				0.10
Laboratory Control Sample		20.0	17.2	mg/kg	86	71-115		0.10
Analyte:	**Arsenic**/USEPA-6020							
QC Batch: 0500895 (3050B Digestion)							Analyzed: 05/24/2005	By: JMF
Method Blank			<0.10	mg/kg				0.10
Laboratory Control Sample		20.0	18.5	mg/kg	92	83-118		0.10
Analyte:	**Barium**/USEPA-6010B							
QC Batch: 0500894 (3050B Digestion)							Analyzed: 05/24/2005	By: JLT
Method Blank			<1.0	mg/kg				1.0
Laboratory Control Sample		25.0	25.4	mg/kg	102	83-114		1.0
Analyte:	**Beryllium**/USEPA-6020							
QC Batch: 0500895 (3050B Digestion)							Analyzed: 05/24/2005	By: JMF
Method Blank			<0.10	mg/kg				0.10
Laboratory Control Sample		20.0	18.4	mg/kg	92	71-120		0.10
Analyte:	**Cadmium**/USEPA-6020							
QC Batch: 0500895 (3050B Digestion)							Analyzed: 05/24/2005	By: JMF
Method Blank			<0.050	mg/kg				0.050
Laboratory Control Sample		20.0	19.1	mg/kg	96	83-115		0.050
Analyte:	**Chromium**/USEPA-6020							
QC Batch: 0500895 (3050B Digestion)							Analyzed: 05/24/2005	By: JMF
Method Blank			<0.10	mg/kg				0.10
Laboratory Control Sample		20.0	20.5	mg/kg	102	77-123		0.10
Analyte:	**Cobalt**/USEPA-6020							
QC Batch: 0500895 (3050B Digestion)							Analyzed: 05/24/2005	By: JMF
Method Blank			<0.10	mg/kg				0.10

Continued on next page

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

TriMatrix Laboratories, Inc.

QUALITY CONTROL REPORT

Total Metals by EPA 6000/7000 Series Methods (Continued)

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits RL
Analyte:	**Cobalt**/USEPA-6020 (Continued)							
QC Batch: 0500895 (Continued) (3050B Digestion)							Analyzed: 05/24/2005	By: JMF
Laboratory Control Sample		20.0	21.5	mg/kg	108	75-114		0.10
Analyte:	**Copper**/USEPA-6010B							
QC Batch: 0500894 (3050B Digestion)							Analyzed: 05/24/2005	By: JLT
Method Blank			<1.0	mg/kg				1.0
Laboratory Control Sample		25.0	24.1	mg/kg	96	77-122		1.0
Analyte:	**Iron**/USEPA-6010B							
QC Batch: 0500894 (3050B Digestion)							Analyzed: 05/24/2005	By: JLT
Method Blank			<1.0	mg/kg				1.0
Laboratory Control Sample		25.0	25.5	mg/kg	102	80-118		1.0
Analyte:	**Lead**/USEPA-6020							
QC Batch: 0500895 (3050B Digestion)							Analyzed: 05/24/2005	By: JMF
Method Blank			<0.10	mg/kg				0.10
Laboratory Control Sample		20.0	19.9	mg/kg	100	83-119		0.10
Analyte:	**Mercury**/USEPA-7471A							
QC Batch: 0500900 (7471A Mercury Digestion)							Analyzed: 05/24/2005	By: DSC
Method Blank			<0.050	mg/kg				0.050
Laboratory Control Sample		0.333	0.325	mg/kg	98	79-126		0.050
Analyte:	**Molybdenum**/USEPA-6020							
QC Batch: 0500895 (3050B Digestion)							Analyzed: 05/24/2005	By: JMF
Method Blank			<0.10	mg/kg				0.10
Laboratory Control Sample		20.0	19.1	mg/kg	96	80-120		0.10
Analyte:	**Nickel**/USEPA-6020							
QC Batch: 0500895 (3050B Digestion)							Analyzed: 05/24/2005	By: JMF
Method Blank			<0.10	mg/kg				0.10

Continued on next page

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

TriMatrix Laboratories, Inc.

QUALITY CONTROL REPORT

Total Metals by EPA 6000/7000 Series Methods (Continued)

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits RL
Analyte:	**Nickel**/USEPA-6020 (Continued)							
QC Batch: 0500895 (Continued) (3050B Digestion)							Analyzed: 05/24/2005	By: JMF
Laboratory Control Sample		20.0	21.1	mg/kg	106	83-120		0.10
Analyte:	**Selenium**/USEPA-6020							
QC Batch: 0500895 (3050B Digestion)							Analyzed: 05/24/2005	By: JMF
Method Blank			<0.10	mg/kg				0.10
Laboratory Control Sample		20.0	17.3	mg/kg	86	77-112		0.10
Analyte:	**Silver**/USEPA-6020							
QC Batch: 0500895 (3050B Digestion)							Analyzed: 05/24/2005	By: JMF
Method Blank			<0.05	mg/kg				0.05
Laboratory Control Sample		20.0	20.4	mg/kg	102	85-117		0.05
Analyte:	**Thallium**/USEPA-6020							
QC Batch: 0500895 (3050B Digestion)							Analyzed: 05/24/2005	By: JMF
Method Blank			<0.10	mg/kg				0.10
Laboratory Control Sample		20.0	19.4	mg/kg	97	73-120		0.10
Analyte:	**Vanadium**/USEPA-6020							
QC Batch: 0500895 (3050B Digestion)							Analyzed: 05/24/2005	By: JMF
Method Blank			<0.10	mg/kg				0.10
Laboratory Control Sample		20.0	20.5	mg/kg	102	73-119		0.10
Analyte:	**Zinc**/USEPA-6020							
QC Batch: 0500895 (3050B Digestion)							Analyzed: 05/24/2005	By: JMF
Method Blank			<1.0	mg/kg				1.0
Laboratory Control Sample		20.0	18.5	mg/kg	92	75-120		1.0

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

TriMatrix Laboratories, Inc.

QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte:	**Percent Solids**/USEPA-3550B								
QC Batch: 0500901 (General Inorganic Prep)							Analyzed: 05/20/2005 By: JMJ		
Method Blank			<0.1	%					0.1
0505112-01 SO-051905-SSH-F01									
Duplicate	93		93	%			0	20	0.1

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

TriMatrix Laboratories, Inc.

STATEMENT OF DATA QUALIFICATIONS

Chlorinated Herbicides by EPA Method 8151A

Qualification: The RL for this analyte has been elevated due to sample matrix interference.

Analysis: USEPA-8151A

Sample/Analyte: 0505112-01 SO-051905-SSH-F01

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

Table of Contents

Return to Navigator

SEVERN TRENT STL

STL North Canton
4101 Shuffel Drive NW
North Canton, OH 44720

Tel: 330 497 9396 Fax: 330 497 0772
www.stl-inc.com

ANALYTICAL REPORT

PROJECT NO. 17075-30-02

GM SMCO SSOW# E131007
SDG #: 5I07148

Paul Wiseman (PM)

Conestoga Rovers & Assoc., Inc
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

SEVERN TRENT LABORATORIES, INC.

Denise D Heckler

Denise D. Heckler
Project Manager

October 3, 2005

CASE NARRATIVE

5I07148

The following report contains the analytical results for forty-seven solid samples submitted to STL North Canton by Conestoga-Rovers & Associates, Inc. from the GM SMCO SSOW# E131007 Site, project number 17075-30-02. The samples were received September 07, 2005, according to documented sample acceptance procedures.

This SDG consists of (3) laboratory ID's: A5I070148, A5I070158, and A5I070164.

STL utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

STL North Canton attests to the validity of the laboratory data generated by STL facilities reported herein. All analyses performed by STL facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. STL's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by a dry weight adjustment footnote at the bottom of the analytical report page. The list of parameters which are never reported on a dry weight basis is included on the Sample Summary.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

If you have any questions, please call the Project Manager, Denise D. Heckler, at 734-205-2535.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT." The total number of pages in this report is 153.

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The coolers were received at temperatures ranging from 5.2 to 5.8°C.

CASE NARRATIVE (continued)

POLYCHLORINATED BIPHENYLS-8082

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

The matrix spike/matrix spike duplicate(s) for S-17075-090605-JY-529 and S-17075-090605-JY-556 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

For sample(s) S-17075-090605-JY-512, S-17075-090605-JY-560, S-17075-090605-JY-561, S-17075-090605-JY-565, S-17075-090605-JY-536, and the LCS associated with batch 5250300, the recovery for one surrogate compound is outside acceptance criteria. Since the method criterion is that one of two surrogate compounds must meet acceptance criteria, no corrective action was required.

GENERAL CHEMISTRY

The analytical results met the requirements of the laboratory's QA/QC program.

QUALITY CONTROL ELEMENTS OF SW-846 METHODS

STL North Canton conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. STL North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples. These QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. The only exception is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed below.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals
Methylene chloride	Phthalate Esters	Copper
Acetone		Iron
2-Butanone		Zinc
		Lead*

- *for analyses run on TJA Trace ICP, ICPMS or GFAA only*

QUALITY CONTROL ELEMENTS OF SW-846 METHODS
(Continued)

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable. The acceptance criteria do not apply to samples that are diluted for organics if the native sample amount is 4x the concentration of the spike.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepped and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepped and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide, PCB, and PAH methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria.

STL North Canton Certifications and Approvals:

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225), Illinois (#200004), Kansas (#E10336), Massachusetts (#M-OH048), Maryland (#272), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), North Carolina (#39702), Ohio (#6090), OhioVAP (#CL0024), Rhode Island (#237), South Carolina (#92007001, #92007002, #92007003), Tennessee (#02903), Utah (#QUAN9), Virginia (#00011), West Virginia (#210), Wisconsin (#999518190),NAVY, ARMY, USDA Soil Permit, ACIL Seal of Excellence – Participating Lab Status Award (#82)

Y:\Barb\STL headers\Qc846-Narrative_060204.doc, Revised06/02/04 DJL

EXECUTIVE SUMMARY - Detection Highlights

5I07148 : A5I070148

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-17075-090605-JY-501 09/06/05 08:15	**001**			
Aroclor 1248	120	37	ug/kg	SW846 8082
Aroclor 1260	110	37	ug/kg	SW846 8082
Percent Solids	89.6	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-502 09/06/05 08:16	**002**			
Aroclor 1254	7300	700	ug/kg	SW846 8082
Percent Solids	94.4	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-503 09/06/05 08:17	**003**			
Aroclor 1254	60	38	ug/kg	SW846 8082
Percent Solids	86.7	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-504 09/06/05 08:18	**004**			
Aroclor 1254	7200	780	ug/kg	SW846 8082
Percent Solids	84.9	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-505 09/06/05 08:40	**005**			
Aroclor 1248	8900	860	ug/kg	SW846 8082
Aroclor 1260	1500	860	ug/kg	SW846 8082
Percent Solids	96.1	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-506 09/06/05 08:41	**006**			
Aroclor 1260	250	35	ug/kg	SW846 8082
Percent Solids	94.1	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-507 09/06/05 08:42	**007**			
Aroclor 1254	15000	1800	ug/kg	SW846 8082
Percent Solids	90.6	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-508 09/06/05 08:43	**008**			
Aroclor 1248	850	410	ug/kg	SW846 8082
Aroclor 1260	3200	410	ug/kg	SW846 8082
Percent Solids	79.9	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

5I07148 : A5I070148

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-17075-090605-JY-509 09/06/05 09:00	**009**			
Aroclor 1248	67	34	ug/kg	SW846 8082
Aroclor 1260	82	34	ug/kg	SW846 8082
Percent Solids	95.8	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-510 09/06/05 09:01	**010**			
Aroclor 1248	2500	170	ug/kg	SW846 8082
Aroclor 1260	1200	170	ug/kg	SW846 8082
Percent Solids	95.5	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-511 09/06/05 09:02	**011**			
Aroclor 1260	1900	180	ug/kg	SW846 8082
Percent Solids	93.4	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-512 09/06/05 09:03	**012**			
Aroclor 1254	40	40	ug/kg	SW846 8082
Percent Solids	82.2	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-513 09/06/05 09:25	**013**			
Aroclor 1248	170	36	ug/kg	SW846 8082
Aroclor 1260	100	36	ug/kg	SW846 8082
Percent Solids	92.1	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-514 09/06/05 09:26	**014**			
Aroclor 1248	890	180	ug/kg	SW846 8082
Aroclor 1260	2100	180	ug/kg	SW846 8082
Percent Solids	92.7	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-515 09/06/05 09:27	**015**			
Aroclor 1260	690	180	ug/kg	SW846 8082
Percent Solids	91.4	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-516 09/06/05 09:28	**016**			
Aroclor 1254	2200	390	ug/kg	SW846 8082
Percent Solids	85.0	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

5I07148 : A5I070148

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-17075-090605-JY-517 09/06/05 09:38	**017**			
Aroclor 1248	1100	750	ug/kg	SW846 8082
Aroclor 1260	9300	750	ug/kg	SW846 8082
Percent Solids	88.1	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-518 09/06/05 09:39	**018**			
Aroclor 1248	610	350	ug/kg	SW846 8082
Aroclor 1260	2500	350	ug/kg	SW846 8082
Percent Solids	94.9	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-519 09/06/05 09:40	**019**			
Aroclor 1248	280	180	ug/kg	SW846 8082
Aroclor 1260	930	180	ug/kg	SW846 8082
Percent Solids	93.2	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-520 09/06/05 09:41	**020**			
Aroclor 1248	16 J	39	ug/kg	SW846 8082
Aroclor 1260	13 J	39	ug/kg	SW846 8082
Percent Solids	83.9	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

5I07148 : A5I070158

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-17075-090605-JY-555 09/06/05 11:37	**001**			
Aroclor 1260	2200	410	ug/kg	SW846 8082
Percent Solids	81.3	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-556 09/06/05 11:38	**002**			
Aroclor 1254	820	230	ug/kg	SW846 8082
Percent Solids	71.4	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-557 09/06/05 11:39	**003**			
Aroclor 1260	110	44	ug/kg	SW846 8082
Percent Solids	75.3	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-558 09/06/05 11:45	**004**			
Aroclor 1260	290	75	ug/kg	SW846 8082
Percent Solids	87.9	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-559 09/06/05 11:46	**005**			
Aroclor 1260	23000	4100	ug/kg	SW846 8082
Percent Solids	79.8	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-560 09/06/05 11:47	**006**			
Aroclor 1260	74	43	ug/kg	SW846 8082
Percent Solids	77.5	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-561 09/06/05 11:48	**007**			
Aroclor 1254	120	45	ug/kg	SW846 8082
Percent Solids	74.0	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-562 09/06/05 11:50	**008**			
Aroclor 1248	3200	420	ug/kg	SW846 8082
Aroclor 1260	140 J	420	ug/kg	SW846 8082
Percent Solids	79.0	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

5I07148 : A5I070158

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-17075-090605-JY-563 09/06/05 11:55	**009**			
Aroclor 1260	1100	210	ug/kg	SW846 8082
Percent Solids	79.3	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-564 09/06/05 11:59	**010**			
Aroclor 1248	500	82	ug/kg	SW846 8082
Aroclor 1260	65 J	82	ug/kg	SW846 8082
Percent Solids	80.8	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-565 09/06/05 12:11	**011**			
Aroclor 1248	68	39	ug/kg	SW846 8082
Aroclor 1260	11 J	39	ug/kg	SW846 8082
Percent Solids	84.8	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

5I07148 : A5I070164

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-17075-090605-JY-529 09/06/05 10:06	**009**			
Aroclor 1248	8800	690	ug/kg	SW846 8082
Aroclor 1260	850	690	ug/kg	SW846 8082
Percent Solids	95.3	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-530 09/06/05 10:07	**010**			
Aroclor 1260	23000	1700	ug/kg	SW846 8082
Percent Solids	95.3	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-531 09/06/05 10:08	**011**			
Aroclor 1248	2100	360	ug/kg	SW846 8082
Aroclor 1260	1900	360	ug/kg	SW846 8082
Percent Solids	91.0	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-532 09/06/05 10:09	**012**			
Aroclor 1248	180	42	ug/kg	SW846 8082
Aroclor 1260	210	42	ug/kg	SW846 8082
Percent Solids	79.1	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-533 09/06/05 10:16	**013**			
Aroclor 1248	21000	3500	ug/kg	SW846 8082
Aroclor 1260	2300 J	3500	ug/kg	SW846 8082
Percent Solids	95.0	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-534 09/06/05 10:17	**014**			
Aroclor 1248	140	71	ug/kg	SW846 8082
Aroclor 1260	450	71	ug/kg	SW846 8082
Percent Solids	93.3	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-535 09/06/05 10:18	**015**			
Aroclor 1248	800	180	ug/kg	SW846 8082
Aroclor 1260	1800	180	ug/kg	SW846 8082
Percent Solids	91.8	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

5I07148 : A5I070164

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-17075-090605-JY-536 09/06/05 10:19	**016**			
Aroclor 1248	88	41	ug/kg	SW846 8082
Aroclor 1260	17 J	41	ug/kg	SW846 8082
Percent Solids	80.3	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-537 09/06/05 10:30	**017**			
Aroclor 1260	8400	700	ug/kg	SW846 8082
Percent Solids	94.2	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-538 09/06/05 10:31	**018**			
Aroclor 1254	390	35	ug/kg	SW846 8082
Percent Solids	93.1	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-539 09/06/05 10:32	**019**			
Aroclor 1248	320	180	ug/kg	SW846 8082
Aroclor 1260	980	180	ug/kg	SW846 8082
Percent Solids	89.8	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-540 09/06/05 10:33	**020**			
Percent Solids	76.9	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-551 09/06/05 11:25	**031**			
Aroclor 1242	4300	350	ug/kg	SW846 8082
Aroclor 1260	330 J	350	ug/kg	SW846 8082
Percent Solids	94.6	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-552 09/06/05 11:26	**032**			
Aroclor 1248	47	36	ug/kg	SW846 8082
Aroclor 1260	240	36	ug/kg	SW846 8082
Percent Solids	93.0	10.0	%	MCAWW 160.3 MOD
S-17075-090605-JY-553 09/06/05 11:31	**033**			
Aroclor 1248	89 J	180	ug/kg	SW846 8082
Aroclor 1260	1100	180	ug/kg	SW846 8082
Percent Solids	94.0	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

5I07148 : A5I070164

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-17075-090605-JY-554 09/06/05 11:32	**034**			
Aroclor 1260	3000	370	ug/kg	SW846 8082
Percent Solids	88.6	10.0	%	MCAWW 160.3 MOD

ANALYTICAL METHODS SUMMARY

5I07148

PARAMETER	ANALYTICAL METHOD
PCBs by SW-846 8082	SW846 8082
Total Residue as Percent Solids	MCAWW 160.3 MOD

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

5I07148 : A5I070148

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HJ25P	001	S-17075-090605-JY-501	09/06/05	08:15
HJ25W	002	S-17075-090605-JY-502	09/06/05	08:16
HJ250	003	S-17075-090605-JY-503	09/06/05	08:17
HJ252	004	S-17075-090605-JY-504	09/06/05	08:18
HJ253	005	S-17075-090605-JY-505	09/06/05	08:40
HJ255	006	S-17075-090605-JY-506	09/06/05	08:41
HJ257	007	S-17075-090605-JY-507	09/06/05	08:42
HJ259	008	S-17075-090605-JY-508	09/06/05	08:43
HJ26C	009	S-17075-090605-JY-509	09/06/05	09:00
HJ26D	010	S-17075-090605-JY-510	09/06/05	09:01
HJ26F	011	S-17075-090605-JY-511	09/06/05	09:02
HJ26H	012	S-17075-090605-JY-512	09/06/05	09:03
HJ26K	013	S-17075-090605-JY-513	09/06/05	09:25
HJ26M	014	S-17075-090605-JY-514	09/06/05	09:26
HJ26N	015	S-17075-090605-JY-515	09/06/05	09:27
HJ26Q	016	S-17075-090605-JY-516	09/06/05	09:28
HJ26T	017	S-17075-090605-JY-517	09/06/05	09:38
HJ26W	018	S-17075-090605-JY-518	09/06/05	09:39
HJ260	019	S-17075-090605-JY-519	09/06/05	09:40
HJ263	020	S-17075-090605-JY-520	09/06/05	09:41

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

5I07148 : A5I070158

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HJ29H	001	S-17075-090605-JY-555	09/06/05	11:37
HJ29R	002	S-17075-090605-JY-556	09/06/05	11:38
HJ29V	003	S-17075-090605-JY-557	09/06/05	11:39
HJ29X	004	S-17075-090605-JY-558	09/06/05	11:45
HJ290	005	S-17075-090605-JY-559	09/06/05	11:46
HJ291	006	S-17075-090605-JY-560	09/06/05	11:47
HJ293	007	S-17075-090605-JY-561	09/06/05	11:48
HJ295	008	S-17075-090605-JY-562	09/06/05	11:50
HJ297	009	S-17075-090605-JY-563	09/06/05	11:55
HJ298	010	S-17075-090605-JY-564	09/06/05	11:59
HJ3AA	011	S-17075-090605-JY-565	09/06/05	12:11

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

5I07148 : A5I070164

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HJ3CH	009	S-17075-090605-JY-529	09/06/05	10:06
HJ3CJ	010	S-17075-090605-JY-530	09/06/05	10:07
HJ3CN	011	S-17075-090605-JY-531	09/06/05	10:08
HJ3CQ	012	S-17075-090605-JY-532	09/06/05	10:09
HJ3CR	013	S-17075-090605-JY-533	09/06/05	10:16
HJ3CT	014	S-17075-090605-JY-534	09/06/05	10:17
HJ3CV	015	S-17075-090605-JY-535	09/06/05	10:18
HJ3CW	016	S-17075-090605-JY-536	09/06/05	10:19
HJ3CX	017	S-17075-090605-JY-537	09/06/05	10:30
HJ3C0	018	S-17075-090605-JY-538	09/06/05	10:31
HJ3C3	019	S-17075-090605-JY-539	09/06/05	10:32
HJ3C5	020	S-17075-090605-JY-540	09/06/05	10:33
HJ3DR	031	S-17075-090605-JY-551	09/06/05	11:25
HJ3DT	032	S-17075-090605-JY-552	09/06/05	11:26
HJ3DX	033	S-17075-090605-JY-553	09/06/05	11:31
HJ3D0	034	S-17075-090605-JY-554	09/06/05	11:32

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-501

GC Semivolatiles

Lot-Sample #...: A5I070148-001 **Work Order #...:** HJ25P1AC **Matrix.....:** SO
Date Sampled...: 09/06/05 08:15 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/08/05
Prep Batch #...: 5250260
Dilution Factor: 1
% Moisture.....: 10 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	7.5
Aroclor 1221	ND	37	ug/kg	11
Aroclor 1232	ND	37	ug/kg	5.8
Aroclor 1242	ND	37	ug/kg	11
Aroclor 1248	**120**	**37**	**ug/kg**	**5.4**
Aroclor 1254	ND	37	ug/kg	4.8
Aroclor 1260	**110**	**37**	**ug/kg**	**8.9**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	89	(10 - 127)
Decachlorobiphenyl	95	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-502

GC Semivolatiles

Lot-Sample #...: A5I070148-002 **Work Order #...:** HJ25W1AC **Matrix.....:** SO
Date Sampled...: 09/06/05 08:16 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/08/05
Prep Batch #...: 5250260
Dilution Factor: 20
% Moisture.....: 5.6 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	700	ug/kg	140
Aroclor 1221	ND	700	ug/kg	210
Aroclor 1232	ND	700	ug/kg	110
Aroclor 1242	ND	700	ug/kg	210
Aroclor 1248	ND	700	ug/kg	100
Aroclor 1254	**7300**	**700**	**ug/kg**	**91**
Aroclor 1260	ND	700	ug/kg	170

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	101 DIL	(10 - 127)
Decachlorobiphenyl	140 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-503

GC Semivolatiles

Lot-Sample #...: A5I070148-003 **Work Order #...:** HJ2501AC **Matrix.....:** SO
Date Sampled...: 09/06/05 08:17 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/08/05
Prep Batch #...: 5250260
Dilution Factor: 1
% Moisture.....: 13 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	7.7
Aroclor 1221	ND	38	ug/kg	11
Aroclor 1232	ND	38	ug/kg	6.0
Aroclor 1242	ND	38	ug/kg	12
Aroclor 1248	ND	38	ug/kg	5.5
Aroclor 1254	**60**	**38**	**ug/kg**	**5.0**
Aroclor 1260	ND	38	ug/kg	9.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	97	(10 - 127)
Decachlorobiphenyl	94	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-504

GC Semivolatiles

Lot-Sample #...: A5I070148-004 **Work Order #...:** HJ2521AC **Matrix.....:** SO
Date Sampled...: 09/06/05 08:18 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/08/05
Prep Batch #...: 5250260
Dilution Factor: 20
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	780	ug/kg	160
Aroclor 1221	ND	780	ug/kg	230
Aroclor 1232	ND	780	ug/kg	120
Aroclor 1242	ND	780	ug/kg	240
Aroclor 1248	ND	780	ug/kg	110
Aroclor 1254	**7200**	**780**	**ug/kg**	**100**
Aroclor 1260	ND	780	ug/kg	190

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	105 DIL	(10 - 127)
Decachlorobiphenyl	118 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-505

GC Semivolatiles

Lot-Sample #...: A5I070148-005 **Work Order #...:** HJ2531AC **Matrix.....:** SO
Date Sampled...: 09/06/05 08:40 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/08/05
Prep Batch #...: 5250260
Dilution Factor: 25
% Moisture.....: 3.9 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	860	ug/kg	170
Aroclor 1221	ND	860	ug/kg	260
Aroclor 1232	ND	860	ug/kg	140
Aroclor 1242	ND	860	ug/kg	260
Aroclor 1248	**8900**	**860**	**ug/kg**	**120**
Aroclor 1254	ND	860	ug/kg	110
Aroclor 1260	**1500**	**860**	**ug/kg**	**210**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	124 DIL	(10 - 127)
Decachlorobiphenyl	142 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-506

GC Semivolatiles

Lot-Sample #...: A5I070148-006 **Work Order #...:** HJ2551AC **Matrix.....:** SO
Date Sampled...: 09/06/05 08:41 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/08/05
Prep Batch #...: 5250260
Dilution Factor: 1
% Moisture.....: 5.9 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	7.1
Aroclor 1221	ND	35	ug/kg	11
Aroclor 1232	ND	35	ug/kg	5.5
Aroclor 1242	ND	35	ug/kg	11
Aroclor 1248	ND	35	ug/kg	5.1
Aroclor 1254	ND	35	ug/kg	4.6
Aroclor 1260	**250**	**35**	**ug/kg**	**8.5**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	98	(10 - 127)
Decachlorobiphenyl	92	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-507

GC Semivolatiles

Lot-Sample #...: A5I070148-007 **Work Order #...:** HJ2571AC **Matrix.....:** SO
Date Sampled...: 09/06/05 08:42 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/08/05
Prep Batch #...: 5250260
Dilution Factor: 50
% Moisture.....: 9.4 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1800	ug/kg	370
Aroclor 1221	ND	1800	ug/kg	550
Aroclor 1232	ND	1800	ug/kg	290
Aroclor 1242	ND	1800	ug/kg	550
Aroclor 1248	ND	1800	ug/kg	260
Aroclor 1254	**15000**	**1800**	**ug/kg**	**240**
Aroclor 1260	ND	1800	ug/kg	440

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	257 DIL,*	(10 - 127)
Decachlorobiphenyl	162 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-508

GC Semivolatiles

Lot-Sample #...: A5I070148-008 **Work Order #...:** HJ2591AC **Matrix.....:** SO
Date Sampled...: 09/06/05 08:43 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/08/05
Prep Batch #...: 5250260
Dilution Factor: 10
% Moisture.....: 20 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	410	ug/kg	84
Aroclor 1221	ND	410	ug/kg	120
Aroclor 1232	ND	410	ug/kg	65
Aroclor 1242	ND	410	ug/kg	130
Aroclor 1248	**850**	**410**	**ug/kg**	**60**
Aroclor 1254	ND	410	ug/kg	54
Aroclor 1260	**3200**	**410**	**ug/kg**	**100**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	73 DIL	(10 - 127)
Decachlorobiphenyl	92 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-509

GC Semivolatiles

Lot-Sample #...: A5I070148-009 **Work Order #...:** HJ26C1AC **Matrix.....:** SO
Date Sampled...: 09/06/05 09:00 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/08/05
Prep Batch #...: 5250260
Dilution Factor: 1
% Moisture.....: 4.2 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	34	ug/kg	7.0
Aroclor 1221	ND	34	ug/kg	10
Aroclor 1232	ND	34	ug/kg	5.4
Aroclor 1242	ND	34	ug/kg	10
Aroclor 1248	**67**	**34**	**ug/kg**	**5.0**
Aroclor 1254	ND	34	ug/kg	4.5
Aroclor 1260	**82**	**34**	**ug/kg**	**8.3**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	95	(10 - 127)
Decachlorobiphenyl	104	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-510

GC Semivolatiles

Lot-Sample #...: A5I070148-010 **Work Order #...:** HJ26D1AC **Matrix.....:** SO
Date Sampled...: 09/06/05 09:01 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/08/05
Prep Batch #...: 5250260
Dilution Factor: 5
% Moisture.....: 4.5 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	170	ug/kg	35
Aroclor 1221	ND	170	ug/kg	52
Aroclor 1232	ND	170	ug/kg	27
Aroclor 1242	ND	170	ug/kg	52
Aroclor 1248	**2500**	**170**	**ug/kg**	**25**
Aroclor 1254	ND	170	ug/kg	23
Aroclor 1260	**1200**	**170**	**ug/kg**	**42**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	100 DIL	(10 - 127)
Decachlorobiphenyl	120 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-511

GC Semivolatiles

Lot-Sample #...: A5I070148-011 **Work Order #...:** HJ26F1AC **Matrix.....:** SO
Date Sampled...: 09/06/05 09:02 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/08/05
Prep Batch #...: 5250260
Dilution Factor: 5
% Moisture.....: 6.6 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	180	ug/kg	36
Aroclor 1221	ND	180	ug/kg	53
Aroclor 1232	ND	180	ug/kg	28
Aroclor 1242	ND	180	ug/kg	54
Aroclor 1248	ND	180	ug/kg	26
Aroclor 1254	ND	180	ug/kg	23
Aroclor 1260	**1900**	**180**	**ug/kg**	**43**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	95 DIL	(10 - 127)
Decachlorobiphenyl	114 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-512

GC Semivolatiles

Lot-Sample #...: A5I070148-012 **Work Order #...:** HJ26H1AC **Matrix.....:** SO
Date Sampled...: 09/06/05 09:03 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/08/05
Prep Batch #...: 5250260
Dilution Factor: 1
% Moisture.....: 18 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	40	ug/kg	8.1
Aroclor 1221	ND	40	ug/kg	12
Aroclor 1232	ND	40	ug/kg	6.3
Aroclor 1242	ND	40	ug/kg	12
Aroclor 1248	ND	40	ug/kg	5.8
Aroclor 1254	**40**	**40**	**ug/kg**	**5.2**
Aroclor 1260	ND	40	ug/kg	9.7

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	93	(10 - 127)
Decachlorobiphenyl	189 *	(40 - 138)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-513

GC Semivolatiles

Lot-Sample #...: A5I070148-013 **Work Order #...:** HJ26K1AC **Matrix.....:** SO
Date Sampled...: 09/06/05 09:25 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/08/05
Prep Batch #...: 5250260
Dilution Factor: 1
% Moisture.....: 7.9 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.3
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.6
Aroclor 1242	ND	36	ug/kg	11
Aroclor 1248	**170**	**36**	**ug/kg**	**5.2**
Aroclor 1254	ND	36	ug/kg	4.7
Aroclor 1260	**100**	**36**	**ug/kg**	**8.7**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	88	(10 - 127)
Decachlorobiphenyl	107	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-514

GC Semivolatiles

Lot-Sample #...: A5I070148-014 **Work Order #...:** HJ26M1AC **Matrix.....:** SO
Date Sampled...: 09/06/05 09:26 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/08/05
Prep Batch #...: 5250260
Dilution Factor: 5
% Moisture.....: 7.3 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	180	ug/kg	36
Aroclor 1221	ND	180	ug/kg	53
Aroclor 1232	ND	180	ug/kg	28
Aroclor 1242	ND	180	ug/kg	54
Aroclor 1248	**890**	**180**	**ug/kg**	**26**
Aroclor 1254	ND	180	ug/kg	23
Aroclor 1260	**2100**	**180**	**ug/kg**	**43**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	89 DIL	(10 - 127)
Decachlorobiphenyl	109 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-515

GC Semivolatiles

Lot-Sample #...: A5I070148-015 **Work Order #...:** HJ26N1AC **Matrix.....:** SO
Date Sampled...: 09/06/05 09:27 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/08/05
Prep Batch #...: 5250260
Dilution Factor: 5
% Moisture.....: 8.6 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	180	ug/kg	37
Aroclor 1221	ND	180	ug/kg	54
Aroclor 1232	ND	180	ug/kg	28
Aroclor 1242	ND	180	ug/kg	55
Aroclor 1248	ND	180	ug/kg	26
Aroclor 1254	ND	180	ug/kg	24
Aroclor 1260	**690**	**180**	**ug/kg**	**44**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	91 DIL	(10 - 127)
Decachlorobiphenyl	115 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-516

GC Semivolatiles

Lot-Sample #...: A5I070148-016 **Work Order #...:** HJ26Q1AC **Matrix.....:** SO
Date Sampled...: 09/06/05 09:28 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/08/05
Prep Batch #...: 5250260
Dilution Factor: 10
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	390	ug/kg	79
Aroclor 1221	ND	390	ug/kg	120
Aroclor 1232	ND	390	ug/kg	61
Aroclor 1242	ND	390	ug/kg	120
Aroclor 1248	ND	390	ug/kg	56
Aroclor 1254	**2200**	**390**	**ug/kg**	**51**
Aroclor 1260	ND	390	ug/kg	94

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	97 DIL	(10 - 127)
Decachlorobiphenyl	111 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-517

GC Semivolatiles

Lot-Sample #...: A5I070148-017 **Work Order #...:** HJ26T1AC **Matrix.....:** SO
Date Sampled...: 09/06/05 09:38 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/08/05
Prep Batch #...: 5250260
Dilution Factor: 20
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	750	ug/kg	150
Aroclor 1221	ND	750	ug/kg	220
Aroclor 1232	ND	750	ug/kg	120
Aroclor 1242	ND	750	ug/kg	230
Aroclor 1248	**1100**	**750**	**ug/kg**	**110**
Aroclor 1254	ND	750	ug/kg	98
Aroclor 1260	**9300**	**750**	**ug/kg**	**180**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	91 DIL	(10 - 127)
Decachlorobiphenyl	137 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-518

GC Semivolatiles

Lot-Sample #...: A5I070148-018 **Work Order #...:** HJ26W1AC **Matrix.....:** SO
Date Sampled...: 09/06/05 09:39 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/08/05
Prep Batch #...: 5250260
Dilution Factor: 10
% Moisture.....: 5.1 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	350	ug/kg	71
Aroclor 1221	ND	350	ug/kg	100
Aroclor 1232	ND	350	ug/kg	55
Aroclor 1242	ND	350	ug/kg	110
Aroclor 1248	**610**	**350**	**ug/kg**	**51**
Aroclor 1254	ND	350	ug/kg	45
Aroclor 1260	**2500**	**350**	**ug/kg**	**84**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87 DIL	(10 - 127)
Decachlorobiphenyl	101 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-519

GC Semivolatiles

Lot-Sample #...: A5I070148-019 **Work Order #...:** HJ2601AC **Matrix.....:** SO
Date Sampled...: 09/06/05 09:40 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/08/05
Prep Batch #...: 5250260
Dilution Factor: 5
% Moisture.....: 6.8 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	180	ug/kg	36
Aroclor 1221	ND	180	ug/kg	53
Aroclor 1232	ND	180	ug/kg	28
Aroclor 1242	ND	180	ug/kg	54
Aroclor 1248	**280**	**180**	**ug/kg**	**26**
Aroclor 1254	ND	180	ug/kg	23
Aroclor 1260	**930**	**180**	**ug/kg**	**43**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	80 DIL	(10 - 127)
Decachlorobiphenyl	81 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-520

GC Semivolatiles

Lot-Sample #...: A5I070148-020 **Work Order #...:** HJ2631AC **Matrix.....:** SO
Date Sampled...: 09/06/05 09:41 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/08/05
Prep Batch #...: 5250260
Dilution Factor: 1
% Moisture.....: 16 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	8.0
Aroclor 1221	ND	39	ug/kg	12
Aroclor 1232	ND	39	ug/kg	6.2
Aroclor 1242	ND	39	ug/kg	12
Aroclor 1248	**16 J**	**39**	**ug/kg**	**5.7**
Aroclor 1254	ND	39	ug/kg	5.1
Aroclor 1260	**13 J**	**39**	**ug/kg**	**9.5**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	83	(10 - 127)
Decachlorobiphenyl	82	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-555

GC Semivolatiles

Lot-Sample #...: A5I070158-001 **Work Order #...:** HJ29H1AC **Matrix.....:** SO
Date Sampled...: 09/06/05 11:37 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/09/05
Prep Batch #...: 5250300
Dilution Factor: 10
% Moisture.....: 19 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	410	ug/kg	82
Aroclor 1221	ND	410	ug/kg	120
Aroclor 1232	ND	410	ug/kg	64
Aroclor 1242	ND	410	ug/kg	120
Aroclor 1248	ND	410	ug/kg	59
Aroclor 1254	ND	410	ug/kg	53
Aroclor 1260	**2200**	**410**	**ug/kg**	**98**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	64 DIL	(10 - 127)
Decachlorobiphenyl	66 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-556

GC Semivolatiles

Lot-Sample #...: A5I070158-002 **Work Order #...:** HJ29R1AC **Matrix.....:** SO
Date Sampled...: 09/06/05 11:38 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/09/05
Prep Batch #...: 5250300
Dilution Factor: 5
% Moisture.....: 29 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	230	ug/kg	47
Aroclor 1221	ND	230	ug/kg	69
Aroclor 1232	ND	230	ug/kg	36
Aroclor 1242	ND	230	ug/kg	70
Aroclor 1248	ND	230	ug/kg	34
Aroclor 1254	**820**	**230**	**ug/kg**	**30**
Aroclor 1260	ND	230	ug/kg	56

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	42 DIL	(10 - 127)
Decachlorobiphenyl	41 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-557

GC Semivolatiles

Lot-Sample #...: A5I070158-003 **Work Order #...:** HJ29V1AC **Matrix.....:** SO
Date Sampled...: 09/06/05 11:39 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/09/05
Prep Batch #...: 5250300
Dilution Factor: 1
% Moisture.....: 25 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	44	ug/kg	8.9
Aroclor 1221	ND	44	ug/kg	13
Aroclor 1232	ND	44	ug/kg	6.9
Aroclor 1242	ND	44	ug/kg	13
Aroclor 1248	ND	44	ug/kg	6.4
Aroclor 1254	ND	44	ug/kg	5.7
Aroclor 1260	**110**	**44**	**ug/kg**	**11**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	45	(10 - 127)
Decachlorobiphenyl	44	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-558

GC Semivolatiles

Lot-Sample #...: A5I070158-004 **Work Order #...:** HJ29X1AC **Matrix.....:** SO
Date Sampled...: 09/06/05 11:45 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/09/05
Prep Batch #...: 5250300
Dilution Factor: 2
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	75	ug/kg	15
Aroclor 1221	ND	75	ug/kg	23
Aroclor 1232	ND	75	ug/kg	12
Aroclor 1242	ND	75	ug/kg	23
Aroclor 1248	ND	75	ug/kg	11
Aroclor 1254	ND	75	ug/kg	9.8
Aroclor 1260	**290**	**75**	**ug/kg**	**18**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	46	(10 - 127)
Decachlorobiphenyl	48	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-559

GC Semivolatiles

Lot-Sample #...: A5I070158-005 **Work Order #...:** HJ2901AC **Matrix.....:** SO
Date Sampled...: 09/06/05 11:46 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/09/05
Prep Batch #...: 5250300
Dilution Factor: 100
% Moisture.....: 20 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	4100	ug/kg	840
Aroclor 1221	ND	4100	ug/kg	1200
Aroclor 1232	ND	4100	ug/kg	650
Aroclor 1242	ND	4100	ug/kg	1300
Aroclor 1248	ND	4100	ug/kg	600
Aroclor 1254	ND	4100	ug/kg	540
Aroclor 1260	**23000**	**4100**	**ug/kg**	**1000**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	74 DIL	(10 - 127)
Decachlorobiphenyl	81 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-560

GC Semivolatiles

Lot-Sample #...: A5I070158-006 **Work Order #...:** HJ2911AC **Matrix.....:** SO
Date Sampled...: 09/06/05 11:47 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/09/05
Prep Batch #...: 5250300
Dilution Factor: 1
% Moisture.....: 23 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	43	ug/kg	8.7
Aroclor 1221	ND	43	ug/kg	13
Aroclor 1232	ND	43	ug/kg	6.7
Aroclor 1242	ND	43	ug/kg	13
Aroclor 1248	ND	43	ug/kg	6.2
Aroclor 1254	ND	43	ug/kg	5.6
Aroclor 1260	**74**	**43**	**ug/kg**	**10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	48	(10 - 127)
Decachlorobiphenyl	36 *	(40 - 138)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-561

GC Semivolatiles

Lot-Sample #...: A5I070158-007 **Work Order #...:** HJ2931AC **Matrix.....:** SO
Date Sampled...: 09/06/05 11:48 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/09/05
Prep Batch #...: 5250300
Dilution Factor: 1
% Moisture.....: 26 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	45	ug/kg	9.1
Aroclor 1221	ND	45	ug/kg	13
Aroclor 1232	ND	45	ug/kg	7.0
Aroclor 1242	ND	45	ug/kg	14
Aroclor 1248	ND	45	ug/kg	6.5
Aroclor 1254	**120**	**45**	**ug/kg**	**5.8**
Aroclor 1260	ND	45	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	36	(10 - 127)
Decachlorobiphenyl	39 *	(40 - 138)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-562

GC Semivolatiles

Lot-Sample #...: A5I070158-008 **Work Order #...:** HJ2951AC **Matrix.....:** SO
Date Sampled...: 09/06/05 11:50 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/09/05
Prep Batch #...: 5250300
Dilution Factor: 10
% Moisture.....: 21 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	420	ug/kg	85
Aroclor 1221	ND	420	ug/kg	130
Aroclor 1232	ND	420	ug/kg	66
Aroclor 1242	ND	420	ug/kg	130
Aroclor 1248	**3200**	**420**	**ug/kg**	**61**
Aroclor 1254	ND	420	ug/kg	54
Aroclor 1260	**140 J**	**420**	**ug/kg**	**100**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	85 DIL	(10 - 127)
Decachlorobiphenyl	44 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-563

GC Semivolatiles

Lot-Sample #...: A5I070158-009 **Work Order #...:** HJ2971AC **Matrix.....:** SO
Date Sampled...: 09/06/05 11:55 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/09/05
Prep Batch #...: 5250300
Dilution Factor: 5
% Moisture.....: 21 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	210	ug/kg	42
Aroclor 1221	ND	210	ug/kg	62
Aroclor 1232	ND	210	ug/kg	33
Aroclor 1242	ND	210	ug/kg	63
Aroclor 1248	ND	210	ug/kg	30
Aroclor 1254	ND	210	ug/kg	27
Aroclor 1260	**1100**	**210**	**ug/kg**	**50**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	65 DIL	(10 - 127)
Decachlorobiphenyl	46 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-564

GC Semivolatiles

Lot-Sample #...: A5I070158-010 **Work Order #...:** HJ2981AC **Matrix.....:** SO
Date Sampled...: 09/06/05 11:59 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/09/05
Prep Batch #...: 5250300
Dilution Factor: 2
% Moisture.....: 19 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	82	ug/kg	17
Aroclor 1221	ND	82	ug/kg	25
Aroclor 1232	ND	82	ug/kg	13
Aroclor 1242	ND	82	ug/kg	25
Aroclor 1248	**500**	**82**	**ug/kg**	**12**
Aroclor 1254	ND	82	ug/kg	11
Aroclor 1260	**65 J**	**82**	**ug/kg**	**20**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	45	(10 - 127)
Decachlorobiphenyl	50	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-565

GC Semivolatiles

Lot-Sample #...: A5I070158-011 **Work Order #...:** HJ3AA1AC **Matrix.....:** SO
Date Sampled...: 09/06/05 12:11 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/09/05
Prep Batch #...: 5250300
Dilution Factor: 1
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	7.9
Aroclor 1221	ND	39	ug/kg	12
Aroclor 1232	ND	39	ug/kg	6.1
Aroclor 1242	ND	39	ug/kg	12
Aroclor 1248	**68**	**39**	**ug/kg**	**5.7**
Aroclor 1254	ND	39	ug/kg	5.1
Aroclor 1260	**11 J**	**39**	**ug/kg**	**9.4**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	54	(10 - 127)
Decachlorobiphenyl	35 *	(40 - 138)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-529

GC Semivolatiles

Lot-Sample #...: A5I070164-009 **Work Order #...:** HJ3CH1AD **Matrix.....:** SO
Date Sampled...: 09/06/05 10:06 **Date Received..:** 09/07/05
Prep Date.....: 09/13/05 **Analysis Date..:** 09/15/05
Prep Batch #...: 5256058
Dilution Factor: 20
% Moisture.....: 4.8 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	690	ug/kg	140
Aroclor 1221	ND	690	ug/kg	210
Aroclor 1232	ND	690	ug/kg	110
Aroclor 1242	ND	690	ug/kg	210
Aroclor 1248	**8800**	**690**	**ug/kg**	**100**
Aroclor 1254	ND	690	ug/kg	90
Aroclor 1260	**850**	**690**	**ug/kg**	**170**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	64 DIL	(10 - 127)
Decachlorobiphenyl	128 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-530

GC Semivolatiles

Lot-Sample #...: A5I070164-010 **Work Order #...:** HJ3CJ1AD **Matrix.....:** SO
Date Sampled...: 09/06/05 10:07 **Date Received..:** 09/07/05
Prep Date.....: 09/13/05 **Analysis Date..:** 09/15/05
Prep Batch #...: 5256058
Dilution Factor: 50
% Moisture.....: 4.7 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1700	ug/kg	350
Aroclor 1221	ND	1700	ug/kg	520
Aroclor 1232	ND	1700	ug/kg	270
Aroclor 1242	ND	1700	ug/kg	520
Aroclor 1248	ND	1700	ug/kg	250
Aroclor 1254	ND	1700	ug/kg	230
Aroclor 1260	**23000**	**1700**	**ug/kg**	**420**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	69 DIL	(10 - 127)
Decachlorobiphenyl	87 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-531

GC Semivolatiles

Lot-Sample #...: A5I070164-011 **Work Order #...:** HJ3CN1AD **Matrix.....:** SO
Date Sampled...: 09/06/05 10:08 **Date Received..:** 09/07/05
Prep Date.....: 09/13/05 **Analysis Date..:** 09/15/05
Prep Batch #...: 5256058
Dilution Factor: 10
% Moisture.....: 9.0 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	360	ug/kg	74
Aroclor 1221	ND	360	ug/kg	110
Aroclor 1232	ND	360	ug/kg	57
Aroclor 1242	ND	360	ug/kg	110
Aroclor 1248	**2100**	**360**	**ug/kg**	**53**
Aroclor 1254	ND	360	ug/kg	47
Aroclor 1260	**1900**	**360**	**ug/kg**	**88**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	153 DIL,*	(10 - 127)
Decachlorobiphenyl	88 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-532

GC Semivolatiles

Lot-Sample #...: A5I070164-012 **Work Order #...:** HJ3CQ1AD **Matrix.....:** SO
Date Sampled...: 09/06/05 10:09 **Date Received..:** 09/07/05
Prep Date.....: 09/13/05 **Analysis Date..:** 09/15/05
Prep Batch #...: 5256058
Dilution Factor: 1
% Moisture.....: 21 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	42	ug/kg	8.5
Aroclor 1221	ND	42	ug/kg	13
Aroclor 1232	ND	42	ug/kg	6.6
Aroclor 1242	ND	42	ug/kg	13
Aroclor 1248	**180**	**42**	**ug/kg**	**6.1**
Aroclor 1254	ND	42	ug/kg	5.4
Aroclor 1260	**210**	**42**	**ug/kg**	**10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	38	(10 - 127)
Decachlorobiphenyl	57	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-533

GC Semivolatiles

Lot-Sample #...: A5I070164-013 **Work Order #...:** HJ3CR1AD **Matrix.....:** SO
Date Sampled...: 09/06/05 10:16 **Date Received..:** 09/07/05
Prep Date.....: 09/13/05 **Analysis Date..:** 09/15/05
Prep Batch #...: 5256058
Dilution Factor: 100
% Moisture.....: 5.0 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	3500	ug/kg	710
Aroclor 1221	ND	3500	ug/kg	1000
Aroclor 1232	ND	3500	ug/kg	550
Aroclor 1242	ND	3500	ug/kg	1100
Aroclor 1248	**21000**	**3500**	**ug/kg**	**510**
Aroclor 1254	ND	3500	ug/kg	450
Aroclor 1260	**2300 J**	**3500**	**ug/kg**	**840**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	137 DIL,*	(10 - 127)
Decachlorobiphenyl	241 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-534

GC Semivolatiles

Lot-Sample #...: A5I070164-014 **Work Order #...:** HJ3CT1AD **Matrix.....:** SO
Date Sampled...: 09/06/05 10:17 **Date Received..:** 09/07/05
Prep Date.....: 09/13/05 **Analysis Date..:** 09/15/05
Prep Batch #...: 5256058
Dilution Factor: 2
% Moisture.....: 6.7 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	71	ug/kg	14
Aroclor 1221	ND	71	ug/kg	21
Aroclor 1232	ND	71	ug/kg	11
Aroclor 1242	ND	71	ug/kg	21
Aroclor 1248	**140**	**71**	**ug/kg**	**10**
Aroclor 1254	ND	71	ug/kg	9.2
Aroclor 1260	**450**	**71**	**ug/kg**	**17**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	120	(10 - 127)
Decachlorobiphenyl	85	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-535

GC Semivolatiles

Lot-Sample #...: A5I070164-015 **Work Order #...:** HJ3CV1AD **Matrix.....:** SO
Date Sampled...: 09/06/05 10:18 **Date Received..:** 09/07/05
Prep Date.....: 09/13/05 **Analysis Date..:** 09/15/05
Prep Batch #...: 5256058
Dilution Factor: 5
% Moisture.....: 8.2 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	180	ug/kg	37
Aroclor 1221	ND	180	ug/kg	54
Aroclor 1232	ND	180	ug/kg	28
Aroclor 1242	ND	180	ug/kg	54
Aroclor 1248	**800**	**180**	**ug/kg**	**26**
Aroclor 1254	ND	180	ug/kg	23
Aroclor 1260	**1800**	**180**	**ug/kg**	**44**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	98 DIL	(10 - 127)
Decachlorobiphenyl	72 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-536

GC Semivolatiles

Lot-Sample #...: A5I070164-016 **Work Order #...:** HJ3CW1AD **Matrix.....:** SO
Date Sampled...: 09/06/05 10:19 **Date Received..:** 09/07/05
Prep Date.....: 09/13/05 **Analysis Date..:** 09/15/05
Prep Batch #...: 5256058
Dilution Factor: 1
% Moisture.....: 20 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	41	ug/kg	8.3
Aroclor 1221	ND	41	ug/kg	12
Aroclor 1232	ND	41	ug/kg	6.5
Aroclor 1242	ND	41	ug/kg	12
Aroclor 1248	**88**	**41**	**ug/kg**	**6.0**
Aroclor 1254	ND	41	ug/kg	5.4
Aroclor 1260	**17 J**	**41**	**ug/kg**	**10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	140 *	(10 - 127)
Decachlorobiphenyl	99	(40 - 138)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-537

GC Semivolatiles

Lot-Sample #...: A5I070164-017 **Work Order #...:** HJ3CX1AD **Matrix.....:** SO
Date Sampled...: 09/06/05 10:30 **Date Received..:** 09/07/05
Prep Date.....: 09/13/05 **Analysis Date..:** 09/15/05
Prep Batch #...: 5256058
Dilution Factor: 20
% Moisture.....: 5.8 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	700	ug/kg	140
Aroclor 1221	ND	700	ug/kg	210
Aroclor 1232	ND	700	ug/kg	110
Aroclor 1242	ND	700	ug/kg	210
Aroclor 1248	ND	700	ug/kg	100
Aroclor 1254	ND	700	ug/kg	91
Aroclor 1260	**8400**	**700**	**ug/kg**	**170**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	365 DIL,*	(10 - 127)
Decachlorobiphenyl	379 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-538

GC Semivolatiles

Lot-Sample #...: A5I070164-018 **Work Order #...:** HJ3C01AD **Matrix.....:** SO
Date Sampled...: 09/06/05 10:31 **Date Received..:** 09/07/05
Prep Date.....: 09/14/05 **Analysis Date..:** 09/15/05
Prep Batch #...: 5257477
Dilution Factor: 1
% Moisture.....: 7.0 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	7.2
Aroclor 1221	ND	35	ug/kg	11
Aroclor 1232	ND	35	ug/kg	5.6
Aroclor 1242	ND	35	ug/kg	11
Aroclor 1248	ND	35	ug/kg	5.2
Aroclor 1254	**390**	**35**	**ug/kg**	**4.6**
Aroclor 1260	ND	35	ug/kg	8.6

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	98	(10 - 127)
Decachlorobiphenyl	72	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-539

GC Semivolatiles

Lot-Sample #...: A5I070164-019 **Work Order #...:** HJ3C31AD **Matrix.....:** SO
Date Sampled...: 09/06/05 10:32 **Date Received..:** 09/07/05
Prep Date.....: 09/13/05 **Analysis Date..:** 09/15/05
Prep Batch #...: 5256058
Dilution Factor: 5
% Moisture.....: 10 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	180	ug/kg	37
Aroclor 1221	ND	180	ug/kg	55
Aroclor 1232	ND	180	ug/kg	29
Aroclor 1242	ND	180	ug/kg	56
Aroclor 1248	**320**	**180**	**ug/kg**	**27**
Aroclor 1254	ND	180	ug/kg	24
Aroclor 1260	**980**	**180**	**ug/kg**	**45**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	33 DIL	(10 - 127)
Decachlorobiphenyl	78 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-540

GC Semivolatiles

Lot-Sample #...: A5I070164-020 **Work Order #...:** HJ3C51AD **Matrix.....:** SO
Date Sampled...: 09/06/05 10:33 **Date Received..:** 09/07/05
Prep Date.....: 09/13/05 **Analysis Date..:** 09/15/05
Prep Batch #...: 5256058
Dilution Factor: 1
% Moisture.....: 23 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	43	ug/kg	8.7
Aroclor 1221	ND	43	ug/kg	13
Aroclor 1232	ND	43	ug/kg	6.8
Aroclor 1242	ND	43	ug/kg	13
Aroclor 1248	ND	43	ug/kg	6.2
Aroclor 1254	ND	43	ug/kg	5.6
Aroclor 1260	ND	43	ug/kg	10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	41	(10 - 127)
Decachlorobiphenyl	68	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-551

GC Semivolatiles

Lot-Sample #...: A5I070164-031 **Work Order #...:** HJ3DR1AD **Matrix.....:** SO
Date Sampled...: 09/06/05 11:25 **Date Received..:** 09/07/05
Prep Date.....: 09/13/05 **Analysis Date..:** 09/15/05
Prep Batch #...: 5256058
Dilution Factor: 10
% Moisture.....: 5.4 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	350	ug/kg	71
Aroclor 1221	ND	350	ug/kg	100
Aroclor 1232	ND	350	ug/kg	55
Aroclor 1242	**4300**	**350**	**ug/kg**	**110**
Aroclor 1248	ND	350	ug/kg	51
Aroclor 1254	ND	350	ug/kg	45
Aroclor 1260	**330 J**	**350**	**ug/kg**	**85**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	127 DIL	(10 - 127)
Decachlorobiphenyl	125 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-552

GC Semivolatiles

Lot-Sample #...: A5I070164-032 **Work Order #...:** HJ3DT1AD **Matrix.....:** SO
Date Sampled...: 09/06/05 11:26 **Date Received..:** 09/07/05
Prep Date.....: 09/13/05 **Analysis Date..:** 09/15/05
Prep Batch #...: 5256058
Dilution Factor: 1
% Moisture.....: 7.0 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.2
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.6
Aroclor 1242	ND	36	ug/kg	11
Aroclor 1248	**47**	**36**	**ug/kg**	**5.2**
Aroclor 1254	ND	36	ug/kg	4.6
Aroclor 1260	**240**	**36**	**ug/kg**	**8.6**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	43	(10 - 127)
Decachlorobiphenyl	74	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-553

GC Semivolatiles

Lot-Sample #...: A5I070164-033 **Work Order #...:** HJ3DX1AD **Matrix.....:** SO
Date Sampled...: 09/06/05 11:31 **Date Received..:** 09/07/05
Prep Date.....: 09/13/05 **Analysis Date..:** 09/15/05
Prep Batch #...: 5256058
Dilution Factor: 5
% Moisture.....: 6.0 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	180	ug/kg	36
Aroclor 1221	ND	180	ug/kg	53
Aroclor 1232	ND	180	ug/kg	28
Aroclor 1242	ND	180	ug/kg	53
Aroclor 1248	**89 J**	**180**	**ug/kg**	**26**
Aroclor 1254	ND	180	ug/kg	23
Aroclor 1260	**1100**	**180**	**ug/kg**	**43**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87 DIL	(10 - 127)
Decachlorobiphenyl	111 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-554

GC Semivolatiles

Lot-Sample #...: A5I070164-034 **Work Order #...:** HJ3D01AD **Matrix.....:** SO
Date Sampled...: 09/06/05 11:32 **Date Received..:** 09/07/05
Prep Date.....: 09/13/05 **Analysis Date..:** 09/15/05
Prep Batch #...: 5256058
Dilution Factor: 10
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	370	ug/kg	76
Aroclor 1221	ND	370	ug/kg	110
Aroclor 1232	ND	370	ug/kg	59
Aroclor 1242	ND	370	ug/kg	110
Aroclor 1248	ND	370	ug/kg	54
Aroclor 1254	ND	370	ug/kg	49
Aroclor 1260	**3000**	**370**	**ug/kg**	**90**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	47 DIL	(10 - 127)
Decachlorobiphenyl	76 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-501

General Chemistry

Lot-Sample #...: A5I070148-001 **Work Order #...:** HJ25P **Matrix.....:** SO
Date Sampled...: 09/06/05 08:15 **Date Received..:** 09/07/05
% Moisture.....: 10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**89.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-502

General Chemistry

Lot-Sample #...: A5I070148-002 **Work Order #...:** HJ25W **Matrix.....:** SO
Date Sampled...: 09/06/05 08:16 **Date Received..:** 09/07/05
% Moisture.....: 5.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**94.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-503

General Chemistry

Lot-Sample #...: A5I070148-003 **Work Order #...:** HJ250 **Matrix.....:** SO
Date Sampled...: 09/06/05 08:17 **Date Received..:** 09/07/05
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**86.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-504

General Chemistry

Lot-Sample #...: A5I070148-004 **Work Order #...:** HJ252 **Matrix.....:** SO
Date Sampled...: 09/06/05 08:18 **Date Received..:** 09/07/05
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**84.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-505

General Chemistry

Lot-Sample #...: A5I070148-005 **Work Order #...:** HJ253 **Matrix.....:** SO
Date Sampled...: 09/06/05 08:40 **Date Received..:** 09/07/05
% Moisture.....: 3.9

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**96.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-506

General Chemistry

Lot-Sample #...: A5I070148-006 **Work Order #...:** HJ255 **Matrix.....:** SO
Date Sampled...: 09/06/05 08:41 **Date Received..:** 09/07/05
% Moisture.....: 5.9

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**94.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-507

General Chemistry

Lot-Sample #...: A5I070148-007 **Work Order #...:** HJ257 **Matrix.....:** SO
Date Sampled...: 09/06/05 08:42 **Date Received..:** 09/07/05
% Moisture.....: 9.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-508

General Chemistry

Lot-Sample #...: A5I070148-008 **Work Order #...:** HJ259 **Matrix.....:** SO
Date Sampled...: 09/06/05 08:43 **Date Received..:** 09/07/05
% Moisture.....: 20

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**79.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-509

General Chemistry

Lot-Sample #...: A5I070148-009 **Work Order #...:** HJ26C **Matrix.....:** SO
Date Sampled...: 09/06/05 09:00 **Date Received..:** 09/07/05
% Moisture.....: 4.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**95.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-510

General Chemistry

Lot-Sample #...: A5I070148-010 **Work Order #...:** HJ26D **Matrix.....:** SO
Date Sampled...: 09/06/05 09:01 **Date Received..:** 09/07/05
% Moisture.....: 4.5

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**95.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-511

General Chemistry

Lot-Sample #...: A5I070148-011 **Work Order #...:** HJ26F **Matrix.....:** SO
Date Sampled...: 09/06/05 09:02 **Date Received..:** 09/07/05
% Moisture.....: 6.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-512

General Chemistry

Lot-Sample #...: A5I070148-012 **Work Order #...:** HJ26H **Matrix.....:** SO
Date Sampled...: 09/06/05 09:03 **Date Received..:** 09/07/05
% Moisture.....: 18

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**82.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-513

General Chemistry

Lot-Sample #...: A5I070148-013 **Work Order #...:** HJ26K **Matrix.....:** SO
Date Sampled...: 09/06/05 09:25 **Date Received..:** 09/07/05
% Moisture.....: 7.9

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-514

General Chemistry

Lot-Sample #...: A5I070148-014 **Work Order #...:** HJ26M **Matrix.....:** SO
Date Sampled...: 09/06/05 09:26 **Date Received..:** 09/07/05
% Moisture.....: 7.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-515

General Chemistry

Lot-Sample #...: A5I070148-015 **Work Order #...:** HJ26N **Matrix.....:** SO
Date Sampled...: 09/06/05 09:27 **Date Received..:** 09/07/05
% Moisture.....: 8.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-516

General Chemistry

Lot-Sample #...: A5I070148-016 **Work Order #...:** HJ26Q **Matrix.....:** SO
Date Sampled...: 09/06/05 09:28 **Date Received..:** 09/07/05
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**85.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-517

General Chemistry

Lot-Sample #...: A5I070148-017 **Work Order #...:** HJ26T **Matrix.....:** SO
Date Sampled...: 09/06/05 09:38 **Date Received..:** 09/07/05
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**88.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-518

General Chemistry

Lot-Sample #...: A5I070148-018 **Work Order #...:** HJ26W **Matrix.....:** SO
Date Sampled...: 09/06/05 09:39 **Date Received..:** 09/07/05
% Moisture.....: 5.1

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**94.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-519

General Chemistry

Lot-Sample #...: A5I070148-019 **Work Order #...:** HJ260 **Matrix.....:** SO
Date Sampled...: 09/06/05 09:40 **Date Received..:** 09/07/05
% Moisture.....: 6.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-520

General Chemistry

Lot-Sample #...: A5I070148-020 **Work Order #...:** HJ263 **Matrix.....:** SO
Date Sampled...: 09/06/05 09:41 **Date Received..:** 09/07/05
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**83.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-555

General Chemistry

Lot-Sample #...: A5I070158-001 **Work Order #...:** HJ29H **Matrix.....:** SO
Date Sampled...: 09/06/05 11:37 **Date Received..:** 09/07/05
% Moisture.....: 19

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**81.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250298**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-556

General Chemistry

Lot-Sample #...: A5I070158-002 **Work Order #...:** HJ29R **Matrix.....:** SO
Date Sampled...: 09/06/05 11:38 **Date Received..:** 09/07/05
% Moisture.....: 29

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**71.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250298**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-557

General Chemistry

Lot-Sample #...: A5I070158-003 **Work Order #...:** HJ29V **Matrix.....:** SO
Date Sampled...: 09/06/05 11:39 **Date Received..:** 09/07/05
% Moisture.....: 25

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**75.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250298**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-558

General Chemistry

Lot-Sample #...: A5I070158-004 **Work Order #...:** HJ29X **Matrix.....:** SO
Date Sampled...: 09/06/05 11:45 **Date Received..:** 09/07/05
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**87.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250298**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-559

General Chemistry

Lot-Sample #...: A5I070158-005 **Work Order #...:** HJ290 **Matrix.....:** SO
Date Sampled...: 09/06/05 11:46 **Date Received..:** 09/07/05
% Moisture.....: 20

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**79.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250298**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-560

General Chemistry

Lot-Sample #...: A5I070158-006 **Work Order #...:** HJ291 **Matrix.....:** SO
Date Sampled...: 09/06/05 11:47 **Date Received..:** 09/07/05
% Moisture.....: 23

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**77.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250298**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-561

General Chemistry

Lot-Sample #...: A5I070158-007 **Work Order #...:** HJ293 **Matrix.....:** SO
Date Sampled...: 09/06/05 11:48 **Date Received..:** 09/07/05
% Moisture.....: 26

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**74.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250298**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-562

General Chemistry

Lot-Sample #...: A5I070158-008 **Work Order #...:** HJ295 **Matrix.....:** SO
Date Sampled...: 09/06/05 11:50 **Date Received..:** 09/07/05
% Moisture.....: 21

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**79.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250298**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-563

General Chemistry

Lot-Sample #...: A5I070158-009 **Work Order #...:** HJ297 **Matrix.....:** SO
Date Sampled...: 09/06/05 11:55 **Date Received..:** 09/07/05
% Moisture.....: 21

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**79.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250298**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-564

General Chemistry

Lot-Sample #...: A5I070158-010 **Work Order #...:** HJ298 **Matrix.....:** SO
Date Sampled...: 09/06/05 11:59 **Date Received..:** 09/07/05
% Moisture.....: 19

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**80.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250298**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-565

General Chemistry

Lot-Sample #...: A5I070158-011 **Work Order #...:** HJ3AA **Matrix.....:** SO
Date Sampled...: 09/06/05 12:11 **Date Received..:** 09/07/05
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**84.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/07-09/08/05**	**5250298**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-529

General Chemistry

Lot-Sample #...: A5I070164-009 **Work Order #...:** HJ3CH **Matrix.....:** SO
Date Sampled...: 09/06/05 10:06 **Date Received..:** 09/07/05
% Moisture.....: 4.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**95.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/13-09/14/05**	**5256294**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-530

General Chemistry

Lot-Sample #...: A5I070164-010 **Work Order #...:** HJ3CJ **Matrix.....:** SO
Date Sampled...: 09/06/05 10:07 **Date Received..:** 09/07/05
% Moisture.....: 4.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**95.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/13-09/14/05**	**5256294**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-531

General Chemistry

Lot-Sample #...: A5I070164-011 **Work Order #...:** HJ3CN **Matrix.....:** SO
Date Sampled...: 09/06/05 10:08 **Date Received..:** 09/07/05
% Moisture.....: 9.0

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/13-09/14/05**	**5256294**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-532

General Chemistry

Lot-Sample #...: A5I070164-012 **Work Order #...:** HJ3CQ **Matrix.....:** SO
Date Sampled...: 09/06/05 10:09 **Date Received..:** 09/07/05
% Moisture.....: 21

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**79.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/13-09/14/05**	**5256294**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-533

General Chemistry

Lot-Sample #...: A5I070164-013 **Work Order #...:** HJ3CR **Matrix.....:** SO
Date Sampled...: 09/06/05 10:16 **Date Received..:** 09/07/05
% Moisture.....: 5.0

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**95.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/13-09/14/05**	**5256294**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-534

General Chemistry

Lot-Sample #...: A5I070164-014 **Work Order #...:** HJ3CT **Matrix.....:** SO
Date Sampled...: 09/06/05 10:17 **Date Received..:** 09/07/05
% Moisture.....: 6.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/13-09/14/05**	**5256294**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-535

General Chemistry

Lot-Sample #...: A5I070164-015 **Work Order #...:** HJ3CV **Matrix.....:** SO
Date Sampled...: 09/06/05 10:18 **Date Received..:** 09/07/05
% Moisture.....: 8.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/13-09/14/05**	**5256294**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-536

General Chemistry

Lot-Sample #...: A5I070164-016 **Work Order #...:** HJ3CW **Matrix.....:** SO
Date Sampled...: 09/06/05 10:19 **Date Received..:** 09/07/05
% Moisture.....: 20

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**80.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/13-09/14/05**	**5256294**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-537

General Chemistry

Lot-Sample #...: A5I070164-017 **Work Order #...:** HJ3CX **Matrix.....:** SO
Date Sampled...: 09/06/05 10:30 **Date Received..:** 09/07/05
% Moisture.....: 5.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**94.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/13-09/14/05**	**5256294**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-538

General Chemistry

Lot-Sample #...: A5I070164-018 **Work Order #...:** HJ3C0 **Matrix.....:** SO
Date Sampled...: 09/06/05 10:31 **Date Received..:** 09/07/05
% Moisture.....: 7.0

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/13-09/14/05**	**5256294**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-539

General Chemistry

Lot-Sample #...: A5I070164-019 **Work Order #...:** HJ3C3 **Matrix.....:** SO
Date Sampled...: 09/06/05 10:32 **Date Received..:** 09/07/05
% Moisture.....: 10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**89.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/13-09/14/05**	**5256294**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-540

General Chemistry

Lot-Sample #...: A5I070164-020 **Work Order #...:** HJ3C5 **Matrix.....:** SO
Date Sampled...: 09/06/05 10:33 **Date Received..:** 09/07/05
% Moisture.....: 23

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**76.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/13-09/14/05**	**5256294**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-551

General Chemistry

Lot-Sample #...: A5I070164-031 **Work Order #...:** HJ3DR **Matrix.....:** SO
Date Sampled...: 09/06/05 11:25 **Date Received..:** 09/07/05
% Moisture.....: 5.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**94.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/13-09/14/05**	**5256294**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-552

General Chemistry

Lot-Sample #...: A5I070164-032 **Work Order #...:** HJ3DT **Matrix.....:** SO
Date Sampled...: 09/06/05 11:26 **Date Received..:** 09/07/05
% Moisture.....: 7.0

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/13-09/14/05**	**5256294**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-553

General Chemistry

Lot-Sample #...: A5I070164-033 **Work Order #...:** HJ3DX **Matrix.....:** SO
Date Sampled...: 09/06/05 11:31 **Date Received..:** 09/07/05
% Moisture.....: 6.0

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**94.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/13-09/14/05**	**5256294**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-17075-090605-JY-554

General Chemistry

Lot-Sample #...: A5I070164-034 **Work Order #...:** HJ3D0 **Matrix.....:** SO
Date Sampled...: 09/06/05 11:32 **Date Received..:** 09/07/05
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**88.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/13-09/14/05**	**5256294**

Dilution Factor: 1 MDL.....: 10.0

QUALITY CONTROL SECTION

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 5I07148 **Work Order #...:** HJ3Q01AA **Matrix.....:** SOLID
MB Lot-Sample #: A5I070000-260

Prep Date.....: 09/07/05
Analysis Date..: 09/08/05 **Prep Batch #...:** 5250260
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	79	(10 - 127)
Decachlorobiphenyl	83	(40 - 138)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 5I07148 **Work Order #...:** HJ30A1AA **Matrix.....:** SOLID
MB Lot-Sample #: A5I070000-300

Prep Date.....: 09/07/05
Analysis Date..: 09/09/05 **Prep Batch #...:** 5250300
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	59	(10 - 127)
Decachlorobiphenyl	66	(40 - 138)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 5I07148 **Work Order #...:** HKECQ1AA **Matrix.....:** SOLID
MB Lot-Sample #: A5I130000-058

Prep Date.....: 09/13/05
Analysis Date..: 09/15/05 **Prep Batch #...:** 5256058
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	69	(10 - 127)
Decachlorobiphenyl	77	(40 - 138)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 5I07148 **Work Order #...:** HKJ061AA **Matrix.....:** SOLID
MB Lot-Sample #: A5I140000-477

Prep Date.....: 09/14/05
Analysis Date..: 09/15/05 **Prep Batch #...:** 5257477
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	132 *	(10 - 127)
Decachlorobiphenyl	92	(40 - 138)

NOTE(S):

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

* Surrogate recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5I07148 **Work Order #...:** HJ3Q01AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5I070000-260
Prep Date.....: 09/07/05 **Analysis Date..:** 09/08/05
Prep Batch #...: 5250260
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**280**	**ug/kg**	**84**	**SW846 8082**
Aroclor 1260	**330**	**290**	**ug/kg**	**86**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(10 - 127)
Decachlorobiphenyl	93	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5I07148 **Work Order #...:** HJ3Q01AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5I070000-260
Prep Date.....: 09/07/05 **Analysis Date..:** 09/08/05
Prep Batch #...: 5250260
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**84**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**86**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(10 - 127)
Decachlorobiphenyl	93	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5I07148 **Work Order #...:** HJ30A1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5I070000-300
Prep Date.....: 09/07/05 **Analysis Date..:** 09/09/05
Prep Batch #...: 5250300
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**340**	**ug/kg**	**102**	**SW846 8082**
Aroclor 1260	**330**	**410**	**ug/kg**	**122**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	98	(10 - 127)
Decachlorobiphenyl	145 *	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5I07148 **Work Order #...:** HJ30A1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5I070000-300
Prep Date.....: 09/07/05 **Analysis Date..:** 09/09/05
Prep Batch #...: 5250300
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**102**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**122**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	98	(10 - 127)
Decachlorobiphenyl	145 *	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5I07148 **Work Order #...:** HKECQ1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5I130000-058
Prep Date.....: 09/13/05 **Analysis Date..:** 09/15/05
Prep Batch #...: 5256058
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**250**	**ug/kg**	**75**	**SW846 8082**
Aroclor 1260	**330**	**250**	**ug/kg**	**75**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	64	(10 - 127)
Decachlorobiphenyl	76	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5I07148 **Work Order #...:** HKECQ1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5I130000-058
Prep Date.....: 09/13/05 **Analysis Date..:** 09/15/05
Prep Batch #...: 5256058
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**75**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**75**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	64	(10 - 127)
Decachlorobiphenyl	76	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5I07148 **Work Order #...:** HKJ061AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5I140000-477
Prep Date.....: 09/14/05 **Analysis Date..:** 09/15/05
Prep Batch #...: 5257477
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**350**	**ug/kg**	**105**	**SW846 8082**
Aroclor 1260	**330**	**370**	**ug/kg**	**111**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	151 *	(10 - 127)
Decachlorobiphenyl	96	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5I07148 **Work Order #...:** HKJ061AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5I140000-477
Prep Date.....: 09/14/05 **Analysis Date..:** 09/15/05
Prep Batch #...: 5257477
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**105**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**111**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	151 *	(10 - 127)
Decachlorobiphenyl	96	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5I07148 **Work Order #...:** HJ25P1AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5I070148-001 HJ25P1AE-MSD
Date Sampled...: 09/06/05 08:15 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/08/05
Prep Batch #...: 5250260
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**370**	**380**	**ug/kg**	**102**		**SW846 8082**
	ND	**370**	**360**	**ug/kg**	**97**	**5.3**	**SW846 8082**
Aroclor 1260	**110**	**370**	**420**	**ug/kg**	**82**		**SW846 8082**
	110	**370**	**450**	**ug/kg**	**91**	**8.1**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	94	(10 - 127)
	96	(10 - 127)
Decachlorobiphenyl	113	(40 - 138)
	111	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5I07148 **Work Order #...:** HJ25P1AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5I070148-001 HJ25P1AE-MSD
Date Sampled...: 09/06/05 08:15 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/08/05
Prep Batch #...: 5250260
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**102**	**(10 - 200)**			**SW846 8082**
	97	**(10 - 200)**	**5.3**	**(0-30)**	**SW846 8082**
Aroclor 1260	**82**	**(10 - 200)**			**SW846 8082**
	91	**(10 - 200)**	**8.1**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	94	(10 - 127)
	96	(10 - 127)
Decachlorobiphenyl	113	(40 - 138)
	111	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5I07148 **Work Order #...:** HJ29R1AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5I070158-002 HJ29R1AE-MSD
Date Sampled...: 09/06/05 11:38 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/09/05
Prep Batch #...: 5250300
Dilution Factor: 5

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**460**	**260**	**ug/kg**	**55 DIL**		**SW846 8082**
	ND	**460**	**240**	**ug/kg**	**51 DIL**	**7.4**	**SW846 8082**
Aroclor 1260	**ND**	**460**	**550**	**ug/kg**	**117**		**SW846 8082**
	Qualifiers: DIL						
	ND	**460**	**350**	**ug/kg**	**75**	**44**	**SW846 8082**
	Qualifiers: DIL,p						

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	50 DIL	(10 - 127)
	47 DIL	(10 - 127)
Decachlorobiphenyl	48 DIL	(40 - 138)
	46 DIL	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5I07148 **Work Order #...:** HJ29R1AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5I070158-002 HJ29R1AE-MSD
Date Sampled...: 09/06/05 11:38 **Date Received..:** 09/07/05
Prep Date.....: 09/07/05 **Analysis Date..:** 09/09/05
Prep Batch #...: 5250300
Dilution Factor: 5

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**55 DIL**	**(10 - 200)**			**SW846 8082**
	51 DIL	**(10 - 200)**	**7.4**	**(0-30)**	**SW846 8082**
Aroclor 1260	**117 DIL**	**(10 - 200)**			**SW846 8082**
	75 DIL,p	**(10 - 200)**	**44**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	50 DIL	(10 - 127)
	47 DIL	(10 - 127)
Decachlorobiphenyl	48 DIL	(40 - 138)
	46 DIL	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5I07148 **Work Order #...:** HJ3CH1AE-MS **Matrix.....:** SO
MS Lot-Sample #: A5I070164-009 HJ3CH1AF-MSD
Date Sampled...: 09/06/05 10:06 **Date Received..:** 09/07/05
Prep Date.....: 09/13/05 **Analysis Date..:** 09/15/05
Prep Batch #...: 5256058
Dilution Factor: 20

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**350**	**2700**	**ug/kg**	**766**		**SW846 8082**
	Qualifiers: DIL,a						
	ND	**350**	**2700**	**ug/kg**	**768**	**0.82**	**SW846 8082**
	Qualifiers: DIL,a						
Aroclor 1260	**850**	**350**	**770**	**ug/kg**	**0.0**		**SW846 8082**
	Qualifiers: DIL,a						
	850	**350**	**810**	**ug/kg**	**0.0**	**0.0**	**SW846 8082**
	Qualifiers: DIL,a						

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	88 DIL	(10 - 127)
	83 DIL	(10 - 127)
Decachlorobiphenyl	88 DIL	(40 - 138)
	86 DIL	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5I07148 **Work Order #...:** HJ3CH1AE-MS **Matrix.....:** SO
MS Lot-Sample #: A5I070164-009 HJ3CH1AF-MSD
Date Sampled...: 09/06/05 10:06 **Date Received..:** 09/07/05
Prep Date.....: 09/13/05 **Analysis Date..:** 09/15/05
Prep Batch #...: 5256058
Dilution Factor: 20

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**766 DIL,a**	**(10 - 200)**			**SW846 8082**
	768 DIL,a	**(10 - 200)**	**0.82**	**(0-30)**	**SW846 8082**
Aroclor 1260	**0.0 DIL,a**	**(10 - 200)**			**SW846 8082**
	0.0 DIL,a	**(10 - 200)**	**0.0**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	88 DIL	(10 - 127)
	83 DIL	(10 - 127)
Decachlorobiphenyl	88 DIL	(40 - 138)
	86 DIL	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 5I07148 **Work Order #...:** HKH5J1AD-MS **Matrix.....:** SOLID
MS Lot-Sample #: A5I140237-022 HKH5J1AE-MSD
Date Sampled...: 09/13/05 09:50 **Date Received..:** 09/14/05
Prep Date.....: 09/14/05 **Analysis Date..:** 09/23/05
Prep Batch #...: 5257477
Dilution Factor: 1 **% Moisture.....:** 8.5

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**360**	**390**	**ug/kg**	**107**		**SW846 8082**
	ND	**360**	**390**	**ug/kg**	**106**	**0.08**	**SW846 8082**
Aroclor 1260	**11**	**360**	**350**	**ug/kg**	**92**		**SW846 8082**
	11	**360**	**370**	**ug/kg**	**99**	**6.8**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	138 *	(10 - 127)
	135 *	(10 - 127)
Decachlorobiphenyl	224 *	(40 - 138)
	214 *	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 5I07148 **Work Order #...:** HKH5J1AD-MS **Matrix.....:** SOLID
MS Lot-Sample #: A5I140237-022 HKH5J1AE-MSD
Date Sampled...: 09/13/05 09:50 **Date Received..:** 09/14/05
Prep Date.....: 09/14/05 **Analysis Date..:** 09/23/05
Prep Batch #...: 5257477
Dilution Factor: 1 **% Moisture.....:** 8.5

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**107**	**(10 - 200)**			**SW846 8082**
	106	**(10 - 200)**	**0.08**	**(0-30)**	**SW846 8082**
Aroclor 1260	**92**	**(10 - 200)**			**SW846 8082**
	99	**(10 - 200)**	**6.8**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	138 *	(10 - 127)
	135 *	(10 - 127)
Decachlorobiphenyl	224 *	(40 - 138)
	214 *	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: 5I07148 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids		Work Order #: HJ3XH1AA		MB Lot-Sample #:	A5I070000-298	
	ND	10.0	%	MCAWW 160.3 MOD	09/07-09/08/05	5250298
		Dilution Factor: 1				
Percent Solids		Work Order #: HJ3021AA		MB Lot-Sample #:	A5I070000-304	
	ND	10.0	%	MCAWW 160.3 MOD	09/07-09/08/05	5250304
		Dilution Factor: 1				
Percent Solids		Work Order #: HKE6A1AA		MB Lot-Sample #:	A5I130000-294	
	ND	10.0	%	MCAWW 160.3 MOD	09/13-09/14/05	5256294
		Dilution Factor: 1				

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5I070148 **Work Order #...:** HJ0RW-SMP **Matrix.....:** SOLID
HJ0RW-DUP
Date Sampled...: 08/31/05 **Date Received..:** 09/06/05
% Moisture.....: 94

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5I060109-002		
	ND	ND	%	8.3	(0-20)	MCAWW 160.3 MOD	09/07-09/08/05	5250298

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5I070148 **Work Order #...:** HJ29R-SMP **Matrix.....:** SO
HJ29R-DUP
Date Sampled...: 09/06/05 11:38 **Date Received..:** 09/07/05
% Moisture.....: 29

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5I070158-002		
	71.4	78.9	%	10	(0-20)	MCAWW 160.3 MOD	09/07-09/08/05	5250298

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5I070148 **Work Order #...:** HJ25P-SMP **Matrix.....:** SO
HJ25P-DUP
Date Sampled...: 09/06/05 08:15 **Date Received..:** 09/07/05
% Moisture.....: 10

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5I070148-001		
	89.6	90.9	%	1.4	(0-20)	MCAWW 160.3 MOD	09/07-09/08/05	5250304

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5I070148 **Work Order #...:** HJ263-SMP **Matrix.....:** SO
HJ263-DUP
Date Sampled...: 09/06/05 09:41 **Date Received..:** 09/07/05
% Moisture.....: 16

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5I070148-020		
	83.9	83.8	%	0.13	(0-20)	MCAWW 160.3 MOD	09/07-09/08/05	5250304

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5I070148 **Work Order #...:** HJNTN-SMP **Matrix.....:** SOLID
HJNTN-DUP
Date Sampled...: 08/31/05 10:25 **Date Received..:** 09/01/05
% Moisture.....: 17

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5I010108-002		
	82.6	80.8	%	2.2	(0-20)	MCAWW 160.3 MOD	09/13-09/14/05	5256294

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5I070148 **Work Order #...:** HJ3CH-SMP **Matrix.....:** SO
HJ3CH-DUP
Date Sampled...: 09/06/05 10:06 **Date Received..:** 09/07/05
% Moisture.....: 4.8

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5I070164-009		
	95.3	96.6	%	1.4	(0-20)	MCAWW 160.3 MOD	09/13-09/14/05	5256294

Dilution Factor: 1

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

140

PAGE 1 OF 5

ID # N° 01593

SSOW Ref. Code: E 131007

Required Client Information (CRA)

Company: GM SMCO	Report To: Mike Tomko
Address: Saginaw Metal	Copy To: Chris Amy
	Invoice To:
	P.O.:
Phone:	Project Name: GM SMCO
Fax:	Project Number: 170715-3002
Email:	

Laboratory:	STL North Canton
Laboratory Location:	North Canton
Laboratory Contact:	Denise Hecker
Requested Due Date:	TAT: 24 Hr
QA/QC Requirements:	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Analysis and Method

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	PCB	Hold	Remarks/Lab ID
S-170715-090605-SY-S01	SO	9-6-05	0815	1	X						X		CRA Contact Paul Wiseman 734 453 5123 "Rush" 24 Hr TAT
S02			0816	1	X						X		
S03			0817	1	X						X		
S04			0818	1	X						X		
S05			0840	1	X						X		
S06			0841	1	X						X		
S07			0842	1	X						X		
S08			0843	1	X						X		
S09			0900	1	X						X		
S10			0901	1	X						X		
S11			0902	1	X						X		
S12			0903	1	X						X		
S13			0925	1	X						X		
S14			0926	1	X						X		
S15			0927	1	X						X		
TOTAL NUMBER OF CONTAINERS													

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Fed. Ex	2		9-6-05	1800	STL	9/7/05	10:00
AIRBILL NO.	8365 5745 2584 0						
	8365 5745 2583 9						

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: J. L York

Sampler Signature: [signature] Date: 9-6-05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV: 04/04

STL North Canton

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

141

PAGE 2 OF 5

ID # N° 01596

SSOW Ref. Code: E131007

Required Client Information: (CRA)

Company: GM SMCO	Report To: Mike Tonka
Address: Saginaw, Mich	Copy To: Chris Amy
	Invoice To:
	P.O.:
Phone:	Project Name: GM SMCO
Fax:	Project Number: 17075-30-02
Email:	

Laboratory:	STL
Laboratory Location:	North Canton
Laboratory Contact:	
Requested Due Date:	TAT: 24 Hr
QA/QC Requirements:	

Analysis and Method

Preservative

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	PCB	Hold	Remarks/Lab ID
S-17075-090605-SY-S16	SO	9-6-05	0928	1	X						X		
S17			0938	1	X						X		
S18			0939	1	X						X		
S19			0940	1	X						X		
S20			0941	1	X						X		
S21			0945	1	X						X	X	
S22			0946	1	X						X	X	
S23			0947	1	X						X	X	
S24			0948	1	X						X	X	
S25			0952	1	X						X	X	
S26			0953	1	X						X	X	
S27			0954	1	X						X	X	
S28			0955	1	X						X	X	
S29			1006	1	X						X	X	
S30			1007	1	X						X	X	
TOTAL NUMBER OF CONTAINERS													

Valid Matrix Codes:
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment
See Back for Additional Codes

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Fed Ex	2		9-6-05	1800	STL	9/7/05	10:00
AIRBILL NO.							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: John York

Sampler Signature: [signature] Date: 9-6-05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

STL North Canton

STL Cooler Receipt Form/Narrative **Lot Number:** ASI070148

North Canton Facility

Client: GM SMCO Project: 17025-30-02 Quote#:

Cooler Received on: 9/7/05 Opened on: 9/7/05 by: (Signature)

Fedx ☒ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ STL Courier ☐

Stetson ☐ US Cargo ☐ Other:

STL Cooler No# 241-059 See back Foam Box ☐ Client Cooler ☐ Other

1. Were custody seals on the outside of the cooler? Yes ☐ No ☒ Intact? Yes ☐ No ☐ NA ☒
   If YES, Quantity
   Were the custody seals signed and dated? Yes ☐ No ☐ NA ☒
2. Shipper's packing slip attached to this form? Yes ☒ No ☐ NA ☐
3. Did custody papers accompany the samples? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☐ Foam ☐ None ☐ Other :
6. Cooler temperature upon receipt _____ °C (see back of form for multiple coolers/temp)

METHOD: Temp Vial ☐ Coolant & Sample ☐ Against Bottles ☐ IR ☒ ICE/H_2O Slurry ☐

COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☒ No ☐
9. Were samples at the correct pH? (record below/on back) Yes ☐ No ☐ NA ☒
10. Were correct bottles used for the tests indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☒
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a Trip Blank present in the cooler? Yes ☐ No ☒ Were VOAs on the COC? Yes ☐ No ☒
14. Does the trip blank number match the cooler number in which it was received? Yes ☐ No ☐ NA ☒

Contacted PM _____ Date: _____ by: _____ via Voice Mail ☐ Verbal ☐ Other ☐

Concerning: _____

√		
	1. CHAIN OF CUSTODY	
	The following discrepancies occurred:	
	2. SAMPLE CONDITION	
	Sample(s) _____ were received after the recommended holding time had expired.	
	Sample(s) _____ were received in a broken container.	
	3. SAMPLE PRESERVATION	
	Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot # 071805-HNO3; Sulfuric Acid Lot # 041305-H2SO4; Sodium Hydroxide Lot # -041305 -NaOH; Hydrochloric Acid Lot # 100504-HCl; Sodium Hydroxide and Zinc Acetate Lot # 071604-CH3COO2ZN/NaOH*	
	Sample(s) _____ were received with bubble > 6 mm in diameter (cc: PM)	
	4. Other (see below or back)	

Client ID	pH	Date	Initials

STL Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp	Method	Coolant
241-059	5.8 °C	IR	Ice
241-002	5.2 °C	1	1

Discrepancies Cont.

GM REALM
ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

144

PAGE 4 OF 5

ID # N° 01597

SSOW Ref. Code: E131007

quired Client Information:

npany: CRA	Report To: Mike Tomko
dress:	Copy To: Chris Amy
	Invoice To:
	P.O.:
one:	Project Name: GM SMCO
:	Project Number: 17075-30-02
nail:	

Laboratory:	STL
Laboratory Location:	North Canton
Laboratory Contact:	Dennis Hedkler
Requested Due Date:	TAT: 24 Hr
QA/QC Requirements:	

Analysis and Method

Preservative

Valid Matrix Codes:
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment
See Back for Additional Codes

mple Identification:

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	PCB	Hold	Remarks/Lab ID
	S-17075-090605-JY-046	SO	9-6-05	1107	1	X						X	X	
	-047			1115	1	X						X	X	
	-048			1116	1	X						X	X	
	-049			1117	1	X						X	X	
	-050			1118	1	X						X	X	MS/MSD
	-051			1125	1	X						X	X	
	-052			1126	1	X						X	X	
	-053			1131	1	X						X	X	
	-054			1132	1	X						X	X	
10.	-055			1137	1	X						X		
11.	-056			1138	1	X						X		MS/MSD
12.	-057			1139	1	X						X		
13.	-058			1145	1	X						X		
14.	-059			1146	1	X						X		
15.	-060			1147	1	X						X		
	TOTAL NUMBER OF CONTAINERS													

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Fed Ex	2	John York	9-6-05	1800	STL	9/7/05	10:00
AIRBILL NO.							

Sample Condition

Temp in °C	
Received on Ice	Y N
Sealed Cooler	Y N
Samples Intact	Y N

Additional Comments:

Sampler Name: John York

Sampler Signature: John York Date: 9-6-05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV 0 (6/04)

STL North Canton

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

145

PAGE 5 OF 5

ID # N° 01598

SSOW Ref. Code: E131007

Required Client Information:

Company: CRA	Report To: Mike Tonka
Address:	Copy To: Chris Amy
	Invoice To:
	P.O.:
Phone:	Project Name: Gm Smco
Fax:	Project Number: 17075-30
Email:	

Laboratory:	STL
Laboratory Location:	North Canton
Laboratory Contact:	Denise Hechler
Requested Due Date:	TAT: 24 Hr
QA/QC Requirements:	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Analysis and Method

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	PCB										Remarks/Lab ID
S-17075-090605-JY-SB1	SO	9-6-05	1148	1	X						X										
-SB2			1150	1	X						X										
-SB3			1153	1	X						X										
-SB4			1159	1	X						X										
-SB5			1211	1	X						X										
TOTAL NUMBER OF CONTAINERS																					

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Fed Ex.	2		9-6-05	1800	STL	9/7/05	10:00
AIRBILL NO.							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y N

Additional Comments:

Sampler Name: John York

Sampler Signature: Date: 9-6-05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 9 (8/04)

STL North Canton

STL Cooler Receipt Form/Narrative **Lot Number:** ASI070158
North Canton Facility

Client: GM SMCO Project: 17025-30-02 Quote#:
Cooler Received on: 9/7/05 Opened on: 9/7/05 by: (Signature)
Fedx ☒ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ STL Courier ☐
Stetson ☐ US Cargo ☐ Other:
STL Cooler No# 24-059 See back Foam Box ☐ Client Cooler ☐ Other
1. Were custody seals on the outside of the cooler? Yes ☐ No ☒ Intact? Yes ☐ No ☐ NA ☒
If YES, Quantity
Were the custody seals signed and dated? Yes ☐ No ☐ NA ☒
2. Shipper's packing slip attached to this form? Yes ☒ No ☐ NA ☐
3. Did custody papers accompany the samples? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☐ Foam ☐ None ☐ Other :
6. Cooler temperature upon receipt °C (see back of form for multiple coolers/temp)
METHOD: Temp Vial ☐ Coolant & Sample ☐ Against Bottles ☐ IR ☒ ICE/H_2O Slurry ☐
COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☒ No ☐
9. Were samples at the correct pH? (record below/on back) Yes ☐ No ☐ NA ☒
10. Were correct bottles used for the tests indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☒
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a Trip Blank present in the cooler? Yes ☐ No ☒ Were VOAs on the COC? Yes ☐ No ☒
14. Does the trip blank number match the cooler number in which it was received? Yes ☐ No ☐ NA ☒
Contacted PM Date: by: via Voice Mail ☐ Verbal ☐ Other ☐
Concerning:

√		
	1. CHAIN OF CUSTODY	
	The following discrepancies occurred:	
	2. SAMPLE CONDITION	
	Sample(s) were received after the recommended holding time had expired.	
	Sample(s) were received in a broken container.	
	3. SAMPLE PRESERVATION	
	Sample(s) were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot # 071805-HNO3; Sulfuric Acid Lot # 041305-H2SO4; Sodium Hydroxide Lot # -041305 -NaOH; Hydrochloric Acid Lot # 100504-HCl; Sodium Hydroxide and Zinc Acetate Lot # 071604-CH3COO2ZN/NaOH*	
	Sample(s) were received with bubble > 6 mm in diameter (cc: PM)	
	4. Other (see below or back)	

Client ID	pH	Date	Initials

STL Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp	Method	Coolant
241-059	5.8 °C	IR	Ice
241-002	5.2 °C	1	1

Discrepancies Cont.

148

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 2 OF 5?

ID # Nº 01596

SSOW Ref. Code: F131007

equired Client Information: (CRA)

ompany: GM SMCO	Report To: Mike Tonka
ddress: Saginaw, Mich	Copy To: Chris Amy
	Invoice To:
	P.O.:
hone:	Project Name: GM SMCO
ax:	Project Number: 17075-39-02
-mail:	

Laboratory:	STL
Laboratory Location:	North Canton
Laboratory Contact:	
Requested Due Date:	TAT: 24 Hr
QA/QC Requirements:	

Valid Matrix Codes:
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment
See Back for Additional Codes

	ample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H_2SO_4	HNO_3	NaOH	Other:	Analysis and Method: PCB	Hold	Remarks/Lab ID
	S-17075-090605-SY-S16	SO	9-6-05	0928	1	X						X		
	S17			0938	1	X						X		
	S18			0939	1	X						X		
	S19			0940	1	X						X		
	S20			0941	1	X						X		
	S21			0945	1	X						X	X	
	S22			0946	1	X						X	X	
	S23			0947	1	X						X	X	
	S24			0948	1	X						X	X	
0.	S25			0952	1	X						X	X	
1.	S26			0953	1	X						X	X	
2.	S27			0954	1	X						X	X	
3.	S28			0955	1	X						X	X	
4.	S29			1006	1	X						X	X	
5.	S30			1007	1	X						X	X	
	TOTAL NUMBER OF CONTAINERS													

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Fed Ex	2	John York	9-6-05	1800	John M Tonka STL	9/7/05	10:00
AIRBILL NO.							

Sample Condition

emp in °C	
eceived on Ice	Y / N
ealed Cooler	Y / N
amples Intact	Y / N

Additional Comments:

Sampler Name: John York

Sampler Signature: John York Date: 9-6-05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6-04)

STL North Canton

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

149

PAGE 3 OF 5

Required Client Information:

Company: CRA	Report To: Mike Tonkyn
Address:	Copy To: Chris Amy
	Invoice To:
	P.O.:
Phone:	Project Name: GM SMCO
Fax:	Project Number: 17025-30.02
Email:	

Laboratory: STL	
Laboratory Location: North Canton	
Laboratory Contact: Denise Hechler	
Requested Due Date:	TAT: 24 Hr
QA/QC Requirements:	

ID # N° 01595

SSOW Ref. Code: E 131007

Analysis and Method

Preservative

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	PCB	Hold	Remarks/Lab ID
S-17025-090605-JY-031	SO	9-6-05	1008	1	X						X	X	
-032			1009	1	X						X	X	
-033			1016	1	X						X	X	
-034			1017	1	X						X	X	
-035			1018	1	X						X	X	
-036			1019	1	X						X	X	
-037			1030	1	X						X	X	
-038			1031	1	X						X	X	
-039			1032	1	X						X	X	
-040			1033	1	X						X	X	
-041			1050	1	X						X	X	
-042			1051	1	X						X	X	
-043			1052	1	X						X	X	
-044			1053	1	X						X	X	
-045			1106	1	X						X	X	
TOTAL NUMBER OF CONTAINERS													

Valid Matrix Codes:
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment
See Back for Additional Codes

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Fed Ex.	2	[signature]	9-6-05	1800	[signature] STL	9/7/05	10:00
AIRBILL NO.							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Jon York

Sampler Signature: [signature] Date: 9-6-05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV 016.041

STL North Canton

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

150

PAGE 4 OF 5

ID # Nº 01597

SSOW Ref. Code: E 131007

Required Client Information:

Company: CRA	Report To: Mike Tonka
Address:	Copy To: Chris Amy
	Invoice To:
	P.O.:
Phone:	Project Name: GM SMCO
Fax:	Project Number: 17075-30-02
Email:	

Laboratory:	STL
Laboratory Location:	North Canton
Laboratory Contact:	Denise Hechler
Requested Due Date:	TAT: 24 Hr
QA/QC Requirements:	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Analysis and Method

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H_2SO_4	HNO_3	NaOH	Other:	PCB	Hold	Remarks/Lab ID
S-17075-090605-JY-046	SO	9-6-05	1107	1	X						X	X	
-047			1115	1	X						X	X	
-048			1116	1	X						X	X	
-049			1117	1	X						X	X	
-050			1118	1	X						X	X	MS/MSD
-051			1125	1	X						X	X	
-052			1126	1	X						X	X	
-053			1131	1	X						X	X	
-054			1132	1	X						X	X	
10. -055			1137	1	X						X		
11. -056			1138	1	X						X		MS/MSD
12. -057			1139	1	X						X		
13. -058			1145	1	X						X		
14. -059			1146	1	X						X		
15. -060			1147	1	X						X		
TOTAL NUMBER OF CONTAINERS													

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Fed Ex	2	John York	9-6-05	1800	STL	9/7/05	10:00
AIRBILL NO.							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: John York

Sampler Signature: John York Date: 9-6-05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

STL North Canton

STL Cooler Receipt Form/Narrative **Lot Number:** AST070164

North Canton Facility

Client: GM SMCO Project: 17025-30-02 Quote#:

Cooler Received on: 9/7/05 Opened on: 9/7/05 by: (Signature)

Fedx ☒ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ STL Courier ☐

Stetson ☐ US Cargo ☐ Other:

STL Cooler No# 241-059 See back Foam Box ☐ Client Cooler ☐ Other

1. Were custody seals on the outside of the cooler? Yes ☐ No ☒ Intact? Yes ☐ No ☐ NA ☒
   If YES, Quantity
   Were the custody seals signed and dated? Yes ☐ No ☐ NA ☒
2. Shipper's packing slip attached to this form? Yes ☒ No ☐ NA ☐
3. Did custody papers accompany the samples? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☐ Foam ☐ None ☐ Other :
6. Cooler temperature upon receipt °C (see back of form for multiple coolers/temp)

METHOD: Temp Vial ☐ Coolant & Sample ☐ Against Bottles ☐ IR ☒ ICE/H_2O Slurry ☐

COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☒ No ☐
9. Were samples at the correct pH? (record below/on back) Yes ☐ No ☐ NA ☒
10. Were correct bottles used for the tests indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☒
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a Trip Blank present in the cooler? Yes ☐ No ☒ Were VOAs on the COC? Yes ☐ No ☒
14. Does the trip blank number match the cooler number in which it was received? Yes ☐ No ☐ NA ☒

Contacted PM Date: by: via Voice Mail ☐ Verbal ☐ Other ☐

Concerning:

√	
	1. CHAIN OF CUSTODY
	The following discrepancies occurred:
	2. SAMPLE CONDITION
	Sample(s) were received after the recommended holding time had expired.
	Sample(s) were received in a broken container.
	3. SAMPLE PRESERVATION
	Sample(s) were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot # 071805-HNO3; Sulfuric Acid Lot # 041305-H2SO4; Sodium Hydroxide Lot # -041305 -NaOH; Hydrochloric Acid Lot # 100504-HCl; Sodium Hydroxide and Zinc Acetate Lot # 071604-CH3COO2ZN/NaOH*
	Sample(s) were received with bubble > 6 mm in diameter (cc: PM)
	4. Other (see below or back)

Client ID	pH	Date	Initials

STL Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp	Method	Coolant
241-059	5.8 °C	FR	Ice
241-002	5.2 °C	I	I

Discrepancies Cont.

SEVERN TRENT STL

END OF REPORT

Table of Contents

Return to Navigator

SEVERN TRENT STL

STL North Canton
4101 Shuffel Drive NW
North Canton, OH 44720

Tel: 330 497 9396 Fax: 330 497 0772
www.stl-inc.com

ANALYTICAL REPORT

PROJECT NO. 17075-30-02

GMPT SMCO SSOW# E131008

Lot #: A5I240157

Paul Wiseman (PM)

Conestoga Rovers & Assoc., Inc
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

SEVERN TRENT LABORATORIES, INC.

Denise D. Heckler
Project Manager

September 30, 2005

CASE NARRATIVE

A5I240157

The following report contains the analytical results for twenty solid samples submitted to STL North Canton by Conestoga-Rovers & Associates, Inc. from the GMPT SMCO SSOW# E131008 Site, project number 17075-30-02. The samples were received September 24, 2005, according to documented sample acceptance procedures.

STL utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

STL North Canton attests to the validity of the laboratory data generated by STL facilities reported herein. All analyses performed by STL facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. STL's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by a dry weight adjustment footnote at the bottom of the analytical report page. The list of parameters which are never reported on a dry weight basis is included on the Sample Summary.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

If you have any questions, please call the Project Manager, Denise D. Heckler, at 734-205-2535.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT." The total number of pages in this report is 65.

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperature of the cooler upon sample receipt was 2.4°C.

CASE NARRATIVE (continued)

POLYCHLORINATED BIPHENYLS-8082

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

For sample(s) S-92305-SSH-616, the recovery for one surrogate compound is outside acceptance criteria. Since the method criterion is that one of two surrogate compounds must meet acceptance criteria, no corrective action was required.

Sample(s) S-092305-SSH-639 had elevated reporting limits due to matrix interference.

GENERAL CHEMISTRY

The analytical results met the requirements of the laboratory's QA/QC program.

QUALITY CONTROL ELEMENTS OF SW-846 METHODS

STL North Canton conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. STL North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples. These QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. The only exception is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed below.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals
Methylene chloride	Phthalate Esters	Copper
Acetone		Iron
2-Butanone		Zinc
		Lead*

- *for analyses run on TJA Trace ICP, ICPMS or GFAA only*

QUALITY CONTROL ELEMENTS OF SW-846 METHODS
(Continued)

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable. The acceptance criteria do not apply to samples that are diluted for organics if the native sample amount is 4x the concentration of the spike.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepped and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepped and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide, PCB, and PAH methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria.

STL North Canton Certifications and Approvals:

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225), Illinois (#200004), Kansas (#E10336), Massachusetts (#M-OH048), Maryland (#272), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), North Carolina (#39702), Ohio (#6090), OhioVAP (#CL0024), Rhode Island (#237), South Carolina (#92007001, #92007002, #92007003), Tennessee (#02903), Utah (#QUAN9), Virginia (#00011), West Virginia (#210), Wisconsin (#999518190),NAVY, ARMY, USDA Soil Permit, ACIL Seal of Excellence – Participating Lab Status Award (#82)

Y:\Barb\STL headers\Qc846-Narrative_060204.doc, Revised06/02/04 DJL

EXECUTIVE SUMMARY - Detection Highlights

A5I240157

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-092305-SSH-601 09/23/05 08:15 001				
Aroclor 1248	41	35	ug/kg	SW846 8082
Aroclor 1260	340	35	ug/kg	SW846 8082
Percent Solids	93.6	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-602 09/23/05 08:20 002				
Aroclor 1242	620	69	ug/kg	SW846 8082
Aroclor 1260	110	69	ug/kg	SW846 8082
Percent Solids	96.2	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-603 09/23/05 08:25 003				
Aroclor 1242	360	76	ug/kg	SW846 8082
Aroclor 1260	280	76	ug/kg	SW846 8082
Percent Solids	87.4	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-604 09/23/05 08:30 004				
Percent Solids	77.0	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-605 09/23/05 08:40 005				
Aroclor 1254	340	70	ug/kg	SW846 8082
Percent Solids	94.8	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-606 09/23/05 08:45 006				
Aroclor 1254	210	38	ug/kg	SW846 8082
Percent Solids	86.9	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-607 09/23/05 08:50 007				
Aroclor 1254	160	80	ug/kg	SW846 8082
Percent Solids	82.7	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-608 09/23/05 08:55 008				
Aroclor 1254	52	41	ug/kg	SW846 8082
Percent Solids	80.6	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A5I240157

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-092305-SSH-609 09/23/05 09:05 009				
Aroclor 1248	4700	350	ug/kg	SW846 8082
Aroclor 1260	730	350	ug/kg	SW846 8082
Percent Solids	94.3	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-610 09/23/05 09:10 010				
Aroclor 1254	71000	7800	ug/kg	SW846 8082
Percent Solids	84.9	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-611 09/23/05 09:15 011				
Aroclor 1254	64000	8100	ug/kg	SW846 8082
Percent Solids	81.5	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-612 09/23/05 09:20 012				
Aroclor 1254	26 J	41	ug/kg	SW846 8082
Percent Solids	80.5	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-613 09/23/05 09:30 013				
Aroclor 1248	300	35	ug/kg	SW846 8082
Aroclor 1260	110	35	ug/kg	SW846 8082
Percent Solids	95.2	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-614 09/23/05 09:35 014				
Aroclor 1254	980	73	ug/kg	SW846 8082
Percent Solids	90.1	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-615 09/23/05 09:45 015				
Aroclor 1248	4900	350	ug/kg	SW846 8082
Aroclor 1260	400	350	ug/kg	SW846 8082
Percent Solids	94.5	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-616 09/23/05 09:50 016				
Aroclor 1242	100	36	ug/kg	SW846 8082
Aroclor 1260	550	36	ug/kg	SW846 8082
Percent Solids	91.4	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A5I240157

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-092305-SSH-617 09/23/05 09:55 017				
Aroclor 1254	32000	7300	ug/kg	SW846 8082
Percent Solids	89.9	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-618 09/23/05 10:00 018				
Aroclor 1254	180	42	ug/kg	SW846 8082
Percent Solids	78.5	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-638 09/23/05 11:40 038				
Aroclor 1248	2300	360	ug/kg	SW846 8082
Aroclor 1260	290 J	360	ug/kg	SW846 8082
Percent Solids	90.8	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-639 09/23/05 11:45 039				
Percent Solids	92.8	10.0	%	MCAWW 160.3 MOD

ANALYTICAL METHODS SUMMARY

A5I240157

PARAMETER	ANALYTICAL METHOD
PCBs by SW-846 8082	SW846 8082
Total Residue as Percent Solids	MCAWW 160.3 MOD

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A5I240157

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HLCX6	001	S-092305-SSH-601	09/23/05	08:15
HLCX7	002	S-092305-SSH-602	09/23/05	08:20
HLCX8	003	S-092305-SSH-603	09/23/05	08:25
HLCX9	004	S-092305-SSH-604	09/23/05	08:30
HLC0A	005	S-092305-SSH-605	09/23/05	08:40
HLC0C	006	S-092305-SSH-606	09/23/05	08:45
HLC0D	007	S-092305-SSH-607	09/23/05	08:50
HLC0E	008	S-092305-SSH-608	09/23/05	08:55
HLC0F	009	S-092305-SSH-609	09/23/05	09:05
HLC0G	010	S-092305-SSH-610	09/23/05	09:10
HLC0H	011	S-092305-SSH-611	09/23/05	09:15
HLC0J	012	S-092305-SSH-612	09/23/05	09:20
HLC0K	013	S-092305-SSH-613	09/23/05	09:30
HLC0L	014	S-092305-SSH-614	09/23/05	09:35
HLC0M	015	S-092305-SSH-615	09/23/05	09:45
HLC0N	016	S-092305-SSH-616	09/23/05	09:50
HLC0P	017	S-092305-SSH-617	09/23/05	09:55
HLC0Q	018	S-092305-SSH-618	09/23/05	10:00
HLC1J	038	S-092305-SSH-638	09/23/05	11:40
HLC1K	039	S-092305-SSH-639	09/23/05	11:45

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-601

GC Semivolatiles

Lot-Sample #...: A5I240157-001 **Work Order #...:** HLCX61AC **Matrix.....:** SO
Date Sampled...: 09/23/05 08:15 **Date Received..:** 09/24/05
Prep Date.....: 09/25/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5267099
Dilution Factor: 1
% Moisture.....: 6.4 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	7.2
Aroclor 1221	ND	35	ug/kg	11
Aroclor 1232	ND	35	ug/kg	5.6
Aroclor 1242	ND	35	ug/kg	11
Aroclor 1248	**41**	**35**	**ug/kg**	**5.1**
Aroclor 1254	ND	35	ug/kg	4.6
Aroclor 1260	**340**	**35**	**ug/kg**	**8.5**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	91	(10 - 127)
Decachlorobiphenyl	93	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-602

GC Semivolatiles

Lot-Sample #...: A5I240157-002 **Work Order #...:** HLCX71AC **Matrix.....:** SO
Date Sampled...: 09/23/05 08:20 **Date Received..:** 09/24/05
Prep Date.....: 09/25/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5267099
Dilution Factor: 2
% Moisture.....: 3.8 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	69	ug/kg	14
Aroclor 1221	ND	69	ug/kg	21
Aroclor 1232	ND	69	ug/kg	11
Aroclor 1242	**620**	**69**	**ug/kg**	**21**
Aroclor 1248	ND	69	ug/kg	10
Aroclor 1254	ND	69	ug/kg	8.9
Aroclor 1260	**110**	**69**	**ug/kg**	**17**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	99	(10 - 127)
Decachlorobiphenyl	96	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-603

GC Semivolatiles

Lot-Sample #...: A5I240157-003 **Work Order #...:** HLCX81AC **Matrix.....:** SO
Date Sampled...: 09/23/05 08:25 **Date Received..:** 09/24/05
Prep Date.....: 09/25/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5267099
Dilution Factor: 2
% Moisture.....: 13 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	76	ug/kg	15
Aroclor 1221	ND	76	ug/kg	23
Aroclor 1232	ND	76	ug/kg	12
Aroclor 1242	**360**	**76**	**ug/kg**	**23**
Aroclor 1248	ND	76	ug/kg	11
Aroclor 1254	ND	76	ug/kg	9.8
Aroclor 1260	**280**	**76**	**ug/kg**	**18**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	109	(10 - 127)
Decachlorobiphenyl	117	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-604

GC Semivolatiles

Lot-Sample #...: A5I240157-004 **Work Order #...:** HLCX91AC **Matrix.....:** SO
Date Sampled...: 09/23/05 08:30 **Date Received..:** 09/24/05
Prep Date.....: 09/25/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5267099
Dilution Factor: 1
% Moisture.....: 23 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	43	ug/kg	8.7
Aroclor 1221	ND	43	ug/kg	13
Aroclor 1232	ND	43	ug/kg	6.8
Aroclor 1242	ND	43	ug/kg	13
Aroclor 1248	ND	43	ug/kg	6.2
Aroclor 1254	ND	43	ug/kg	5.6
Aroclor 1260	ND	43	ug/kg	10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	69	(10 - 127)
Decachlorobiphenyl	50	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-605

GC Semivolatiles

Lot-Sample #...: A5I240157-005 **Work Order #...:** HLC0A1AC **Matrix.....:** SO
Date Sampled...: 09/23/05 08:40 **Date Received..:** 09/24/05
Prep Date.....: 09/25/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5267099
Dilution Factor: 2
% Moisture.....: 5.2 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	70	ug/kg	14
Aroclor 1221	ND	70	ug/kg	21
Aroclor 1232	ND	70	ug/kg	11
Aroclor 1242	ND	70	ug/kg	21
Aroclor 1248	ND	70	ug/kg	10
Aroclor 1254	**340**	**70**	**ug/kg**	**9.1**
Aroclor 1260	ND	70	ug/kg	17

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	92	(10 - 127)
Decachlorobiphenyl	81	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-606

GC Semivolatiles

Lot-Sample #...: A5I240157-006 **Work Order #...:** HLC0C1AC **Matrix.....:** SO
Date Sampled...: 09/23/05 08:45 **Date Received..:** 09/24/05
Prep Date.....: 09/25/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5267099
Dilution Factor: 1
% Moisture.....: 13 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	7.7
Aroclor 1221	ND	38	ug/kg	11
Aroclor 1232	ND	38	ug/kg	6.0
Aroclor 1242	ND	38	ug/kg	12
Aroclor 1248	ND	38	ug/kg	5.5
Aroclor 1254	**210**	**38**	**ug/kg**	**5.0**
Aroclor 1260	ND	38	ug/kg	9.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	79	(10 - 127)
Decachlorobiphenyl	76	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-607

GC Semivolatiles

Lot-Sample #...: A5I240157-007 **Work Order #...:** HLC0D1AC **Matrix.....:** SO
Date Sampled...: 09/23/05 08:50 **Date Received..:** 09/24/05
Prep Date.....: 09/25/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5267099
Dilution Factor: 2
% Moisture.....: 17 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	80	ug/kg	16
Aroclor 1221	ND	80	ug/kg	24
Aroclor 1232	ND	80	ug/kg	13
Aroclor 1242	ND	80	ug/kg	24
Aroclor 1248	ND	80	ug/kg	12
Aroclor 1254	**160**	**80**	**ug/kg**	**10**
Aroclor 1260	ND	80	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	89	(10 - 127)
Decachlorobiphenyl	88	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-608

GC Semivolatiles

Lot-Sample #...: A5I240157-008 **Work Order #...:** HLC0E1AC **Matrix.....:** SO
Date Sampled...: 09/23/05 08:55 **Date Received..:** 09/24/05
Prep Date.....: 09/25/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5267099
Dilution Factor: 1
% Moisture.....: 19 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	41	ug/kg	8.3
Aroclor 1221	ND	41	ug/kg	12
Aroclor 1232	ND	41	ug/kg	6.5
Aroclor 1242	ND	41	ug/kg	12
Aroclor 1248	ND	41	ug/kg	6.0
Aroclor 1254	**52**	**41**	**ug/kg**	**5.3**
Aroclor 1260	ND	41	ug/kg	9.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(10 - 127)
Decachlorobiphenyl	89	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-609

GC Semivolatiles

Lot-Sample #...: A5I240157-009 **Work Order #...:** HLC0F1AC **Matrix.....:** SO
Date Sampled...: 09/23/05 09:05 **Date Received..:** 09/24/05
Prep Date.....: 09/25/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5267099
Dilution Factor: 10
% Moisture.....: 5.7 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	350	ug/kg	71
Aroclor 1221	ND	350	ug/kg	110
Aroclor 1232	ND	350	ug/kg	55
Aroclor 1242	ND	350	ug/kg	110
Aroclor 1248	**4700**	**350**	**ug/kg**	**51**
Aroclor 1254	ND	350	ug/kg	46
Aroclor 1260	**730**	**350**	**ug/kg**	**85**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	95 DIL	(10 - 127)
Decachlorobiphenyl	123 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-610

GC Semivolatiles

Lot-Sample #...: A5I240157-010 **Work Order #...:** HLC0G1AC **Matrix.....:** SO
Date Sampled...: 09/23/05 09:10 **Date Received..:** 09/24/05
Prep Date.....: 09/25/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5267099
Dilution Factor: 200
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	7800	ug/kg	1600
Aroclor 1221	ND	7800	ug/kg	2300
Aroclor 1232	ND	7800	ug/kg	1200
Aroclor 1242	ND	7800	ug/kg	2400
Aroclor 1248	ND	7800	ug/kg	1100
Aroclor 1254	**71000**	**7800**	**ug/kg**	**1000**
Aroclor 1260	ND	7800	ug/kg	1900

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	529 DIL,*	(10 - 127)
Decachlorobiphenyl	142 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-611

GC Semivolatiles

Lot-Sample #...: A5I240157-011 **Work Order #...:** HLC0H1AC **Matrix.....:** SO
Date Sampled...: 09/23/05 09:15 **Date Received..:** 09/24/05
Prep Date.....: 09/25/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5267099
Dilution Factor: 200
% Moisture.....: 18 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	8100	ug/kg	1600
Aroclor 1221	ND	8100	ug/kg	2400
Aroclor 1232	ND	8100	ug/kg	1300
Aroclor 1242	ND	8100	ug/kg	2500
Aroclor 1248	ND	8100	ug/kg	1200
Aroclor 1254	**64000**	**8100**	**ug/kg**	**1100**
Aroclor 1260	ND	8100	ug/kg	2000

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	410 DIL,*	(10 - 127)
Decachlorobiphenyl	192 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-612

GC Semivolatiles

Lot-Sample #...: A5I240157-012 **Work Order #...:** HLC0J1AC **Matrix.....:** SO
Date Sampled...: 09/23/05 09:20 **Date Received..:** 09/24/05
Prep Date.....: 09/25/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5267099
Dilution Factor: 1
% Moisture.....: 20 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	41	ug/kg	8.3
Aroclor 1221	ND	41	ug/kg	12
Aroclor 1232	ND	41	ug/kg	6.5
Aroclor 1242	ND	41	ug/kg	12
Aroclor 1248	ND	41	ug/kg	6.0
Aroclor 1254	**26 J**	**41**	**ug/kg**	**5.3**
Aroclor 1260	ND	41	ug/kg	9.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	96	(10 - 127)
Decachlorobiphenyl	89	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-613

GC Semivolatiles

Lot-Sample #...: A5I240157-013 **Work Order #...:** HLC0K1AC **Matrix.....:** SO
Date Sampled...: 09/23/05 09:30 **Date Received..:** 09/24/05
Prep Date.....: 09/25/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5267099
Dilution Factor: 1
% Moisture.....: 4.8 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	7.0
Aroclor 1221	ND	35	ug/kg	10
Aroclor 1232	ND	35	ug/kg	5.5
Aroclor 1242	ND	35	ug/kg	11
Aroclor 1248	**300**	**35**	**ug/kg**	**5.0**
Aroclor 1254	ND	35	ug/kg	4.5
Aroclor 1260	**110**	**35**	**ug/kg**	**8.4**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	76	(10 - 127)
Decachlorobiphenyl	75	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-614

GC Semivolatiles

Lot-Sample #...: A5I240157-014 **Work Order #...:** HLC0L1AC **Matrix.....:** SO
Date Sampled...: 09/23/05 09:35 **Date Received..:** 09/24/05
Prep Date.....: 09/25/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5267099
Dilution Factor: 2
% Moisture.....: 9.9 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	73	ug/kg	15
Aroclor 1221	ND	73	ug/kg	22
Aroclor 1232	ND	73	ug/kg	12
Aroclor 1242	ND	73	ug/kg	22
Aroclor 1248	ND	73	ug/kg	11
Aroclor 1254	**980**	**73**	**ug/kg**	**9.5**
Aroclor 1260	ND	73	ug/kg	18

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	83	(10 - 127)
Decachlorobiphenyl	91	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-615

GC Semivolatiles

Lot-Sample #...: A5I240157-015 **Work Order #...:** HLC0M1AC **Matrix.....:** SO
Date Sampled...: 09/23/05 09:45 **Date Received..:** 09/24/05
Prep Date.....: 09/25/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5267099
Dilution Factor: 10
% Moisture.....: 5.5 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	350	ug/kg	71
Aroclor 1221	ND	350	ug/kg	100
Aroclor 1232	ND	350	ug/kg	55
Aroclor 1242	ND	350	ug/kg	110
Aroclor 1248	**4900**	**350**	**ug/kg**	**51**
Aroclor 1254	ND	350	ug/kg	46
Aroclor 1260	**400**	**350**	**ug/kg**	**85**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87 DIL	(10 - 127)
Decachlorobiphenyl	96 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-616

GC Semivolatiles

Lot-Sample #...: A5I240157-016 **Work Order #...:** HLC0N1AC **Matrix.....:** SO
Date Sampled...: 09/23/05 09:50 **Date Received..:** 09/24/05
Prep Date.....: 09/25/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5267099
Dilution Factor: 1
% Moisture.....: 8.6 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.3
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.7
Aroclor 1242	**100**	**36**	**ug/kg**	**11**
Aroclor 1248	ND	36	ug/kg	5.3
Aroclor 1254	ND	36	ug/kg	4.7
Aroclor 1260	**550**	**36**	**ug/kg**	**8.8**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	83	(10 - 127)
Decachlorobiphenyl	140 *	(40 - 138)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-617

GC Semivolatiles

Lot-Sample #...: A5I240157-017 **Work Order #...:** HLC0P1AC **Matrix.....:** SO
Date Sampled...: 09/23/05 09:55 **Date Received..:** 09/24/05
Prep Date.....: 09/25/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5267099
Dilution Factor: 200
% Moisture.....: 10 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	7300	ug/kg	1500
Aroclor 1221	ND	7300	ug/kg	2200
Aroclor 1232	ND	7300	ug/kg	1200
Aroclor 1242	ND	7300	ug/kg	2200
Aroclor 1248	ND	7300	ug/kg	1100
Aroclor 1254	**32000**	**7300**	**ug/kg**	**960**
Aroclor 1260	ND	7300	ug/kg	1800

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	153 DIL,*	(10 - 127)
Decachlorobiphenyl	1040 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-618

GC Semivolatiles

Lot-Sample #...: A5I240157-018 **Work Order #...:** HLC0Q1AC **Matrix.....:** SO
Date Sampled...: 09/23/05 10:00 **Date Received..:** 09/24/05
Prep Date.....: 09/25/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5267099
Dilution Factor: 1
% Moisture.....: 22 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	42	ug/kg	8.5
Aroclor 1221	ND	42	ug/kg	13
Aroclor 1232	ND	42	ug/kg	6.6
Aroclor 1242	ND	42	ug/kg	13
Aroclor 1248	ND	42	ug/kg	6.1
Aroclor 1254	**180**	**42**	**ug/kg**	**5.5**
Aroclor 1260	ND	42	ug/kg	10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	81	(10 - 127)
Decachlorobiphenyl	90	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-638

GC Semivolatiles

Lot-Sample #...: A5I240157-038 **Work Order #...:** HLC1J1AC **Matrix.....:** SO
Date Sampled...: 09/23/05 11:40 **Date Received..:** 09/24/05
Prep Date.....: 09/25/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5267099
Dilution Factor: 10
% Moisture.....: 9.2 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	360	ug/kg	74
Aroclor 1221	ND	360	ug/kg	110
Aroclor 1232	ND	360	ug/kg	57
Aroclor 1242	ND	360	ug/kg	110
Aroclor 1248	**2300**	**360**	**ug/kg**	**53**
Aroclor 1254	ND	360	ug/kg	47
Aroclor 1260	**290 J**	**360**	**ug/kg**	**88**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	95 DIL	(10 - 127)
Decachlorobiphenyl	115 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-639

GC Semivolatiles

Lot-Sample #...: A5I240157-039 **Work Order #...:** HLC1K1AC **Matrix.....:** SO
Date Sampled...: 09/23/05 11:45 **Date Received..:** 09/24/05
Prep Date.....: 09/25/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5267099
Dilution Factor: 5
% Moisture.....: 7.2 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	180	ug/kg	36
Aroclor 1221	ND	180	ug/kg	53
Aroclor 1232	ND	180	ug/kg	28
Aroclor 1242	ND	180	ug/kg	54
Aroclor 1248	ND	180	ug/kg	26
Aroclor 1254	ND	180	ug/kg	23
Aroclor 1260	ND	180	ug/kg	43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	116 DIL	(10 - 127)
Decachlorobiphenyl	115 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-601

General Chemistry

Lot-Sample #...: A5I240157-001 **Work Order #...:** HLCX6 **Matrix.....:** SO
Date Sampled...: 09/23/05 08:15 **Date Received..:** 09/24/05
% Moisture.....: 6.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/26-09/27/05**	**5269522**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-602

General Chemistry

Lot-Sample #...: A5I240157-002 **Work Order #...:** HLCX7 **Matrix.....:** SO
Date Sampled...: 09/23/05 08:20 **Date Received..:** 09/24/05
% Moisture.....: 3.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**96.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/26-09/27/05**	**5269522**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-603

General Chemistry

Lot-Sample #...: A5I240157-003 **Work Order #...:** HLCX8 **Matrix.....:** SO
Date Sampled...: 09/23/05 08:25 **Date Received..:** 09/24/05
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**87.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/26-09/27/05**	**5269522**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-604

General Chemistry

Lot-Sample #...: A5I240157-004 **Work Order #...:** HLCX9 **Matrix.....:** SO
Date Sampled...: 09/23/05 08:30 **Date Received..:** 09/24/05
% Moisture.....: 23

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**77.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/26-09/27/05**	**5269522**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-605

General Chemistry

Lot-Sample #...: A5I240157-005 **Work Order #...:** HLC0A **Matrix.....:** SO
Date Sampled...: 09/23/05 08:40 **Date Received..:** 09/24/05
% Moisture.....: 5.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**94.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/26-09/27/05**	**5269522**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-606

General Chemistry

Lot-Sample #...: A5I240157-006 **Work Order #...:** HLC0C **Matrix.....:** SO
Date Sampled...: 09/23/05 08:45 **Date Received..:** 09/24/05
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**86.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/26-09/27/05**	**5269522**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-607

General Chemistry

Lot-Sample #...: A5I240157-007 **Work Order #...:** HLC0D **Matrix.....:** SO
Date Sampled...: 09/23/05 08:50 **Date Received..:** 09/24/05
% Moisture.....: 17

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**82.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/26-09/27/05**	**5269522**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-608

General Chemistry

Lot-Sample #...: A5I240157-008 **Work Order #...:** HLC0E **Matrix.....:** SO
Date Sampled...: 09/23/05 08:55 **Date Received..:** 09/24/05
% Moisture.....: 19

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**80.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/26-09/27/05**	**5269522**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-609

General Chemistry

Lot-Sample #...: A5I240157-009 **Work Order #...:** HLC0F **Matrix.....:** SO
Date Sampled...: 09/23/05 09:05 **Date Received..:** 09/24/05
% Moisture.....: 5.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**94.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/26-09/27/05**	**5269522**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-610

General Chemistry

Lot-Sample #...: A5I240157-010 **Work Order #...:** HLC0G **Matrix.....:** SO
Date Sampled...: 09/23/05 09:10 **Date Received..:** 09/24/05
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**84.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/26-09/27/05**	**5269522**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-611

General Chemistry

Lot-Sample #...: A5I240157-011 **Work Order #...:** HLC0H **Matrix.....:** SO
Date Sampled...: 09/23/05 09:15 **Date Received..:** 09/24/05
% Moisture.....: 18

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**81.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/26-09/27/05**	**5269522**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-612

General Chemistry

Lot-Sample #...: A5I240157-012 **Work Order #...:** HLC0J **Matrix.....:** SO
Date Sampled...: 09/23/05 09:20 **Date Received..:** 09/24/05
% Moisture.....: 20

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**80.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/26-09/27/05**	**5269522**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-613

General Chemistry

Lot-Sample #...: A5I240157-013 **Work Order #...:** HLC0K **Matrix.....:** SO
Date Sampled...: 09/23/05 09:30 **Date Received..:** 09/24/05
% Moisture.....: 4.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**95.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/26-09/27/05**	**5269522**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-614

General Chemistry

Lot-Sample #...: A5I240157-014 **Work Order #...:** HLC0L **Matrix.....:** SO
Date Sampled...: 09/23/05 09:35 **Date Received..:** 09/24/05
% Moisture.....: 9.9

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/26-09/27/05**	**5269522**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-615

General Chemistry

Lot-Sample #...: A5I240157-015 **Work Order #...:** HLC0M **Matrix.....:** SO
Date Sampled...: 09/23/05 09:45 **Date Received..:** 09/24/05
% Moisture.....: 5.5

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**94.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/26-09/27/05**	**5269522**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-616

General Chemistry

Lot-Sample #...: A5I240157-016 **Work Order #...:** HLC0N **Matrix.....:** SO
Date Sampled...: 09/23/05 09:50 **Date Received..:** 09/24/05
% Moisture.....: 8.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/26-09/27/05**	**5269522**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-617

General Chemistry

Lot-Sample #...: A5I240157-017 **Work Order #...:** HLC0P **Matrix.....:** SO
Date Sampled...: 09/23/05 09:55 **Date Received..:** 09/24/05
% Moisture.....: 10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**89.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/26-09/27/05**	**5269522**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-618

General Chemistry

Lot-Sample #...: A5I240157-018 **Work Order #...:** HLC0Q **Matrix.....:** SO
Date Sampled...: 09/23/05 10:00 **Date Received..:** 09/24/05
% Moisture.....: 22

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**78.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/26-09/27/05**	**5269522**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-638

General Chemistry

Lot-Sample #...: A5I240157-038 **Work Order #...:** HLC1J **Matrix.....:** SO
Date Sampled...: 09/23/05 11:40 **Date Received..:** 09/24/05
% Moisture.....: 9.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/26-09/27/05**	**5269522**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-639

General Chemistry

Lot-Sample #...: A5I240157-039 **Work Order #...:** HLC1K **Matrix.....:** SO
Date Sampled...: 09/23/05 11:45 **Date Received..:** 09/24/05
% Moisture.....: 7.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**09/26-09/27/05**	**5269522**

Dilution Factor: 1 MDL.....: 10.0

QUALITY CONTROL SECTION

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A5I240157 **Work Order #...:** HLC5K1AA **Matrix.....:** SOLID
MB Lot-Sample #: A5I240000-099

Prep Date.....: 09/25/05
Analysis Date..: 09/27/05 **Prep Batch #...:** 5267099
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	89	(10 - 127)
Decachlorobiphenyl	94	(40 - 138)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A5I240157 **Work Order #...:** HLC5K1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5I240000-099
Prep Date.....: 09/25/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5267099
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**320**	**ug/kg**	**95**	**SW846 8082**
Aroclor 1260	**330**	**330**	**ug/kg**	**98**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	98	(10 - 127)
Decachlorobiphenyl	99	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A5I240157 **Work Order #...:** HLC5K1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5I240000-099
Prep Date.....: 09/25/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5267099
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**95**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**98**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	98	(10 - 127)
Decachlorobiphenyl	99	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A5I240157 **Work Order #...:** HLCX61AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5I240157-001 HLCX61AE-MSD
Date Sampled...: 09/23/05 08:15 **Date Received..:** 09/24/05
Prep Date.....: 09/25/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5267099
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**350**	**330**	**ug/kg**	**92**		**SW846 8082**
	ND	**350**	**340**	**ug/kg**	**95**	**3.6**	**SW846 8082**
Aroclor 1260	**340**	**350**	**610**	**ug/kg**	**76**		**SW846 8082**
	340	**350**	**530**	**ug/kg**	**53**	**14**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	169 *	(10 - 127)
	92	(10 - 127)
Decachlorobiphenyl	156 *	(40 - 138)
	79	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A5I240157 **Work Order #...:** HLCX61AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5I240157-001 HLCX61AE-MSD
Date Sampled...: 09/23/05 08:15 **Date Received..:** 09/24/05
Prep Date.....: 09/25/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5267099
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**92**	**(10 - 200)**			**SW846 8082**
	95	**(10 - 200)**	**3.6**	**(0-30)**	**SW846 8082**
Aroclor 1260	**76**	**(10 - 200)**			**SW846 8082**
	53	**(10 - 200)**	**14**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	169 *	(10 - 127)
	92	(10 - 127)
Decachlorobiphenyl	156 *	(40 - 138)
	79	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A5I240157 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids		Work Order #: HLE0P1AA		MB Lot-Sample #:	A5I260000-522	
	ND	10.0	%	MCAWW 160.3 MOD	09/26-09/27/05	5269522
		Dilution Factor: 1				

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5I240157 **Work Order #...:** HLCX6-SMP **Matrix.....:** SO
HLCX6-DUP
Date Sampled...: 09/23/05 08:15 **Date Received..:** 09/24/05
% Moisture.....: 6.4

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5I240157-001		
	93.6	94.2	%	0.62	(0-20)	MCAWW 160.3 MOD	09/26-09/27/05	5269522

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5I240157 **Work Order #...:** HLC1K-SMP **Matrix.....:** SO
HLC1K-DUP
Date Sampled...: 09/23/05 11:45 **Date Received..:** 09/24/05
% Moisture.....: 7.2

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5I240157-039		
	92.8	93.3	%	0.48	(0-20)	MCAWW 160.3 MOD	09/26-09/27/05	5269522

Dilution Factor: 1

GM REALM
ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

60

PAGE 1 OF 3

ID # N° 02322

SSOW Ref. Code: E13100B

uired Client Information:

pany: CRA, Inc.	Report To: Mike Tomka
ress:	Copy To: Paul Wiseman
496 Sheldon Rd Plymouth	Invoice To: Mike Tomka
Plymouth MI 48170	P.O.:
he: 734-453-5123	Project Name: GMPT SMCO
-5201	Project Number: 17075-20-02
ail: craworld.com	

Laboratory:	STL
Laboratory Location:	North Canton, OH
Laboratory Contact:	Denise Heckler
Requested Due Date:	24 hrs TAT: RUSH
QA/QC Requirements:	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

mple Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Analysis and Method: PCBs	Remarks/Lab ID
S-092305-SSH-601	SO	9/23/05	0815	1	X						X	*RUSH
-602	SO		0820	1	X						X	
-603	SO		0825	1	X						X	
-604	SO		0830	1	X						X	
-605	SO		0840	1	X						X	
-606	SO		0845	1	X						X	
-607	SO		0850	1	X						X	
S-092305-SSM -608	SO		0855	1	X						X	
-609	SO		0905	1	X						X	
-610	SO		0910	1	X						X	
-611	SO		0915	1	X						X	
-612	SO		0920	1	X						X	
-613	SO		0930	1	X						X	
-614	SO		0935	1	X						X	
S-092305-SSH -615	SO		0945	1	X						X	
			TOTAL NUMBER OF CONTAINERS	15								

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	1	[signature] CRA	9/23/05	1600	Diana Miller / STL	9/24/05	9:30
AIRBILL NO. 8526 7579 6890							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Steven S. Howerzyer

Sampler Signature: [signature] Date: 9/23/05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

STL North Canton

CHAIN-OF-CUSTODY / Analytical Request Document

GM REALM ENCORE

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 2 OF 3

ID # Nº 02323

SSOW Ref. Code: E13100B

Required Client Information:

Company: CRA, Inc.	Report To: Mike Tomka
Address:	Copy To: Paul Wasman
14496 Sheldon Rd STE 200	Invoice To: Mike Tomka
Plymouth MI 48170	P.O.:
Phone: 734-453-5123	Project Name: GMPT SMCO
Fax: -5201	Project Number: 17075-30-02
Email: craworld.com	

Laboratory:	STL
Laboratory Location:	North Canton, OH
Laboratory Contact:	Denise Heckler
Requested Due Date:	24 hrs — TAT: RUSH
QA/QC Requirements:	

Valid Matrix Codes: WG Groundwater, WB Borehole Water, WS Surface Water, SO Soil, SE Sediment, See Back for Additional Codes

Sample Identification	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	PCBs (Analysis and Method)	Remarks/Lab ID
S-092305-SSH-616	SO	9/23/05	0950	1	X						X	*RUSH*
-617	SO		0955	1	X						X	
-618	SO		1000	1	X						X	
-619	SO		1005	1	X						X	Hold
-620	SO		1010	1	X						X	Hold
-621	SO		1015	1	X						X	Hold
-622	SO		1020	1	X						X	Hold
S-092305-SSH-623	SO		1025	1	X						X	Hold
-624	SO		1030	1	X						X	Hold
-625	SO		1035	1	X						X	Hold
-626	SO		1040	1	X						X	Hold
-627	SO		1045	1	X						X	Hold
-628	SO		1050	1	X						X	Hold
-629	SO		1055	1	X						X	Hold
S-092305-SSH-630	SO		1100	1	X						X	Hold

TOTAL NUMBER OF CONTAINERS: 15

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	1	[signature] / CRA	9/23/05	1600	Diana Mitev / STL	9/24/05	9:30
AIRBILL NO. 8526 7579 6890							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Steven S. Howemeyer

Sampler Signature: [signature] Date: 9/23/05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 016.04

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

62

PAGE 3 OF 3

ID # N 02332

SSOW Ref. Code: E13100B

Required Client Information:

Company: CRA, Inc	Report To: Mike Tonka
Address:	Copy To: Paul Wiseman
7496 Shelton Rd STE 202	Invoice To: Mike Tonka
Plymouth MI 48170	P.O.:
Phone: 734-453-5123	Project Name: GMPT SMCO
Fax: -5701	Project Number: 17075-30-02
Email: crawarld.com	

Laboratory:	STL
Laboratory Location:	North Canton, OH
Laboratory Contact:	Denise Heckler
Requested Due Date:	24 hrs TAT: RUSH
QA/QC Requirements:	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Analysis and Method: PCBs											Remarks/Lab ID
S-092305-SSH-631	SO	9/23/05	1105	1	X						X											*RUSH* Hold
-632	SO		1110	1	X						X											Hold
-633	SO		1115	1	X						X											Hold
-634	SO		1120	1	X						X											Hold
-635	SO		1125	1	X						X											Hold
-636	SO		1130	1	X						X											Hold
-637	SO		1135	1	X						X											Hold
-638	SO		1140	1	X						X											
S-092305-SSH-639	SO		1145	1	X						X											
																						BATCH COMPLETE
			TOTAL NUMBER OF CONTAINERS	9	(39)																	

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	1	Steven S. Hoevenaar / CRA	9/23/05	1600	Diane Miller / STL	9/24/05	9:30
AIRBILL NO.	8576 7579 6890						

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Steven S. Hoevenaar

Sampler Signature: Steven S. Hoevenaar Date: 9/23/05

STL North Canton

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 01/04

STL Cooler Receipt Form/Narrative **Lot Number:** ASI240157

North Canton Facility

Client: ORA Project: GMPT-SMCO Quote#: 63981

Cooler Received on: 9/24/05 Opened on: 9/24/05 by: Virang Mistry (Signature)

Fedx ☑ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ STL Courier ☐

Stetson ☐ US Cargo ☐ Other: _____

STL Cooler No# 241-110 Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler? Yes ☑ No ☐ Intact? Yes ☑ No ☐ NA ☐
   If YES, Quantity 1
   Were the custody seals signed and dated? Yes ☑ No ☐ NA ☐
2. Shipper's packing slip attached to this form? Yes ☑ No ☐ NA ☐
3. Did custody papers accompany the samples? Yes ☑ No ☐ Relinquished by client? Yes ☑ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☑ No ☐
5. Packing material used: Bubble Wrap ☑ Foam ☐ None ☐ Other: _____
6. Cooler temperature upon receipt 2.4 °C (see back of form for multiple coolers/temp)

METHOD: Temp Vial ☐ Coolant & Sample ☐ Against Bottles ☐ IR ☑ ICE/$H_2$0 Slurry ☐

COOLANT: Wet Ice ☑ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☑ No ☐
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☑ No ☐
9. Were samples at the correct pH? (record below/on back) Yes ☐ No ☐ NA ☑
10. Were correct bottles used for the tests indicated? Yes ☑ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☑
12. Sufficient quantity received to perform indicated analyses? Yes ☑ No ☐
13. Was a Trip Blank present in the cooler? Yes ☐ No ☑ Were VOAs on the COC? Yes ☐ No ☑
14. Does the trip blank number match the cooler number in which it was received? Yes ☐ No ☐ NA ☑

Contacted PM _____ Date: _____ by: _____ via Voice Mail ☐ Verbal ☐ Other ☐

Concerning: _____

√	

1. CHAIN OF CUSTODY

The following discrepancies occurred:

2. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

3. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot # 071805-HNO3; Sulfuric Acid Lot # 041305-H2SO4; Sodium Hydroxide Lot # -041305 -NaOH; Hydrochloric Acid Lot # 100504-HCl; Sodium Hydroxide and Zinc Acetate Lot # 071604-CH3COO2ZN/NaOH*

Sample(s) _____ were received with bubble > 6 mm in diameter (cc: PM)

4. Other (see below or back)

Client ID	pH	Date	Initials

STL Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp	Method	Coolant

Discrepancies Cont.

END OF REPORT

Table of Contents

Return to Navigator

SEVERN TRENT STL®

STL North Canton
4101 Shuffel Drive NW
North Canton, OH 44720

Tel: 330 497 9396 Fax: 330 497 0772
www.stl-inc.com

ANALYTICAL REPORT

PROJECT NO. 17075-30-02

GMPT SMCO SSOW# E131008

Lot #: A5J040264

Paul Wiseman (PM)

Conestoga Rovers & Assoc., Inc
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

SEVERN TRENT LABORATORIES, INC.

Denise D. Heckler
Project Manager

October 18, 2005

CASE NARRATIVE

CASE NARRATIVE

A5J040264

The following report contains the analytical results for fifteen solid samples submitted to STL North Canton by Conestoga-Rovers & Associates, Inc. from the GMPT SMCO SSOW# E131008 Site, project number 17075-30-02. The samples were originally received September 24, 2005, according to documented sample acceptance procedures and were archived. The client requested analysis on October 4, 2005.

STL utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

STL North Canton attests to the validity of the laboratory data generated by STL facilities reported herein. All analyses performed by STL facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. STL's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by a dry weight adjustment footnote at the bottom of the analytical report page. The list of parameters which are never reported on a dry weight basis is included on the Sample Summary.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

If you have any questions, please call the Project Manager, Denise D. Heckler, at 734-205-2535.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

POLYCHLORINATED BIPHENYLS-8082

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

The matrix spike/matrix spike duplicate(s) for S-092305-SSH-619 had RPD's outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

For sample S-092305-SSH-629 the recovery for one surrogate compound is outside acceptance criteria. Since the method criterion is that one of two surrogate compounds must meet acceptance criteria, no corrective action was required.

GENERAL CHEMISTRY

The analytical results met the requirements of the laboratory's QA/QC program.

QUALITY CONTROL ELEMENTS OF SW-846 METHODS

STL North Canton conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. STL North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples. These QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. The only exception is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed below.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals
Methylene chloride	Phthalate Esters	Copper
Acetone		Iron
2-Butanone		Zinc
		Lead*

- *for analyses run on TJA Trace ICP, ICPMS or GFAA only*

QUALITY CONTROL ELEMENTS OF SW-846 METHODS
(Continued)

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable. The acceptance criteria do not apply to samples that are diluted for organics if the native sample amount is 4x the concentration of the spike.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepped and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepped and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide, PCB, and PAH methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria.

STL North Canton Certifications and Approvals:

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225), Illinois (#200004), Kansas (#E10336), Massachusetts (#M-OH048), Maryland (#272), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), North Carolina (#39702), Ohio (#6090), OhioVAP (#CL0024), Rhode Island (#237), South Carolina (#92007001, #92007002, #92007003), Tennessee (#02903), Utah (#QUAN9), Virginia (#00011), West Virginia (#210), Wisconsin (#999518190),NAVY, ARMY, USDA Soil Permit, ACIL Seal of Excellence – Participating Lab Status Award (#82)

Y:\Barb\STL headers\Qc846-Narrative_060204.doc, Revised06/02/04 DJL

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

A5J040264

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-092305-SSH-619 09/23/05 10:05 001				
Aroclor 1248	61	35	ug/kg	SW846 8082
Aroclor 1260	81	35	ug/kg	SW846 8082
Percent Solids	93.2	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-620 09/23/05 10:10 002				
Aroclor 1248	100	72	ug/kg	SW846 8082
Aroclor 1260	390	72	ug/kg	SW846 8082
Percent Solids	91.5	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-621 09/23/05 10:15 003				
Aroclor 1248	12 J	38	ug/kg	SW846 8082
Percent Solids	86.8	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-622 09/23/05 10:20 004				
Aroclor 1248	380	36	ug/kg	SW846 8082
Aroclor 1260	450	36	ug/kg	SW846 8082
Percent Solids	91.2	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-623 09/23/05 10:25 005				
Aroclor 1248	66	37	ug/kg	SW846 8082
Aroclor 1260	25 J	37	ug/kg	SW846 8082
Percent Solids	89.0	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-624 09/23/05 10:30 006				
Aroclor 1248	31 J	37	ug/kg	SW846 8082
Aroclor 1260	25 J	37	ug/kg	SW846 8082
Percent Solids	90.0	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-625 09/23/05 22:35 007				
Aroclor 1248	2200	190	ug/kg	SW846 8082
Aroclor 1260	1100	190	ug/kg	SW846 8082
Percent Solids	88.4	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A5J040264

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-092305-SSH-626 09/23/05 10:40 008				
Aroclor 1248	440	200	ug/kg	SW846 8082
Aroclor 1260	510	200	ug/kg	SW846 8082
Percent Solids	82.2	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-627 09/23/05 10:45 009				
Aroclor 1260	6800	710	ug/kg	SW846 8082
Percent Solids	93.5	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-628 09/23/05 10:50 010				
Aroclor 1248	120	36	ug/kg	SW846 8082
Aroclor 1260	230	36	ug/kg	SW846 8082
Percent Solids	92.6	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-629 09/23/05 10:55 011				
Aroclor 1248	82	40	ug/kg	SW846 8082
Aroclor 1260	84	40	ug/kg	SW846 8082
Percent Solids	82.5	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-630 09/23/05 11:00 012				
Aroclor 1260	2000	180	ug/kg	SW846 8082
Percent Solids	92.7	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-631 09/23/05 11:05 013				
Aroclor 1248	490	180	ug/kg	SW846 8082
Aroclor 1260	480	180	ug/kg	SW846 8082
Percent Solids	92.6	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-636 09/23/05 11:30 014				
Aroclor 1248	170	37	ug/kg	SW846 8082
Aroclor 1260	560	37	ug/kg	SW846 8082
Percent Solids	90.0	10.0	%	MCAWW 160.3 MOD
S-092305-SSH-637 09/23/05 11:35 015				
Aroclor 1248	6200	1800	ug/kg	SW846 8082
Aroclor 1260	12000	1800	ug/kg	SW846 8082
Percent Solids	92.4	10.0	%	MCAWW 160.3 MOD

METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

A5J040264

PARAMETER	ANALYTICAL METHOD
PCBs by SW-846 8082	SW846 8082
Total Residue as Percent Solids	MCAWW 160.3 MOD

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

SAMPLE SUMMARY

A5J040264

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HL1GN	001	S-092305-SSH-619	09/23/05	10:05
HL1G5	002	S-092305-SSH-620	09/23/05	10:10
HL1G6	003	S-092305-SSH-621	09/23/05	10:15
HL1G9	004	S-092305-SSH-622	09/23/05	10:20
HL1HD	005	S-092305-SSH-623	09/23/05	10:25
HL1HF	006	S-092305-SSH-624	09/23/05	10:30
HL1HJ	007	S-092305-SSH-625	09/23/05	22:35
HL1HN	008	S-092305-SSH-626	09/23/05	10:40
HL1HQ	009	S-092305-SSH-627	09/23/05	10:45
HL1HV	010	S-092305-SSH-628	09/23/05	10:50
HL1HX	011	S-092305-SSH-629	09/23/05	10:55
HL1H0	012	S-092305-SSH-630	09/23/05	11:00
HL1H2	013	S-092305-SSH-631	09/23/05	11:05
HL1H4	014	S-092305-SSH-636	09/23/05	11:30
HL1H9	015	S-092305-SSH-637	09/23/05	11:35

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

SHIPPING AND RECEIVING DOCUMENTS

RSR280

Severn Trent Laboratories, Inc.
Sample Control Record

Client: 57787

Lot #: A5J040264

Case Number/SDG: 17075

Storage Location: C97

Laboratory Sample I.D.	Transferred By	Date	Entered	Removed	Reason	Date Returned
HL1GN	SANDERA2	9/24/05	Yes		Storage	
HL1G5	SANDERA2	9/24/05	Yes		Storage	
HL1G6	SANDERA2	9/24/05	Yes		Storage	
HL1G9	SANDERA2	9/24/05	Yes		Storage	
HL1HD	SANDERA2	9/24/05	Yes		Storage	
HL1HF	SANDERA2	9/24/05	Yes		Storage	
HL1HJ	SANDERA2	9/24/05	Yes		Storage	
HL1HN	SANDERA2	9/24/05	Yes		Storage	
HL1HQ	SANDERA2	9/24/05	Yes		Storage	
HL1HV	SANDERA2	9/24/05	Yes		Storage	
HL1HX	SANDERA2	9/24/05	Yes		Storage	
HL1H0	SANDERA2	9/24/05	Yes		Storage	
HL1H2	SANDERA2	9/24/05	Yes		Storage	
HL1H4	SANDERA2	9/24/05	Yes		Storage	
HL1H9	SANDERA2	9/24/05	Yes		Storage	

POLYCHLORINATED BIPHENYLS DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-619

GC Semivolatiles

Lot-Sample #...: A5J040264-001 **Work Order #...:** HL1GN1AC **Matrix.....:** SO
Date Sampled...: 09/23/05 10:05 **Date Received..:** 09/24/05
Prep Date.....: 10/05/05 **Analysis Date..:** 10/06/05
Prep Batch #...: 5278022
Dilution Factor: 1 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 6.8 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	7.2
Aroclor 1221	ND	35	ug/kg	11
Aroclor 1232	ND	35	ug/kg	5.6
Aroclor 1242	ND	35	ug/kg	11
Aroclor 1248	**61**	**35**	**ug/kg**	**5.2**
Aroclor 1254	ND	35	ug/kg	4.6
Aroclor 1260	**81**	**35**	**ug/kg**	**8.6**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78	(10 - 127)
Decachlorobiphenyl	92	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-620

GC Semivolatiles

Lot-Sample #...: A5J040264-002 **Work Order #...:** HL1G51AC **Matrix.....:** SO
Date Sampled...: 09/23/05 10:10 **Date Received..:** 09/24/05
Prep Date.....: 10/05/05 **Analysis Date..:** 10/06/05
Prep Batch #...: 5278022
Dilution Factor: 2 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 8.5 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	72	ug/kg	15
Aroclor 1221	ND	72	ug/kg	22
Aroclor 1232	ND	72	ug/kg	11
Aroclor 1242	ND	72	ug/kg	22
Aroclor 1248	**100**	**72**	**ug/kg**	**10**
Aroclor 1254	ND	72	ug/kg	9.4
Aroclor 1260	**390**	**72**	**ug/kg**	**17**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	80	(10 - 127)
Decachlorobiphenyl	86	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-621

GC Semivolatiles

Lot-Sample #...: A5J040264-003 **Work Order #...:** HL1G61AC **Matrix.....:** SO
Date Sampled...: 09/23/05 10:15 **Date Received..:** 09/24/05
Prep Date.....: 10/05/05 **Analysis Date..:** 10/06/05
Prep Batch #...: 5278022
Dilution Factor: 1 **Initial Wgt/Vol:** 30.15 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 13 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	7.7
Aroclor 1221	ND	38	ug/kg	11
Aroclor 1232	ND	38	ug/kg	6.0
Aroclor 1242	ND	38	ug/kg	12
Aroclor 1248	**12 J**	**38**	**ug/kg**	**5.5**
Aroclor 1254	ND	38	ug/kg	5.0
Aroclor 1260	ND	38	ug/kg	9.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	98	(10 - 127)
Decachlorobiphenyl	88	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-622

GC Semivolatiles

Lot-Sample #...: A5J040264-004 **Work Order #...:** HL1G91AC **Matrix.....:** SO
Date Sampled...: 09/23/05 10:20 **Date Received..:** 09/24/05
Prep Date.....: 10/05/05 **Analysis Date..:** 10/06/05
Prep Batch #...: 5278022
Dilution Factor: 1 **Initial Wgt/Vol:** 30.02 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 8.8 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.3
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.7
Aroclor 1242	ND	36	ug/kg	11
Aroclor 1248	**380**	**36**	**ug/kg**	**5.3**
Aroclor 1254	ND	36	ug/kg	4.7
Aroclor 1260	**450**	**36**	**ug/kg**	**8.8**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78	(10 - 127)
Decachlorobiphenyl	69	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-623

GC Semivolatiles

Lot-Sample #...: A5J040264-005 **Work Order #...:** HL1HD1AC **Matrix.....:** SO
Date Sampled...: 09/23/05 10:25 **Date Received..:** 09/24/05
Prep Date.....: 10/05/05 **Analysis Date..:** 10/06/05
Prep Batch #...: 5278022
Dilution Factor: 1 **Initial Wgt/Vol:** 30.01 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	7.5
Aroclor 1221	ND	37	ug/kg	11
Aroclor 1232	ND	37	ug/kg	5.8
Aroclor 1242	ND	37	ug/kg	11
Aroclor 1248	**66**	**37**	**ug/kg**	**5.4**
Aroclor 1254	ND	37	ug/kg	4.8
Aroclor 1260	**25 J**	**37**	**ug/kg**	**9.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	92	(10 - 127)
Decachlorobiphenyl	87	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-624

GC Semivolatiles

Lot-Sample #...: A5J040264-006 **Work Order #...:** HL1HF1AC **Matrix.....:** SO
Date Sampled...: 09/23/05 10:30 **Date Received..:** 09/24/05
Prep Date.....: 10/05/05 **Analysis Date..:** 10/06/05
Prep Batch #...: 5278022
Dilution Factor: 1 **Initial Wgt/Vol:** 30.01 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 10 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	7.4
Aroclor 1221	ND	37	ug/kg	11
Aroclor 1232	ND	37	ug/kg	5.8
Aroclor 1242	ND	37	ug/kg	11
Aroclor 1248	**31 J**	**37**	**ug/kg**	**5.3**
Aroclor 1254	ND	37	ug/kg	4.8
Aroclor 1260	**25 J**	**37**	**ug/kg**	**8.9**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	89	(10 - 127)
Decachlorobiphenyl	81	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-625

GC Semivolatiles

Lot-Sample #...: A5J040264-007 **Work Order #...:** HL1HJ1AC **Matrix.....:** SO
Date Sampled...: 09/23/05 22:35 **Date Received..:** 09/24/05
Prep Date.....: 10/05/05 **Analysis Date..:** 10/06/05
Prep Batch #...: 5278022
Dilution Factor: 5 **Initial Wgt/Vol:** 30.1 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	190	ug/kg	38
Aroclor 1221	ND	190	ug/kg	56
Aroclor 1232	ND	190	ug/kg	29
Aroclor 1242	ND	190	ug/kg	57
Aroclor 1248	**2200**	**190**	**ug/kg**	**27**
Aroclor 1254	ND	190	ug/kg	24
Aroclor 1260	**1100**	**190**	**ug/kg**	**45**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	101 DIL	(10 - 127)
Decachlorobiphenyl	72 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-626

GC Semivolatiles

Lot-Sample #...: A5J040264-008 **Work Order #...:** HL1HN1AC **Matrix.....:** SO
Date Sampled...: 09/23/05 10:40 **Date Received..:** 09/24/05
Prep Date.....: 10/05/05 **Analysis Date..:** 10/06/05
Prep Batch #...: 5278022
Dilution Factor: 5 **Initial Wgt/Vol:** 30 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 18 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	200	ug/kg	41
Aroclor 1221	ND	200	ug/kg	60
Aroclor 1232	ND	200	ug/kg	32
Aroclor 1242	ND	200	ug/kg	61
Aroclor 1248	**440**	**200**	**ug/kg**	**29**
Aroclor 1254	ND	200	ug/kg	26
Aroclor 1260	**510**	**200**	**ug/kg**	**49**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	110 DIL	(10 - 127)
Decachlorobiphenyl	78 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-627

GC Semivolatiles

Lot-Sample #...: A5J040264-009 **Work Order #...:** HL1HQ1AC **Matrix.....:** SO
Date Sampled...: 09/23/05 10:45 **Date Received..:** 09/24/05
Prep Date.....: 10/05/05 **Analysis Date..:** 10/06/05
Prep Batch #...: 5278022
Dilution Factor: 20 **Initial Wgt/Vol:** 30.17 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 6.6 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	710	ug/kg	140
Aroclor 1221	ND	710	ug/kg	210
Aroclor 1232	ND	710	ug/kg	110
Aroclor 1242	ND	710	ug/kg	210
Aroclor 1248	ND	710	ug/kg	100
Aroclor 1254	ND	710	ug/kg	92
Aroclor 1260	**6800**	**710**	**ug/kg**	**170**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	81 DIL	(10 - 127)
Decachlorobiphenyl	148 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-628

GC Semivolatiles

Lot-Sample #...: A5J040264-010 **Work Order #...:** HL1HV1AC **Matrix.....:** SO
Date Sampled...: 09/23/05 10:50 **Date Received..:** 09/24/05
Prep Date.....: 10/05/05 **Analysis Date..:** 10/06/05
Prep Batch #...: 5278022
Dilution Factor: 1 **Initial Wgt/Vol:** 30.01 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 7.4 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.2
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.6
Aroclor 1242	ND	36	ug/kg	11
Aroclor 1248	**120**	**36**	**ug/kg**	**5.2**
Aroclor 1254	ND	36	ug/kg	4.6
Aroclor 1260	**230**	**36**	**ug/kg**	**8.6**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	107	(10 - 127)
Decachlorobiphenyl	88	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-629

GC Semivolatiles

Lot-Sample #...: A5J040264-011 **Work Order #...:** HL1HX1AC **Matrix.....:** SO
Date Sampled...: 09/23/05 10:55 **Date Received..:** 09/24/05
Prep Date.....: 10/05/05 **Analysis Date..:** 10/06/05
Prep Batch #...: 5278022
Dilution Factor: 1 **Initial Wgt/Vol:** 30.06 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 18 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	40	ug/kg	8.1
Aroclor 1221	ND	40	ug/kg	12
Aroclor 1232	ND	40	ug/kg	6.3
Aroclor 1242	ND	40	ug/kg	12
Aroclor 1248	**82**	**40**	**ug/kg**	**5.8**
Aroclor 1254	ND	40	ug/kg	5.2
Aroclor 1260	**84**	**40**	**ug/kg**	**9.7**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	25	(10 - 127)
Decachlorobiphenyl	26 *	(40 - 138)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-630

GC Semivolatiles

Lot-Sample #...: A5J040264-012 **Work Order #...:** HL1H01AC **Matrix.....:** SO
Date Sampled...: 09/23/05 11:00 **Date Received..:** 09/24/05
Prep Date.....: 10/05/05 **Analysis Date..:** 10/06/05
Prep Batch #...: 5278022
Dilution Factor: 5 **Initial Wgt/Vol:** 30.05 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 7.3 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	180	ug/kg	36
Aroclor 1221	ND	180	ug/kg	53
Aroclor 1232	ND	180	ug/kg	28
Aroclor 1242	ND	180	ug/kg	54
Aroclor 1248	ND	180	ug/kg	26
Aroclor 1254	ND	180	ug/kg	23
Aroclor 1260	**2000**	**180**	**ug/kg**	**43**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	66 DIL	(10 - 127)
Decachlorobiphenyl	105 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-631

GC Semivolatiles

Lot-Sample #...: A5J040264-013 **Work Order #...:** HL1H21AC **Matrix.....:** SO
Date Sampled...: 09/23/05 11:05 **Date Received..:** 09/24/05
Prep Date.....: 10/05/05 **Analysis Date..:** 10/06/05
Prep Batch #...: 5278022
Dilution Factor: 5 **Initial Wgt/Vol:** 30.1 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 7.4 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	180	ug/kg	36
Aroclor 1221	ND	180	ug/kg	53
Aroclor 1232	ND	180	ug/kg	28
Aroclor 1242	ND	180	ug/kg	54
Aroclor 1248	**490**	**180**	**ug/kg**	**26**
Aroclor 1254	ND	180	ug/kg	23
Aroclor 1260	**480**	**180**	**ug/kg**	**43**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	94 DIL	(10 - 127)
Decachlorobiphenyl	218 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-636

GC Semivolatiles

Lot-Sample #...: A5J040264-014 **Work Order #...:** HL1H41AC **Matrix.....:** SO
Date Sampled...: 09/23/05 11:30 **Date Received..:** 09/24/05
Prep Date.....: 10/05/05 **Analysis Date..:** 10/06/05
Prep Batch #...: 5278022
Dilution Factor: 1 **Initial Wgt/Vol:** 30.05 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 10 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	7.4
Aroclor 1221	ND	37	ug/kg	11
Aroclor 1232	ND	37	ug/kg	5.8
Aroclor 1242	ND	37	ug/kg	11
Aroclor 1248	**170**	**37**	**ug/kg**	**5.3**
Aroclor 1254	ND	37	ug/kg	4.8
Aroclor 1260	**560**	**37**	**ug/kg**	**8.9**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	108	(10 - 127)
Decachlorobiphenyl	108	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-637

GC Semivolatiles

Lot-Sample #...: A5J040264-015 **Work Order #...:** HL1H91AC **Matrix.....:** SO
Date Sampled...: 09/23/05 11:35 **Date Received..:** 09/24/05
Prep Date.....: 10/05/05 **Analysis Date..:** 10/06/05
Prep Batch #...: 5278022
Dilution Factor: 50 **Initial Wgt/Vol:** 30.14 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 7.6 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1800	ug/kg	360
Aroclor 1221	ND	1800	ug/kg	540
Aroclor 1232	ND	1800	ug/kg	280
Aroclor 1242	ND	1800	ug/kg	540
Aroclor 1248	**6200**	**1800**	**ug/kg**	**260**
Aroclor 1254	ND	1800	ug/kg	230
Aroclor 1260	**12000**	**1800**	**ug/kg**	**430**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	118 DIL	(10 - 127)
Decachlorobiphenyl	86 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A5J040264 **Work Order #...:** HL1841AA **Matrix.....:** SOLID
MB Lot-Sample #: A5J050000-022

Prep Date.....: 10/05/05 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 10/06/05 **Prep Batch #...:** 5278022
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	88	(10 - 127)
Decachlorobiphenyl	69	(40 - 138)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A5J040264 **Work Order #...:** HL1841AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5J050000-022
Prep Date.....: 10/05/05 **Analysis Date..:** 10/06/05
Prep Batch #...: 5278022
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**310**	**ug/kg**	**92**	**SW846 8082**
Aroclor 1260	**330**	**310**	**ug/kg**	**94**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	95	(10 - 127)
Decachlorobiphenyl	83	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A5J040264 **Work Order #...:** HL1841AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5J050000-022
Prep Date.....: 10/05/05 **Analysis Date..:** 10/06/05
Prep Batch #...: 5278022
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**92**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**94**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	95	(10 - 127)
Decachlorobiphenyl	83	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A5J040264 **Work Order #...:** HL1GN1AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5J040264-001 HL1GN1AE-MSD
Date Sampled...: 09/23/05 10:05 **Date Received..:** 09/24/05
Prep Date.....: 10/05/05 **Analysis Date..:** 10/06/05
Prep Batch #...: 5278022
Dilution Factor: 1 **Initial Wgt/Vol:** 30.05 g **Final Wgt/Vol..:** 10 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**360**	**130**	**ug/kg**	**38**		**SW846 8082**
	ND	**360**	**290**	**ug/kg**	**80 p**	**72**	**SW846 8082**
Aroclor 1260	**81**	**360**	**240**	**ug/kg**	**45**		**SW846 8082**
	81	**360**	**770**	**ug/kg**	**193 p**	**105**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	36	(10 - 127)
	76	(10 - 127)
Decachlorobiphenyl	44	(40 - 138)
	85	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A5J040264 **Work Order #...:** HL1GN1AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5J040264-001 HL1GN1AE-MSD
Date Sampled...: 09/23/05 10:05 **Date Received..:** 09/24/05
Prep Date.....: 10/05/05 **Analysis Date..:** 10/06/05
Prep Batch #...: 5278022
Dilution Factor: 1 **Initial Wgt/Vol:** 30.05 g **Final Wgt/Vol..:** 10 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**38**	**(10 - 200)**			**SW846 8082**
	80 p	**(10 - 200)**	**72**	**(0-30)**	**SW846 8082**
Aroclor 1260	**45**	**(10 - 200)**			**SW846 8082**
	193 p	**(10 - 200)**	**105**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	36	(10 - 127)
	76	(10 - 127)
Decachlorobiphenyl	44	(40 - 138)
	85	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

GENERAL CHEMISTRY DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-619

General Chemistry

Lot-Sample #...: A5J040264-001 **Work Order #...:** HL1GN **Matrix.....:** SO
Date Sampled...: 09/23/05 10:05 **Date Received..:** 09/24/05
% Moisture.....: 6.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/04-10/05/05**	**5277551**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-620

General Chemistry

Lot-Sample #...: A5J040264-002 **Work Order #...:** HL1G5 **Matrix.....:** SO
Date Sampled...: 09/23/05 10:10 **Date Received..:** 09/24/05
% Moisture.....: 8.5

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/04-10/05/05**	**5277551**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-621

General Chemistry

Lot-Sample #...: A5J040264-003 **Work Order #...:** HL1G6 **Matrix.....:** SO
Date Sampled...: 09/23/05 10:15 **Date Received..:** 09/24/05
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**86.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/04-10/05/05**	**5277551**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-622

General Chemistry

Lot-Sample #...: A5J040264-004 **Work Order #...:** HL1G9 **Matrix.....:** SO
Date Sampled...: 09/23/05 10:20 **Date Received..:** 09/24/05
% Moisture.....: 8.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/04-10/05/05**	**5277551**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-623

General Chemistry

Lot-Sample #...: A5J040264-005 **Work Order #...:** HL1HD **Matrix.....:** SO
Date Sampled...: 09/23/05 10:25 **Date Received..:** 09/24/05
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**89.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/04-10/05/05**	**5277551**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-624

General Chemistry

Lot-Sample #...: A5J040264-006 **Work Order #...:** HL1HF **Matrix.....:** SO
Date Sampled...: 09/23/05 10:30 **Date Received..:** 09/24/05
% Moisture.....: 10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/04-10/05/05**	**5277551**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-625

General Chemistry

Lot-Sample #...: A5J040264-007 **Work Order #...:** HL1HJ **Matrix.....:** SO
Date Sampled...: 09/23/05 22:35 **Date Received..:** 09/24/05
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**88.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/04-10/05/05**	**5277551**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-626

General Chemistry

Lot-Sample #...: A5J040264-008 **Work Order #...:** HL1HN **Matrix.....:** SO
Date Sampled...: 09/23/05 10:40 **Date Received..:** 09/24/05
% Moisture.....: 18

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**82.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/04-10/05/05**	**5277551**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-627

General Chemistry

Lot-Sample #...: A5J040264-009 **Work Order #...:** HL1HQ **Matrix.....:** SO
Date Sampled...: 09/23/05 10:45 **Date Received..:** 09/24/05
% Moisture.....: 6.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/04-10/05/05**	**5277551**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-628

General Chemistry

Lot-Sample #...: A5J040264-010 **Work Order #...:** HL1HV **Matrix.....:** SO
Date Sampled...: 09/23/05 10:50 **Date Received..:** 09/24/05
% Moisture.....: 7.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/04-10/05/05**	**5277551**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-629

General Chemistry

Lot-Sample #...: A5J040264-011 **Work Order #...:** HL1HX **Matrix.....:** SO
Date Sampled...: 09/23/05 10:55 **Date Received..:** 09/24/05
% Moisture.....: 18

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**82.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/04-10/05/05**	**5277551**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-630

General Chemistry

Lot-Sample #...: A5J040264-012 **Work Order #...:** HL1H0 **Matrix.....:** SO
Date Sampled...: 09/23/05 11:00 **Date Received..:** 09/24/05
% Moisture.....: 7.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/04-10/05/05**	**5277551**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-631

General Chemistry

Lot-Sample #...: A5J040264-013 **Work Order #...:** HL1H2 **Matrix.....:** SO
Date Sampled...: 09/23/05 11:05 **Date Received..:** 09/24/05
% Moisture.....: 7.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/04-10/05/05**	**5277551**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-636

General Chemistry

Lot-Sample #...: A5J040264-014 **Work Order #...:** HL1H4 **Matrix.....:** SO
Date Sampled...: 09/23/05 11:30 **Date Received..:** 09/24/05
% Moisture.....: 10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/04-10/05/05**	**5277551**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-092305-SSH-637

General Chemistry

Lot-Sample #...: A5J040264-015 **Work Order #...:** HL1H9 **Matrix.....:** SO
Date Sampled...: 09/23/05 11:35 **Date Received..:** 09/24/05
% Moisture.....: 7.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/04-10/05/05**	**5277551**

Dilution Factor: 1 MDL.....: 10.0

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A5J040264 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids		Work Order #: HL2JJ1AA		MB Lot-Sample #:	A5J040000-551	
	ND	10.0	%	MCAWW 160.3 MOD	10/04-10/05/05	5277551
		Dilution Factor: 1				

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5J040264 **Work Order #...:** HL1G9-SMP **Matrix.....:** SO
HL1G9-DUP
Date Sampled...: 09/23/05 10:20 **Date Received..:** 09/24/05
% Moisture.....: 8.8

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5J040264-004		
	91.2	91.8	%	0.69	(0-20)	MCAWW 160.3 MOD	10/04-10/05/05	5277551

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5J040264 **Work Order #...:** HL1HV-SMP **Matrix.....:** SO
HL1HV-DUP
Date Sampled...: 09/23/05 10:50 **Date Received..:** 09/24/05
% Moisture.....: 7.4

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5J040264-010		
	92.6	93.3	%	0.72	(0-20)	MCAWW 160.3 MOD	10/04-10/05/05	5277551

Dilution Factor: 1

END OF REPORT

Table of Contents

Return to Navigator

SEVERN TRENT STL®

STL North Canton
4101 Shuffel Drive NW
North Canton, OH 44720

Tel: 330 497 9396 Fax: 330 497 0772
www.stl-inc.com

ANALYTICAL REPORT

PROJECT NO. 17075-30-02

GMPT SMCO SSOW# E131009

Lot #: A5J220188

Paul Wiseman (PM)

Conestoga Rovers & Assoc., Inc
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

SEVERN TRENT LABORATORIES, INC.

Denise D Heckler /hrb

Denise D. Heckler
Project Manager

November 4, 2005

CASE NARRATIVE

A5J220188

The following report contains the analytical results for forty-nine solid samples submitted to STL North Canton by Conestoga-Rovers & Associates, Inc. from the GMPT SMCO SSOW# E131009 Site, project number 17075-30-02. The samples were received October 22, 2005, according to documented sample acceptance procedures.

STL utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

STL North Canton attests to the validity of the laboratory data generated by STL facilities reported herein. All analyses performed by STL facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. STL's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by a dry weight adjustment footnote at the bottom of the analytical report page. The list of parameters which are never reported on a dry weight basis is included on the Sample Summary.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

If you have any questions, please call the Project Manager, Denise D. Heckler, at 734-205-2535.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT." The total number of pages in this report is 211.

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 2.0 and 3.8°C.

CASE NARRATIVE (continued)

POLYCHLORINATED BIPHENYLS-8082

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

The matrix spike/matrix spike duplicate(s) for S-102105-SSH-752 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

The matrix spike/matrix spike duplicate data for batch(es) 5295117 are not included in this report. The batch QC samples, which document the effect of a specific sample matrix on method performance, were not associated with a sample reported in this lot. The data, therefore, has no bearing on the samples reported herein. In order to document compliance with the QC requirement for an MS/MSD per 20 environmental samples, a summary of sample/QC associations has been provided following this case narrative.

For sample(s) S-102105-SSH-702, S-102105-SSH-704, S-102105-SSH-725, and S-102105-SSH-728, the recovery for one surrogate compound is outside acceptance criteria. Since the method criterion is that one of two surrogate compounds must meet acceptance criteria, no corrective action was required.

GENERAL CHEMISTRY

The analytical results met the requirements of the laboratory's QA/QC program.

QUALITY CONTROL ELEMENTS OF SW-846 METHODS

STL North Canton conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. STL North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples. These QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. The only exception is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed below.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals
Methylene chloride	Phthalate Esters	Copper
Acetone		Iron
2-Butanone		Zinc
		Lead*

- *for analyses run on TJA Trace ICP, ICPMS or GFAA only*

QUALITY CONTROL ELEMENTS OF SW-846 METHODS
(Continued)

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable. The acceptance criteria do not apply to samples that are diluted for organics if the native sample amount is 4x the concentration of the spike.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepped and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepped and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide, PCB, and PAH methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria.

STL North Canton Certifications and Approvals:

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225), Illinois (#200004), Kansas (#E10336), Massachusetts (#M-OH048), Maryland (#272), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), North Carolina (#39702), Ohio (#6090), OhioVAP (#CL0024), Rhode Island (#237), South Carolina (#92007001, #92007002, #92007003), Tennessee (#02903), Utah (#QUAN9), Virginia (#00011), West Virginia (#210), Wisconsin (#999518190),NAVY, ARMY, USDA Soil Permit, ACIL Seal of Excellence – Participating Lab Status Award (#82)

Y:\Barb\STL headers\Qc846-Narrative_060204.doc, Revised06/02/04 DJL

SEVERN TRENT LABORATORIES, INC.

MS RUN NUMBER REVIEW

Lot ID	Smp#	Work Order	Batch#	MS Run#	SDG Number	Prep Date	Quote#	PM	Method	SAC	Sample Receipt
F5J170115	001	HMV9W1AH	5295117	5295103		10/22/05	67232	TJR	STL STL-RC-0245	XX-A-JA-3O-01	10/17/05
F5J170115	002	HMV901AH	5295117	5295103		10/22/05	67232	TJR	STL STL-RC-0245	XX-A-JA-3O-01	10/17/05
F5J170115	003	HMV911AH	5295117	5295103		10/22/05	67232	TJR	STL STL-RC-0245	XX-A-JA-3O-01	10/17/05
F5J170115	004	HMV921AJ	5295117	5295103		10/22/05	67232	TJR	STL STL-RC-0245	XX-A-JA-3O-01	10/17/05
F5J170115	005	HMV931AH	5295117	5295103		10/22/05	67232	TJR	STL STL-RC-0245	XX-A-JA-3O-01	10/17/05
F5J170115	006	HMV941AH	5295117	5295103		10/22/05	67232	TJR	STL STL-RC-0245	XX-A-JA-3O-01	10/17/05
F5J170115	007	HMV951AH	5295117	5295103		10/22/05	67232	TJR	STL STL-RC-0245	XX-A-JA-3O-01	10/17/05
F5J170115	008	HMV961AH	5295117	5295103		10/22/05	67232	TJR	STL STL-RC-0245	XX-A-JA-3O-01	10/17/05
F5J170115	009	HMV971AH	5295117	5295103		10/22/05	67232	TJR	STL STL-RC-0245	XX-A-JA-3O-01	10/17/05
F5J170115	010	HMV991AH	5295117	5295103		10/22/05	67232	TJR	STL STL-RC-0245	XX-A-JA-3O-01	10/17/05
F5J170115	011	HMWAA1AH	5295117	5295103		10/22/05	67232	TJR	STL STL-RC-0245	XX-A-JA-3O-01	10/17/05
F5J170115	012	HMWAC1AH	5295117	5295103		10/22/05	67232	TJR	STL STL-RC-0245	XX-A-JA-3O-01	10/17/05
F5J170115	013	HMWAD1AH	5295117	5295103		10/22/05	67232	TJR	STL STL-RC-0245	XX-A-JA-3O-01	10/17/05
F5J170115	014	HMWAF1AH	5295117	5295103		10/22/05	67232	TJR	STL STL-RC-0245	XX-A-JA-3O-01	10/17/05
F5J170115	015	HMWAG1AH	5295117	5295103		10/22/05	67232	TJR	STL STL-RC-0245	XX-A-JA-3O-01	10/17/05
F5J170115	016	HMWAH1AH	5295117	5295103		10/22/05	67232	TJR	STL STL-RC-0245	XX-A-JA-3O-01	10/17/05
F5J170115	017	HMWAK1AH	5295117	5295103		10/22/05	67232	TJR	STL STL-RC-0245	XX-A-JA-3O-01	10/17/05
F5J170115	018	HMWAL1AH	5295117	5295103		10/22/05	67232	TJR	STL STL-RC-0245	XX-A-JA-3O-01	10/17/05
F5J170115	019	HMWAM1AH	5295117	5295103		10/22/05	67232	TJR	STL STL-RC-0245	XX-A-JA-3O-01	10/17/05
F5J170115	020	HMWAN1AH	5295117	5295103		10/22/05	67232	TJR	STL STL-RC-0245	XX-A-JA-3O-01	10/17/05
F5J170115	001 X	HMV9W1AR	5295117	5295103		10/22/05	67232	TJR	STL STL-RC-0245	XX-A-JA-3O-01	10/17/05

EXECUTIVE SUMMARY - Detection Highlights

A5J220188

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-102105-SSH-701 10/21/05 08:15 001				
Aroclor 1248	49	35	ug/kg	SW846 8082
Aroclor 1260	38	35	ug/kg	SW846 8082
Percent Solids	93.4	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-702 10/21/05 08:15 002				
Aroclor 1248	77	43	ug/kg	SW846 8082
Aroclor 1260	21 J	43	ug/kg	SW846 8082
Percent Solids	76.4	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-703 10/21/05 08:15 003				
Aroclor 1260	480	36	ug/kg	SW846 8082
Percent Solids	92.8	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-704 10/21/05 08:15 004				
Aroclor 1254	33 J	40	ug/kg	SW846 8082
Percent Solids	83.0	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-705 10/21/05 08:25 005				
Aroclor 1248	37	37	ug/kg	SW846 8082
Percent Solids	89.3	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-706 10/21/05 08:25 006				
Aroclor 1254	490	37	ug/kg	SW846 8082
Percent Solids	88.6	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-707 10/21/05 08:25 007				
Aroclor 1254	87	44	ug/kg	SW846 8082
Percent Solids	74.8	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-708 10/21/05 08:35 008				
Aroclor 1260	41000	3500	ug/kg	SW846 8082
Percent Solids	95.2	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A5J220188

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-102105-SSH-709 10/21/05 08:35 009				
Aroclor 1254	64	36	ug/kg	SW846 8082
Percent Solids	92.3	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-710 10/21/05 08:35 010				
Aroclor 1260	640	73	ug/kg	SW846 8082
Percent Solids	90.6	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-711 10/21/05 08:35 011				
Aroclor 1254	29 J	43	ug/kg	SW846 8082
Percent Solids	77.6	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-712 10/21/05 08:45 012				
Aroclor 1260	220000	36000	ug/kg	SW846 8082
Percent Solids	92.6	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-713 10/21/05 08:45 013				
Aroclor 1260	24 J	35	ug/kg	SW846 8082
Percent Solids	94.9	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-714 10/21/05 08:45 014				
Aroclor 1248	510	180	ug/kg	SW846 8082
Aroclor 1260	880	180	ug/kg	SW846 8082
Percent Solids	89.5	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-715 10/21/05 08:45 015				
Aroclor 1248	41	38	ug/kg	SW846 8082
Aroclor 1260	22 J	38	ug/kg	SW846 8082
Percent Solids	86.4	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-716 10/21/05 08:55 016				
Aroclor 1248	290	36	ug/kg	SW846 8082
Aroclor 1260	120	36	ug/kg	SW846 8082
Percent Solids	91.2	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A5J220188

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-102105-SSH-717 10/21/05 08:55 017				
Aroclor 1260	39	35	ug/kg	SW846 8082
Percent Solids	94.1	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-718 10/21/05 08:55 018				
Aroclor 1254	3400	360	ug/kg	SW846 8082
Percent Solids	92.6	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-719 10/21/05 08:55 019				
Aroclor 1248	26 J	39	ug/kg	SW846 8082
Percent Solids	84.6	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-720 10/21/05 09:05 020				
Aroclor 1248	170	35	ug/kg	SW846 8082
Aroclor 1260	120	35	ug/kg	SW846 8082
Percent Solids	93.4	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-721 10/21/05 09:05 021				
Aroclor 1260	9.0 J	34	ug/kg	SW846 8082
Percent Solids	97.2	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-722 10/21/05 09:05 022				
Aroclor 1254	87000	7200	ug/kg	SW846 8082
Percent Solids	92.2	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-723 10/21/05 09:05 023				
Aroclor 1254	710	40	ug/kg	SW846 8082
Percent Solids	81.5	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-724 10/21/05 09:15 024				
Aroclor 1248	130	36	ug/kg	SW846 8082
Aroclor 1260	110	36	ug/kg	SW846 8082
Percent Solids	92.7	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A5J220188

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-102105-SSH-725 10/21/05 09:15 025				
Aroclor 1260	280	36	ug/kg	SW846 8082
Percent Solids	92.9	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-726 10/21/05 09:15 026				
Aroclor 1248	98	37	ug/kg	SW846 8082
Aroclor 1260	270	37	ug/kg	SW846 8082
Percent Solids	89.5	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-727 10/21/05 09:15 027				
Aroclor 1248	96	39	ug/kg	SW846 8082
Aroclor 1260	44	39	ug/kg	SW846 8082
Percent Solids	84.8	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-728 10/21/05 09:25 028				
Aroclor 1248	66	35	ug/kg	SW846 8082
Aroclor 1260	38	35	ug/kg	SW846 8082
Percent Solids	93.1	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-729 10/21/05 09:25 029				
Aroclor 1260	21 J	34	ug/kg	SW846 8082
Percent Solids	95.8	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-730 10/21/05 09:25 030				
Aroclor 1254	17000	1800	ug/kg	SW846 8082
Percent Solids	90.4	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-731 10/21/05 09:25 031				
Aroclor 1254	97	38	ug/kg	SW846 8082
Percent Solids	85.9	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-732 10/21/05 09:35 032				
Aroclor 1260	410	36	ug/kg	SW846 8082
Percent Solids	91.7	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A5J220188

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-102105-SSH-733 10/21/05 09:35 033				
Aroclor 1260	170000	18000	ug/kg	SW846 8082
Percent Solids	93.7	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-734 10/21/05 09:35 034				
Aroclor 1260	690	180	ug/kg	SW846 8082
Percent Solids	92.4	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-735 10/21/05 09:35 035				
Aroclor 1260	8800	710	ug/kg	SW846 8082
Percent Solids	92.6	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-736 10/21/05 09:45 036				
Aroclor 1260	150	37	ug/kg	SW846 8082
Percent Solids	90.3	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-737 10/21/05 09:45 037				
Aroclor 1260	72	36	ug/kg	SW846 8082
Percent Solids	93.0	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-738 10/21/05 09:45 038				
Aroclor 1248	59	38	ug/kg	SW846 8082
Aroclor 1260	44	38	ug/kg	SW846 8082
Percent Solids	85.8	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-739 10/21/05 09:55 039				
Aroclor 1248	540	35	ug/kg	SW846 8082
Aroclor 1260	210	35	ug/kg	SW846 8082
Percent Solids	93.3	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-740 10/21/05 09:55 040				
Aroclor 1254	110	34	ug/kg	SW846 8082
Percent Solids	96.6	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A5J220188

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-102105-SSH-741 10/21/05 09:55 041				
Aroclor 1254	150	36	ug/kg	SW846 8082
Percent Solids	91.5	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-742 10/21/05 09:55 042				
Aroclor 1254	70	37	ug/kg	SW846 8082
Percent Solids	88.2	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-743 10/21/05 10:05 043				
Aroclor 1260	6200	700	ug/kg	SW846 8082
Percent Solids	94.4	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-744 10/21/05 10:05 044				
Aroclor 1254	190	36	ug/kg	SW846 8082
Percent Solids	92.0	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-745 10/21/05 10:15 045				
Aroclor 1260	130000	17000	ug/kg	SW846 8082
Percent Solids	95.7	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-746 10/21/05 10:25 046				
Aroclor 1242	3400	390	ug/kg	SW846 8082
Aroclor 1260	870	390	ug/kg	SW846 8082
Percent Solids	85.7	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-747 10/21/05 10:25 047				
Aroclor 1254	80	36	ug/kg	SW846 8082
Percent Solids	90.7	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-748 10/21/05 10:25 048				
Aroclor 1242	630	39	ug/kg	SW846 8082
Aroclor 1260	230	39	ug/kg	SW846 8082
Percent Solids	85.1	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A5J220188

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-102105-SSH-749 10/21/05 10:25 049				
Percent Solids	81.0	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-750 10/21/05 10:35 050				
Aroclor 1242	5200	720	ug/kg	SW846 8082
Aroclor 1260	1000	720	ug/kg	SW846 8082
Percent Solids	91.2	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-751 10/21/05 10:45 051				
Aroclor 1242	830	72	ug/kg	SW846 8082
Aroclor 1260	410	72	ug/kg	SW846 8082
Percent Solids	91.3	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-752 10/21/05 10:45 052				
Aroclor 1254	2400	180	ug/kg	SW846 8082
Percent Solids	93.1	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-753 10/21/05 10:45 053				
Aroclor 1242	220	37	ug/kg	SW846 8082
Aroclor 1260	110	37	ug/kg	SW846 8082
Percent Solids	89.4	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-754 10/21/05 10:55 054				
Aroclor 1248	100	36	ug/kg	SW846 8082
Aroclor 1260	25 J	36	ug/kg	SW846 8082
Percent Solids	91.8	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-755 10/21/05 10:55 055				
Percent Solids	83.8	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-756 10/21/05 10:55 056				
Percent Solids	86.4	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A5J220188

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-102105-SSH-757 10/21/05 10:55 057				
Percent Solids	83.1	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-758 10/21/05 11:05 058				
Aroclor 1248	13000	1800	ug/kg	SW846 8082
Aroclor 1260	2200	1800	ug/kg	SW846 8082
Percent Solids	91.3	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-759 10/21/05 11:05 059				
Aroclor 1248	20 J	37	ug/kg	SW846 8082
Percent Solids	88.3	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-760 10/21/05 11:05 060				
Aroclor 1248	19 J	39	ug/kg	SW846 8082
Percent Solids	84.9	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-761 10/21/05 11:05 061				
Aroclor 1248	8.9 J	38	ug/kg	SW846 8082
Percent Solids	86.0	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-762 10/21/05 11:15 062				
Aroclor 1248	550	69	ug/kg	SW846 8082
Aroclor 1260	50 J	69	ug/kg	SW846 8082
Percent Solids	95.6	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-763 10/21/05 11:15 063				
Percent Solids	89.2	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-764 10/21/05 11:15 064				
Percent Solids	84.6	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-765 10/21/05 11:15 065				
Percent Solids	85.7	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A5J220188

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-102105-SSH-766 10/21/05 11:25 066				
Aroclor 1248	2100	360	ug/kg	SW846 8082
Aroclor 1260	450	360	ug/kg	SW846 8082
Percent Solids	90.5	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-767 10/21/05 11:25 067				
Aroclor 1248	25 J	38	ug/kg	SW846 8082
Percent Solids	86.7	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-768 10/21/05 11:25 068				
Percent Solids	87.3	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-769 10/21/05 11:25 069				
Percent Solids	88.2	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-770 10/21/05 11:35 070				
Percent Solids	88.9	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-771 10/21/05 11:35 071				
Percent Solids	82.8	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-772 10/21/05 11:35 072				
Percent Solids	84.5	10.0	%	MCAWW 160.3 MOD
S-102105-SSH-773 10/21/05 11:35 073				
Percent Solids	87.6	10.0	%	MCAWW 160.3 MOD

ANALYTICAL METHODS SUMMARY

A5J220188

PARAMETER	ANALYTICAL METHOD
PCBs by SW-846 8082	SW846 8082
Total Residue as Percent Solids	MCAWW 160.3 MOD

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A5J220188

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HNEWV	001	S-102105-SSH-701	10/21/05	08:15
HNEW0	002	S-102105-SSH-702	10/21/05	08:15
HNEW4	003	S-102105-SSH-703	10/21/05	08:15
HNEW5	004	S-102105-SSH-704	10/21/05	08:15
HNEW6	005	S-102105-SSH-705	10/21/05	08:25
HNEW7	006	S-102105-SSH-706	10/21/05	08:25
HNEW9	007	S-102105-SSH-707	10/21/05	08:25
HNEXA	008	S-102105-SSH-708	10/21/05	08:35
HNEXC	009	S-102105-SSH-709	10/21/05	08:35
HNEXD	010	S-102105-SSH-710	10/21/05	08:35
HNEXF	011	S-102105-SSH-711	10/21/05	08:35
HNEXG	012	S-102105-SSH-712	10/21/05	08:45
HNEXH	013	S-102105-SSH-713	10/21/05	08:45
HNEXJ	014	S-102105-SSH-714	10/21/05	08:45
HNEXL	015	S-102105-SSH-715	10/21/05	08:45
HNEXP	016	S-102105-SSH-716	10/21/05	08:55
HNEXT	017	S-102105-SSH-717	10/21/05	08:55
HNEXV	018	S-102105-SSH-718	10/21/05	08:55
HNEXW	019	S-102105-SSH-719	10/21/05	08:55
HNEX0	020	S-102105-SSH-720	10/21/05	09:05
HNEX1	021	S-102105-SSH-721	10/21/05	09:05
HNEX2	022	S-102105-SSH-722	10/21/05	09:05
HNEX3	023	S-102105-SSH-723	10/21/05	09:05
HNEX5	024	S-102105-SSH-724	10/21/05	09:15
HNEX6	025	S-102105-SSH-725	10/21/05	09:15
HNEX7	026	S-102105-SSH-726	10/21/05	09:15
HNEX8	027	S-102105-SSH-727	10/21/05	09:15
HNEX9	028	S-102105-SSH-728	10/21/05	09:25
HNE0A	029	S-102105-SSH-729	10/21/05	09:25
HNE0C	030	S-102105-SSH-730	10/21/05	09:25
HNE0D	031	S-102105-SSH-731	10/21/05	09:25
HNE0E	032	S-102105-SSH-732	10/21/05	09:35
HNE0F	033	S-102105-SSH-733	10/21/05	09:35
HNE0G	034	S-102105-SSH-734	10/21/05	09:35
HNE0H	035	S-102105-SSH-735	10/21/05	09:35
HNE0J	036	S-102105-SSH-736	10/21/05	09:45

(Continued on next page)

SAMPLE SUMMARY

A5J220188

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HNE0K	037	S-102105-SSH-737	10/21/05	09:45
HNE0L	038	S-102105-SSH-738	10/21/05	09:45
HNE0M	039	S-102105-SSH-739	10/21/05	09:55
HNE0P	040	S-102105-SSH-740	10/21/05	09:55
HNE0Q	041	S-102105-SSH-741	10/21/05	09:55
HNE0R	042	S-102105-SSH-742	10/21/05	09:55
HNE0T	043	S-102105-SSH-743	10/21/05	10:05
HNE0V	044	S-102105-SSH-744	10/21/05	10:05
HNE0W	045	S-102105-SSH-745	10/21/05	10:15
HNE0X	046	S-102105-SSH-746	10/21/05	10:25
HNE00	047	S-102105-SSH-747	10/21/05	10:25
HNE01	048	S-102105-SSH-748	10/21/05	10:25
HNE02	049	S-102105-SSH-749	10/21/05	10:25
HNE03	050	S-102105-SSH-750	10/21/05	10:35
HNE04	051	S-102105-SSH-751	10/21/05	10:45
HNE07	052	S-102105-SSH-752	10/21/05	10:45
HNE08	053	S-102105-SSH-753	10/21/05	10:45
HNE09	054	S-102105-SSH-754	10/21/05	10:55
HNE1A	055	S-102105-SSH-755	10/21/05	10:55
HNE1C	056	S-102105-SSH-756	10/21/05	10:55
HNE1D	057	S-102105-SSH-757	10/21/05	10:55
HNE1E	058	S-102105-SSH-758	10/21/05	11:05
HNE1F	059	S-102105-SSH-759	10/21/05	11:05
HNE1G	060	S-102105-SSH-760	10/21/05	11:05
HNE1H	061	S-102105-SSH-761	10/21/05	11:05
HNE1J	062	S-102105-SSH-762	10/21/05	11:15
HNE1K	063	S-102105-SSH-763	10/21/05	11:15
HNE1L	064	S-102105-SSH-764	10/21/05	11:15
HNE1M	065	S-102105-SSH-765	10/21/05	11:15
HNE1N	066	S-102105-SSH-766	10/21/05	11:25
HNE1P	067	S-102105-SSH-767	10/21/05	11:25
HNE1Q	068	S-102105-SSH-768	10/21/05	11:25
HNE1R	069	S-102105-SSH-769	10/21/05	11:25
HNE1T	070	S-102105-SSH-770	10/21/05	11:35
HNE1V	071	S-102105-SSH-771	10/21/05	11:35
HNE1W	072	S-102105-SSH-772	10/21/05	11:35

(Continued on next page)

SAMPLE SUMMARY

A5J220188

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HNE10	073	S-102105-SSH-773	10/21/05	11:35

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-701

GC Semivolatiles

Lot-Sample #...: A5J220188-001 **Work Order #...:** HNEWV1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 08:15 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 10/31/05
Prep Batch #...: 5302012
Dilution Factor: 1
% Moisture.....: 6.6 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	7.2
Aroclor 1221	ND	35	ug/kg	11
Aroclor 1232	ND	35	ug/kg	5.6
Aroclor 1242	ND	35	ug/kg	11
Aroclor 1248	**49**	**35**	**ug/kg**	**5.1**
Aroclor 1254	ND	35	ug/kg	4.6
Aroclor 1260	**38**	**35**	**ug/kg**	**8.6**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	77	(10 - 127)
Decachlorobiphenyl	87	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-702

GC Semivolatiles

Lot-Sample #...: A5J220188-002 **Work Order #...:** HNEW01AC **Matrix.....:** SO
Date Sampled...: 10/21/05 08:15 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 10/31/05
Prep Batch #...: 5302012
Dilution Factor: 1
% Moisture.....: 24 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	43	ug/kg	8.8
Aroclor 1221	ND	43	ug/kg	13
Aroclor 1232	ND	43	ug/kg	6.8
Aroclor 1242	ND	43	ug/kg	13
Aroclor 1248	**77**	**43**	**ug/kg**	**6.3**
Aroclor 1254	ND	43	ug/kg	5.6
Aroclor 1260	**21 J**	**43**	**ug/kg**	**10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	93	(10 - 127)
Decachlorobiphenyl	306 *	(40 - 138)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-703

GC Semivolatiles

Lot-Sample #...: A5J220188-003 **Work Order #...:** HNEW41AC **Matrix.....:** SO
Date Sampled...: 10/21/05 08:15 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 10/31/05
Prep Batch #...: 5302012
Dilution Factor: 1
% Moisture.....: 7.2 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.2
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.6
Aroclor 1242	ND	36	ug/kg	11
Aroclor 1248	ND	36	ug/kg	5.2
Aroclor 1254	ND	36	ug/kg	4.6
Aroclor 1260	**480**	**36**	**ug/kg**	**8.6**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	75	(10 - 127)
Decachlorobiphenyl	80	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-704

GC Semivolatiles

Lot-Sample #...: A5J220188-004 **Work Order #...:** HNEW51AC **Matrix.....:** SO
Date Sampled...: 10/21/05 08:15 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 10/31/05
Prep Batch #...: 5302012
Dilution Factor: 1
% Moisture.....: 17 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	40	ug/kg	8.1
Aroclor 1221	ND	40	ug/kg	12
Aroclor 1232	ND	40	ug/kg	6.3
Aroclor 1242	ND	40	ug/kg	12
Aroclor 1248	ND	40	ug/kg	5.8
Aroclor 1254	**33 J**	**40**	**ug/kg**	**5.2**
Aroclor 1260	ND	40	ug/kg	9.6

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	65	(10 - 127)
Decachlorobiphenyl	162 *	(40 - 138)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-705

GC Semivolatiles

Lot-Sample #...: A5J220188-005 **Work Order #...:** HNEW61AC **Matrix.....:** SO
Date Sampled...: 10/21/05 08:25 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5295134
Dilution Factor: 1
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	7.5
Aroclor 1221	ND	37	ug/kg	11
Aroclor 1232	ND	37	ug/kg	5.8
Aroclor 1242	ND	37	ug/kg	11
Aroclor 1248	**37**	**37**	**ug/kg**	**5.4**
Aroclor 1254	ND	37	ug/kg	4.8
Aroclor 1260	ND	37	ug/kg	9.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	83	(10 - 127)
Decachlorobiphenyl	93	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-706

GC Semivolatiles

Lot-Sample #...: A5J220188-006 **Work Order #...:** HNEW71AC **Matrix.....:** SO
Date Sampled...: 10/21/05 08:25 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295134
Dilution Factor: 1
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	7.6
Aroclor 1221	ND	37	ug/kg	11
Aroclor 1232	ND	37	ug/kg	5.9
Aroclor 1242	ND	37	ug/kg	11
Aroclor 1248	ND	37	ug/kg	5.4
Aroclor 1254	**490**	**37**	**ug/kg**	**4.9**
Aroclor 1260	ND	37	ug/kg	9.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	66	(10 - 127)
Decachlorobiphenyl	83	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-707

GC Semivolatiles

Lot-Sample #...: A5J220188-007 **Work Order #...:** HNEW91AC **Matrix.....:** SO
Date Sampled...: 10/21/05 08:25 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295134
Dilution Factor: 1
% Moisture.....: 25 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	44	ug/kg	9.0
Aroclor 1221	ND	44	ug/kg	13
Aroclor 1232	ND	44	ug/kg	7.0
Aroclor 1242	ND	44	ug/kg	13
Aroclor 1248	ND	44	ug/kg	6.4
Aroclor 1254	**87**	**44**	**ug/kg**	**5.8**
Aroclor 1260	ND	44	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	70	(10 - 127)
Decachlorobiphenyl	81	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-708

GC Semivolatiles

Lot-Sample #...: A5J220188-008 **Work Order #...:** HNEXA1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 08:35 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 10/31/05
Prep Batch #...: 5302012
Dilution Factor: 100
% Moisture.....: 4.8 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	3500	ug/kg	700
Aroclor 1221	ND	3500	ug/kg	1000
Aroclor 1232	ND	3500	ug/kg	550
Aroclor 1242	ND	3500	ug/kg	1100
Aroclor 1248	ND	3500	ug/kg	500
Aroclor 1254	ND	3500	ug/kg	450
Aroclor 1260	**41000**	**3500**	**ug/kg**	**840**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	140 DIL,*	(10 - 127)
Decachlorobiphenyl	216 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-709

GC Semivolatiles

Lot-Sample #...: A5J220188-009 **Work Order #...:** HNEXC1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 08:35 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 11/01/05
Prep Batch #...: 5302013
Dilution Factor: 1
% Moisture.....: 7.8 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.3
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.6
Aroclor 1242	ND	36	ug/kg	11
Aroclor 1248	ND	36	ug/kg	5.2
Aroclor 1254	**64**	**36**	**ug/kg**	**4.7**
Aroclor 1260	ND	36	ug/kg	8.7

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	102	(10 - 127)
Decachlorobiphenyl	105	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-710

GC Semivolatiles

Lot-Sample #...: A5J220188-010 **Work Order #...:** HNEXD1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 08:35 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 11/01/05
Prep Batch #...: 5302013
Dilution Factor: 2
% Moisture.....: 9.4 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	73	ug/kg	15
Aroclor 1221	ND	73	ug/kg	22
Aroclor 1232	ND	73	ug/kg	11
Aroclor 1242	ND	73	ug/kg	22
Aroclor 1248	ND	73	ug/kg	11
Aroclor 1254	ND	73	ug/kg	9.5
Aroclor 1260	**640**	**73**	**ug/kg**	**18**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	89	(10 - 127)
Decachlorobiphenyl	100	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-711

GC Semivolatiles

Lot-Sample #...: A5J220188-011 **Work Order #...:** HNEXF1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 08:35 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 10/31/05
Prep Batch #...: 5302013
Dilution Factor: 1
% Moisture.....: 22 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	43	ug/kg	8.6
Aroclor 1221	ND	43	ug/kg	13
Aroclor 1232	ND	43	ug/kg	6.7
Aroclor 1242	ND	43	ug/kg	13
Aroclor 1248	ND	43	ug/kg	6.2
Aroclor 1254	**29 J**	**43**	**ug/kg**	**5.5**
Aroclor 1260	ND	43	ug/kg	10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	86	(10 - 127)
Decachlorobiphenyl	82	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-712

GC Semivolatiles

Lot-Sample #...: A5J220188-012 **Work Order #...:** HNEXG1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 08:45 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295134
Dilution Factor: 1000
% Moisture.....: 7.4 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36000	ug/kg	7200
Aroclor 1221	ND	36000	ug/kg	11000
Aroclor 1232	ND	36000	ug/kg	5600
Aroclor 1242	ND	36000	ug/kg	11000
Aroclor 1248	ND	36000	ug/kg	5200
Aroclor 1254	ND	36000	ug/kg	4600
Aroclor 1260	**220000**	**36000**	**ug/kg**	**8600**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	0.0 DIL,*	(10 - 127)
Decachlorobiphenyl	0.0 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-713

GC Semivolatiles

Lot-Sample #...: A5J220188-013 **Work Order #...:** HNEXH1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 08:45 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295134
Dilution Factor: 1
% Moisture.....: 5.1 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	7.1
Aroclor 1221	ND	35	ug/kg	10
Aroclor 1232	ND	35	ug/kg	5.5
Aroclor 1242	ND	35	ug/kg	11
Aroclor 1248	ND	35	ug/kg	5.1
Aroclor 1254	ND	35	ug/kg	4.5
Aroclor 1260	**24 J**	**35**	**ug/kg**	**8.4**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(10 - 127)
Decachlorobiphenyl	89	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-714

GC Semivolatiles

Lot-Sample #...: A5J220188-014 **Work Order #...:** HNEXJ1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 08:45 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295134
Dilution Factor: 5
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	180	ug/kg	37
Aroclor 1221	ND	180	ug/kg	55
Aroclor 1232	ND	180	ug/kg	29
Aroclor 1242	ND	180	ug/kg	56
Aroclor 1248	**510**	**180**	**ug/kg**	**27**
Aroclor 1254	ND	180	ug/kg	24
Aroclor 1260	**880**	**180**	**ug/kg**	**45**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	88 DIL	(10 - 127)
Decachlorobiphenyl	97 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-715

GC Semivolatiles

Lot-Sample #...: A5J220188-015 **Work Order #...:** HNEXL1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 08:45 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295134
Dilution Factor: 1
% Moisture.....: 14 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	7.8
Aroclor 1221	ND	38	ug/kg	11
Aroclor 1232	ND	38	ug/kg	6.0
Aroclor 1242	ND	38	ug/kg	12
Aroclor 1248	**41**	**38**	**ug/kg**	**5.6**
Aroclor 1254	ND	38	ug/kg	5.0
Aroclor 1260	**22 J**	**38**	**ug/kg**	**9.3**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	71	(10 - 127)
Decachlorobiphenyl	82	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-716

GC Semivolatiles

Lot-Sample #...: A5J220188-016 **Work Order #...:** HNEXP1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 08:55 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 11/01/05
Prep Batch #...: 5302013
Dilution Factor: 1
% Moisture.....: 8.8 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.3
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.7
Aroclor 1242	ND	36	ug/kg	11
Aroclor 1248	**290**	**36**	**ug/kg**	**5.3**
Aroclor 1254	ND	36	ug/kg	4.7
Aroclor 1260	**120**	**36**	**ug/kg**	**8.8**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	94	(10 - 127)
Decachlorobiphenyl	91	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-717

GC Semivolatiles

Lot-Sample #...: A5J220188-017 **Work Order #...:** HNEXT1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 08:55 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 11/01/05
Prep Batch #...: 5302013
Dilution Factor: 1
% Moisture.....: 5.9 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	7.1
Aroclor 1221	ND	35	ug/kg	11
Aroclor 1232	ND	35	ug/kg	5.5
Aroclor 1242	ND	35	ug/kg	11
Aroclor 1248	ND	35	ug/kg	5.1
Aroclor 1254	ND	35	ug/kg	4.6
Aroclor 1260	**39**	**35**	**ug/kg**	**8.5**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	85	(10 - 127)
Decachlorobiphenyl	79	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-718

GC Semivolatiles

Lot-Sample #...: A5J220188-018 **Work Order #...:** HNEXV1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 08:55 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 11/01/05
Prep Batch #...: 5302013
Dilution Factor: 10
% Moisture.....: 7.4 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	360	ug/kg	72
Aroclor 1221	ND	360	ug/kg	110
Aroclor 1232	ND	360	ug/kg	56
Aroclor 1242	ND	360	ug/kg	110
Aroclor 1248	ND	360	ug/kg	52
Aroclor 1254	**3400**	**360**	**ug/kg**	**46**
Aroclor 1260	ND	360	ug/kg	86

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	123 DIL	(10 - 127)
Decachlorobiphenyl	124 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-719

GC Semivolatiles

Lot-Sample #...: A5J220188-019 **Work Order #...:** HNEXW1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 08:55 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295134
Dilution Factor: 1
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	7.9
Aroclor 1221	ND	39	ug/kg	12
Aroclor 1232	ND	39	ug/kg	6.1
Aroclor 1242	ND	39	ug/kg	12
Aroclor 1248	**26 J**	**39**	**ug/kg**	**5.7**
Aroclor 1254	ND	39	ug/kg	5.1
Aroclor 1260	ND	39	ug/kg	9.5

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	76	(10 - 127)
Decachlorobiphenyl	88	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-720

GC Semivolatiles

Lot-Sample #...: A5J220188-020 **Work Order #...:** HNEX01AC **Matrix.....:** SO
Date Sampled...: 10/21/05 09:05 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295134
Dilution Factor: 1
% Moisture.....: 6.6 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	7.2
Aroclor 1221	ND	35	ug/kg	11
Aroclor 1232	ND	35	ug/kg	5.6
Aroclor 1242	ND	35	ug/kg	11
Aroclor 1248	**170**	**35**	**ug/kg**	**5.1**
Aroclor 1254	ND	35	ug/kg	4.6
Aroclor 1260	**120**	**35**	**ug/kg**	**8.6**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	79	(10 - 127)
Decachlorobiphenyl	78	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-721

GC Semivolatiles

Lot-Sample #...: A5J220188-021 **Work Order #...:** HNEX11AC **Matrix.....:** SO
Date Sampled...: 10/21/05 09:05 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295134
Dilution Factor: 1
% Moisture.....: 2.8 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	34	ug/kg	6.9
Aroclor 1221	ND	34	ug/kg	10
Aroclor 1232	ND	34	ug/kg	5.3
Aroclor 1242	ND	34	ug/kg	10
Aroclor 1248	ND	34	ug/kg	4.9
Aroclor 1254	ND	34	ug/kg	4.4
Aroclor 1260	**9.0 J**	**34**	**ug/kg**	**8.2**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	77	(10 - 127)
Decachlorobiphenyl	88	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-722

GC Semivolatiles

Lot-Sample #...: A5J220188-022 **Work Order #...:** HNEX21AC **Matrix.....:** SO
Date Sampled...: 10/21/05 09:05 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295134
Dilution Factor: 200
% Moisture.....: 7.8 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	7200	ug/kg	1500
Aroclor 1221	ND	7200	ug/kg	2100
Aroclor 1232	ND	7200	ug/kg	1100
Aroclor 1242	ND	7200	ug/kg	2200
Aroclor 1248	ND	7200	ug/kg	1000
Aroclor 1254	**87000**	**7200**	**ug/kg**	**930**
Aroclor 1260	ND	7200	ug/kg	1700

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	99 DIL	(10 - 127)
Decachlorobiphenyl	0.0 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-723

GC Semivolatiles

Lot-Sample #...: A5J220188-023 **Work Order #...:** HNEX31AC **Matrix.....:** SO
Date Sampled...: 10/21/05 09:05 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295134
Dilution Factor: 1
% Moisture.....: 18 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	40	ug/kg	8.2
Aroclor 1221	ND	40	ug/kg	12
Aroclor 1232	ND	40	ug/kg	6.4
Aroclor 1242	ND	40	ug/kg	12
Aroclor 1248	ND	40	ug/kg	5.9
Aroclor 1254	**710**	**40**	**ug/kg**	**5.3**
Aroclor 1260	ND	40	ug/kg	9.8

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	56	(10 - 127)
Decachlorobiphenyl	64	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-724

GC Semivolatiles

Lot-Sample #...: A5J220188-024 **Work Order #...:** HNEX51AC **Matrix.....:** SO
Date Sampled...: 10/21/05 09:15 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295134
Dilution Factor: 1
% Moisture.....: 7.3 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.2
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.6
Aroclor 1242	ND	36	ug/kg	11
Aroclor 1248	**130**	**36**	**ug/kg**	**5.2**
Aroclor 1254	ND	36	ug/kg	4.6
Aroclor 1260	**110**	**36**	**ug/kg**	**8.6**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	69	(10 - 127)
Decachlorobiphenyl	89	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-725

GC Semivolatiles

Lot-Sample #...: A5J220188-025 **Work Order #...:** HNEX61AC **Matrix.....:** SO
Date Sampled...: 10/21/05 09:15 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295134
Dilution Factor: 1
% Moisture.....: 7.1 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.2
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.6
Aroclor 1242	ND	36	ug/kg	11
Aroclor 1248	ND	36	ug/kg	5.2
Aroclor 1254	ND	36	ug/kg	4.6
Aroclor 1260	**280**	**36**	**ug/kg**	**8.6**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	71	(10 - 127)
Decachlorobiphenyl	163 *	(40 - 138)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-726

GC Semivolatiles

Lot-Sample #...: A5J220188-026 **Work Order #...:** HNEX71AC **Matrix.....:** SO
Date Sampled...: 10/21/05 09:15 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295134
Dilution Factor: 1
% Moisture.....: 10 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	7.5
Aroclor 1221	ND	37	ug/kg	11
Aroclor 1232	ND	37	ug/kg	5.8
Aroclor 1242	ND	37	ug/kg	11
Aroclor 1248	**98**	**37**	**ug/kg**	**5.4**
Aroclor 1254	ND	37	ug/kg	4.8
Aroclor 1260	**270**	**37**	**ug/kg**	**8.9**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	69	(10 - 127)
Decachlorobiphenyl	85	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-727

GC Semivolatiles

Lot-Sample #...: A5J220188-027 **Work Order #...:** HNEX81AC **Matrix.....:** SO
Date Sampled...: 10/21/05 09:15 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295134
Dilution Factor: 1
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	7.9
Aroclor 1221	ND	39	ug/kg	12
Aroclor 1232	ND	39	ug/kg	6.1
Aroclor 1242	ND	39	ug/kg	12
Aroclor 1248	**96**	**39**	**ug/kg**	**5.7**
Aroclor 1254	ND	39	ug/kg	5.1
Aroclor 1260	**44**	**39**	**ug/kg**	**9.4**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	67	(10 - 127)
Decachlorobiphenyl	82	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-728

GC Semivolatiles

Lot-Sample #...: A5J220188-028 **Work Order #...:** HNEX91AC **Matrix.....:** SO
Date Sampled...: 10/21/05 09:25 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295134
Dilution Factor: 1
% Moisture.....: 6.9 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	7.2
Aroclor 1221	ND	35	ug/kg	11
Aroclor 1232	ND	35	ug/kg	5.6
Aroclor 1242	ND	35	ug/kg	11
Aroclor 1248	**66**	**35**	**ug/kg**	**5.2**
Aroclor 1254	ND	35	ug/kg	4.6
Aroclor 1260	**38**	**35**	**ug/kg**	**8.6**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	58	(10 - 127)
Decachlorobiphenyl	84	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-729

GC Semivolatiles

Lot-Sample #...: A5J220188-029 **Work Order #...:** HNE0A1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 09:25 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295134
Dilution Factor: 1
% Moisture.....: 4.2 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	34	ug/kg	7.0
Aroclor 1221	ND	34	ug/kg	10
Aroclor 1232	ND	34	ug/kg	5.4
Aroclor 1242	ND	34	ug/kg	10
Aroclor 1248	ND	34	ug/kg	5.0
Aroclor 1254	ND	34	ug/kg	4.5
Aroclor 1260	**21 J**	**34**	**ug/kg**	**8.3**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	85	(10 - 127)
Decachlorobiphenyl	94	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-730

GC Semivolatiles

Lot-Sample #...: A5J220188-030 **Work Order #...:** HNE0C1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 09:25 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295134
Dilution Factor: 50
% Moisture.....: 9.6 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1800	ug/kg	370
Aroclor 1221	ND	1800	ug/kg	550
Aroclor 1232	ND	1800	ug/kg	290
Aroclor 1242	ND	1800	ug/kg	550
Aroclor 1248	ND	1800	ug/kg	270
Aroclor 1254	**17000**	**1800**	**ug/kg**	**240**
Aroclor 1260	ND	1800	ug/kg	440

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	108 DIL	(10 - 127)
Decachlorobiphenyl	122 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-731

GC Semivolatiles

Lot-Sample #...: A5J220188-031 **Work Order #...:** HNE0D1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 09:25 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295134
Dilution Factor: 1
% Moisture.....: 14 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	7.8
Aroclor 1221	ND	38	ug/kg	12
Aroclor 1232	ND	38	ug/kg	6.1
Aroclor 1242	ND	38	ug/kg	12
Aroclor 1248	ND	38	ug/kg	5.6
Aroclor 1254	**97**	**38**	**ug/kg**	**5.0**
Aroclor 1260	ND	38	ug/kg	9.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(10 - 127)
Decachlorobiphenyl	92	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-732

GC Semivolatiles

Lot-Sample #...: A5J220188-032 **Work Order #...:** HNE0E1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 09:35 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 10/31/05
Prep Batch #...: 5302012
Dilution Factor: 1
% Moisture.....: 8.3 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.3
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.7
Aroclor 1242	ND	36	ug/kg	11
Aroclor 1248	ND	36	ug/kg	5.2
Aroclor 1254	ND	36	ug/kg	4.7
Aroclor 1260	**410**	**36**	**ug/kg**	**8.7**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	86	(10 - 127)
Decachlorobiphenyl	98	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-733

GC Semivolatiles

Lot-Sample #...: A5J220188-033 **Work Order #...:** HNE0F1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 09:35 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 10/31/05
Prep Batch #...: 5302012
Dilution Factor: 500
% Moisture.....: 6.3 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	18000	ug/kg	3600
Aroclor 1221	ND	18000	ug/kg	5300
Aroclor 1232	ND	18000	ug/kg	2800
Aroclor 1242	ND	18000	ug/kg	5300
Aroclor 1248	ND	18000	ug/kg	2600
Aroclor 1254	ND	18000	ug/kg	2300
Aroclor 1260	**170000**	**18000**	**ug/kg**	**4300**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	145 DIL,*	(10 - 127)
Decachlorobiphenyl	432 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-734

GC Semivolatiles

Lot-Sample #...: A5J220188-034 **Work Order #...:** HNE0G1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 09:35 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 10/31/05
Prep Batch #...: 5302012
Dilution Factor: 5
% Moisture.....: 7.6 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	180	ug/kg	36
Aroclor 1221	ND	180	ug/kg	54
Aroclor 1232	ND	180	ug/kg	28
Aroclor 1242	ND	180	ug/kg	54
Aroclor 1248	ND	180	ug/kg	26
Aroclor 1254	ND	180	ug/kg	23
Aroclor 1260	**690**	**180**	**ug/kg**	**43**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	91 DIL	(10 - 127)
Decachlorobiphenyl	93 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-735

GC Semivolatiles

Lot-Sample #...: A5J220188-035 **Work Order #...:** HNE0H1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 09:35 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 10/31/05
Prep Batch #...: 5302012
Dilution Factor: 20
% Moisture.....: 7.4 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	710	ug/kg	140
Aroclor 1221	ND	710	ug/kg	210
Aroclor 1232	ND	710	ug/kg	110
Aroclor 1242	ND	710	ug/kg	220
Aroclor 1248	ND	710	ug/kg	100
Aroclor 1254	ND	710	ug/kg	93
Aroclor 1260	**8800**	**710**	**ug/kg**	**170**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	125 DIL	(10 - 127)
Decachlorobiphenyl	126 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-736

GC Semivolatiles

Lot-Sample #...: A5J220188-036 **Work Order #...:** HNE0J1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 09:45 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 10/31/05
Prep Batch #...: 5302012
Dilution Factor: 1
% Moisture.....: 9.7 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	7.4
Aroclor 1221	ND	37	ug/kg	11
Aroclor 1232	ND	37	ug/kg	5.8
Aroclor 1242	ND	37	ug/kg	11
Aroclor 1248	ND	37	ug/kg	5.3
Aroclor 1254	ND	37	ug/kg	4.8
Aroclor 1260	**150**	**37**	**ug/kg**	**8.9**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	81	(10 - 127)
Decachlorobiphenyl	91	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-737

GC Semivolatiles

Lot-Sample #...: A5J220188-037 **Work Order #...:** HNE0K1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 09:45 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 10/31/05
Prep Batch #...: 5302012
Dilution Factor: 1
% Moisture.....: 7.0 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.2
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.6
Aroclor 1242	ND	36	ug/kg	11
Aroclor 1248	ND	36	ug/kg	5.2
Aroclor 1254	ND	36	ug/kg	4.6
Aroclor 1260	**72**	**36**	**ug/kg**	**8.6**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	88	(10 - 127)
Decachlorobiphenyl	87	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-738

GC Semivolatiles

Lot-Sample #...: A5J220188-038 **Work Order #...:** HNE0L1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 09:45 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 10/31/05
Prep Batch #...: 5302012
Dilution Factor: 1
% Moisture.....: 14 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	7.8
Aroclor 1221	ND	38	ug/kg	12
Aroclor 1232	ND	38	ug/kg	6.1
Aroclor 1242	ND	38	ug/kg	12
Aroclor 1248	**59**	**38**	**ug/kg**	**5.6**
Aroclor 1254	ND	38	ug/kg	5.0
Aroclor 1260	**44**	**38**	**ug/kg**	**9.3**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	81	(10 - 127)
Decachlorobiphenyl	92	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-739

GC Semivolatiles

Lot-Sample #...: A5J220188-039 **Work Order #...:** HNE0M1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 09:55 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295135
Dilution Factor: 1
% Moisture.....: 6.7 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	7.2
Aroclor 1221	ND	35	ug/kg	11
Aroclor 1232	ND	35	ug/kg	5.6
Aroclor 1242	ND	35	ug/kg	11
Aroclor 1248	**540**	**35**	**ug/kg**	**5.1**
Aroclor 1254	ND	35	ug/kg	4.6
Aroclor 1260	**210**	**35**	**ug/kg**	**8.6**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	96	(10 - 127)
Decachlorobiphenyl	115	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-740

GC Semivolatiles

Lot-Sample #...: A5J220188-040 **Work Order #...:** HNE0P1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 09:55 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295135
Dilution Factor: 1
% Moisture.....: 3.4 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	34	ug/kg	6.9
Aroclor 1221	ND	34	ug/kg	10
Aroclor 1232	ND	34	ug/kg	5.4
Aroclor 1242	ND	34	ug/kg	10
Aroclor 1248	ND	34	ug/kg	5.0
Aroclor 1254	**110**	**34**	**ug/kg**	**4.5**
Aroclor 1260	ND	34	ug/kg	8.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	99	(10 - 127)
Decachlorobiphenyl	106	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-741

GC Semivolatiles

Lot-Sample #...: A5J220188-041 **Work Order #...:** HNE0Q1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 09:55 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295135
Dilution Factor: 1
% Moisture.....: 8.5 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.3
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.7
Aroclor 1242	ND	36	ug/kg	11
Aroclor 1248	ND	36	ug/kg	5.2
Aroclor 1254	**150**	**36**	**ug/kg**	**4.7**
Aroclor 1260	ND	36	ug/kg	8.7

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87	(10 - 127)
Decachlorobiphenyl	92	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-742

GC Semivolatiles

Lot-Sample #...: A5J220188-042 **Work Order #...:** HNE0R1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 09:55 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295135
Dilution Factor: 1
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	7.6
Aroclor 1221	ND	37	ug/kg	11
Aroclor 1232	ND	37	ug/kg	5.9
Aroclor 1242	ND	37	ug/kg	11
Aroclor 1248	ND	37	ug/kg	5.4
Aroclor 1254	**70**	**37**	**ug/kg**	**4.9**
Aroclor 1260	ND	37	ug/kg	9.1

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	91	(10 - 127)
Decachlorobiphenyl	94	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-743

GC Semivolatiles

Lot-Sample #...: A5J220188-043 **Work Order #...:** HNE0T1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 10:05 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295135
Dilution Factor: 20
% Moisture.....: 5.6 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	700	ug/kg	140
Aroclor 1221	ND	700	ug/kg	210
Aroclor 1232	ND	700	ug/kg	110
Aroclor 1242	ND	700	ug/kg	210
Aroclor 1248	ND	700	ug/kg	100
Aroclor 1254	ND	700	ug/kg	91
Aroclor 1260	**6200**	**700**	**ug/kg**	**170**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	127 DIL	(10 - 127)
Decachlorobiphenyl	131 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-744

GC Semivolatiles

Lot-Sample #...: A5J220188-044 **Work Order #...:** HNE0V1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 10:05 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295135
Dilution Factor: 1
% Moisture.....: 8.0 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.3
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.7
Aroclor 1242	ND	36	ug/kg	11
Aroclor 1248	ND	36	ug/kg	5.2
Aroclor 1254	**190**	**36**	**ug/kg**	**4.7**
Aroclor 1260	ND	36	ug/kg	8.7

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	91	(10 - 127)
Decachlorobiphenyl	99	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-745

GC Semivolatiles

Lot-Sample #...: A5J220188-045 **Work Order #...:** HNE0W1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 10:15 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 10/31/05
Prep Batch #...: 5302012
Dilution Factor: 500
% Moisture.....: 4.3 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	17000	ug/kg	3500
Aroclor 1221	ND	17000	ug/kg	5200
Aroclor 1232	ND	17000	ug/kg	2700
Aroclor 1242	ND	17000	ug/kg	5200
Aroclor 1248	ND	17000	ug/kg	2500
Aroclor 1254	ND	17000	ug/kg	2200
Aroclor 1260	**130000**	**17000**	**ug/kg**	**4200**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	174 DIL,*	(10 - 127)
Decachlorobiphenyl	3590 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-746

GC Semivolatiles

Lot-Sample #...: A5J220188-046 **Work Order #...:** HNE0X1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 10:25 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 10/31/05
Prep Batch #...: 5302012
Dilution Factor: 10
% Moisture.....: 14 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	390	ug/kg	78
Aroclor 1221	ND	390	ug/kg	120
Aroclor 1232	ND	390	ug/kg	61
Aroclor 1242	**3400**	**390**	**ug/kg**	**120**
Aroclor 1248	ND	390	ug/kg	56
Aroclor 1254	ND	390	ug/kg	50
Aroclor 1260	**870**	**390**	**ug/kg**	**93**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	101 DIL	(10 - 127)
Decachlorobiphenyl	79 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-747

GC Semivolatiles

Lot-Sample #...: A5J220188-047 **Work Order #...:** HNE001AC **Matrix.....:** SO
Date Sampled...: 10/21/05 10:25 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 10/31/05
Prep Batch #...: 5302012
Dilution Factor: 1
% Moisture.....: 9.3 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.4
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.7
Aroclor 1242	ND	36	ug/kg	11
Aroclor 1248	ND	36	ug/kg	5.3
Aroclor 1254	**80**	**36**	**ug/kg**	**4.7**
Aroclor 1260	ND	36	ug/kg	8.8

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	73	(10 - 127)
Decachlorobiphenyl	70	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-748

GC Semivolatiles

Lot-Sample #...: A5J220188-048 **Work Order #...:** HNE011AC **Matrix.....:** SO
Date Sampled...: 10/21/05 10:25 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 10/31/05
Prep Batch #...: 5302012
Dilution Factor: 1
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	7.9
Aroclor 1221	ND	39	ug/kg	12
Aroclor 1232	ND	39	ug/kg	6.1
Aroclor 1242	**630**	**39**	**ug/kg**	**12**
Aroclor 1248	ND	39	ug/kg	5.6
Aroclor 1254	ND	39	ug/kg	5.1
Aroclor 1260	**230**	**39**	**ug/kg**	**9.4**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87	(10 - 127)
Decachlorobiphenyl	71	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-749

GC Semivolatiles

Lot-Sample #...: A5J220188-049 **Work Order #...:** HNE021AC **Matrix.....:** SO
Date Sampled...: 10/21/05 10:25 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 10/31/05
Prep Batch #...: 5302012
Dilution Factor: 1
% Moisture.....: 19 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	41	ug/kg	8.3
Aroclor 1221	ND	41	ug/kg	12
Aroclor 1232	ND	41	ug/kg	6.4
Aroclor 1242	ND	41	ug/kg	12
Aroclor 1248	ND	41	ug/kg	5.9
Aroclor 1254	ND	41	ug/kg	5.3
Aroclor 1260	ND	41	ug/kg	9.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	98	(10 - 127)
Decachlorobiphenyl	76	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-750

GC Semivolatiles

Lot-Sample #...: A5J220188-050 **Work Order #...:** HNE031AC **Matrix.....:** SO
Date Sampled...: 10/21/05 10:35 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 11/01/05
Prep Batch #...: 5302012
Dilution Factor: 20
% Moisture.....: 8.8 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	720	ug/kg	150
Aroclor 1221	ND	720	ug/kg	220
Aroclor 1232	ND	720	ug/kg	110
Aroclor 1242	**5200**	**720**	**ug/kg**	**220**
Aroclor 1248	ND	720	ug/kg	110
Aroclor 1254	ND	720	ug/kg	94
Aroclor 1260	**1000**	**720**	**ug/kg**	**180**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	103 DIL	(10 - 127)
Decachlorobiphenyl	114 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-751

GC Semivolatiles

Lot-Sample #...: A5J220188-051 **Work Order #...:** HNE041AC **Matrix.....:** SO
Date Sampled...: 10/21/05 10:45 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5295135
Dilution Factor: 2
% Moisture.....: 8.7 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	72	ug/kg	15
Aroclor 1221	ND	72	ug/kg	22
Aroclor 1232	ND	72	ug/kg	11
Aroclor 1242	**830**	**72**	**ug/kg**	**22**
Aroclor 1248	ND	72	ug/kg	11
Aroclor 1254	ND	72	ug/kg	9.4
Aroclor 1260	**410**	**72**	**ug/kg**	**18**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	90	(10 - 127)
Decachlorobiphenyl	102	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-752

GC Semivolatiles

Lot-Sample #...: A5J220188-052 **Work Order #...:** HNE071AC **Matrix.....:** SO
Date Sampled...: 10/21/05 10:45 **Date Received..:** 10/22/05
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297032
Dilution Factor: 5
% Moisture.....: 6.9 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	180	ug/kg	36
Aroclor 1221	ND	180	ug/kg	53
Aroclor 1232	ND	180	ug/kg	28
Aroclor 1242	ND	180	ug/kg	54
Aroclor 1248	ND	180	ug/kg	26
Aroclor 1254	**2400**	**180**	**ug/kg**	**23**
Aroclor 1260	ND	180	ug/kg	43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	57 DIL	(10 - 127)
Decachlorobiphenyl	80 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-753

GC Semivolatiles

Lot-Sample #...: A5J220188-053 **Work Order #...:** HNE081AC **Matrix.....:** SO
Date Sampled...: 10/21/05 10:45 **Date Received..:** 10/22/05
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297032
Dilution Factor: 1
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	7.5
Aroclor 1221	ND	37	ug/kg	11
Aroclor 1232	ND	37	ug/kg	5.8
Aroclor 1242	**220**	**37**	**ug/kg**	**11**
Aroclor 1248	ND	37	ug/kg	5.4
Aroclor 1254	ND	37	ug/kg	4.8
Aroclor 1260	**110**	**37**	**ug/kg**	**9.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	66	(10 - 127)
Decachlorobiphenyl	79	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-754

GC Semivolatiles

Lot-Sample #...: A5J220188-054 **Work Order #...:** HNE091AC **Matrix.....:** SO
Date Sampled...: 10/21/05 10:55 **Date Received..:** 10/22/05
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297032
Dilution Factor: 1
% Moisture.....: 8.2 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.3
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.7
Aroclor 1242	ND	36	ug/kg	11
Aroclor 1248	**100**	**36**	**ug/kg**	**5.2**
Aroclor 1254	ND	36	ug/kg	4.7
Aroclor 1260	**25 J**	**36**	**ug/kg**	**8.7**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	82	(10 - 127)
Decachlorobiphenyl	91	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-755

GC Semivolatiles

Lot-Sample #...: A5J220188-055 **Work Order #...:** HNE1A1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 10:55 **Date Received..:** 10/22/05
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297032
Dilution Factor: 1
% Moisture.....: 16 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	8.0
Aroclor 1221	ND	39	ug/kg	12
Aroclor 1232	ND	39	ug/kg	6.2
Aroclor 1242	ND	39	ug/kg	12
Aroclor 1248	ND	39	ug/kg	5.7
Aroclor 1254	ND	39	ug/kg	5.1
Aroclor 1260	ND	39	ug/kg	9.5

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	64	(10 - 127)
Decachlorobiphenyl	81	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-756

GC Semivolatiles

Lot-Sample #...: A5J220188-056 **Work Order #...:** HNE1C1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 10:55 **Date Received..:** 10/22/05
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297032
Dilution Factor: 1
% Moisture.....: 14 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	7.8
Aroclor 1221	ND	38	ug/kg	11
Aroclor 1232	ND	38	ug/kg	6.0
Aroclor 1242	ND	38	ug/kg	12
Aroclor 1248	ND	38	ug/kg	5.6
Aroclor 1254	ND	38	ug/kg	5.0
Aroclor 1260	ND	38	ug/kg	9.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	47	(10 - 127)
Decachlorobiphenyl	55	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-757

GC Semivolatiles

Lot-Sample #...: A5J220188-057 **Work Order #...:** HNE1D1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 10:55 **Date Received..:** 10/22/05
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297032
Dilution Factor: 1
% Moisture.....: 17 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	40	ug/kg	8.1
Aroclor 1221	ND	40	ug/kg	12
Aroclor 1232	ND	40	ug/kg	6.3
Aroclor 1242	ND	40	ug/kg	12
Aroclor 1248	ND	40	ug/kg	5.8
Aroclor 1254	ND	40	ug/kg	5.2
Aroclor 1260	ND	40	ug/kg	9.6

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	58	(10 - 127)
Decachlorobiphenyl	69	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-758

GC Semivolatiles

Lot-Sample #...: A5J220188-058 **Work Order #...:** HNE1E1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 11:05 **Date Received..:** 10/22/05
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297032
Dilution Factor: 50
% Moisture.....: 8.7 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1800	ug/kg	370
Aroclor 1221	ND	1800	ug/kg	540
Aroclor 1232	ND	1800	ug/kg	280
Aroclor 1242	ND	1800	ug/kg	550
Aroclor 1248	**13000**	**1800**	**ug/kg**	**260**
Aroclor 1254	ND	1800	ug/kg	240
Aroclor 1260	**2200**	**1800**	**ug/kg**	**440**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	109 DIL	(10 - 127)
Decachlorobiphenyl	172 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-759

GC Semivolatiles

Lot-Sample #...: A5J220188-059 **Work Order #...:** HNE1F1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 11:05 **Date Received..:** 10/22/05
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297032
Dilution Factor: 1
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	7.6
Aroclor 1221	ND	37	ug/kg	11
Aroclor 1232	ND	37	ug/kg	5.9
Aroclor 1242	ND	37	ug/kg	11
Aroclor 1248	**20 J**	**37**	**ug/kg**	**5.4**
Aroclor 1254	ND	37	ug/kg	4.9
Aroclor 1260	ND	37	ug/kg	9.1

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	65	(10 - 127)
Decachlorobiphenyl	82	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-760

GC Semivolatiles

Lot-Sample #...: A5J220188-060 **Work Order #...:** HNE1G1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 11:05 **Date Received..:** 10/22/05
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297032
Dilution Factor: 1
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	7.9
Aroclor 1221	ND	39	ug/kg	12
Aroclor 1232	ND	39	ug/kg	6.1
Aroclor 1242	ND	39	ug/kg	12
Aroclor 1248	**19 J**	**39**	**ug/kg**	**5.7**
Aroclor 1254	ND	39	ug/kg	5.1
Aroclor 1260	ND	39	ug/kg	9.4

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	62	(10 - 127)
Decachlorobiphenyl	75	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-761

GC Semivolatiles

Lot-Sample #...: A5J220188-061 **Work Order #...:** HNE1H1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 11:05 **Date Received..:** 10/22/05
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297032
Dilution Factor: 1
% Moisture.....: 14 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	7.8
Aroclor 1221	ND	38	ug/kg	12
Aroclor 1232	ND	38	ug/kg	6.1
Aroclor 1242	ND	38	ug/kg	12
Aroclor 1248	**8.9 J**	**38**	**ug/kg**	**5.6**
Aroclor 1254	ND	38	ug/kg	5.0
Aroclor 1260	ND	38	ug/kg	9.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	53	(10 - 127)
Decachlorobiphenyl	66	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-762

GC Semivolatiles

Lot-Sample #...: A5J220188-062 **Work Order #...:** HNE1J1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 11:15 **Date Received..:** 10/22/05
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297032
Dilution Factor: 2
% Moisture.....: 4.4 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	69	ug/kg	14
Aroclor 1221	ND	69	ug/kg	21
Aroclor 1232	ND	69	ug/kg	11
Aroclor 1242	ND	69	ug/kg	21
Aroclor 1248	**550**	**69**	**ug/kg**	**10**
Aroclor 1254	ND	69	ug/kg	9.0
Aroclor 1260	**50 J**	**69**	**ug/kg**	**17**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	68	(10 - 127)
Decachlorobiphenyl	82	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-763

GC Semivolatiles

Lot-Sample #...: A5J220188-063 **Work Order #...:** HNE1K1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 11:15 **Date Received..:** 10/22/05
Prep Date.....: 10/24/05 **Analysis Date..:** 10/27/05
Prep Batch #...: 5297032
Dilution Factor: 1
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	7.5
Aroclor 1221	ND	37	ug/kg	11
Aroclor 1232	ND	37	ug/kg	5.8
Aroclor 1242	ND	37	ug/kg	11
Aroclor 1248	ND	37	ug/kg	5.4
Aroclor 1254	ND	37	ug/kg	4.8
Aroclor 1260	ND	37	ug/kg	9.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	71	(10 - 127)
Decachlorobiphenyl	78	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-764

GC Semivolatiles

Lot-Sample #...: A5J220188-064 **Work Order #...:** HNE1L1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 11:15 **Date Received..:** 10/22/05
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297032
Dilution Factor: 1
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	7.9
Aroclor 1221	ND	39	ug/kg	12
Aroclor 1232	ND	39	ug/kg	6.1
Aroclor 1242	ND	39	ug/kg	12
Aroclor 1248	ND	39	ug/kg	5.7
Aroclor 1254	ND	39	ug/kg	5.1
Aroclor 1260	ND	39	ug/kg	9.5

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	59	(10 - 127)
Decachlorobiphenyl	62	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-765

GC Semivolatiles

Lot-Sample #...: A5J220188-065 **Work Order #...:** HNE1M1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 11:15 **Date Received..:** 10/22/05
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297032
Dilution Factor: 1
% Moisture.....: 14 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	7.8
Aroclor 1221	ND	39	ug/kg	12
Aroclor 1232	ND	39	ug/kg	6.1
Aroclor 1242	ND	39	ug/kg	12
Aroclor 1248	ND	39	ug/kg	5.6
Aroclor 1254	ND	39	ug/kg	5.0
Aroclor 1260	ND	39	ug/kg	9.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	75	(10 - 127)
Decachlorobiphenyl	77	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-766

GC Semivolatiles

Lot-Sample #...: A5J220188-066 **Work Order #...:** HNE1N1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 11:25 **Date Received..:** 10/22/05
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297032
Dilution Factor: 10
% Moisture.....: 9.5 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	360	ug/kg	74
Aroclor 1221	ND	360	ug/kg	110
Aroclor 1232	ND	360	ug/kg	57
Aroclor 1242	ND	360	ug/kg	110
Aroclor 1248	**2100**	**360**	**ug/kg**	**53**
Aroclor 1254	ND	360	ug/kg	47
Aroclor 1260	**450**	**360**	**ug/kg**	**88**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78 DIL	(10 - 127)
Decachlorobiphenyl	77 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-767

GC Semivolatiles

Lot-Sample #...: A5J220188-067 **Work Order #...:** HNE1P1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 11:25 **Date Received..:** 10/22/05
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297032
Dilution Factor: 1
% Moisture.....: 13 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	7.7
Aroclor 1221	ND	38	ug/kg	11
Aroclor 1232	ND	38	ug/kg	6.0
Aroclor 1242	ND	38	ug/kg	12
Aroclor 1248	**25 J**	**38**	**ug/kg**	**5.5**
Aroclor 1254	ND	38	ug/kg	5.0
Aroclor 1260	ND	38	ug/kg	9.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	63	(10 - 127)
Decachlorobiphenyl	78	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-768

GC Semivolatiles

Lot-Sample #...: A5J220188-068 **Work Order #...:** HNE1Q1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 11:25 **Date Received..:** 10/22/05
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297032
Dilution Factor: 1
% Moisture.....: 13 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	7.7
Aroclor 1221	ND	38	ug/kg	11
Aroclor 1232	ND	38	ug/kg	6.0
Aroclor 1242	ND	38	ug/kg	11
Aroclor 1248	ND	38	ug/kg	5.5
Aroclor 1254	ND	38	ug/kg	4.9
Aroclor 1260	ND	38	ug/kg	9.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	74	(10 - 127)
Decachlorobiphenyl	76	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-769

GC Semivolatiles

Lot-Sample #...: A5J220188-069 **Work Order #...:** HNE1R1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 11:25 **Date Received..:** 10/22/05
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297032
Dilution Factor: 1
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	7.6
Aroclor 1221	ND	37	ug/kg	11
Aroclor 1232	ND	37	ug/kg	5.9
Aroclor 1242	ND	37	ug/kg	11
Aroclor 1248	ND	37	ug/kg	5.4
Aroclor 1254	ND	37	ug/kg	4.9
Aroclor 1260	ND	37	ug/kg	9.1

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	75	(10 - 127)
Decachlorobiphenyl	78	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-770

GC Semivolatiles

Lot-Sample #...: A5J220188-070 **Work Order #...:** HNE1T1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 11:35 **Date Received..:** 10/22/05
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297032
Dilution Factor: 1
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	7.5
Aroclor 1221	ND	37	ug/kg	11
Aroclor 1232	ND	37	ug/kg	5.8
Aroclor 1242	ND	37	ug/kg	11
Aroclor 1248	ND	37	ug/kg	5.4
Aroclor 1254	ND	37	ug/kg	4.8
Aroclor 1260	ND	37	ug/kg	9.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	59	(10 - 127)
Decachlorobiphenyl	62	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-771

GC Semivolatiles

Lot-Sample #...: A5J220188-071 **Work Order #...:** HNE1V1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 11:35 **Date Received..:** 10/22/05
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297036
Dilution Factor: 1
% Moisture.....: 17 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	40	ug/kg	8.1
Aroclor 1221	ND	40	ug/kg	12
Aroclor 1232	ND	40	ug/kg	6.3
Aroclor 1242	ND	40	ug/kg	12
Aroclor 1248	ND	40	ug/kg	5.8
Aroclor 1254	ND	40	ug/kg	5.2
Aroclor 1260	ND	40	ug/kg	9.7

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	82	(10 - 127)
Decachlorobiphenyl	126	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-772

GC Semivolatiles

Lot-Sample #...: A5J220188-072 **Work Order #...:** HNE1W1AC **Matrix.....:** SO
Date Sampled...: 10/21/05 11:35 **Date Received..:** 10/22/05
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297036
Dilution Factor: 1
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	7.9
Aroclor 1221	ND	39	ug/kg	12
Aroclor 1232	ND	39	ug/kg	6.2
Aroclor 1242	ND	39	ug/kg	12
Aroclor 1248	ND	39	ug/kg	5.7
Aroclor 1254	ND	39	ug/kg	5.1
Aroclor 1260	ND	39	ug/kg	9.5

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	59	(10 - 127)
Decachlorobiphenyl	56	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-773

GC Semivolatiles

Lot-Sample #...: A5J220188-073 **Work Order #...:** HNE101AC **Matrix.....:** SO
Date Sampled...: 10/21/05 11:35 **Date Received..:** 10/22/05
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297032
Dilution Factor: 1
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	7.6
Aroclor 1221	ND	38	ug/kg	11
Aroclor 1232	ND	38	ug/kg	5.9
Aroclor 1242	ND	38	ug/kg	11
Aroclor 1248	ND	38	ug/kg	5.5
Aroclor 1254	ND	38	ug/kg	4.9
Aroclor 1260	ND	38	ug/kg	9.1

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	76	(10 - 127)
Decachlorobiphenyl	84	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-701

General Chemistry

Lot-Sample #...: A5J220188-001 **Work Order #...:** HNEWV **Matrix.....:** SO
Date Sampled...: 10/21/05 08:15 **Date Received..:** 10/22/05
% Moisture.....: 6.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/29-10/31/05**	**5302122**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-702

General Chemistry

Lot-Sample #...: A5J220188-002 **Work Order #...:** HNEW0 **Matrix.....:** SO
Date Sampled...: 10/21/05 08:15 **Date Received..:** 10/22/05
% Moisture.....: 24

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**76.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/29-10/31/05**	**5302122**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-703

General Chemistry

Lot-Sample #...: A5J220188-003 **Work Order #...:** HNEW4 **Matrix.....:** SO
Date Sampled...: 10/21/05 08:15 **Date Received..:** 10/22/05
% Moisture.....: 7.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/29-10/31/05**	**5302122**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-704

General Chemistry

Lot-Sample #...: A5J220188-004 **Work Order #...:** HNEW5 **Matrix.....:** SO
Date Sampled...: 10/21/05 08:15 **Date Received..:** 10/22/05
% Moisture.....: 17

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**83.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/29-10/31/05**	**5302122**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-705

General Chemistry

Lot-Sample #...: A5J220188-005 **Work Order #...:** HNEW6 **Matrix.....:** SO
Date Sampled...: 10/21/05 08:25 **Date Received..:** 10/22/05
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**89.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296069**
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-706

General Chemistry

Lot-Sample #...: A5J220188-006 **Work Order #...:** HNEW7 **Matrix.....:** SO
Date Sampled...: 10/21/05 08:25 **Date Received..:** 10/22/05
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**88.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296069**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-707

General Chemistry

Lot-Sample #...: A5J220188-007 **Work Order #...:** HNEW9 **Matrix.....:** SO
Date Sampled...: 10/21/05 08:25 **Date Received..:** 10/22/05
% Moisture.....: 25

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**74.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296069**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-708

General Chemistry

Lot-Sample #...: A5J220188-008 **Work Order #...:** HNEXA **Matrix.....:** SO
Date Sampled...: 10/21/05 08:35 **Date Received..:** 10/22/05
% Moisture.....: 4.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**95.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/29-10/31/05**	**5302122**
	Dilution Factor: 1			MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-709

General Chemistry

Lot-Sample #...: A5J220188-009 **Work Order #...:** HNEXC **Matrix.....:** SO
Date Sampled...: 10/21/05 08:35 **Date Received..:** 10/22/05
% Moisture.....: 7.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/29-10/31/05**	**5302122**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-710

General Chemistry

Lot-Sample #...: A5J220188-010 **Work Order #...:** HNEXD **Matrix.....:** SO
Date Sampled...: 10/21/05 08:35 **Date Received..:** 10/22/05
% Moisture.....: 9.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/29-10/31/05**	**5302122**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-711

General Chemistry

Lot-Sample #...: A5J220188-011 **Work Order #...:** HNEXF **Matrix.....:** SO
Date Sampled...: 10/21/05 08:35 **Date Received..:** 10/22/05
% Moisture.....: 22

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**77.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/29-10/31/05**	**5302122**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-712

General Chemistry

Lot-Sample #...: A5J220188-012 **Work Order #...:** HNEXG **Matrix.....:** SO
Date Sampled...: 10/21/05 08:45 **Date Received..:** 10/22/05
% Moisture.....: 7.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296069**
	Dilution Factor: 1			MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-713

General Chemistry

Lot-Sample #...: A5J220188-013 **Work Order #...:** HNEXH **Matrix.....:** SO
Date Sampled...: 10/21/05 08:45 **Date Received..:** 10/22/05
% Moisture.....: 5.1

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**94.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296069**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-714

General Chemistry

Lot-Sample #...: A5J220188-014 **Work Order #...:** HNEXJ **Matrix.....:** SO
Date Sampled...: 10/21/05 08:45 **Date Received..:** 10/22/05
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**89.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296069**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-715

General Chemistry

Lot-Sample #...: A5J220188-015 **Work Order #...:** HNEXL **Matrix.....:** SO
Date Sampled...: 10/21/05 08:45 **Date Received..:** 10/22/05
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**86.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296069**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-716

General Chemistry

Lot-Sample #...: A5J220188-016 **Work Order #...:** HNEXP **Matrix.....:** SO
Date Sampled...: 10/21/05 08:55 **Date Received..:** 10/22/05
% Moisture.....: 8.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/29-10/31/05**	**5302122**
	Dilution Factor: 1			MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-717

General Chemistry

Lot-Sample #...: A5J220188-017 **Work Order #...:** HNEXT **Matrix.....:** SO
Date Sampled...: 10/21/05 08:55 **Date Received..:** 10/22/05
% Moisture.....: 5.9

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**94.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/29-10/31/05**	**5302122**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-718

General Chemistry

Lot-Sample #...: A5J220188-018 **Work Order #...:** HNEXV **Matrix.....:** SO
Date Sampled...: 10/21/05 08:55 **Date Received..:** 10/22/05
% Moisture.....: 7.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/29-10/31/05**	**5302122**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-719

General Chemistry

Lot-Sample #...: A5J220188-019 **Work Order #...:** HNEXW **Matrix.....:** SO
Date Sampled...: 10/21/05 08:55 **Date Received..:** 10/22/05
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**84.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296069**
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-720

General Chemistry

Lot-Sample #...: A5J220188-020 **Work Order #...:** HNEX0 **Matrix.....:** SO
Date Sampled...: 10/21/05 09:05 **Date Received..:** 10/22/05
% Moisture.....: 6.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296069**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-721

General Chemistry

Lot-Sample #...: A5J220188-021 **Work Order #...:** HNEX1 **Matrix.....:** SO
Date Sampled...: 10/21/05 09:05 **Date Received..:** 10/22/05
% Moisture.....: 2.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**97.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296069**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-722

General Chemistry

Lot-Sample #...: A5J220188-022 **Work Order #...:** HNEX2 **Matrix.....:** SO
Date Sampled...: 10/21/05 09:05 **Date Received..:** 10/22/05
% Moisture.....: 7.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296069**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-723

General Chemistry

Lot-Sample #...: A5J220188-023 **Work Order #...:** HNEX3 **Matrix.....:** SO
Date Sampled...: 10/21/05 09:05 **Date Received..:** 10/22/05
% Moisture.....: 18

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**81.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296069**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-724

General Chemistry

Lot-Sample #...: A5J220188-024 **Work Order #...:** HNEX5 **Matrix.....:** SO
Date Sampled...: 10/21/05 09:15 **Date Received..:** 10/22/05
% Moisture.....: 7.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296069**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-725

General Chemistry

Lot-Sample #...: A5J220188-025 **Work Order #...:** HNEX6 **Matrix.....:** SO
Date Sampled...: 10/21/05 09:15 **Date Received..:** 10/22/05
% Moisture.....: 7.1

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296069**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-726

General Chemistry

Lot-Sample #...: A5J220188-026 **Work Order #...:** HNEX7 **Matrix.....:** SO
Date Sampled...: 10/21/05 09:15 **Date Received..:** 10/22/05
% Moisture.....: 10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**89.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296069**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-727

General Chemistry

Lot-Sample #...: A5J220188-027 **Work Order #...:** HNEX8 **Matrix.....:** SO
Date Sampled...: 10/21/05 09:15 **Date Received..:** 10/22/05
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**84.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296069**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-728

General Chemistry

Lot-Sample #...: A5J220188-028 **Work Order #...:** HNEX9 **Matrix.....:** SO
Date Sampled...: 10/21/05 09:25 **Date Received..:** 10/22/05
% Moisture.....: 6.9

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296069**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-729

General Chemistry

Lot-Sample #...: A5J220188-029 **Work Order #...:** HNE0A **Matrix.....:** SO
Date Sampled...: 10/21/05 09:25 **Date Received..:** 10/22/05
% Moisture.....: 4.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**95.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296069**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-730

General Chemistry

Lot-Sample #...: A5J220188-030 **Work Order #...:** HNE0C **Matrix.....:** SO
Date Sampled...: 10/21/05 09:25 **Date Received..:** 10/22/05
% Moisture.....: 9.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296070**
	Dilution Factor: 1			MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-731

General Chemistry

Lot-Sample #...: A5J220188-031 **Work Order #...:** HNE0D **Matrix.....:** SO
Date Sampled...: 10/21/05 09:25 **Date Received..:** 10/22/05
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**85.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296069**
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-732

General Chemistry

Lot-Sample #...: A5J220188-032 **Work Order #...:** HNE0E **Matrix.....:** SO
Date Sampled...: 10/21/05 09:35 **Date Received..:** 10/22/05
% Moisture.....: 8.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/29-10/31/05**	**5302122**
	Dilution Factor: 1			MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-733

General Chemistry

Lot-Sample #...: A5J220188-033 **Work Order #...:** HNE0F **Matrix.....:** SO
Date Sampled...: 10/21/05 09:35 **Date Received..:** 10/22/05
% Moisture.....: 6.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/29-10/31/05**	**5302122**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-734

General Chemistry

Lot-Sample #...: A5J220188-034 **Work Order #...:** HNE0G **Matrix.....:** SO
Date Sampled...: 10/21/05 09:35 **Date Received..:** 10/22/05
% Moisture.....: 7.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/29-10/31/05**	**5302122**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-735

General Chemistry

Lot-Sample #...: A5J220188-035 **Work Order #...:** HNE0H **Matrix.....:** SO
Date Sampled...: 10/21/05 09:35 **Date Received..:** 10/22/05
% Moisture.....: 7.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/29-10/31/05**	**5302122**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-736

General Chemistry

Lot-Sample #...: A5J220188-036 **Work Order #...:** HNE0J **Matrix.....:** SO
Date Sampled...: 10/21/05 09:45 **Date Received..:** 10/22/05
% Moisture.....: 9.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/29-10/31/05**	**5302122**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-737

General Chemistry

Lot-Sample #...: A5J220188-037 **Work Order #...:** HNE0K **Matrix.....:** SO
Date Sampled...: 10/21/05 09:45 **Date Received..:** 10/22/05
% Moisture.....: 7.0

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/29-10/31/05**	**5302122**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-738

General Chemistry

Lot-Sample #...: A5J220188-038 **Work Order #...:** HNE0L **Matrix.....:** SO
Date Sampled...: 10/21/05 09:45 **Date Received..:** 10/22/05
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**85.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/29-10/31/05**	**5302122**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-739

General Chemistry

Lot-Sample #...: A5J220188-039 **Work Order #...:** HNE0M **Matrix.....:** SO
Date Sampled...: 10/21/05 09:55 **Date Received..:** 10/22/05
% Moisture.....: 6.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296069**
	Dilution Factor: 1			MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-740

General Chemistry

Lot-Sample #...: A5J220188-040 **Work Order #...:** HNE0P **Matrix.....:** SO
Date Sampled...: 10/21/05 09:55 **Date Received..:** 10/22/05
% Moisture.....: 3.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**96.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296070**
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-741

General Chemistry

Lot-Sample #...: A5J220188-041 **Work Order #...:** HNE0Q **Matrix.....:** SO
Date Sampled...: 10/21/05 09:55 **Date Received..:** 10/22/05
% Moisture.....: 8.5

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296070**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-742

General Chemistry

Lot-Sample #...: A5J220188-042 **Work Order #...:** HNE0R **Matrix.....:** SO
Date Sampled...: 10/21/05 09:55 **Date Received..:** 10/22/05
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**88.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296070**

Dilution Factor: 1 MDL.....: 8.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-743

General Chemistry

Lot-Sample #...: A5J220188-043 **Work Order #...:** HNE0T **Matrix.....:** SO
Date Sampled...: 10/21/05 10:05 **Date Received..:** 10/22/05
% Moisture.....: 5.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**94.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296070**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-744

General Chemistry

Lot-Sample #...: A5J220188-044 **Work Order #...:** HNE0V **Matrix.....:** SO
Date Sampled...: 10/21/05 10:05 **Date Received..:** 10/22/05
% Moisture.....: 8.0

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296070**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-745

General Chemistry

Lot-Sample #...: A5J220188-045 **Work Order #...:** HNE0W **Matrix.....:** SO
Date Sampled...: 10/21/05 10:15 **Date Received..:** 10/22/05
% Moisture.....: 4.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**95.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/29-10/31/05**	**5302122**
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-746

General Chemistry

Lot-Sample #...: A5J220188-046 **Work Order #...:** HNE0X **Matrix.....:** SO
Date Sampled...: 10/21/05 10:25 **Date Received..:** 10/22/05
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**85.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/29-10/31/05**	**5302123**
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-747

General Chemistry

Lot-Sample #...: A5J220188-047 **Work Order #...:** HNE00 **Matrix.....:** SO
Date Sampled...: 10/21/05 10:25 **Date Received..:** 10/22/05
% Moisture.....: 9.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/29-10/31/05**	**5302123**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-748

General Chemistry

Lot-Sample #...: A5J220188-048 **Work Order #...:** HNE01 **Matrix.....:** SO
Date Sampled...: 10/21/05 10:25 **Date Received..:** 10/22/05
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**85.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/29-10/31/05**	**5302123**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-749

General Chemistry

Lot-Sample #...: A5J220188-049 **Work Order #...:** HNE02 **Matrix.....:** SO
Date Sampled...: 10/21/05 10:25 **Date Received..:** 10/22/05
% Moisture.....: 19

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**81.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/29-10/31/05**	**5302123**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-750

General Chemistry

Lot-Sample #...: A5J220188-050 **Work Order #...:** HNE03 **Matrix.....:** SO
Date Sampled...: 10/21/05 10:35 **Date Received..:** 10/22/05
% Moisture.....: 8.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/29-10/31/05**	**5302123**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-751

General Chemistry

Lot-Sample #...: A5J220188-051 **Work Order #...:** HNE04 **Matrix.....:** SO
Date Sampled...: 10/21/05 10:45 **Date Received..:** 10/22/05
% Moisture.....: 8.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296070**
	Dilution Factor: 1			MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-752

General Chemistry

Lot-Sample #...: A5J220188-052 **Work Order #...:** HNE07 **Matrix.....:** SO
Date Sampled...: 10/21/05 10:45 **Date Received..:** 10/22/05
% Moisture.....: 6.9

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296070**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-753

General Chemistry

Lot-Sample #...: A5J220188-053 **Work Order #...:** HNE08 **Matrix.....:** SO
Date Sampled...: 10/21/05 10:45 **Date Received..:** 10/22/05
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**89.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296070**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-754

General Chemistry

Lot-Sample #...: A5J220188-054 **Work Order #...:** HNE09 **Matrix.....:** SO
Date Sampled...: 10/21/05 10:55 **Date Received..:** 10/22/05
% Moisture.....: 8.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296070**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-755

General Chemistry

Lot-Sample #...: A5J220188-055 **Work Order #...:** HNE1A **Matrix.....:** SO
Date Sampled...: 10/21/05 10:55 **Date Received..:** 10/22/05
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**83.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296070**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-756

General Chemistry

Lot-Sample #...: A5J220188-056 **Work Order #...:** HNE1C **Matrix.....:** SO
Date Sampled...: 10/21/05 10:55 **Date Received..:** 10/22/05
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**86.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296070**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-757

General Chemistry

Lot-Sample #...: A5J220188-057 **Work Order #...:** HNE1D **Matrix.....:** SO
Date Sampled...: 10/21/05 10:55 **Date Received..:** 10/22/05
% Moisture.....: 17

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**83.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296070**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-758

General Chemistry

Lot-Sample #...: A5J220188-058 **Work Order #...:** HNE1E **Matrix.....:** SO
Date Sampled...: 10/21/05 11:05 **Date Received..:** 10/22/05
% Moisture.....: 8.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296070**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-759

General Chemistry

Lot-Sample #...: A5J220188-059 **Work Order #...:** HNE1F **Matrix.....:** SO
Date Sampled...: 10/21/05 11:05 **Date Received..:** 10/22/05
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**88.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296070**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-760

General Chemistry

Lot-Sample #...: A5J220188-060 **Work Order #...:** HNE1G **Matrix.....:** SO
Date Sampled...: 10/21/05 11:05 **Date Received..:** 10/22/05
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**84.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296070**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-761

General Chemistry

Lot-Sample #...: A5J220188-061 **Work Order #...:** HNE1H **Matrix.....:** SO
Date Sampled...: 10/21/05 11:05 **Date Received..:** 10/22/05
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**86.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296070**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-762

General Chemistry

Lot-Sample #...: A5J220188-062 **Work Order #...:** HNE1J **Matrix.....:** SO
Date Sampled...: 10/21/05 11:15 **Date Received..:** 10/22/05
% Moisture.....: 4.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**95.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296070**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-763

General Chemistry

Lot-Sample #...: A5J220188-063 **Work Order #...:** HNE1K **Matrix.....:** SO
Date Sampled...: 10/21/05 11:15 **Date Received..:** 10/22/05
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**89.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296070**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-764

General Chemistry

Lot-Sample #...: A5J220188-064 **Work Order #...:** HNE1L **Matrix.....:** SO
Date Sampled...: 10/21/05 11:15 **Date Received..:** 10/22/05
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**84.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296070**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-765

General Chemistry

Lot-Sample #...: A5J220188-065 **Work Order #...:** HNE1M **Matrix.....:** SO
Date Sampled...: 10/21/05 11:15 **Date Received..:** 10/22/05
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**85.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296071**
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-766

General Chemistry

Lot-Sample #...: A5J220188-066 **Work Order #...:** HNE1N **Matrix.....:** SO
Date Sampled...: 10/21/05 11:25 **Date Received..:** 10/22/05
% Moisture.....: 9.5

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296071**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-767

General Chemistry

Lot-Sample #...: A5J220188-067 **Work Order #...:** HNE1P **Matrix.....:** SO
Date Sampled...: 10/21/05 11:25 **Date Received..:** 10/22/05
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**86.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296071**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-768

General Chemistry

Lot-Sample #...: A5J220188-068 **Work Order #...:** HNE1Q **Matrix.....:** SO
Date Sampled...: 10/21/05 11:25 **Date Received..:** 10/22/05
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**87.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296071**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-769

General Chemistry

Lot-Sample #...: A5J220188-069 **Work Order #...:** HNE1R **Matrix.....:** SO
Date Sampled...: 10/21/05 11:25 **Date Received..:** 10/22/05
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**88.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296071**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-770

General Chemistry

Lot-Sample #...: A5J220188-070 **Work Order #...:** HNE1T **Matrix.....:** SO
Date Sampled...: 10/21/05 11:35 **Date Received..:** 10/22/05
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**88.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296071**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-771

General Chemistry

Lot-Sample #...: A5J220188-071 **Work Order #...:** HNE1V **Matrix.....:** SO
Date Sampled...: 10/21/05 11:35 **Date Received..:** 10/22/05
% Moisture.....: 17

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**82.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296071**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-772

General Chemistry

Lot-Sample #...: A5J220188-072 **Work Order #...:** HNE1W **Matrix.....:** SO
Date Sampled...: 10/21/05 11:35 **Date Received..:** 10/22/05
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**84.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296071**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-102105-SSH-773

General Chemistry

Lot-Sample #...: A5J220188-073 **Work Order #...:** HNE10 **Matrix.....:** SO
Date Sampled...: 10/21/05 11:35 **Date Received..:** 10/22/05
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**87.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/23-10/24/05**	**5296071**

Dilution Factor: 1 MDL.....: 10.0

QUALITY CONTROL SECTION

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNE2E1AA **Matrix.....:** SOLID
MB Lot-Sample #: A5J220000-134

Prep Date.....: 10/23/05
Analysis Date..: 10/25/05 **Prep Batch #...:** 5295134
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	91	(10 - 127)
Decachlorobiphenyl	92	(40 - 138)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNE2L1AA **Matrix.....:** SOLID
MB Lot-Sample #: A5J220000-135

Prep Date.....: 10/23/05
Analysis Date..: 10/25/05 **Prep Batch #...:** 5295135
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87	(10 - 127)
Decachlorobiphenyl	100	(40 - 138)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNFQG1AA **Matrix.....:** SOLID
MB Lot-Sample #: A5J240000-032

Prep Date.....: 10/24/05
Analysis Date..: 10/26/05 **Prep Batch #...:** 5297032
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	72	(10 - 127)
Decachlorobiphenyl	86	(40 - 138)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNFQL1AA **Matrix.....:** SOLID
MB Lot-Sample #: A5J240000-036

Prep Date.....: 10/24/05
Analysis Date..: 10/26/05 **Prep Batch #...:** 5297036
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	125	(10 - 127)
Decachlorobiphenyl	132	(40 - 138)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNXPX1AA **Matrix.....:** SOLID
MB Lot-Sample #: A5J290000-012

Prep Date.....: 10/29/05
Analysis Date..: 10/31/05 **Prep Batch #...:** 5302012
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(10 - 127)
Decachlorobiphenyl	76	(40 - 138)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNXP01AA **Matrix.....:** SOLID
MB Lot-Sample #: A5J290000-013

Prep Date.....: 10/29/05
Analysis Date..: 11/01/05 **Prep Batch #...:** 5302013
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	100	(10 - 127)
Decachlorobiphenyl	100	(40 - 138)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNE2E1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5J220000-134
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295134
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**270**	**ug/kg**	**82**	**SW846 8082**
Aroclor 1260	**330**	**320**	**ug/kg**	**96**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	99	(10 - 127)
Decachlorobiphenyl	96	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNE2E1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5J220000-134
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295134
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**82**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**96**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	99	(10 - 127)
Decachlorobiphenyl	96	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNE2L1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5J220000-135
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295135
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**310**	**ug/kg**	**93**	**SW846 8082**
Aroclor 1260	**330**	**340**	**ug/kg**	**103**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	96	(10 - 127)
Decachlorobiphenyl	108	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNE2L1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5J220000-135
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295135
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**93**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**103**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	96	(10 - 127)
Decachlorobiphenyl	108	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNFQG1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5J240000-032
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297032
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**210**	**ug/kg**	**63**	**SW846 8082**
Aroclor 1260	**330**	**250**	**ug/kg**	**76**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	61	(10 - 127)
Decachlorobiphenyl	77	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNFQG1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5J240000-032
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297032
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**63**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**76**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	61	(10 - 127)
Decachlorobiphenyl	77	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNFQL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5J240000-036
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297036
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**380**	**ug/kg**	**114**	**SW846 8082**
Aroclor 1260	**330**	**400**	**ug/kg**	**121**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	123	(10 - 127)
Decachlorobiphenyl	130	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNFQL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5J240000-036
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297036
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**114**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**121**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	123	(10 - 127)
Decachlorobiphenyl	130	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNXPX1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5J290000-012
Prep Date.....: 10/29/05 **Analysis Date..:** 10/31/05
Prep Batch #...: 5302012
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**330**	**ug/kg**	**98**	**SW846 8082**
Aroclor 1260	**330**	**310**	**ug/kg**	**93**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	104	(10 - 127)
Decachlorobiphenyl	82	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNXPX1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5J290000-012
Prep Date.....: 10/29/05 **Analysis Date..:** 10/31/05
Prep Batch #...: 5302012
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**98**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**93**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	104	(10 - 127)
Decachlorobiphenyl	82	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNXP01AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5J290000-013
Prep Date.....: 10/29/05 **Analysis Date..:** 11/01/05
Prep Batch #...: 5302013
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**260**	**ug/kg**	**78**	**SW846 8082**
Aroclor 1260	**330**	**280**	**ug/kg**	**83**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	88	(10 - 127)
Decachlorobiphenyl	91	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNXP01AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5J290000-013
Prep Date.....: 10/29/05 **Analysis Date..:** 11/01/05
Prep Batch #...: 5302013
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**78**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**83**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	88	(10 - 127)
Decachlorobiphenyl	91	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNEW61AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5J220188-005 HNEW61AE-MSD
Date Sampled...: 10/21/05 08:25 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295134
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**370**	**630**	**ug/kg**	**170**		**SW846 8082**
	ND	**370**	**640**	**ug/kg**	**172**	**1.3**	**SW846 8082**
Aroclor 1260	**ND**	**370**	**660**	**ug/kg**	**178**		**SW846 8082**
	ND	**370**	**750**	**ug/kg**	**200**	**12**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	64	(10 - 127)
	63	(10 - 127)
Decachlorobiphenyl	199 *	(40 - 138)
	200 *	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNEW61AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5J220188-005 HNEW61AE-MSD
Date Sampled...: 10/21/05 08:25 **Date Received..:** 10/22/05
Prep Date.....: 10/23/05 **Analysis Date..:** 10/25/05
Prep Batch #...: 5295134
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**170**	**(10 - 200)**			**SW846 8082**
	172	**(10 - 200)**	**1.3**	**(0-30)**	**SW846 8082**
Aroclor 1260	**178**	**(10 - 200)**			**SW846 8082**
	200	**(10 - 200)**	**12**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	64	(10 - 127)
	63	(10 - 127)
Decachlorobiphenyl	199 *	(40 - 138)
	200 *	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNE071AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5J220188-052 HNE071AE-MSD
Date Sampled...: 10/21/05 10:45 **Date Received..:** 10/22/05
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297032
Dilution Factor: 5

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**360**	**310**	**ug/kg**	**88 DIL**		**SW846 8082**
	ND	**360**	**280**	**ug/kg**	**79 DIL**	**11**	**SW846 8082**
Aroclor 1260	**ND**	**360**	**2500**	**ug/kg**	**699**		**SW846 8082**
	Qualifiers: DIL,a						
	ND	**360**	**960**	**ug/kg**	**270**	**88**	**SW846 8082**
	Qualifiers: DIL,a,p						

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	75 DIL	(10 - 127)
	73 DIL	(10 - 127)
Decachlorobiphenyl	97 DIL	(40 - 138)
	108 DIL	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNE071AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5J220188-052 HNE071AE-MSD
Date Sampled...: 10/21/05 10:45 **Date Received..:** 10/22/05
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297032
Dilution Factor: 5

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**88 DIL**	**(10 - 200)**			**SW846 8082**
	79 DIL	**(10 - 200)**	**11**	**(0-30)**	**SW846 8082**
Aroclor 1260	**699 DIL,a**	**(10 - 200)**			**SW846 8082**
	270	**(10 - 200)**	**88**	**(0-30)**	**SW846 8082**

Qualifiers: DIL,a,p

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	75 DIL	(10 - 127)
	73 DIL	(10 - 127)
Decachlorobiphenyl	97 DIL	(40 - 138)
	108 DIL	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNE1V1AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5J220188-071 HNE1V1AE-MSD
Date Sampled...: 10/21/05 11:35 **Date Received..:** 10/22/05
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297036
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**400**	**220**	**ug/kg**	**56**		**SW846 8082**
	ND	**400**	**300**	**ug/kg**	**74**	**28**	**SW846 8082**
Aroclor 1260	**ND**	**400**	**220**	**ug/kg**	**54**		**SW846 8082**
	ND	**400**	**290**	**ug/kg**	**71**	**28**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	63	(10 - 127)
	78	(10 - 127)
Decachlorobiphenyl	71	(40 - 138)
	89	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNE1V1AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5J220188-071 HNE1V1AE-MSD
Date Sampled...: 10/21/05 11:35 **Date Received..:** 10/22/05
Prep Date.....: 10/24/05 **Analysis Date..:** 10/26/05
Prep Batch #...: 5297036
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**56**	**(10 - 200)**			**SW846 8082**
	74	**(10 - 200)**	**28**	**(0-30)**	**SW846 8082**
Aroclor 1260	**54**	**(10 - 200)**			**SW846 8082**
	71	**(10 - 200)**	**28**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	63	(10 - 127)
	78	(10 - 127)
Decachlorobiphenyl	71	(40 - 138)
	89	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNE0W1AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5J220188-045 HNE0W1AE-MSD
Date Sampled...: 10/21/05 10:15 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 10/31/05
Prep Batch #...: 5302012
Dilution Factor: 500

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**350**		**ug/kg**	**742**		**SW846 8082**
	Qualifiers:	DIL,a					
	ND	**350**	**4000**	**ug/kg**	**1150**	**43**	**SW846 8082**
	Qualifiers:	DIL,a,p					
Aroclor 1260	**130000**	**350**	**170000**	**ug/kg**	**11200**		**SW846 8082**
	Qualifiers:	DIL,a					
	130000	**350**	**230000**	**ug/kg**	**29000**	**31**	**SW846 8082**
	Qualifiers:	DIL,a,p					

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	138	(10 - 127)
Qualifiers:	DIL,*	
	250	(10 - 127)
Qualifiers:	DIL,*	
Decachlorobiphenyl	1370	(40 - 138)
Qualifiers:	DIL,*	
	611	(40 - 138)
Qualifiers:	DIL,*	

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNE0W1AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5J220188-045 HNE0W1AE-MSD
Date Sampled...: 10/21/05 10:15 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 10/31/05
Prep Batch #...: 5302012
Dilution Factor: 500

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**742 DIL,a**	**(10 - 200)**			**SW846 8082**
	1150	**(10 - 200)**	**43**	**(0-30)**	**SW846 8082**
	Qualifiers: DIL,a,p				
Aroclor 1260	**11200**	**(10 - 200)**			**SW846 8082**
	Qualifiers: DIL,a				
	29000	**(10 - 200)**	**31**	**(0-30)**	**SW846 8082**
	Qualifiers: DIL,a,p				

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	138	(10 - 127)
	Qualifiers: DIL,*	
	250	(10 - 127)
	Qualifiers: DIL,*	
Decachlorobiphenyl	1370	(40 - 138)
	Qualifiers: DIL,*	
	611	(40 - 138)
	Qualifiers: DIL,*	

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNEXC1AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5J220188-009 HNEXC1AE-MSD
Date Sampled...: 10/21/05 08:35 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 11/01/05
Prep Batch #...: 5302013
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**360**	**320**	**ug/kg**	**89**		**SW846 8082**
	ND	**360**	**340**	**ug/kg**	**95**	**5.9**	**SW846 8082**
Aroclor 1260	**ND**	**360**	**340**	**ug/kg**	**95**		**SW846 8082**
	ND	**360**	**370**	**ug/kg**	**104**	**8.9**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	91	(10 - 127)
	94	(10 - 127)
Decachlorobiphenyl	86	(40 - 138)
	98	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A5J220188 **Work Order #...:** HNEXC1AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5J220188-009 HNEXC1AE-MSD
Date Sampled...: 10/21/05 08:35 **Date Received..:** 10/22/05
Prep Date.....: 10/29/05 **Analysis Date..:** 11/01/05
Prep Batch #...: 5302013
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**89**	**(10 - 200)**			**SW846 8082**
	95	**(10 - 200)**	**5.9**	**(0-30)**	**SW846 8082**
Aroclor 1260	**95**	**(10 - 200)**			**SW846 8082**
	104	**(10 - 200)**	**8.9**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	91	(10 - 127)
	94	(10 - 127)
Decachlorobiphenyl	86	(40 - 138)
	98	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A5J220188 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids		Work Order #: HNHGT1AA		MB Lot-Sample #:	A5J230000-069	
	ND	10.0	%	MCAWW 160.3 MOD	10/23-10/24/05	5296069
		Dilution Factor: 1				
Percent Solids		Work Order #: HNHGW1AA		MB Lot-Sample #:	A5J230000-070	
	ND	10.0	%	MCAWW 160.3 MOD	10/23-10/24/05	5296070
		Dilution Factor: 1				
Percent Solids		Work Order #: HNHGX1AA		MB Lot-Sample #:	A5J230000-071	
	ND	10.0	%	MCAWW 160.3 MOD	10/23-10/24/05	5296071
		Dilution Factor: 1				
Percent Solids		Work Order #: HN0381AA		MB Lot-Sample #:	A5J290000-122	
	ND	10.0	%	MCAWW 160.3 MOD	10/29-10/31/05	5302122
		Dilution Factor: 1				
Percent Solids		Work Order #: HN0391AA		MB Lot-Sample #:	A5J290000-123	
	ND	10.0	%	MCAWW 160.3 MOD	10/29-10/31/05	5302123
		Dilution Factor: 1				

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5J220188 **Work Order #...:** HNEW6-SMP HNEW6-DUP **Matrix.....:** SO

Date Sampled...: 10/21/05 08:25 **Date Received..:** 10/22/05

% Moisture.....: 11

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5J220188-005		
	89.3	91.7	%	2.6	(0-20)	MCAWW 160.3 MOD	10/23-10/24/05	5296069

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5J220188 **Work Order #...:** HNE0M-SMP HNE0M-DUP **Matrix.....:** SO

Date Sampled...: 10/21/05 09:55 **Date Received..:** 10/22/05

% Moisture.....: 6.7

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5J220188-039		
	93.3	94.6	%	1.4	(0-20)	MCAWW 160.3 MOD	10/23-10/24/05	5296069

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5J220188 **Work Order #...:** HNE0C-SMP HNE0C-DUP **Matrix.....:** SO

Date Sampled...: 10/21/05 09:25 **Date Received..:** 10/22/05

% Moisture.....: 9.6

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5J220188-030		
	90.4	90.5	%	0.14	(0-20)	MCAWW 160.3 MOD	10/23-10/24/05	5296070

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5J220188 **Work Order #...:** HNE1L-SMP HNE1L-DUP **Matrix.....:** SO

Date Sampled...: 10/21/05 11:15 **Date Received..:** 10/22/05

% Moisture.....: 15

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5J220188-064		
	84.6	84.6	%	0.035	(0-20)	MCAWW 160.3 MOD	10/23-10/24/05	5296070

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5J220188 **Work Order #...:** HNE1M-SMP HNE1M-DUP **Matrix.....:** SO

Date Sampled...: 10/21/05 11:15 **Date Received..:** 10/22/05

% Moisture.....: 14

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5J220188-065		
	85.7	83.6	%	2.5	(0-20)	MCAWW 160.3 MOD	10/23-10/24/05	5296071

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5J220188 **Work Order #...:** HNEWV-SMP HNEWV-DUP **Matrix.....:** SO

Date Sampled...: 10/21/05 08:15 **Date Received..:** 10/22/05

% Moisture.....: 6.6

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5J220188-001		
	93.4	92.0	%	1.5	(0-20)	MCAWW 160.3 MOD	10/29-10/31/05	5302122

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5J220188 **Work Order #...:** HNE0W-SMP HNE0W-DUP **Matrix.....:** SO

Date Sampled...: 10/21/05 10:15 **Date Received..:** 10/22/05

% Moisture.....: 4.3

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5J220188-045		
	95.7	94.9	%	0.81	(0-20)	MCAWW 160.3 MOD	10/29-10/31/05	5302122

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5J220188 **Work Order #...:** HNE0X-SMP **Matrix.....:** SO
HNE0X-DUP
Date Sampled...: 10/21/05 10:25 **Date Received..:** 10/22/05
% Moisture.....: 14

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5J220188-046		
	85.7	86.9	%	1.4	(0-20)	MCAWW 160.3 MOD	10/29-10/31/05	5302123

Dilution Factor: 1

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

204

PAGE 1 OF 5

ID # N° 02312

SSOW Ref. Code: E131009

Required Client Information:

Company: CRA, Inc.	Report To: Mike Tomka
Address:	Copy To: Paul Wiseman
1496 Sheldon Rd SE 200	Invoice To: Mike Tomka
Plymouth MI 48170	P.O.:
Phone: 734-453-5127	Project Name: CMPT SMCO
Fax: -5201	Project Number: 17025-30-02
Email: craworld.com	

Laboratory:	STL
Laboratory Location:	North Canton, OH
Laboratory Contact:	Denise Heckler
Requested Due Date:	48 hours
TAT:	RUSH
QA/QC Requirements:	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Analysis and Method: PCBs	Remarks/Lab ID
S-102105-SSH-701	SO	10/21/05	815	1	X						X	(RUSH 48hrs) Hold
-702				1	X						X	Hold
-703				1	X						X	Hold
-704				1	X						X	Hold
-705			825	1	X						X	
-706				1	X						X	
-707				1	X						X	
-708			835	1	X						X	Hold
-709				1	X						X	Hold
-710				1	X						X	Hold
-711				1	X						X	Hold
-712			845	1	X						X	
-713				1	X						X	
-714				1	X						X	
-715				1	X						X	
TOTAL NUMBER OF CONTAINERS				15								

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	2	Steven S. Hoover / CRA	10/21/05	1700	[signature] STL	10/22/05	9:30
AIRBILL NO. 8526 7579 7142							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Steven S. Hoovereyer

Sampler Signature: [signature] Date: 10/21/05

STL North Canton

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

GM REALM
ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

205

PAGE 2 OF 5

ID # N° 02313

SSOW Ref. Code: E131009

quired Client Information:

npany: CRA, Inc	Report To: Mike Tomke
dress:	Copy To: Paul Wiseman
496 Sheldon Rd Ste 200	Invoice To: Mike Tomke
lymouth, MI 48170	P.O.:
one: 734-453-5123	Project Name: GMPT SMLO
c: -5201	Project Number: 17075-30-02
nail: cowworld.com	

Laboratory:	STL		
Laboratory Location:	North Canton, OH		
Laboratory Contact:	Denise Hedeker		
Requested Due Date:	48 hrs	TAT:	RUSH
QA/QC Requirements:			

Valid Matrix Codes:
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment
See Back for Additional Codes

mple Identification:

	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Analysis and Method: PCBs	Remarks/Lab ID
S-102105-SSH-716	SO	10/21/05	855	1	X						X	RUSH Hold
-717				1	X						X	Hold
-718				1	X						X	Hold
-719				1	X						X	
-720			905	1	X						X	
-721				1	X						X	
-722				1	X						X	
-723				1	X						X	
-724			915	1	X						X	
-725				1	X						X	
-726				1	X						X	
-727				1	X						X	
-728			925	1	X						X	
-729				1	X						X	
-730				1	X						X	
TOTAL NUMBER OF CONTAINERS				15								

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	2	Steven S. Howemeyer / CRA	10/21/05	1700	Thomas Maddux STL	10/22/05	9:30
AIRBILL NO. 8526 7579 7142							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Steven S Howemeyer

Sampler Signature: Steven S. Howemeyer Date: 10/21/05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV 0 (6/04)

STL North Canton

GM REALM
ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

206

PAGE 3 OF 5

ID # No: 02317

SSOW Ref. Code: E131009

Required Client Information:

Company: CRA, Inc	Report To: Mike Tonka
Address: 496 Sheldon Rd Ste 200	Copy To: Paul Wiseman
Plymouth, MI 48170	Invoice To: Mike Tonka
Phone: 734-453-5123	P.O.:
Fax: -5201	Project Name: GMPT SMCO
E-mail: crawoi.com	Project Number: 17075-30-02

Laboratory:	STL		
Laboratory Location:	North Canton, OH		
Laboratory Contact:	Denise Hughes		
Requested Due Date:	48 hrs	TAT:	RUSH
QA/QC Requirements:			

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Analysis and Method: PCBs	Remarks/Lab ID
S-102105-SSH-731	SO	10/21/05	925	1	X						X	RUSH
-732			935	1	X						X	Hold
-733				1	X						X	Hold
-734				1	X						X	Hold
-735				1	X						X	Hold
-736			945	1	X						X	Hold
-737				1	X						X	Hold
-738				1	X						X	Hold
-739			955	1	X						X	
-740				1	X						X	
-741				1	X						X	
-742				1	X						X	
-743			1005	1	X						X	
-744			1005	1	X						X	
-745MS/MSD			1015	3	X						X	Hold
			TOTAL NUMBER OF CONTAINERS	17								

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	2	Steven S. Howemeyer CRA	10/21/05	1700	Ann Maddux STL	10/22/05	9:30
AIRBILL NO.	8521 7579 7142						

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Steven S. Howemeyer

Sampler Signature: Steven S. Howemeyer Date: 10/21/05

STL North Canton

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6-04)

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

207

PAGE 4 OF 5

Required Client Information:

Company: CRA, Inc.	Report To: Mike Tonkin
Address:	Copy To: Paul Wiseman
1496 Sheldon Rd STE 200	Invoice To: Mike Tonkin
Plymouth, MI 48170	P.O.:
Phone: 734-453-5123	Project Name: GMPT SMCW
Fax: -5201	Project Number: 17075-30-02
Email: cawerb.com	

Laboratory:	STL
Laboratory Location:	North Canton OH
Laboratory Contact:	Archie Hendker
Requested Due Date: 48 hrs	TAT: RUSH
QA/QC Requirements:	

ID # N 02316

SSOW Ref. Code: E131009

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Preservative

Analysis and Method

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	PCBs	Remarks/Lab ID
S-102105-SSH-746	SO	10/21/05	1025	1	X						X	Hold RUSH
-747				1	X						X	Hold
-748				1	X						X	Hold
-749				1	X						X	Hold
-750			1035	1	X						X	Hold
-751			1045	1	X						X	
-752			1045	1	X						X	
-753			1045	1	X						X	
-754			1055	1	X						X	
-755				1	X						X	
-756				1	X						X	
-757				1	X						X	
-758			1105	1	X						X	
-759				1	X						X	
-760				1	X						X	
TOTAL NUMBER OF CONTAINERS				15								

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	2		10/21/05	1700	Ann Maddux STL	10/22/05	9:30am
AIRBILL NO. 8526 7579 7142							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Steven S. Hovermale

Sampler Signature: Date: 10/21/05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV: 0 (6/04)

STL North Canton

GM REALM
ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

208

PAGE 5 OF 5

ID # N° 02315

SSOW Ref. Code: E131009

Required Client Information:

Company: CRA, Inc.	Report To: Mike Tomka
Address: 496 Sheldon Rd Ste 200	Copy To: Paul Wiseman
Plymouth MI 48170	Invoice To: Mike Tomka
Phone: 734-453-5123	P.O.:
Fax: -5201	Project Name: GMPT SNCO
Email: cracworld.com	Project Number: 17075-30-02

Laboratory:	STL		
Laboratory Location:	North Canton, OH		
Laboratory Contact:	Denise Hughes		
Requested Due Date:	48 hrs	TAT:	RUSH
QA/QC Requirements:			

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Analysis and Method

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	PCBs	Remarks/Lab ID
S-102105-SSH-761	SO	10/21/05	1105	1	X						X	RUSH
-762			1115	1	X						X	
-763				1	X						X	
-764				1	X						X	
-765				1	X						X	
-766			1125	1	X						X	
-767				1	X						X	
-768				1	X						X	
-769				1	X						X	
-770			1135	1	X						X	
-771				1	X						X	batch complete
-772				1	X						X	
-773				1	X						X	
4.												
5.												
TOTAL NUMBER OF CONTAINERS				13	Total: 75							

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	2	Steven A. Mowery / CRA	10/21/05	1700	Ann Maddux STL	10/22/05	9:30
AIRBILL NO. 8526 7579 7142							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Steven S. Mowery

Sampler Signature: Steven S. Mowery Date: 10/21/05

STL North Canton

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV 0 (6/04)

STL Cooler Receipt Form/Narrative **Lot Number:** 455220188

North Canton Facility

Client: CRA Project: GMPT Smco Quote#: C398

Cooler Received on: 10/22/05 Opened on: 10/22/05 by: (Signature)

Fedx [X] Client Drop Off [ ] UPS [ ] DHL [ ] FAS [ ] STL Courier [ ]

Stetson [ ] US Cargo [ ] Other: _____

STL Cooler No# (SEE BACK) Foam Box [ ] Client Cooler [ ] Other _____

1. Were custody seals on the outside of the cooler? Yes [X] No [ ] Intact? Yes [X] No [ ] NA [ ]
   If YES, Quantity 2
   Were the custody seals signed and dated? Yes [X] No [ ] NA [ ]
2. Shipper's packing slip attached to this form? Yes [X] No [ ] NA [ ]
3. Did custody papers accompany the samples? Yes [X] No [ ] Relinquished by client? Yes [X] No [ ]
4. Did you sign the custody papers in the appropriate place? Yes [X] No [ ]
5. Packing material used: Bubble Wrap [X] Foam [ ] None [ ] Other: _____
6. Cooler temperature upon receipt _____ °C (see back of form for multiple coolers/temp)

METHOD: Temp Vial [ ] Coolant & Sample [ ] Against Bottles [ ] IR [X] ICE/H_2O Slurry [ ]

COOLANT: Wet Ice [X] Blue Ice [ ] Dry Ice [ ] Water [ ] None [ ]

7. Did all bottles arrive in good condition (Unbroken)? Yes [X] No [ ]
8. Could all bottle labels and/or tags be reconciled with the COC? Yes [X] No [ ]
9. Were samples at the correct pH? (record below/on back) Yes [ ] No [ ] NA [X]
10. Were correct bottles used for the tests indicated? Yes [X] No [ ]
11. Were air bubbles >6 mm in any VOA vials? Yes [ ] No [ ] NA [X]
12. Sufficient quantity received to perform indicated analyses? Yes [X] No [ ]
13. Was a Trip Blank present in the cooler? Yes [ ] No [X] Were VOAs on the COC? Yes [ ] No [X]
14. Does the trip blank number match the cooler number in which it was received? Yes [ ] No [ ] NA [X]

Contacted PM _____ Date: _____ by: _____ via Voice Mail [ ] Verbal [ ] Other [ ]

Concerning: _____

√	
	1. CHAIN OF CUSTODY
	The following discrepancies occurred: _____
	2. SAMPLE CONDITION
	Sample(s) _____ were received after the recommended holding time had expired.
	Sample(s) _____ were received in a broken container.
	3. SAMPLE PRESERVATION
	Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot #* 091305-*HNO3; Sulfuric Acid Lot #* 041305-*H2SO4; Sodium Hydroxide Lot #* -041305 -*NaOH; Hydrochloric Acid Lot #* 100504 *HCl; Sodium Hydroxide and Zinc Acetate Lot #* 071604 *CH3COO2ZN/NaOH*
	Sample(s) _____ were received with bubble > 6 mm in diameter (cc: PM)
	4. Other (see below or back)

Client ID	pH	Date	Initials

STL Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp	Method	Coolant
Client Cooler MT-712	2.0°C 3.8°C	FR	Wet Ice

Discrepancies Cont.

SEVERN TRENT STL

END OF REPORT

Table of Contents

Return to Navigator

SEVERN TRENT STL®

STL North Canton
4101 Shuffel Drive NW
North Canton, OH 44720

Tel: 330 497 9396 Fax: 330 497 0772
www.stl-inc.com

ANALYTICAL REPORT

PROJECT NO. 17075-30-02

GMPT SMCO SSOW #E131010

Lot #: A5K230202
SDG #: 5K23202

Paul Wiseman (PM)

Conestoga Rovers & Assoc., Inc
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

SEVERN TRENT LABORATORIES, INC.

Denise D. Heckler
Project Manager

December 13, 2005

CASE NARRATIVE

5K23202

The following report contains the analytical results for seventy-two solid samples submitted to STL North Canton by Conestoga-Rovers & Associates, Inc. from the GMPT SMCO SSOW #E131010 Site, project number 17075-30-02. The samples were received November 23, 2005, according to documented sample acceptance procedures.

This SDG consists of (1) laboratory ID's: A5K230202.

STL utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

STL North Canton attests to the validity of the laboratory data generated by STL facilities reported herein. All analyses performed by STL facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. STL's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by a dry weight adjustment footnote at the bottom of the analytical report page. The list of parameters which are never reported on a dry weight basis is included on the Sample Summary.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

If you have any questions, please call the Project Manager, Denise D. Heckler, at 734-205-2535.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT." The total number of pages in this report is 212.

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 3.0, 3.1, 3.5, 4.1, and 4.7°C.

CASE NARRATIVE (continued)

POLYCHLORINATED BIPHENYLS-8082

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

The matrix spike/matrix spike duplicate(s) for S-112205-SSH-812, S-112205-SSH-820 and S-112205-SSH-840 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

For sample(s) S-112205-SSH-805, S-112205-SSH-812, S-112205-SSH-813, S-112205-SSH-814, S-112205-SSH-815, S-112205-SSH-826, and the blank and LCS associated with batch(es) 5335450, 5335451, and 5336047, the recovery for one surrogate compound is outside acceptance criteria. Since the method criterion is that one of two surrogate compounds must meet acceptance criteria, no corrective action was required.

Sample(s) S-112205-SSH-816, S-112205-SSH-819, S-112205-SSH-824, S-112205-SSH-827, S-112205-SSH-832, S-112205-SSH-835, the blank and LCS associated with batch(es) 5335450, 5335451, and 5336047 were included in a bracket that failed the closing calibration standard two (2) consecutive times after successful opening standards. The second analyses for these samples have been reported.

GENERAL CHEMISTRY

The analytical results met the requirements of the laboratory's QA/QC program.

QUALITY CONTROL ELEMENTS OF SW-846 METHODS

STL North Canton conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. STL North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples. These QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. The only exception is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed below.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals
Methylene chloride	Phthalate Esters	Copper
Acetone		Iron
2-Butanone		Zinc
		Lead*

- *for analyses run on TJA Trace ICP, ICPMS or GFAA only*

QUALITY CONTROL ELEMENTS OF SW-846 METHODS
(Continued)

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable. The acceptance criteria do not apply to samples that are diluted for organics if the native sample amount is 4x the concentration of the spike.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepped and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepped and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide, PCB, and PAH methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria.

STL North Canton Certifications and Approvals:

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225), Illinois (#200004), Kansas (#E10336), Massachusetts (#M-OH048), Maryland (#272), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), North Carolina (#39702), Ohio (#6090), OhioVAP (#CL0024), Rhode Island (#237), South Carolina (#92007001, #92007002, #92007003), Tennessee (#02903), Utah (#QUAN9), Virginia (#00011), West Virginia (#210), Wisconsin (#999518190),NAVY, ARMY, USDA Soil Permit, ACIL Seal of Excellence – Participating Lab Status Award (#82)

Y:\Barb\STL headers\Qc846-Narrative_060204.doc, Revised06/02/04 DJL

EXECUTIVE SUMMARY - Detection Highlights

A5K230202

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-112205-SSH-801 11/22/05 08:00 001				
Aroclor 1242	250	35	ug/kg	SW846 8082
Aroclor 1260	28 J	35	ug/kg	SW846 8082
Percent Solids	95.2	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-802 11/22/05 08:00 002				
Aroclor 1242	3500	380	ug/kg	SW846 8082
Aroclor 1260	300 J	380	ug/kg	SW846 8082
Percent Solids	87.2	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-803 11/22/05 08:00 003				
Aroclor 1254	71	35	ug/kg	SW846 8082
Percent Solids	93.5	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-804 11/22/05 08:00 004				
Aroclor 1248	87	36	ug/kg	SW846 8082
Aroclor 1260	32 J	36	ug/kg	SW846 8082
Percent Solids	92.8	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-805 11/22/05 08:00 005				
Aroclor 1248	140	46	ug/kg	SW846 8082
Aroclor 1260	41 J	46	ug/kg	SW846 8082
Percent Solids	71.1	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-806 11/22/05 08:10 006				
Aroclor 1248	53000	3700	ug/kg	SW846 8082
Aroclor 1260	2500 J	3700	ug/kg	SW846 8082
Percent Solids	90.4	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-807 11/22/05 08:10 007				
Aroclor 1248	100	37	ug/kg	SW846 8082
Aroclor 1260	40	37	ug/kg	SW846 8082
Percent Solids	90.3	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A5K230202

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-112205-SSH-808 11/22/05 08:10 008				
Aroclor 1242	140	36	ug/kg	SW846 8082
Aroclor 1260	85	36	ug/kg	SW846 8082
Percent Solids	90.8	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-809 11/22/05 08:10 009				
Aroclor 1254	21 J	43	ug/kg	SW846 8082
Percent Solids	76.8	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-810 11/22/05 08:20 010				
Aroclor 1248	49000	3600	ug/kg	SW846 8082
Aroclor 1260	5300	3600	ug/kg	SW846 8082
Percent Solids	92.7	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-811 11/22/05 08:20 011				
Aroclor 1260	110	36	ug/kg	SW846 8082
Percent Solids	92.1	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-812 11/22/05 08:30 012				
Aroclor 1242	190	71	ug/kg	SW846 8082
Aroclor 1260	120	71	ug/kg	SW846 8082
Percent Solids	93.5	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-813 11/22/05 08:30 013				
Aroclor 1254	28 J	36	ug/kg	SW846 8082
Percent Solids	92.3	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-814 11/22/05 08:30 014				
Percent Solids	92.6	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-815 11/22/05 08:30 015				
Percent Solids	81.6	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A5K230202

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-112205-SSH-816 11/22/05 08:40 016				
Aroclor 1254	5.6 J	35	ug/kg	SW846 8082
Percent Solids	94.2	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-817 11/22/05 08:40 017				
Aroclor 1248	6200	740	ug/kg	SW846 8082
Aroclor 1260	3500	740	ug/kg	SW846 8082
Percent Solids	89.4	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-818 11/22/05 08:40 018				
Aroclor 1248	200	38	ug/kg	SW846 8082
Aroclor 1260	150	38	ug/kg	SW846 8082
Percent Solids	87.3	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-819 11/22/05 08:40 019				
Percent Solids	83.3	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-820 11/22/05 08:50 020				
Aroclor 1248	6800	710	ug/kg	SW846 8082
Aroclor 1260	10000	710	ug/kg	SW846 8082
Percent Solids	92.8	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-821 11/22/05 08:50 021				
Aroclor 1242	170	38	ug/kg	SW846 8082
Aroclor 1260	56	38	ug/kg	SW846 8082
Percent Solids	87.3	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-822 11/22/05 08:50 022				
Aroclor 1248	52	38	ug/kg	SW846 8082
Aroclor 1260	26 J	38	ug/kg	SW846 8082
Percent Solids	87.4	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-823 11/22/05 08:50 023				
Percent Solids	82.8	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A5K230202

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-112205-SSH-824 11/22/05 09:00 024				
Aroclor 1248	49	36	ug/kg	SW846 8082
Aroclor 1260	24 J	36	ug/kg	SW846 8082
Percent Solids	91.6	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-825 11/22/05 09:00 025				
Aroclor 1248	4300	780	ug/kg	SW846 8082
Aroclor 1260	1000	780	ug/kg	SW846 8082
Percent Solids	84.8	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-826 11/22/05 09:00 026				
Aroclor 1248	46	37	ug/kg	SW846 8082
Percent Solids	88.5	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-827 11/22/05 09:00 027				
Percent Solids	78.8	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-828 11/22/05 09:10 028				
Aroclor 1248	8600	770	ug/kg	SW846 8082
Aroclor 1260	1600	770	ug/kg	SW846 8082
Percent Solids	85.8	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-829 11/22/05 09:10 029				
Aroclor 1248	60000	4000	ug/kg	SW846 8082
Aroclor 1260	6900	4000	ug/kg	SW846 8082
Percent Solids	82.7	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-830 11/22/05 09:10 030				
Aroclor 1248	900	190	ug/kg	SW846 8082
Aroclor 1260	180 J	190	ug/kg	SW846 8082
Percent Solids	86.0	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-831 11/22/05 09:10 031				
Percent Solids	81.0	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A5K230202

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-112205-SSH-832 11/22/05 09:20 032				
Aroclor 1248	110	37	ug/kg	SW846 8082
Aroclor 1260	23 J	37	ug/kg	SW846 8082
Percent Solids	89.8	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-833 11/22/05 09:20 033				
Aroclor 1248	63	37	ug/kg	SW846 8082
Aroclor 1260	37	37	ug/kg	SW846 8082
Percent Solids	88.9	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-834 11/22/05 09:20 034				
Aroclor 1248	83	37	ug/kg	SW846 8082
Aroclor 1260	45	37	ug/kg	SW846 8082
Percent Solids	88.7	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-835 11/22/05 09:20 035				
Percent Solids	79.1	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-836 11/22/05 09:30 036				
Aroclor 1248	41	36	ug/kg	SW846 8082
Aroclor 1260	19 J	36	ug/kg	SW846 8082
Percent Solids	90.8	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-837 11/22/05 09:30 037				
Aroclor 1248	360	76	ug/kg	SW846 8082
Aroclor 1260	300	76	ug/kg	SW846 8082
Percent Solids	87.1	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-838 11/22/05 09:30 038				
Aroclor 1248	660	72	ug/kg	SW846 8082
Aroclor 1260	620	72	ug/kg	SW846 8082
Percent Solids	92.3	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-839 11/22/05 09:30 039				
Aroclor 1248	53	41	ug/kg	SW846 8082
Aroclor 1260	15 J	41	ug/kg	SW846 8082
Percent Solids	80.7	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A5K230202

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-112205-SSH-840 11/22/05 09:40 040				
Aroclor 1248	710	180	ug/kg	SW846 8082
Aroclor 1260	1300	180	ug/kg	SW846 8082
Percent Solids	89.4	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-841 11/22/05 09:40 041				
Aroclor 1248	440	71	ug/kg	SW846 8082
Aroclor 1260	740	71	ug/kg	SW846 8082
Percent Solids	92.8	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-842 11/22/05 09:50 042				
Aroclor 1248	140	36	ug/kg	SW846 8082
Aroclor 1260	83	36	ug/kg	SW846 8082
Percent Solids	91.7	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-843 11/22/05 09:50 043				
Aroclor 1248	65	35	ug/kg	SW846 8082
Aroclor 1260	35	35	ug/kg	SW846 8082
Percent Solids	93.2	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-844 11/22/05 09:50 044				
Aroclor 1248	640	180	ug/kg	SW846 8082
Aroclor 1260	1900	180	ug/kg	SW846 8082
Percent Solids	92.1	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-845 11/22/05 09:50 045				
Aroclor 1254	3600	400	ug/kg	SW846 8082
Percent Solids	82.4	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-846 11/22/05 10:00 046				
Aroclor 1248	4800	370	ug/kg	SW846 8082
Aroclor 1260	770	370	ug/kg	SW846 8082
Percent Solids	90.1	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A5K230202

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-112205-SSH-847 11/22/05 10:00 047				
Aroclor 1260	28000	1800	ug/kg	SW846 8082
Percent Solids	92.7	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-848 11/22/05 10:00 048				
Aroclor 1254	130000	7500	ug/kg	SW846 8082
Percent Solids	87.4	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-849 11/22/05 10:00 049				
Aroclor 1254	140	41	ug/kg	SW846 8082
Percent Solids	81.1	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-850 11/22/05 10:10 050				
Aroclor 1260	9700	780	ug/kg	SW846 8082
Percent Solids	84.6	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-851 11/22/05 10:10 051				
Aroclor 1254	85	36	ug/kg	SW846 8082
Percent Solids	92.1	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-852 11/22/05 10:10 052				
Aroclor 1254	13000	1900	ug/kg	SW846 8082
Percent Solids	87.6	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-853 11/22/05 10:10 053				
Aroclor 1254	45	41	ug/kg	SW846 8082
Percent Solids	80.6	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-854 11/22/05 10:20 054				
Percent Solids	77.2	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-855 11/22/05 10:20 055				
Aroclor 1260	8200	710	ug/kg	SW846 8082
Percent Solids	92.7	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A5K230202

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-112205-SSH-856 11/22/05 10:20 056				
Aroclor 1254	1900	190	ug/kg	SW846 8082
Percent Solids	88.0	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-857 11/22/05 10:20 057				
Percent Solids	82.1	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-862 11/22/05 10:40 062				
Aroclor 1248	570	35	ug/kg	SW846 8082
Aroclor 1260	460	35	ug/kg	SW846 8082
Percent Solids	94.4	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-863 11/22/05 10:40 063				
Aroclor 1248	110	39	ug/kg	SW846 8082
Aroclor 1260	16 J	39	ug/kg	SW846 8082
Percent Solids	85.5	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-864 11/22/05 10:40 064				
Aroclor 1248	320	80	ug/kg	SW846 8082
Aroclor 1260	810	80	ug/kg	SW846 8082
Percent Solids	82.2	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-865 11/22/05 10:40 065				
Percent Solids	78.1	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-876 11/22/05 11:20 076				
Aroclor 1248	980	68	ug/kg	SW846 8082
Aroclor 1260	800	68	ug/kg	SW846 8082
Percent Solids	96.6	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-877 11/22/05 11:20 077				
Percent Solids	96.3	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A5K230202

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-112205-SSH-878 11/22/05 11:20 078				
Aroclor 1260	21 J	36	ug/kg	SW846 8082
Percent Solids	91.3	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-879 11/22/05 11:20 079				
Aroclor 1254	35 J	41	ug/kg	SW846 8082
Percent Solids	81.5	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-887 11/22/05 11:50 087				
Aroclor 1248	2500	180	ug/kg	SW846 8082
Aroclor 1260	1500	180	ug/kg	SW846 8082
Percent Solids	90.9	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-888 11/22/05 11:50 088				
Aroclor 1260	14 J	36	ug/kg	SW846 8082
Percent Solids	92.6	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-889 11/22/05 11:50 089				
Aroclor 1248	45	38	ug/kg	SW846 8082
Aroclor 1260	10 J	38	ug/kg	SW846 8082
Percent Solids	87.5	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-894 11/22/05 12:10 094				
Aroclor 1248	45	36	ug/kg	SW846 8082
Aroclor 1260	26 J	36	ug/kg	SW846 8082
Percent Solids	91.4	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-895 11/22/05 12:10 095				
Aroclor 1254	35 J	40	ug/kg	SW846 8082
Percent Solids	83.4	10.0	%	MCAWW 160.3 MOD
S-112205-SSH-896 11/22/05 12:10 096				
Aroclor 1248	470	74	ug/kg	SW846 8082
Aroclor 1260	350	74	ug/kg	SW846 8082
Percent Solids	89.7	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A5K230202

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-112205-SSH-897 11/22/05 12:10 097				
Aroclor 1248	71	40	ug/kg	SW846 8082
Percent Solids	81.9	10.0	%	MCAWW 160.3 MOD

ANALYTICAL METHODS SUMMARY

A5K230202

PARAMETER	ANALYTICAL METHOD
PCBs by SW-846 8082	SW846 8082
Total Residue as Percent Solids	MCAWW 160.3 MOD

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A5K230202

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HQVJ3	001	S-112205-SSH-801	11/22/05	08:00
HQVJ9	002	S-112205-SSH-802	11/22/05	08:00
HQVK9	003	S-112205-SSH-803	11/22/05	08:00
HQVLL	004	S-112205-SSH-804	11/22/05	08:00
HQVLM	005	S-112205-SSH-805	11/22/05	08:00
HQVLN	006	S-112205-SSH-806	11/22/05	08:10
HQVLR	007	S-112205-SSH-807	11/22/05	08:10
HQVLV	008	S-112205-SSH-808	11/22/05	08:10
HQVL2	009	S-112205-SSH-809	11/22/05	08:10
HQVL5	010	S-112205-SSH-810	11/22/05	08:20
HQVML	011	S-112205-SSH-811	11/22/05	08:20
HQVMN	012	S-112205-SSH-812	11/22/05	08:30
HQVNF	013	S-112205-SSH-813	11/22/05	08:30
HQVNG	014	S-112205-SSH-814	11/22/05	08:30
HQVNK	015	S-112205-SSH-815	11/22/05	08:30
HQVNN	016	S-112205-SSH-816	11/22/05	08:40
HQVNW	017	S-112205-SSH-817	11/22/05	08:40
HQVN5	018	S-112205-SSH-818	11/22/05	08:40
HQVN7	019	S-112205-SSH-819	11/22/05	08:40
HQVN8	020	S-112205-SSH-820	11/22/05	08:50
HQVQP	021	S-112205-SSH-821	11/22/05	08:50
HQVRL	022	S-112205-SSH-822	11/22/05	08:50
HQVRN	023	S-112205-SSH-823	11/22/05	08:50
HQVRQ	024	S-112205-SSH-824	11/22/05	09:00
HQVR1	025	S-112205-SSH-825	11/22/05	09:00
HQVR3	026	S-112205-SSH-826	11/22/05	09:00
HQVR4	027	S-112205-SSH-827	11/22/05	09:00
HQVR6	028	S-112205-SSH-828	11/22/05	09:10
HQVR9	029	S-112205-SSH-829	11/22/05	09:10
HQVTA	030	S-112205-SSH-830	11/22/05	09:10
HQVTC	031	S-112205-SSH-831	11/22/05	09:10
HQVTE	032	S-112205-SSH-832	11/22/05	09:20
HQVTG	033	S-112205-SSH-833	11/22/05	09:20
HQVTH	034	S-112205-SSH-834	11/22/05	09:20
HQVTP	035	S-112205-SSH-835	11/22/05	09:20
HQVTR	036	S-112205-SSH-836	11/22/05	09:30

(Continued on next page)

SAMPLE SUMMARY

A5K230202

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HQVTW	037	S-112205-SSH-837	11/22/05	09:30
HQVT0	038	S-112205-SSH-838	11/22/05	09:30
HQVT2	039	S-112205-SSH-839	11/22/05	09:30
HQVT5	040	S-112205-SSH-840	11/22/05	09:40
HQVT7	041	S-112205-SSH-841	11/22/05	09:40
HQVT9	042	S-112205-SSH-842	11/22/05	09:50
HQVVE	043	S-112205-SSH-843	11/22/05	09:50
HQVVG	044	S-112205-SSH-844	11/22/05	09:50
HQVVJ	045	S-112205-SSH-845	11/22/05	09:50
HQVVL	046	S-112205-SSH-846	11/22/05	10:00
HQVVN	047	S-112205-SSH-847	11/22/05	10:00
HQVVQ	048	S-112205-SSH-848	11/22/05	10:00
HQVVR	049	S-112205-SSH-849	11/22/05	10:00
HQVVX	050	S-112205-SSH-850	11/22/05	10:10
HQVV2	051	S-112205-SSH-851	11/22/05	10:10
HQVV8	052	S-112205-SSH-852	11/22/05	10:10
HQVV9	053	S-112205-SSH-853	11/22/05	10:10
HQVWA	054	S-112205-SSH-854	11/22/05	10:20
HQVWE	055	S-112205-SSH-855	11/22/05	10:20
HQVWG	056	S-112205-SSH-856	11/22/05	10:20
HQVWH	057	S-112205-SSH-857	11/22/05	10:20
HQVW3	062	S-112205-SSH-862	11/22/05	10:40
HQVW4	063	S-112205-SSH-863	11/22/05	10:40
HQVW8	064	S-112205-SSH-864	11/22/05	10:40
HQVXC	065	S-112205-SSH-865	11/22/05	10:40
HQV0A	076	S-112205-SSH-876	11/22/05	11:20
HQV0C	077	S-112205-SSH-877	11/22/05	11:20
HQV0D	078	S-112205-SSH-878	11/22/05	11:20
HQV0F	079	S-112205-SSH-879	11/22/05	11:20
HQV01	087	S-112205-SSH-887	11/22/05	11:50
HQV07	088	S-112205-SSH-888	11/22/05	11:50
HQV09	089	S-112205-SSH-889	11/22/05	11:50
HQV1K	094	S-112205-SSH-894	11/22/05	12:10
HQV1N	095	S-112205-SSH-895	11/22/05	12:10
HQV1X	096	S-112205-SSH-896	11/22/05	12:10
HQV12	097	S-112205-SSH-897	11/22/05	12:10

(Continued on next page)

SAMPLE SUMMARY

A5K230202

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-801

GC Semivolatiles

Lot-Sample #...: A5K230202-001 **Work Order #...:** HQVJ31AC **Matrix.....:** SO
Date Sampled...: 11/22/05 08:00 **Date Received..:** 11/23/05
Prep Date.....: 11/23/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5327468
Dilution Factor: 1
% Moisture.....: 4.8 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	7.0
Aroclor 1221	ND	35	ug/kg	10
Aroclor 1232	ND	35	ug/kg	5.5
Aroclor 1242	**250**	**35**	**ug/kg**	**11**
Aroclor 1248	ND	35	ug/kg	5.0
Aroclor 1254	ND	35	ug/kg	4.5
Aroclor 1260	**28 J**	**35**	**ug/kg**	**8.4**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	86	(10 - 127)
Decachlorobiphenyl	86	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-802

GC Semivolatiles

Lot-Sample #...: A5K230202-002 **Work Order #...:** HQVJ91AC **Matrix.....:** SO
Date Sampled...: 11/22/05 08:00 **Date Received..:** 11/23/05
Prep Date.....: 11/23/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5327468
Dilution Factor: 10
% Moisture.....: 13 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	380	ug/kg	77
Aroclor 1221	ND	380	ug/kg	110
Aroclor 1232	ND	380	ug/kg	60
Aroclor 1242	**3500**	**380**	**ug/kg**	**110**
Aroclor 1248	ND	380	ug/kg	55
Aroclor 1254	ND	380	ug/kg	49
Aroclor 1260	**300 J**	**380**	**ug/kg**	**92**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	118 DIL	(10 - 127)
Decachlorobiphenyl	120 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-803

GC Semivolatiles

Lot-Sample #...: A5K230202-003 **Work Order #...:** HQVK91AC **Matrix.....:** SO
Date Sampled...: 11/22/05 08:00 **Date Received..:** 11/23/05
Prep Date.....: 11/23/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5327468
Dilution Factor: 1
% Moisture.....: 6.5 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	7.2
Aroclor 1221	ND	35	ug/kg	11
Aroclor 1232	ND	35	ug/kg	5.6
Aroclor 1242	ND	35	ug/kg	11
Aroclor 1248	ND	35	ug/kg	5.1
Aroclor 1254	**71**	**35**	**ug/kg**	**4.6**
Aroclor 1260	ND	35	ug/kg	8.6

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	101	(10 - 127)
Decachlorobiphenyl	97	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-804

GC Semivolatiles

Lot-Sample #...: A5K230202-004 **Work Order #...:** HQVLL1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 08:00 **Date Received..:** 11/23/05
Prep Date.....: 11/23/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5327468
Dilution Factor: 1
% Moisture.....: 7.2 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.2
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.6
Aroclor 1242	ND	36	ug/kg	11
Aroclor 1248	**87**	**36**	**ug/kg**	**5.2**
Aroclor 1254	ND	36	ug/kg	4.6
Aroclor 1260	**32 J**	**36**	**ug/kg**	**8.6**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	103	(10 - 127)
Decachlorobiphenyl	101	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-805

GC Semivolatiles

Lot-Sample #...: A5K230202-005 **Work Order #...:** HQVLM1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 08:00 **Date Received..:** 11/23/05
Prep Date.....: 11/23/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5327468
Dilution Factor: 1
% Moisture.....: 29 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	46	ug/kg	9.4
Aroclor 1221	ND	46	ug/kg	14
Aroclor 1232	ND	46	ug/kg	7.3
Aroclor 1242	ND	46	ug/kg	14
Aroclor 1248	**140**	**46**	**ug/kg**	**6.8**
Aroclor 1254	ND	46	ug/kg	6.1
Aroclor 1260	**41 J**	**46**	**ug/kg**	**11**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	109	(10 - 127)
Decachlorobiphenyl	247 *	(40 - 138)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-806

GC Semivolatiles

Lot-Sample #...: A5K230202-006 **Work Order #...:** HQVLN1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 08:10 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329148
Dilution Factor: 100
% Moisture.....: 9.6 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	3700	ug/kg	740
Aroclor 1221	ND	3700	ug/kg	1100
Aroclor 1232	ND	3700	ug/kg	580
Aroclor 1242	ND	3700	ug/kg	1100
Aroclor 1248	**53000**	**3700**	**ug/kg**	**530**
Aroclor 1254	ND	3700	ug/kg	480
Aroclor 1260	**2500 J**	**3700**	**ug/kg**	**890**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	139 DIL,*	(10 - 127)
Decachlorobiphenyl	206 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-807

GC Semivolatiles

Lot-Sample #...: A5K230202-007 **Work Order #...:** HQVLR1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 08:10 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329148
Dilution Factor: 1
% Moisture.....: 9.7 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	7.4
Aroclor 1221	ND	37	ug/kg	11
Aroclor 1232	ND	37	ug/kg	5.8
Aroclor 1242	ND	37	ug/kg	11
Aroclor 1248	**100**	**37**	**ug/kg**	**5.3**
Aroclor 1254	ND	37	ug/kg	4.8
Aroclor 1260	**40**	**37**	**ug/kg**	**8.9**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	65	(10 - 127)
Decachlorobiphenyl	61	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-808

GC Semivolatiles

Lot-Sample #...: A5K230202-008 **Work Order #...:** HQVLV1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 08:10 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329148
Dilution Factor: 1
% Moisture.....: 9.2 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.4
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.7
Aroclor 1242	**140**	**36**	**ug/kg**	**11**
Aroclor 1248	ND	36	ug/kg	5.3
Aroclor 1254	ND	36	ug/kg	4.7
Aroclor 1260	**85**	**36**	**ug/kg**	**8.8**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	77	(10 - 127)
Decachlorobiphenyl	74	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-809

GC Semivolatiles

Lot-Sample #...: A5K230202-009 **Work Order #...:** HQVL21AC **Matrix.....:** SO
Date Sampled...: 11/22/05 08:10 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329148
Dilution Factor: 1
% Moisture.....: 23 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	43	ug/kg	8.7
Aroclor 1221	ND	43	ug/kg	13
Aroclor 1232	ND	43	ug/kg	6.8
Aroclor 1242	ND	43	ug/kg	13
Aroclor 1248	ND	43	ug/kg	6.2
Aroclor 1254	**21 J**	**43**	**ug/kg**	**5.6**
Aroclor 1260	ND	43	ug/kg	10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78	(10 - 127)
Decachlorobiphenyl	64	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-810

GC Semivolatiles

Lot-Sample #...: A5K230202-010 **Work Order #...:** HQVL51AC **Matrix.....:** SO
Date Sampled...: 11/22/05 08:20 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329148
Dilution Factor: 100
% Moisture.....: 7.3 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	3600	ug/kg	720
Aroclor 1221	ND	3600	ug/kg	1100
Aroclor 1232	ND	3600	ug/kg	560
Aroclor 1242	ND	3600	ug/kg	1100
Aroclor 1248	**49000**	**3600**	**ug/kg**	**520**
Aroclor 1254	ND	3600	ug/kg	460
Aroclor 1260	**5300**	**3600**	**ug/kg**	**860**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	125 DIL	(10 - 127)
Decachlorobiphenyl	319 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-811

GC Semivolatiles

Lot-Sample #...: A5K230202-011 **Work Order #...:** HQVML1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 08:20 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329148
Dilution Factor: 1
% Moisture.....: 7.9 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.3
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.6
Aroclor 1242	ND	36	ug/kg	11
Aroclor 1248	ND	36	ug/kg	5.2
Aroclor 1254	ND	36	ug/kg	4.7
Aroclor 1260	**110**	**36**	**ug/kg**	**8.7**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	68	(10 - 127)
Decachlorobiphenyl	105	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-812

GC Semivolatiles

Lot-Sample #...: A5K230202-012 **Work Order #...:** HQVMN1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 08:30 **Date Received..:** 11/23/05
Prep Date.....: 12/02/05 **Analysis Date..:** 12/06/05
Prep Batch #...: 5336047
Dilution Factor: 2
% Moisture.....: 6.5 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	71	ug/kg	14
Aroclor 1221	ND	71	ug/kg	21
Aroclor 1232	ND	71	ug/kg	11
Aroclor 1242	**190**	**71**	**ug/kg**	**21**
Aroclor 1248	ND	71	ug/kg	10
Aroclor 1254	ND	71	ug/kg	9.2
Aroclor 1260	**120**	**71**	**ug/kg**	**17**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	31	(10 - 127)
Decachlorobiphenyl	20 *	(40 - 138)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-813

GC Semivolatiles

Lot-Sample #...: A5K230202-013 **Work Order #...:** HQVNF1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 08:30 **Date Received..:** 11/23/05
Prep Date.....: 12/02/05 **Analysis Date..:** 12/06/05
Prep Batch #...: 5336047
Dilution Factor: 1
% Moisture.....: 7.7 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.3
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.6
Aroclor 1242	ND	36	ug/kg	11
Aroclor 1248	ND	36	ug/kg	5.2
Aroclor 1254	**28 J**	**36**	**ug/kg**	**4.7**
Aroclor 1260	ND	36	ug/kg	8.7

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	50	(10 - 127)
Decachlorobiphenyl	31 *	(40 - 138)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-814

GC Semivolatiles

Lot-Sample #...: A5K230202-014 **Work Order #...:** HQVNG1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 08:30 **Date Received..:** 11/23/05
Prep Date.....: 12/02/05 **Analysis Date..:** 12/06/05
Prep Batch #...: 5336047
Dilution Factor: 1
% Moisture.....: 7.4 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.2
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.6
Aroclor 1242	ND	36	ug/kg	11
Aroclor 1248	ND	36	ug/kg	5.2
Aroclor 1254	ND	36	ug/kg	4.6
Aroclor 1260	ND	36	ug/kg	8.6

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	45	(10 - 127)
Decachlorobiphenyl	38 *	(40 - 138)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-815

GC Semivolatiles

Lot-Sample #...: A5K230202-015 **Work Order #...:** HQVNK1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 08:30 **Date Received..:** 11/23/05
Prep Date.....: 12/02/05 **Analysis Date..:** 12/06/05
Prep Batch #...: 5336047
Dilution Factor: 1
% Moisture.....: 18 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	40	ug/kg	8.2
Aroclor 1221	ND	40	ug/kg	12
Aroclor 1232	ND	40	ug/kg	6.4
Aroclor 1242	ND	40	ug/kg	12
Aroclor 1248	ND	40	ug/kg	5.9
Aroclor 1254	ND	40	ug/kg	5.3
Aroclor 1260	ND	40	ug/kg	9.8

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	58	(10 - 127)
Decachlorobiphenyl	34 *	(40 - 138)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-816

GC Semivolatiles

Lot-Sample #...: A5K230202-016 **Work Order #...:** HQVNN1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 08:40 **Date Received..:** 11/23/05
Prep Date.....: 12/01/05 **Analysis Date..:** 12/06/05
Prep Batch #...: 5335450
Dilution Factor: 1
% Moisture.....: 5.8 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	7.1
Aroclor 1221	ND	35	ug/kg	11
Aroclor 1232	ND	35	ug/kg	5.5
Aroclor 1242	ND	35	ug/kg	11
Aroclor 1248	ND	35	ug/kg	5.1
Aroclor 1254	**5.6 J**	**35**	**ug/kg**	**4.6**
Aroclor 1260	ND	35	ug/kg	8.5

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	77	(10 - 127)
Decachlorobiphenyl	81	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-817

GC Semivolatiles

Lot-Sample #...: A5K230202-017 **Work Order #...:** HQVNW1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 08:40 **Date Received..:** 11/23/05
Prep Date.....: 12/01/05 **Analysis Date..:** 12/06/05
Prep Batch #...: 5335450
Dilution Factor: 20
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	740	ug/kg	150
Aroclor 1221	ND	740	ug/kg	220
Aroclor 1232	ND	740	ug/kg	120
Aroclor 1242	ND	740	ug/kg	220
Aroclor 1248	**6200**	**740**	**ug/kg**	**110**
Aroclor 1254	ND	740	ug/kg	96
Aroclor 1260	**3500**	**740**	**ug/kg**	**180**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	98 DIL	(10 - 127)
Decachlorobiphenyl	117 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-818

GC Semivolatiles

Lot-Sample #...: A5K230202-018 **Work Order #...:** HQVN51AC **Matrix.....:** SO
Date Sampled...: 11/22/05 08:40 **Date Received..:** 11/23/05
Prep Date.....: 12/01/05 **Analysis Date..:** 12/06/05
Prep Batch #...: 5335450
Dilution Factor: 1
% Moisture.....: 13 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	7.7
Aroclor 1221	ND	38	ug/kg	11
Aroclor 1232	ND	38	ug/kg	6.0
Aroclor 1242	ND	38	ug/kg	11
Aroclor 1248	**200**	**38**	**ug/kg**	**5.5**
Aroclor 1254	ND	38	ug/kg	4.9
Aroclor 1260	**150**	**38**	**ug/kg**	**9.2**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	59	(10 - 127)
Decachlorobiphenyl	55	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-819

GC Semivolatiles

Lot-Sample #...: A5K230202-019 **Work Order #...:** HQVN71AC **Matrix.....:** SO
Date Sampled...: 11/22/05 08:40 **Date Received..:** 11/23/05
Prep Date.....: 12/01/05 **Analysis Date..:** 12/06/05
Prep Batch #...: 5335450
Dilution Factor: 1
% Moisture.....: 17 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	40	ug/kg	8.0
Aroclor 1221	ND	40	ug/kg	12
Aroclor 1232	ND	40	ug/kg	6.2
Aroclor 1242	ND	40	ug/kg	12
Aroclor 1248	ND	40	ug/kg	5.8
Aroclor 1254	ND	40	ug/kg	5.2
Aroclor 1260	ND	40	ug/kg	9.6

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	57	(10 - 127)
Decachlorobiphenyl	58	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-820

GC Semivolatiles

Lot-Sample #...: A5K230202-020 **Work Order #...:** HQVN81AC **Matrix.....:** SO
Date Sampled...: 11/22/05 08:50 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329148
Dilution Factor: 20
% Moisture.....: 7.2 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	710	ug/kg	140
Aroclor 1221	ND	710	ug/kg	210
Aroclor 1232	ND	710	ug/kg	110
Aroclor 1242	ND	710	ug/kg	220
Aroclor 1248	**6800**	**710**	**ug/kg**	**100**
Aroclor 1254	ND	710	ug/kg	93
Aroclor 1260	**10000**	**710**	**ug/kg**	**170**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	102 DIL	(10 - 127)
Decachlorobiphenyl	153 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-821

GC Semivolatiles

Lot-Sample #...: A5K230202-021 **Work Order #...:** HQVQP1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 08:50 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329148
Dilution Factor: 1
% Moisture.....: 13 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	7.7
Aroclor 1221	ND	38	ug/kg	11
Aroclor 1232	ND	38	ug/kg	6.0
Aroclor 1242	**170**	**38**	**ug/kg**	**11**
Aroclor 1248	ND	38	ug/kg	5.5
Aroclor 1254	ND	38	ug/kg	4.9
Aroclor 1260	**56**	**38**	**ug/kg**	**9.2**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	71	(10 - 127)
Decachlorobiphenyl	56	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-822

GC Semivolatiles

Lot-Sample #...: A5K230202-022 **Work Order #...:** HQVRL1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 08:50 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329148
Dilution Factor: 1
% Moisture.....: 13 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	7.7
Aroclor 1221	ND	38	ug/kg	11
Aroclor 1232	ND	38	ug/kg	6.0
Aroclor 1242	ND	38	ug/kg	11
Aroclor 1248	**52**	**38**	**ug/kg**	**5.5**
Aroclor 1254	ND	38	ug/kg	4.9
Aroclor 1260	**26 J**	**38**	**ug/kg**	**9.2**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	80	(10 - 127)
Decachlorobiphenyl	60	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-823

GC Semivolatiles

Lot-Sample #...: A5K230202-023 **Work Order #...:** HQVRN1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 08:50 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329148
Dilution Factor: 1
% Moisture.....: 17 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	40	ug/kg	8.1
Aroclor 1221	ND	40	ug/kg	12
Aroclor 1232	ND	40	ug/kg	6.3
Aroclor 1242	ND	40	ug/kg	12
Aroclor 1248	ND	40	ug/kg	5.8
Aroclor 1254	ND	40	ug/kg	5.2
Aroclor 1260	ND	40	ug/kg	9.7

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	85	(10 - 127)
Decachlorobiphenyl	72	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-824

GC Semivolatiles

Lot-Sample #...: A5K230202-024 **Work Order #...:** HQVRQ1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 09:00 **Date Received..:** 11/23/05
Prep Date.....: 12/01/05 **Analysis Date..:** 12/06/05
Prep Batch #...: 5335450
Dilution Factor: 1
% Moisture.....: 8.4 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.3
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.7
Aroclor 1242	ND	36	ug/kg	11
Aroclor 1248	**49**	**36**	**ug/kg**	**5.2**
Aroclor 1254	ND	36	ug/kg	4.7
Aroclor 1260	**24 J**	**36**	**ug/kg**	**8.7**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	57	(10 - 127)
Decachlorobiphenyl	62	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-825

GC Semivolatiles

Lot-Sample #...: A5K230202-025 **Work Order #...:** HQVR11AC **Matrix.....:** SO
Date Sampled...: 11/22/05 09:00 **Date Received..:** 11/23/05
Prep Date.....: 12/01/05 **Analysis Date..:** 12/06/05
Prep Batch #...: 5335450
Dilution Factor: 20
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	780	ug/kg	160
Aroclor 1221	ND	780	ug/kg	230
Aroclor 1232	ND	780	ug/kg	120
Aroclor 1242	ND	780	ug/kg	240
Aroclor 1248	**4300**	**780**	**ug/kg**	**110**
Aroclor 1254	ND	780	ug/kg	100
Aroclor 1260	**1000**	**780**	**ug/kg**	**190**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	82 DIL	(10 - 127)
Decachlorobiphenyl	105 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-826

GC Semivolatiles

Lot-Sample #...: A5K230202-026 **Work Order #...:** HQVR31AC **Matrix.....:** SO
Date Sampled...: 11/22/05 09:00 **Date Received..:** 11/23/05
Prep Date.....: 12/01/05 **Analysis Date..:** 12/06/05
Prep Batch #...: 5335450
Dilution Factor: 1
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	7.6
Aroclor 1221	ND	37	ug/kg	11
Aroclor 1232	ND	37	ug/kg	5.9
Aroclor 1242	ND	37	ug/kg	11
Aroclor 1248	**46**	**37**	**ug/kg**	**5.4**
Aroclor 1254	ND	37	ug/kg	4.9
Aroclor 1260	ND	37	ug/kg	9.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	39	(10 - 127)
Decachlorobiphenyl	35 *	(40 - 138)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-827

GC Semivolatiles

Lot-Sample #...: A5K230202-027 **Work Order #...:** HQVR41AC **Matrix.....:** SO
Date Sampled...: 11/22/05 09:00 **Date Received..:** 11/23/05
Prep Date.....: 12/01/05 **Analysis Date..:** 12/06/05
Prep Batch #...: 5335450
Dilution Factor: 1
% Moisture.....: 21 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	42	ug/kg	8.5
Aroclor 1221	ND	42	ug/kg	13
Aroclor 1232	ND	42	ug/kg	6.6
Aroclor 1242	ND	42	ug/kg	13
Aroclor 1248	ND	42	ug/kg	6.1
Aroclor 1254	ND	42	ug/kg	5.5
Aroclor 1260	ND	42	ug/kg	10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	88	(10 - 127)
Decachlorobiphenyl	86	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-828

GC Semivolatiles

Lot-Sample #...: A5K230202-028 **Work Order #...:** HQVR61AC **Matrix.....:** SO
Date Sampled...: 11/22/05 09:10 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329148
Dilution Factor: 20
% Moisture.....: 14 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	770	ug/kg	160
Aroclor 1221	ND	770	ug/kg	230
Aroclor 1232	ND	770	ug/kg	120
Aroclor 1242	ND	770	ug/kg	230
Aroclor 1248	**8600**	**770**	**ug/kg**	**110**
Aroclor 1254	ND	770	ug/kg	100
Aroclor 1260	**1600**	**770**	**ug/kg**	**190**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	86 DIL	(10 - 127)
Decachlorobiphenyl	116 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-829

GC Semivolatiles

Lot-Sample #...: A5K230202-029 **Work Order #...:** HQVR91AC **Matrix.....:** SO
Date Sampled...: 11/22/05 09:10 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329148
Dilution Factor: 100
% Moisture.....: 17 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	4000	ug/kg	810
Aroclor 1221	ND	4000	ug/kg	1200
Aroclor 1232	ND	4000	ug/kg	630
Aroclor 1242	ND	4000	ug/kg	1200
Aroclor 1248	**60000**	**4000**	**ug/kg**	**580**
Aroclor 1254	ND	4000	ug/kg	520
Aroclor 1260	**6900**	**4000**	**ug/kg**	**970**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	54 DIL	(10 - 127)
Decachlorobiphenyl	114 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-830

GC Semivolatiles

Lot-Sample #...: A5K230202-030 **Work Order #...:** HQVTA1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 09:10 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329148
Dilution Factor: 5
% Moisture.....: 14 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	190	ug/kg	39
Aroclor 1221	ND	190	ug/kg	58
Aroclor 1232	ND	190	ug/kg	30
Aroclor 1242	ND	190	ug/kg	58
Aroclor 1248	**900**	**190**	**ug/kg**	**28**
Aroclor 1254	ND	190	ug/kg	25
Aroclor 1260	**180 J**	**190**	**ug/kg**	**46**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	99 DIL	(10 - 127)
Decachlorobiphenyl	89 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-831

GC Semivolatiles

Lot-Sample #...: A5K230202-031 **Work Order #...:** HQVTC1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 09:10 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329148
Dilution Factor: 1
% Moisture.....: 19 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	41	ug/kg	8.3
Aroclor 1221	ND	41	ug/kg	12
Aroclor 1232	ND	41	ug/kg	6.4
Aroclor 1242	ND	41	ug/kg	12
Aroclor 1248	ND	41	ug/kg	5.9
Aroclor 1254	ND	41	ug/kg	5.3
Aroclor 1260	ND	41	ug/kg	9.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	96	(10 - 127)
Decachlorobiphenyl	78	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-832

GC Semivolatiles

Lot-Sample #...: A5K230202-032 **Work Order #...:** HQVTE1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 09:20 **Date Received..:** 11/23/05
Prep Date.....: 12/01/05 **Analysis Date..:** 12/06/05
Prep Batch #...: 5335450
Dilution Factor: 1
% Moisture.....: 10 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	7.5
Aroclor 1221	ND	37	ug/kg	11
Aroclor 1232	ND	37	ug/kg	5.8
Aroclor 1242	ND	37	ug/kg	11
Aroclor 1248	**110**	**37**	**ug/kg**	**5.3**
Aroclor 1254	ND	37	ug/kg	4.8
Aroclor 1260	**23 J**	**37**	**ug/kg**	**8.9**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	66	(10 - 127)
Decachlorobiphenyl	65	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-833

GC Semivolatiles

Lot-Sample #...: A5K230202-033 **Work Order #...:** HQVTG1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 09:20 **Date Received..:** 11/23/05
Prep Date.....: 12/01/05 **Analysis Date..:** 12/06/05
Prep Batch #...: 5335450
Dilution Factor: 1
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	7.5
Aroclor 1221	ND	37	ug/kg	11
Aroclor 1232	ND	37	ug/kg	5.9
Aroclor 1242	ND	37	ug/kg	11
Aroclor 1248	**63**	**37**	**ug/kg**	**5.4**
Aroclor 1254	ND	37	ug/kg	4.8
Aroclor 1260	**37**	**37**	**ug/kg**	**9.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	65	(10 - 127)
Decachlorobiphenyl	62	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-834

GC Semivolatiles

Lot-Sample #...: A5K230202-034 **Work Order #...:** HQVTH1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 09:20 **Date Received..:** 11/23/05
Prep Date.....: 12/01/05 **Analysis Date..:** 12/06/05
Prep Batch #...: 5335450
Dilution Factor: 1
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	7.6
Aroclor 1221	ND	37	ug/kg	11
Aroclor 1232	ND	37	ug/kg	5.9
Aroclor 1242	ND	37	ug/kg	11
Aroclor 1248	**83**	**37**	**ug/kg**	**5.4**
Aroclor 1254	ND	37	ug/kg	4.8
Aroclor 1260	**45**	**37**	**ug/kg**	**9.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	65	(10 - 127)
Decachlorobiphenyl	60	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-835

GC Semivolatiles

Lot-Sample #...: A5K230202-035 **Work Order #...:** HQVTP1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 09:20 **Date Received..:** 11/23/05
Prep Date.....: 12/01/05 **Analysis Date..:** 12/06/05
Prep Batch #...: 5335450
Dilution Factor: 1
% Moisture.....: 21 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	42	ug/kg	8.5
Aroclor 1221	ND	42	ug/kg	13
Aroclor 1232	ND	42	ug/kg	6.6
Aroclor 1242	ND	42	ug/kg	13
Aroclor 1248	ND	42	ug/kg	6.1
Aroclor 1254	ND	42	ug/kg	5.4
Aroclor 1260	ND	42	ug/kg	10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	94	(10 - 127)
Decachlorobiphenyl	89	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-836

GC Semivolatiles

Lot-Sample #...: A5K230202-036 **Work Order #...:** HQVTR1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 09:30 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329148
Dilution Factor: 1
% Moisture.....: 9.2 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.4
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.7
Aroclor 1242	ND	36	ug/kg	11
Aroclor 1248	**41**	**36**	**ug/kg**	**5.3**
Aroclor 1254	ND	36	ug/kg	4.7
Aroclor 1260	**19 J**	**36**	**ug/kg**	**8.8**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	45	(10 - 127)
Decachlorobiphenyl	71	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-837

GC Semivolatiles

Lot-Sample #...: A5K230202-037 **Work Order #...:** HQVTW1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 09:30 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329148
Dilution Factor: 2
% Moisture.....: 13 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	76	ug/kg	15
Aroclor 1221	ND	76	ug/kg	23
Aroclor 1232	ND	76	ug/kg	12
Aroclor 1242	ND	76	ug/kg	23
Aroclor 1248	**360**	**76**	**ug/kg**	**11**
Aroclor 1254	ND	76	ug/kg	9.9
Aroclor 1260	**300**	**76**	**ug/kg**	**18**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	56	(10 - 127)
Decachlorobiphenyl	69	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-838

GC Semivolatiles

Lot-Sample #...: A5K230202-038 **Work Order #...:** HQVT01AC **Matrix.....:** SO
Date Sampled...: 11/22/05 09:30 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329148
Dilution Factor: 2
% Moisture.....: 7.7 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	72	ug/kg	15
Aroclor 1221	ND	72	ug/kg	21
Aroclor 1232	ND	72	ug/kg	11
Aroclor 1242	ND	72	ug/kg	22
Aroclor 1248	**660**	**72**	**ug/kg**	**10**
Aroclor 1254	ND	72	ug/kg	9.3
Aroclor 1260	**620**	**72**	**ug/kg**	**17**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	55	(10 - 127)
Decachlorobiphenyl	86	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-839

GC Semivolatiles

Lot-Sample #...: A5K230202-039 **Work Order #...:** HQVT21AC **Matrix.....:** SO
Date Sampled...: 11/22/05 09:30 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329148
Dilution Factor: 1
% Moisture.....: 19 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	41	ug/kg	8.3
Aroclor 1221	ND	41	ug/kg	12
Aroclor 1232	ND	41	ug/kg	6.4
Aroclor 1242	ND	41	ug/kg	12
Aroclor 1248	**53**	**41**	**ug/kg**	**5.9**
Aroclor 1254	ND	41	ug/kg	5.3
Aroclor 1260	**15 J**	**41**	**ug/kg**	**9.9**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	68	(10 - 127)
Decachlorobiphenyl	62	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-840

GC Semivolatiles

Lot-Sample #...: A5K230202-040 **Work Order #...:** HQVT51AC **Matrix.....:** SO
Date Sampled...: 11/22/05 09:40 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329150
Dilution Factor: 5
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	180	ug/kg	37
Aroclor 1221	ND	180	ug/kg	55
Aroclor 1232	ND	180	ug/kg	29
Aroclor 1242	ND	180	ug/kg	56
Aroclor 1248	**710**	**180**	**ug/kg**	**27**
Aroclor 1254	ND	180	ug/kg	24
Aroclor 1260	**1300**	**180**	**ug/kg**	**45**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	45 DIL	(10 - 127)
Decachlorobiphenyl	59 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-841

GC Semivolatiles

Lot-Sample #...: A5K230202-041 **Work Order #...:** HQVT71AC **Matrix.....:** SO
Date Sampled...: 11/22/05 09:40 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329150
Dilution Factor: 2
% Moisture.....: 7.2 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	71	ug/kg	14
Aroclor 1221	ND	71	ug/kg	21
Aroclor 1232	ND	71	ug/kg	11
Aroclor 1242	ND	71	ug/kg	22
Aroclor 1248	**440**	**71**	**ug/kg**	**10**
Aroclor 1254	ND	71	ug/kg	9.3
Aroclor 1260	**740**	**71**	**ug/kg**	**17**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	63	(10 - 127)
Decachlorobiphenyl	138	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-842

GC Semivolatiles

Lot-Sample #...: A5K230202-042 **Work Order #...:** HQVT91AC **Matrix.....:** SO
Date Sampled...: 11/22/05 09:50 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329150
Dilution Factor: 1
% Moisture.....: 8.3 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.3
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.7
Aroclor 1242	ND	36	ug/kg	11
Aroclor 1248	**140**	**36**	**ug/kg**	**5.2**
Aroclor 1254	ND	36	ug/kg	4.7
Aroclor 1260	**83**	**36**	**ug/kg**	**8.7**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	71	(10 - 127)
Decachlorobiphenyl	80	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-843

GC Semivolatiles

Lot-Sample #...: A5K230202-043 **Work Order #...:** HQVVE1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 09:50 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329150
Dilution Factor: 1
% Moisture.....: 6.8 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	7.2
Aroclor 1221	ND	35	ug/kg	11
Aroclor 1232	ND	35	ug/kg	5.6
Aroclor 1242	ND	35	ug/kg	11
Aroclor 1248	**65**	**35**	**ug/kg**	**5.1**
Aroclor 1254	ND	35	ug/kg	4.6
Aroclor 1260	**35**	**35**	**ug/kg**	**8.6**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	90	(10 - 127)
Decachlorobiphenyl	64	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-844

GC Semivolatiles

Lot-Sample #...: A5K230202-044 **Work Order #...:** HQVVG1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 09:50 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329150
Dilution Factor: 5
% Moisture.....: 7.9 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	180	ug/kg	36
Aroclor 1221	ND	180	ug/kg	54
Aroclor 1232	ND	180	ug/kg	28
Aroclor 1242	ND	180	ug/kg	54
Aroclor 1248	**640**	**180**	**ug/kg**	**26**
Aroclor 1254	ND	180	ug/kg	23
Aroclor 1260	**1900**	**180**	**ug/kg**	**43**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	9.6 DIL,*	(10 - 127)
Decachlorobiphenyl	6.2 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-845

GC Semivolatiles

Lot-Sample #...: A5K230202-045 **Work Order #...:** HQVVJ1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 09:50 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329150
Dilution Factor: 10
% Moisture.....: 18 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	400	ug/kg	81
Aroclor 1221	ND	400	ug/kg	120
Aroclor 1232	ND	400	ug/kg	63
Aroclor 1242	ND	400	ug/kg	120
Aroclor 1248	ND	400	ug/kg	58
Aroclor 1254	**3600**	**400**	**ug/kg**	**52**
Aroclor 1260	ND	400	ug/kg	97

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	79 DIL	(10 - 127)
Decachlorobiphenyl	77 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-846

GC Semivolatiles

Lot-Sample #...: A5K230202-046 **Work Order #...:** HQVVL1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 10:00 **Date Received..:** 11/23/05
Prep Date.....: 11/27/05 **Analysis Date..:** 11/30/05
Prep Batch #...: 5330050
Dilution Factor: 10
% Moisture.....: 9.9 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	370	ug/kg	74
Aroclor 1221	ND	370	ug/kg	110
Aroclor 1232	ND	370	ug/kg	58
Aroclor 1242	ND	370	ug/kg	110
Aroclor 1248	**4800**	**370**	**ug/kg**	**53**
Aroclor 1254	ND	370	ug/kg	48
Aroclor 1260	**770**	**370**	**ug/kg**	**89**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	96 DIL	(10 - 127)
Decachlorobiphenyl	99 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-847

GC Semivolatiles

Lot-Sample #...: A5K230202-047 **Work Order #...:** HQVVN1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 10:00 **Date Received..:** 11/23/05
Prep Date.....: 11/27/05 **Analysis Date..:** 11/30/05
Prep Batch #...: 5330050
Dilution Factor: 50
% Moisture.....: 7.4 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1800	ug/kg	360
Aroclor 1221	ND	1800	ug/kg	530
Aroclor 1232	ND	1800	ug/kg	280
Aroclor 1242	ND	1800	ug/kg	540
Aroclor 1248	ND	1800	ug/kg	260
Aroclor 1254	ND	1800	ug/kg	230
Aroclor 1260	**28000**	**1800**	**ug/kg**	**430**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87 DIL	(10 - 127)
Decachlorobiphenyl	102 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-848

GC Semivolatiles

Lot-Sample #...: A5K230202-048 **Work Order #...:** HQVVQ1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 10:00 **Date Received..:** 11/23/05
Prep Date.....: 11/27/05 **Analysis Date..:** 11/30/05
Prep Batch #...: 5330050
Dilution Factor: 200
% Moisture.....: 13 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	7500	ug/kg	1500
Aroclor 1221	ND	7500	ug/kg	2300
Aroclor 1232	ND	7500	ug/kg	1200
Aroclor 1242	ND	7500	ug/kg	2300
Aroclor 1248	ND	7500	ug/kg	1100
Aroclor 1254	**130000**	**7500**	**ug/kg**	**980**
Aroclor 1260	ND	7500	ug/kg	1800

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	0.0 DIL,*	(10 - 127)
Decachlorobiphenyl	378 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-849

GC Semivolatiles

Lot-Sample #...: A5K230202-049 **Work Order #...:** HQVVR1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 10:00 **Date Received..:** 11/23/05
Prep Date.....: 11/27/05 **Analysis Date..:** 11/30/05
Prep Batch #...: 5330050
Dilution Factor: 1
% Moisture.....: 19 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	41	ug/kg	8.3
Aroclor 1221	ND	41	ug/kg	12
Aroclor 1232	ND	41	ug/kg	6.4
Aroclor 1242	ND	41	ug/kg	12
Aroclor 1248	ND	41	ug/kg	5.9
Aroclor 1254	**140**	**41**	**ug/kg**	**5.3**
Aroclor 1260	ND	41	ug/kg	9.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	57	(10 - 127)
Decachlorobiphenyl	48	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-850

GC Semivolatiles

Lot-Sample #...: A5K230202-050 **Work Order #...:** HQVVX1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 10:10 **Date Received..:** 11/23/05
Prep Date.....: 11/27/05 **Analysis Date..:** 11/30/05
Prep Batch #...: 5330050
Dilution Factor: 20
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	780	ug/kg	160
Aroclor 1221	ND	780	ug/kg	230
Aroclor 1232	ND	780	ug/kg	120
Aroclor 1242	ND	780	ug/kg	240
Aroclor 1248	ND	780	ug/kg	110
Aroclor 1254	ND	780	ug/kg	100
Aroclor 1260	**9700**	**780**	**ug/kg**	**190**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	71 DIL	(10 - 127)
Decachlorobiphenyl	71 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-851

GC Semivolatiles

Lot-Sample #...: A5K230202-051 **Work Order #...:** HQVV21AC **Matrix.....:** SO
Date Sampled...: 11/22/05 10:10 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329150
Dilution Factor: 1
% Moisture.....: 7.9 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.3
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.6
Aroclor 1242	ND	36	ug/kg	11
Aroclor 1248	ND	36	ug/kg	5.2
Aroclor 1254	**85**	**36**	**ug/kg**	**4.7**
Aroclor 1260	ND	36	ug/kg	8.7

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	69	(10 - 127)
Decachlorobiphenyl	59	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-852

GC Semivolatiles

Lot-Sample #...: A5K230202-052 **Work Order #...:** HQVV81AC **Matrix.....:** SO
Date Sampled...: 11/22/05 10:10 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329150
Dilution Factor: 50
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1900	ug/kg	380
Aroclor 1221	ND	1900	ug/kg	570
Aroclor 1232	ND	1900	ug/kg	300
Aroclor 1242	ND	1900	ug/kg	570
Aroclor 1248	ND	1900	ug/kg	270
Aroclor 1254	**13000**	**1900**	**ug/kg**	**250**
Aroclor 1260	ND	1900	ug/kg	460

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	72 DIL	(10 - 127)
Decachlorobiphenyl	78 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-853

GC Semivolatiles

Lot-Sample #...: A5K230202-053 **Work Order #...:** HQVV91AC **Matrix.....:** SO
Date Sampled...: 11/22/05 10:10 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329150
Dilution Factor: 1
% Moisture.....: 19 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	41	ug/kg	8.3
Aroclor 1221	ND	41	ug/kg	12
Aroclor 1232	ND	41	ug/kg	6.4
Aroclor 1242	ND	41	ug/kg	12
Aroclor 1248	ND	41	ug/kg	6.0
Aroclor 1254	**45**	**41**	**ug/kg**	**5.3**
Aroclor 1260	ND	41	ug/kg	9.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87	(10 - 127)
Decachlorobiphenyl	85	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-854

GC Semivolatiles

Lot-Sample #...: A5K230202-054 **Work Order #...:** HQVWA1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 10:20 **Date Received..:** 11/23/05
Prep Date.....: 11/27/05 **Analysis Date..:** 11/30/05
Prep Batch #...: 5330050
Dilution Factor: 1
% Moisture.....: 23 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	43	ug/kg	8.7
Aroclor 1221	ND	43	ug/kg	13
Aroclor 1232	ND	43	ug/kg	6.7
Aroclor 1242	ND	43	ug/kg	13
Aroclor 1248	ND	43	ug/kg	6.2
Aroclor 1254	ND	43	ug/kg	5.6
Aroclor 1260	ND	43	ug/kg	10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	57	(10 - 127)
Decachlorobiphenyl	52	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-855

GC Semivolatiles

Lot-Sample #...: A5K230202-055 **Work Order #...:** HQVWE1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 10:20 **Date Received..:** 11/23/05
Prep Date.....: 11/27/05 **Analysis Date..:** 11/30/05
Prep Batch #...: 5330050
Dilution Factor: 20
% Moisture.....: 7.4 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	710	ug/kg	140
Aroclor 1221	ND	710	ug/kg	210
Aroclor 1232	ND	710	ug/kg	110
Aroclor 1242	ND	710	ug/kg	220
Aroclor 1248	ND	710	ug/kg	100
Aroclor 1254	ND	710	ug/kg	93
Aroclor 1260	**8200**	**710**	**ug/kg**	**170**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	77 DIL	(10 - 127)
Decachlorobiphenyl	78 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-856

GC Semivolatiles

Lot-Sample #...: A5K230202-056 **Work Order #...:** HQVWG1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 10:20 **Date Received..:** 11/23/05
Prep Date.....: 11/27/05 **Analysis Date..:** 11/30/05
Prep Batch #...: 5330050
Dilution Factor: 5
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	190	ug/kg	38
Aroclor 1221	ND	190	ug/kg	56
Aroclor 1232	ND	190	ug/kg	30
Aroclor 1242	ND	190	ug/kg	57
Aroclor 1248	ND	190	ug/kg	27
Aroclor 1254	**1900**	**190**	**ug/kg**	**24**
Aroclor 1260	ND	190	ug/kg	45

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	83 DIL	(10 - 127)
Decachlorobiphenyl	81 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-857

GC Semivolatiles

Lot-Sample #...: A5K230202-057 **Work Order #...:** HQVWH1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 10:20 **Date Received..:** 11/23/05
Prep Date.....: 11/27/05 **Analysis Date..:** 11/30/05
Prep Batch #...: 5330050
Dilution Factor: 1
% Moisture.....: 18 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	40	ug/kg	8.2
Aroclor 1221	ND	40	ug/kg	12
Aroclor 1232	ND	40	ug/kg	6.3
Aroclor 1242	ND	40	ug/kg	12
Aroclor 1248	ND	40	ug/kg	5.8
Aroclor 1254	ND	40	ug/kg	5.2
Aroclor 1260	ND	40	ug/kg	9.7

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	47	(10 - 127)
Decachlorobiphenyl	42	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-862

GC Semivolatiles

Lot-Sample #...: A5K230202-062 **Work Order #...:** HQVW31AC **Matrix.....:** SO
Date Sampled...: 11/22/05 10:40 **Date Received..:** 11/23/05
Prep Date.....: 11/27/05 **Analysis Date..:** 11/30/05
Prep Batch #...: 5330050
Dilution Factor: 1
% Moisture.....: 5.6 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	7.1
Aroclor 1221	ND	35	ug/kg	10
Aroclor 1232	ND	35	ug/kg	5.5
Aroclor 1242	ND	35	ug/kg	11
Aroclor 1248	**570**	**35**	**ug/kg**	**5.1**
Aroclor 1254	ND	35	ug/kg	4.6
Aroclor 1260	**460**	**35**	**ug/kg**	**8.5**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	86	(10 - 127)
Decachlorobiphenyl	68	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-863

GC Semivolatiles

Lot-Sample #...: A5K230202-063 **Work Order #...:** HQVW41AC **Matrix.....:** SO
Date Sampled...: 11/22/05 10:40 **Date Received..:** 11/23/05
Prep Date.....: 11/27/05 **Analysis Date..:** 11/30/05
Prep Batch #...: 5330050
Dilution Factor: 1
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	7.8
Aroclor 1221	ND	39	ug/kg	12
Aroclor 1232	ND	39	ug/kg	6.1
Aroclor 1242	ND	39	ug/kg	12
Aroclor 1248	**110**	**39**	**ug/kg**	**5.6**
Aroclor 1254	ND	39	ug/kg	5.0
Aroclor 1260	**16 J**	**39**	**ug/kg**	**9.4**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	111	(10 - 127)
Decachlorobiphenyl	104	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-864

GC Semivolatiles

Lot-Sample #...: A5K230202-064 **Work Order #...:** HQVW81AC **Matrix.....:** SO
Date Sampled...: 11/22/05 10:40 **Date Received..:** 11/23/05
Prep Date.....: 11/27/05 **Analysis Date..:** 11/30/05
Prep Batch #...: 5330050
Dilution Factor: 2
% Moisture.....: 18 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	80	ug/kg	16
Aroclor 1221	ND	80	ug/kg	24
Aroclor 1232	ND	80	ug/kg	13
Aroclor 1242	ND	80	ug/kg	24
Aroclor 1248	**320**	**80**	**ug/kg**	**12**
Aroclor 1254	ND	80	ug/kg	10
Aroclor 1260	**810**	**80**	**ug/kg**	**19**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	59	(10 - 127)
Decachlorobiphenyl	52	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-865

GC Semivolatiles

Lot-Sample #...: A5K230202-065 **Work Order #...:** HQVXC1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 10:40 **Date Received..:** 11/23/05
Prep Date.....: 11/27/05 **Analysis Date..:** 11/30/05
Prep Batch #...: 5330050
Dilution Factor: 1
% Moisture.....: 22 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	42	ug/kg	8.6
Aroclor 1221	ND	42	ug/kg	13
Aroclor 1232	ND	42	ug/kg	6.7
Aroclor 1242	ND	42	ug/kg	13
Aroclor 1248	ND	42	ug/kg	6.1
Aroclor 1254	ND	42	ug/kg	5.5
Aroclor 1260	ND	42	ug/kg	10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	51	(10 - 127)
Decachlorobiphenyl	45	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-876

GC Semivolatiles

Lot-Sample #...: A5K230202-076 **Work Order #...:** HQV0A1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 11:20 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329150
Dilution Factor: 2
% Moisture.....: 3.4 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	68	ug/kg	14
Aroclor 1221	ND	68	ug/kg	21
Aroclor 1232	ND	68	ug/kg	11
Aroclor 1242	ND	68	ug/kg	21
Aroclor 1248	**980**	**68**	**ug/kg**	**9.9**
Aroclor 1254	ND	68	ug/kg	8.9
Aroclor 1260	**800**	**68**	**ug/kg**	**17**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	97	(10 - 127)
Decachlorobiphenyl	85	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-877

GC Semivolatiles

Lot-Sample #...: A5K230202-077 **Work Order #...:** HQV0C1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 11:20 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329150
Dilution Factor: 1
% Moisture.....: 3.7 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	34	ug/kg	7.0
Aroclor 1221	ND	34	ug/kg	10
Aroclor 1232	ND	34	ug/kg	5.4
Aroclor 1242	ND	34	ug/kg	10
Aroclor 1248	ND	34	ug/kg	5.0
Aroclor 1254	ND	34	ug/kg	4.5
Aroclor 1260	ND	34	ug/kg	8.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	79	(10 - 127)
Decachlorobiphenyl	76	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-878

GC Semivolatiles

Lot-Sample #...: A5K230202-078 **Work Order #...:** HQV0D1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 11:20 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329150
Dilution Factor: 1
% Moisture.....: 8.7 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.3
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.7
Aroclor 1242	ND	36	ug/kg	11
Aroclor 1248	ND	36	ug/kg	5.3
Aroclor 1254	ND	36	ug/kg	4.7
Aroclor 1260	**21 J**	**36**	**ug/kg**	**8.8**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87	(10 - 127)
Decachlorobiphenyl	80	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-879

GC Semivolatiles

Lot-Sample #...: A5K230202-079 **Work Order #...:** HQV0F1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 11:20 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329150
Dilution Factor: 1
% Moisture.....: 19 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	41	ug/kg	8.2
Aroclor 1221	ND	41	ug/kg	12
Aroclor 1232	ND	41	ug/kg	6.4
Aroclor 1242	ND	41	ug/kg	12
Aroclor 1248	ND	41	ug/kg	5.9
Aroclor 1254	**35 J**	**41**	**ug/kg**	**5.3**
Aroclor 1260	ND	41	ug/kg	9.8

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(10 - 127)
Decachlorobiphenyl	76	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-887

GC Semivolatiles

Lot-Sample #...: A5K230202-087 **Work Order #...:** HQV011AC **Matrix.....:** SO
Date Sampled...: 11/22/05 11:50 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329150
Dilution Factor: 5
% Moisture.....: 9.1 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	180	ug/kg	37
Aroclor 1221	ND	180	ug/kg	54
Aroclor 1232	ND	180	ug/kg	29
Aroclor 1242	ND	180	ug/kg	55
Aroclor 1248	**2500**	**180**	**ug/kg**	**26**
Aroclor 1254	ND	180	ug/kg	24
Aroclor 1260	**1500**	**180**	**ug/kg**	**44**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	109 DIL	(10 - 127)
Decachlorobiphenyl	98 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-888

GC Semivolatiles

Lot-Sample #...: A5K230202-088 **Work Order #...:** HQV071AC **Matrix.....:** SO
Date Sampled...: 11/22/05 11:50 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329150
Dilution Factor: 1
% Moisture.....: 7.4 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.2
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.6
Aroclor 1242	ND	36	ug/kg	11
Aroclor 1248	ND	36	ug/kg	5.2
Aroclor 1254	ND	36	ug/kg	4.6
Aroclor 1260	**14 J**	**36**	**ug/kg**	**8.6**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	90	(10 - 127)
Decachlorobiphenyl	85	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-889

GC Semivolatiles

Lot-Sample #...: A5K230202-089 **Work Order #...:** HQV091AC **Matrix.....:** SO
Date Sampled...: 11/22/05 11:50 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329150
Dilution Factor: 1
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	7.7
Aroclor 1221	ND	38	ug/kg	11
Aroclor 1232	ND	38	ug/kg	5.9
Aroclor 1242	ND	38	ug/kg	11
Aroclor 1248	**45**	**38**	**ug/kg**	**5.5**
Aroclor 1254	ND	38	ug/kg	4.9
Aroclor 1260	**10 J**	**38**	**ug/kg**	**9.1**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	89	(10 - 127)
Decachlorobiphenyl	79	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-894

GC Semivolatiles

Lot-Sample #...: A5K230202-094 **Work Order #...:** HQV1K1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 12:10 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329150
Dilution Factor: 1
% Moisture.....: 8.6 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	7.3
Aroclor 1221	ND	36	ug/kg	11
Aroclor 1232	ND	36	ug/kg	5.7
Aroclor 1242	ND	36	ug/kg	11
Aroclor 1248	**45**	**36**	**ug/kg**	**5.2**
Aroclor 1254	ND	36	ug/kg	4.7
Aroclor 1260	**26 J**	**36**	**ug/kg**	**8.7**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	65	(10 - 127)
Decachlorobiphenyl	60	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-895

GC Semivolatiles

Lot-Sample #...: A5K230202-095 **Work Order #...:** HQV1N1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 12:10 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329150
Dilution Factor: 1
% Moisture.....: 17 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	40	ug/kg	8.0
Aroclor 1221	ND	40	ug/kg	12
Aroclor 1232	ND	40	ug/kg	6.2
Aroclor 1242	ND	40	ug/kg	12
Aroclor 1248	ND	40	ug/kg	5.8
Aroclor 1254	**35 J**	**40**	**ug/kg**	**5.2**
Aroclor 1260	ND	40	ug/kg	9.6

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	83	(10 - 127)
Decachlorobiphenyl	76	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-896

GC Semivolatiles

Lot-Sample #...: A5K230202-096 **Work Order #...:** HQV1X1AC **Matrix.....:** SO
Date Sampled...: 11/22/05 12:10 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329150
Dilution Factor: 2
% Moisture.....: 10 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	74	ug/kg	15
Aroclor 1221	ND	74	ug/kg	22
Aroclor 1232	ND	74	ug/kg	12
Aroclor 1242	ND	74	ug/kg	22
Aroclor 1248	**470**	**74**	**ug/kg**	**11**
Aroclor 1254	ND	74	ug/kg	9.6
Aroclor 1260	**350**	**74**	**ug/kg**	**18**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	79	(10 - 127)
Decachlorobiphenyl	74	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-897

GC Semivolatiles

Lot-Sample #...: A5K230202-097 **Work Order #...:** HQV121AC **Matrix.....:** SO
Date Sampled...: 11/22/05 12:10 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329150
Dilution Factor: 1
% Moisture.....: 18 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	40	ug/kg	8.2
Aroclor 1221	ND	40	ug/kg	12
Aroclor 1232	ND	40	ug/kg	6.3
Aroclor 1242	ND	40	ug/kg	12
Aroclor 1248	**71**	**40**	**ug/kg**	**5.9**
Aroclor 1254	ND	40	ug/kg	5.2
Aroclor 1260	ND	40	ug/kg	9.8

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	70	(10 - 127)
Decachlorobiphenyl	68	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-801

General Chemistry

Lot-Sample #...: A5K230202-001 **Work Order #...:** HQVJ3 **Matrix.....:** SO
Date Sampled...: 11/22/05 08:00 **Date Received..:** 11/23/05
% Moisture.....: 4.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**95.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329303**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-802

General Chemistry

Lot-Sample #...: A5K230202-002 **Work Order #...:** HQVJ9 **Matrix.....:** SO
Date Sampled...: 11/22/05 08:00 **Date Received..:** 11/23/05
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**87.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329303**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-803

General Chemistry

Lot-Sample #...: A5K230202-003 **Work Order #...:** HQVK9 **Matrix.....:** SO
Date Sampled...: 11/22/05 08:00 **Date Received..:** 11/23/05
% Moisture.....: 6.5

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329303**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-804

General Chemistry

Lot-Sample #...: A5K230202-004 **Work Order #...:** HQVLL **Matrix.....:** SO
Date Sampled...: 11/22/05 08:00 **Date Received..:** 11/23/05
% Moisture.....: 7.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329303**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-805

General Chemistry

Lot-Sample #...: A5K230202-005 **Work Order #...:** HQVLM **Matrix.....:** SO
Date Sampled...: 11/22/05 08:00 **Date Received..:** 11/23/05
% Moisture.....: 29

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**71.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329303**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-806

General Chemistry

Lot-Sample #...: A5K230202-006 **Work Order #...:** HQVLN **Matrix.....:** SO
Date Sampled...: 11/22/05 08:10 **Date Received..:** 11/23/05
% Moisture.....: 9.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329303**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-807

General Chemistry

Lot-Sample #...: A5K230202-007 **Work Order #...:** HQVLR **Matrix.....:** SO
Date Sampled...: 11/22/05 08:10 **Date Received..:** 11/23/05
% Moisture.....: 9.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329303**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-808

General Chemistry

Lot-Sample #...: A5K230202-008 **Work Order #...:** HQVLV **Matrix.....:** SO
Date Sampled...: 11/22/05 08:10 **Date Received..:** 11/23/05
% Moisture.....: 9.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329303**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-809

General Chemistry

Lot-Sample #...: A5K230202-009 **Work Order #...:** HQVL2 **Matrix.....:** SO
Date Sampled...: 11/22/05 08:10 **Date Received..:** 11/23/05
% Moisture.....: 23

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**76.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329303**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-810

General Chemistry

Lot-Sample #...: A5K230202-010 **Work Order #...:** HQVL5 **Matrix.....:** SO
Date Sampled...: 11/22/05 08:20 **Date Received..:** 11/23/05
% Moisture.....: 7.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329303**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-811

General Chemistry

Lot-Sample #...: A5K230202-011 **Work Order #...:** HQVML **Matrix.....:** SO
Date Sampled...: 11/22/05 08:20 **Date Received..:** 11/23/05
% Moisture.....: 7.9

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329303**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-812

General Chemistry

Lot-Sample #...: A5K230202-012 **Work Order #...:** HQVMN **Matrix.....:** SO
Date Sampled...: 11/22/05 08:30 **Date Received..:** 11/23/05
% Moisture.....: 6.5

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/02-12/05/05**	**5336226**
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-813

General Chemistry

Lot-Sample #...: A5K230202-013 **Work Order #...:** HQVNF **Matrix.....:** SO
Date Sampled...: 11/22/05 08:30 **Date Received..:** 11/23/05
% Moisture.....: 7.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/02-12/05/05**	**5336226**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-814

General Chemistry

Lot-Sample #...: A5K230202-014 **Work Order #...:** HQVNG **Matrix.....:** SO
Date Sampled...: 11/22/05 08:30 **Date Received..:** 11/23/05
% Moisture.....: 7.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/02-12/05/05**	**5336226**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-815

General Chemistry

Lot-Sample #...: A5K230202-015 **Work Order #...:** HQVNK **Matrix.....:** SO
Date Sampled...: 11/22/05 08:30 **Date Received..:** 11/23/05
% Moisture.....: 18

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**81.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/02-12/05/05**	**5336226**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-816

General Chemistry

Lot-Sample #...: A5K230202-016 **Work Order #...:** HQVNN **Matrix.....:** SO
Date Sampled...: 11/22/05 08:40 **Date Received..:** 11/23/05
% Moisture.....: 5.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**94.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/01-12/02/05**	**5335460**
	Dilution Factor: 1			MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-817

General Chemistry

Lot-Sample #...: A5K230202-017 **Work Order #...:** HQVNW **Matrix.....:** SO
Date Sampled...: 11/22/05 08:40 **Date Received..:** 11/23/05
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**89.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/01-12/02/05**	**5335460**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-818

General Chemistry

Lot-Sample #...: A5K230202-018 **Work Order #...:** HQVN5 **Matrix.....:** SO
Date Sampled...: 11/22/05 08:40 **Date Received..:** 11/23/05
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**87.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/01-12/02/05**	**5335460**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-819

General Chemistry

Lot-Sample #...: A5K230202-019 **Work Order #...:** HQVN7 **Matrix.....:** SO
Date Sampled...: 11/22/05 08:40 **Date Received..:** 11/23/05
% Moisture.....: 17

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**83.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/01-12/02/05**	**5335460**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-820

General Chemistry

Lot-Sample #...: A5K230202-020 **Work Order #...:** HQVN8 **Matrix.....:** SO
Date Sampled...: 11/22/05 08:50 **Date Received..:** 11/23/05
% Moisture.....: 7.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329303**
	Dilution Factor: 1			MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-821

General Chemistry

Lot-Sample #...: A5K230202-021 **Work Order #...:** HQVQP **Matrix.....:** SO
Date Sampled...: 11/22/05 08:50 **Date Received..:** 11/23/05
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**87.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329303**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-822

General Chemistry

Lot-Sample #...: A5K230202-022 **Work Order #...:** HQVRL **Matrix.....:** SO
Date Sampled...: 11/22/05 08:50 **Date Received..:** 11/23/05
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**87.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329303**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-823

General Chemistry

Lot-Sample #...: A5K230202-023 **Work Order #...:** HQVRN **Matrix.....:** SO
Date Sampled...: 11/22/05 08:50 **Date Received..:** 11/23/05
% Moisture.....: 17

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**82.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329303**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-824

General Chemistry

Lot-Sample #...: A5K230202-024 **Work Order #...:** HQVRQ **Matrix.....:** SO
Date Sampled...: 11/22/05 09:00 **Date Received..:** 11/23/05
% Moisture.....: 8.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/01-12/02/05**	**5335460**
	Dilution Factor: 1			MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-825

General Chemistry

Lot-Sample #...: A5K230202-025 **Work Order #...:** HQVR1 **Matrix.....:** SO
Date Sampled...: 11/22/05 09:00 **Date Received..:** 11/23/05
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**84.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/01-12/02/05**	**5335460**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-826

General Chemistry

Lot-Sample #...: A5K230202-026 **Work Order #...:** HQVR3 **Matrix.....:** SO
Date Sampled...: 11/22/05 09:00 **Date Received..:** 11/23/05
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**88.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/01-12/02/05**	**5335460**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-827

General Chemistry

Lot-Sample #...: A5K230202-027 **Work Order #...:** HQVR4 **Matrix.....:** SO
Date Sampled...: 11/22/05 09:00 **Date Received..:** 11/23/05
% Moisture.....: 21

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**78.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/01-12/02/05**	**5335460**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-828

General Chemistry

Lot-Sample #...: A5K230202-028 **Work Order #...:** HQVR6 **Matrix.....:** SO
Date Sampled...: 11/22/05 09:10 **Date Received..:** 11/23/05
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**85.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329303**
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-829

General Chemistry

Lot-Sample #...: A5K230202-029 **Work Order #...:** HQVR9 **Matrix.....:** SO
Date Sampled...: 11/22/05 09:10 **Date Received..:** 11/23/05
% Moisture.....: 17

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**82.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329303**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-830

General Chemistry

Lot-Sample #...: A5K230202-030 **Work Order #...:** HQVTA **Matrix.....:** SO
Date Sampled...: 11/22/05 09:10 **Date Received..:** 11/23/05
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**86.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329303**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-831

General Chemistry

Lot-Sample #...: A5K230202-031 **Work Order #...:** HQVTC **Matrix.....:** SO
Date Sampled...: 11/22/05 09:10 **Date Received..:** 11/23/05
% Moisture.....: 19

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**81.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329304**
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-832

General Chemistry

Lot-Sample #...: A5K230202-032 **Work Order #...:** HQVTE **Matrix.....:** SO
Date Sampled...: 11/22/05 09:20 **Date Received..:** 11/23/05
% Moisture.....: 10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**89.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/01-12/02/05**	**5335460**
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-833

General Chemistry

Lot-Sample #...: A5K230202-033 **Work Order #...:** HQVTG **Matrix.....:** SO
Date Sampled...: 11/22/05 09:20 **Date Received..:** 11/23/05
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**88.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/01-12/02/05**	**5335460**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-834

General Chemistry

Lot-Sample #...: A5K230202-034 **Work Order #...:** HQVTH **Matrix.....:** SO
Date Sampled...: 11/22/05 09:20 **Date Received..:** 11/23/05
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**88.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/01-12/02/05**	**5335460**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-835

General Chemistry

Lot-Sample #...: A5K230202-035 **Work Order #...:** HQVTP **Matrix.....:** SO
Date Sampled...: 11/22/05 09:20 **Date Received..:** 11/23/05
% Moisture.....: 21

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**79.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/01-12/02/05**	**5335460**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-836

General Chemistry

Lot-Sample #...: A5K230202-036 **Work Order #...:** HQVTR **Matrix.....:** SO
Date Sampled...: 11/22/05 09:30 **Date Received..:** 11/23/05
% Moisture.....: 9.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329304**
	Dilution Factor: 1			MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-837

General Chemistry

Lot-Sample #...: A5K230202-037 **Work Order #...:** HQVTW **Matrix.....:** SO
Date Sampled...: 11/22/05 09:30 **Date Received..:** 11/23/05
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**87.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-838

General Chemistry

Lot-Sample #...: A5K230202-038 **Work Order #...:** HQVT0 **Matrix.....:** SO
Date Sampled...: 11/22/05 09:30 **Date Received..:** 11/23/05
% Moisture.....: 7.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-839

General Chemistry

Lot-Sample #...: A5K230202-039 **Work Order #...:** HQVT2 **Matrix.....:** SO
Date Sampled...: 11/22/05 09:30 **Date Received..:** 11/23/05
% Moisture.....: 19

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**80.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-840

General Chemistry

Lot-Sample #...: A5K230202-040 **Work Order #...:** HQVT5 **Matrix.....:** SO
Date Sampled...: 11/22/05 09:40 **Date Received..:** 11/23/05
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**89.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-841

General Chemistry

Lot-Sample #...: A5K230202-041 **Work Order #...:** HQVT7 **Matrix.....:** SO
Date Sampled...: 11/22/05 09:40 **Date Received..:** 11/23/05
% Moisture.....: 7.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-842

General Chemistry

Lot-Sample #...: A5K230202-042 **Work Order #...:** HQVT9 **Matrix.....:** SO
Date Sampled...: 11/22/05 09:50 **Date Received..:** 11/23/05
% Moisture.....: 8.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-843

General Chemistry

Lot-Sample #...: A5K230202-043 **Work Order #...:** HQVVE **Matrix.....:** SO
Date Sampled...: 11/22/05 09:50 **Date Received..:** 11/23/05
% Moisture.....: 6.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/28-11/29/05**	**5332422**
	Dilution Factor: 1			MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-844

General Chemistry

Lot-Sample #...: A5K230202-044 **Work Order #...:** HQVVG **Matrix.....:** SO
Date Sampled...: 11/22/05 09:50 **Date Received..:** 11/23/05
% Moisture.....: 7.9

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329304**
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-845

General Chemistry

Lot-Sample #...: A5K230202-045 **Work Order #...:** HQVVJ **Matrix.....:** SO
Date Sampled...: 11/22/05 09:50 **Date Received..:** 11/23/05
% Moisture.....: 18

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**82.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-846

General Chemistry

Lot-Sample #...: A5K230202-046 **Work Order #...:** HQVVL **Matrix.....:** SO
Date Sampled...: 11/22/05 10:00 **Date Received..:** 11/23/05
% Moisture.....: 9.9

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-847

General Chemistry

Lot-Sample #...: A5K230202-047 **Work Order #...:** HQVVN **Matrix.....:** SO
Date Sampled...: 11/22/05 10:00 **Date Received..:** 11/23/05
% Moisture.....: 7.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-848

General Chemistry

Lot-Sample #...: A5K230202-048 **Work Order #...:** HQVVQ **Matrix.....:** SO
Date Sampled...: 11/22/05 10:00 **Date Received..:** 11/23/05
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**87.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-849

General Chemistry

Lot-Sample #...: A5K230202-049 **Work Order #...:** HQVVR **Matrix.....:** SO
Date Sampled...: 11/22/05 10:00 **Date Received..:** 11/23/05
% Moisture.....: 19

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**81.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-850

General Chemistry

Lot-Sample #...: A5K230202-050 **Work Order #...:** HQVVX **Matrix.....:** SO
Date Sampled...: 11/22/05 10:10 **Date Received..:** 11/23/05
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**84.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-851

General Chemistry

Lot-Sample #...: A5K230202-051 **Work Order #...:** HQVV2 **Matrix.....:** SO
Date Sampled...: 11/22/05 10:10 **Date Received..:** 11/23/05
% Moisture.....: 7.9

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-852

General Chemistry

Lot-Sample #...: A5K230202-052 **Work Order #...:** HQVV8 **Matrix.....:** SO
Date Sampled...: 11/22/05 10:10 **Date Received..:** 11/23/05
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**87.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-853

General Chemistry

Lot-Sample #...: A5K230202-053 **Work Order #...:** HQVV9 **Matrix.....:** SO
Date Sampled...: 11/22/05 10:10 **Date Received..:** 11/23/05
% Moisture.....: 19

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**80.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-854

General Chemistry

Lot-Sample #...: A5K230202-054 **Work Order #...:** HQVWA **Matrix.....:** SO
Date Sampled...: 11/22/05 10:20 **Date Received..:** 11/23/05
% Moisture.....: 23

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**77.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329304**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-855

General Chemistry

Lot-Sample #...: A5K230202-055 **Work Order #...:** HQVWE **Matrix.....:** SO
Date Sampled...: 11/22/05 10:20 **Date Received..:** 11/23/05
% Moisture.....: 7.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329305**
	Dilution Factor: 1			MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-856

General Chemistry

Lot-Sample #...: A5K230202-056 **Work Order #...:** HQVWG **Matrix.....:** SO
Date Sampled...: 11/22/05 10:20 **Date Received..:** 11/23/05
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**88.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329305**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-857

General Chemistry

Lot-Sample #...: A5K230202-057 **Work Order #...:** HQVWH **Matrix.....:** SO
Date Sampled...: 11/22/05 10:20 **Date Received..:** 11/23/05
% Moisture.....: 18

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**82.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329305**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-862

General Chemistry

Lot-Sample #...: A5K230202-062 **Work Order #...:** HQVW3 **Matrix.....:** SO
Date Sampled...: 11/22/05 10:40 **Date Received..:** 11/23/05
% Moisture.....: 5.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**94.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329305**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-863

General Chemistry

Lot-Sample #...: A5K230202-063 **Work Order #...:** HQVW4 **Matrix.....:** SO
Date Sampled...: 11/22/05 10:40 **Date Received..:** 11/23/05
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**85.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329305**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-864

General Chemistry

Lot-Sample #...: A5K230202-064 **Work Order #...:** HQVW8 **Matrix.....:** SO
Date Sampled...: 11/22/05 10:40 **Date Received..:** 11/23/05
% Moisture.....: 18

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**82.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329305**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-865

General Chemistry

Lot-Sample #...: A5K230202-065 **Work Order #...:** HQVXC **Matrix.....:** SO
Date Sampled...: 11/22/05 10:40 **Date Received..:** 11/23/05
% Moisture.....: 22

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**78.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329305**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-876

General Chemistry

Lot-Sample #...: A5K230202-076 **Work Order #...:** HQV0A **Matrix.....:** SO
Date Sampled...: 11/22/05 11:20 **Date Received..:** 11/23/05
% Moisture.....: 3.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**96.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329305**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-877

General Chemistry

Lot-Sample #...: A5K230202-077 **Work Order #...:** HQV0C **Matrix.....:** SO
Date Sampled...: 11/22/05 11:20 **Date Received..:** 11/23/05
% Moisture.....: 3.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**96.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329305**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-878

General Chemistry

Lot-Sample #...: A5K230202-078 **Work Order #...:** HQV0D **Matrix.....:** SO
Date Sampled...: 11/22/05 11:20 **Date Received..:** 11/23/05
% Moisture.....: 8.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329305**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-879

General Chemistry

Lot-Sample #...: A5K230202-079 **Work Order #...:** HQV0F **Matrix.....:** SO
Date Sampled...: 11/22/05 11:20 **Date Received..:** 11/23/05
% Moisture.....: 19

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**81.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329305**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-887

General Chemistry

Lot-Sample #...: A5K230202-087 **Work Order #...:** HQV01 **Matrix.....:** SO
Date Sampled...: 11/22/05 11:50 **Date Received..:** 11/23/05
% Moisture.....: 9.1

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329305**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-888

General Chemistry

Lot-Sample #...: A5K230202-088 **Work Order #...:** HQV07 **Matrix.....:** SO
Date Sampled...: 11/22/05 11:50 **Date Received..:** 11/23/05
% Moisture.....: 7.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329305**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-889

General Chemistry

Lot-Sample #...: A5K230202-089 **Work Order #...:** HQV09 **Matrix.....:** SO
Date Sampled...: 11/22/05 11:50 **Date Received..:** 11/23/05
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**87.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329305**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-894

General Chemistry

Lot-Sample #...: A5K230202-094 **Work Order #...:** HQV1K **Matrix.....:** SO
Date Sampled...: 11/22/05 12:10 **Date Received..:** 11/23/05
% Moisture.....: 8.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329305**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-895

General Chemistry

Lot-Sample #...: A5K230202-095 **Work Order #...:** HQV1N **Matrix.....:** SO
Date Sampled...: 11/22/05 12:10 **Date Received..:** 11/23/05
% Moisture.....: 17

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**83.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329305**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-896

General Chemistry

Lot-Sample #...: A5K230202-096 **Work Order #...:** HQV1X **Matrix.....:** SO
Date Sampled...: 11/22/05 12:10 **Date Received..:** 11/23/05
% Moisture.....: 10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**89.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329305**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-112205-SSH-897

General Chemistry

Lot-Sample #...: A5K230202-097 **Work Order #...:** HQV12 **Matrix.....:** SO
Date Sampled...: 11/22/05 12:10 **Date Received..:** 11/23/05
% Moisture.....: 18

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**81.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/25-11/28/05**	**5329305**

Dilution Factor: 1 MDL.....: 10.0

QUALITY CONTROL SECTION

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQV851AA **Matrix.....:** SOLID
MB Lot-Sample #: A5K230000-468

Prep Date.....: 11/23/05
Analysis Date..: 11/29/05 **Prep Batch #...:** 5327468
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	99	(10 - 127)
Decachlorobiphenyl	101	(40 - 138)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQXWM1AA **Matrix.....:** SOLID
MB Lot-Sample #: A5K250000-148
Prep Date.....: 11/26/05
Analysis Date..: 11/29/05 **Prep Batch #...:** 5329148
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	103	(10 - 127)
Decachlorobiphenyl	83	(40 - 138)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQXWW1AA **Matrix.....:** SOLID
MB Lot-Sample #: A5K250000-150

Prep Date.....: 11/26/05
Analysis Date..: 11/29/05 **Prep Batch #...:** 5329150
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	95	(10 - 127)
Decachlorobiphenyl	91	(40 - 138)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQ0E01AA **Matrix.....:** SOLID
MB Lot-Sample #: A5K260000-050

Prep Date.....: 11/27/05
Analysis Date..: 11/30/05 **Prep Batch #...:** 5330050
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	81	(10 - 127)
Decachlorobiphenyl	73	(40 - 138)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQ8WP1AA **Matrix.....:** SOLID
MB Lot-Sample #: A5L010000-450

Prep Date.....: 12/01/05
Analysis Date..: 12/06/05 **Prep Batch #...:** 5335450
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	57	(10 - 127)
Decachlorobiphenyl	39 *	(40 - 138)

NOTE(S):

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

* Surrogate recovery is outside stated control limits.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQ9KJ1AA **Matrix.....:** SOLID
MB Lot-Sample #: A5L020000-047

Prep Date.....: 12/02/05
Analysis Date..: 12/06/05 **Prep Batch #...:** 5336047
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	42	(10 - 127)
Decachlorobiphenyl	26 *	(40 - 138)

NOTE(S):

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

* Surrogate recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQV851AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5K230000-468
Prep Date.....: 11/23/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5327468
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**320**	**ug/kg**	**96**	**SW846 8082**
Aroclor 1260	**330**	**340**	**ug/kg**	**101**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	100	(10 - 127)
Decachlorobiphenyl	84	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQV851AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5K230000-468
Prep Date.....: 11/23/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5327468
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**96**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**101**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	100	(10 - 127)
Decachlorobiphenyl	84	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQXWM1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5K250000-148
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329148
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**350**	**ug/kg**	**106**	**SW846 8082**
Aroclor 1260	**330**	**370**	**ug/kg**	**112**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	96	(10 - 127)
Decachlorobiphenyl	76	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQXWM1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5K250000-148
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329148
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**106**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**112**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	96	(10 - 127)
Decachlorobiphenyl	76	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQXWW1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5K250000-150
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329150
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**300**	**ug/kg**	**89**	**SW846 8082**
Aroclor 1260	**330**	**330**	**ug/kg**	**99**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	90	(10 - 127)
Decachlorobiphenyl	97	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQXWW1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5K250000-150
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329150
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**89**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**99**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	90	(10 - 127)
Decachlorobiphenyl	97	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQ0E01AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5K260000-050
Prep Date.....: 11/27/05 **Analysis Date..:** 11/30/05
Prep Batch #...: 5330050
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**210**	**ug/kg**	**62**	**SW846 8082**
Aroclor 1260	**330**	**210**	**ug/kg**	**64**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	67	(10 - 127)
Decachlorobiphenyl	60	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQ0E01AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5K260000-050
Prep Date.....: 11/27/05 **Analysis Date..:** 11/30/05
Prep Batch #...: 5330050
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**62**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**64**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	67	(10 - 127)
Decachlorobiphenyl	60	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQ8WP1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5L010000-450
Prep Date.....: 12/01/05 **Analysis Date..:** 12/06/05
Prep Batch #...: 5335450
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**190**	**ug/kg**	**58**	**SW846 8082**
Aroclor 1260	**330**	**160**	**ug/kg**	**49**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	60	(10 - 127)
Decachlorobiphenyl	47	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQ8WP1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5L010000-450
Prep Date.....: 12/01/05 **Analysis Date..:** 12/06/05
Prep Batch #...: 5335450
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**58**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**49**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	60	(10 - 127)
Decachlorobiphenyl	47	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQ9KJ1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5L020000-047
Prep Date.....: 12/02/05 **Analysis Date..:** 12/06/05
Prep Batch #...: 5336047
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**210**	**ug/kg**	**63**	**SW846 8082**
Aroclor 1260	**330**	**190**	**ug/kg**	**58**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	62	(10 - 127)
Decachlorobiphenyl	35 *	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQ9KJ1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A5L020000-047
Prep Date.....: 12/02/05 **Analysis Date..:** 12/06/05
Prep Batch #...: 5336047
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**63**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**58**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	62	(10 - 127)
Decachlorobiphenyl	35 *	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQVDH1AN-MS **Matrix.....:** SOLID
MS Lot-Sample #: A5K230176-033 HQVDH1AP-MSD
Date Sampled...: 11/22/05 **Date Received..:** 11/23/05
Prep Date.....: 11/23/05 **Analysis Date..:** 11/28/05
Prep Batch #...: 5327468
Dilution Factor: 1 **% Moisture.....:** 20

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**410**	**440**	**ug/kg**	**108**		**SW846 8082**
	ND	**410**	**440**	**ug/kg**	**106**	**1.1**	**SW846 8082**
Aroclor 1260	**ND**	**410**	**500**	**ug/kg**	**120**		**SW846 8082**
	ND	**410**	**500**	**ug/kg**	**121**	**0.35**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	101	(10 - 127)
	86	(10 - 127)
Decachlorobiphenyl	101	(40 - 138)
	106	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQVDH1AN-MS **Matrix.....:** SOLID
MS Lot-Sample #: A5K230176-033 HQVDH1AP-MSD
Date Sampled...: 11/22/05 **Date Received..:** 11/23/05
Prep Date.....: 11/23/05 **Analysis Date..:** 11/28/05
Prep Batch #...: 5327468
Dilution Factor: 1 **% Moisture.....:** 20

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**108**	**(10 - 200)**			**SW846 8082**
	106	**(10 - 200)**	**1.1**	**(0-30)**	**SW846 8082**
Aroclor 1260	**120**	**(10 - 200)**			**SW846 8082**
	121	**(10 - 200)**	**0.35**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	101	(10 - 127)
	86	(10 - 127)
Decachlorobiphenyl	101	(40 - 138)
	106	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQVN81AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5K230202-020 HQVN81AE-MSD
Date Sampled...: 11/22/05 08:50 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329148
Dilution Factor: 20

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**360**	**2500**	**ug/kg**	**703**		**SW846 8082**
	Qualifiers: DIL,a						
	ND	**360**	**2800**	**ug/kg**	**781**	**11**	**SW846 8082**
	Qualifiers: DIL,a						
Aroclor 1260	**10000**	**360**	**6600**	**ug/kg**	**0.0**		**SW846 8082**
	Qualifiers: DIL,a						
	10000	**360**	**8800**	**ug/kg**	**0.0**	**0.0**	**SW846 8082**
	Qualifiers: DIL,a						

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	90 DIL	(10 - 127)
	99 DIL	(10 - 127)
Decachlorobiphenyl	97 DIL	(40 - 138)
	145	(40 - 138)
	Qualifiers: DIL,*	

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQVN81AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5K230202-020 HQVN81AE-MSD
Date Sampled...: 11/22/05 08:50 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329148
Dilution Factor: 20

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**703 DIL,a**	**(10 - 200)**			**SW846 8082**
	781 DIL,a	**(10 - 200)**	**11**	**(0-30)**	**SW846 8082**
Aroclor 1260	**0.0 DIL,a**	**(10 - 200)**			**SW846 8082**
	0.0 DIL,a	**(10 - 200)**	**0.0**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	90 DIL	(10 - 127)
	99 DIL	(10 - 127)
Decachlorobiphenyl	97 DIL	(40 - 138)
	145	(40 - 138)

Qualifiers: DIL,*

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQVT51AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5K230202-040 HQVT51AE-MSD
Date Sampled...: 11/22/05 09:40 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329150
Dilution Factor: 5

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**370**	**430**	**ug/kg**	**115**		**SW846 8082**
	Qualifiers: DIL						
	ND	**370**	**550**	**ug/kg**	**147**	**25**	**SW846 8082**
	Qualifiers: DIL						
Aroclor 1260	**1300**	**370**	**990**	**ug/kg**	**0.0**		**SW846 8082**
	Qualifiers: DIL,a						
	1300	**370**	**1400**	**ug/kg**	**43 DIL**	**0.0**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	49 DIL	(10 - 127)
	345	(10 - 127)
	Qualifiers: DIL,*	
Decachlorobiphenyl	67 DIL	(40 - 138)
	76 DIL	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQVT51AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5K230202-040 HQVT51AE-MSD
Date Sampled...: 11/22/05 09:40 **Date Received..:** 11/23/05
Prep Date.....: 11/26/05 **Analysis Date..:** 11/29/05
Prep Batch #...: 5329150
Dilution Factor: 5

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**115 DIL**	**(10 - 200)**			**SW846 8082**
	147 DIL	**(10 - 200)**	**25**	**(0-30)**	**SW846 8082**
Aroclor 1260	**0.0 DIL,a**	**(10 - 200)**			**SW846 8082**
	43 DIL	**(10 - 200)**	**0.0**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	49 DIL	(10 - 127)
	345	(10 - 127)
	Qualifiers: DIL,*	
Decachlorobiphenyl	67 DIL	(40 - 138)
	76 DIL	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQJKD1AU-MS **Matrix.....:** SOLID
MS Lot-Sample #: A5K180245-001 HQJKD1AV-MSD
Date Sampled...: 11/18/05 08:30 **Date Received..:** 11/18/05
Prep Date.....: 11/27/05 **Analysis Date..:** 11/30/05
Prep Batch #...: 5330050
Dilution Factor: 1 **% Moisture.....:** 7.7

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**360**	**230**	**ug/kg**	**64**		**SW846 8082**
	ND	**360**	**270**	**ug/kg**	**75**	**17**	**SW846 8082**
Aroclor 1260	**ND**	**360**	**230**	**ug/kg**	**64**		**SW846 8082**
	ND	**360**	**220**	**ug/kg**	**61**	**4.6**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	67	(10 - 127)
	58	(10 - 127)
Decachlorobiphenyl	62	(40 - 138)
	47	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQJKD1AU-MS **Matrix.....:** SOLID
MS Lot-Sample #: A5K180245-001 HQJKD1AV-MSD
Date Sampled...: 11/18/05 08:30 **Date Received..:** 11/18/05
Prep Date.....: 11/27/05 **Analysis Date..:** 11/30/05
Prep Batch #...: 5330050
Dilution Factor: 1 **% Moisture.....:** 7.7

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**64**	**(10 - 200)**			**SW846 8082**
	75	**(10 - 200)**	**17**	**(0-30)**	**SW846 8082**
Aroclor 1260	**64**	**(10 - 200)**			**SW846 8082**
	61	**(10 - 200)**	**4.6**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	67	(10 - 127)
	58	(10 - 127)
Decachlorobiphenyl	62	(40 - 138)
	47	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQVMN1AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5K230202-012 HQVMN1AE-MSD
Date Sampled...: 11/22/05 08:30 **Date Received..:** 11/23/05
Prep Date.....: 12/02/05 **Analysis Date..:** 12/06/05
Prep Batch #...: 5336047
Dilution Factor: 2

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**360**	**880**	**ug/kg**	**248 a**		**SW846 8082**
	ND	**360**	**210**	**ug/kg**	**60 p**	**122**	**SW846 8082**
Aroclor 1260	**120**	**360**	**740**	**ug/kg**	**175**		**SW846 8082**
	120	**360**	**190**	**ug/kg**	**20 p**	**119**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	85	(10 - 127)
	53	(10 - 127)
Decachlorobiphenyl	64	(40 - 138)
	41	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A5K230202 **Work Order #...:** HQVMN1AD-MS **Matrix.....:** SO
MS Lot-Sample #: A5K230202-012 HQVMN1AE-MSD
Date Sampled...: 11/22/05 08:30 **Date Received..:** 11/23/05
Prep Date.....: 12/02/05 **Analysis Date..:** 12/06/05
Prep Batch #...: 5336047
Dilution Factor: 2

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**248 a**	**(10 - 200)**			**SW846 8082**
	60 p	**(10 - 200)**	**122**	**(0-30)**	**SW846 8082**
Aroclor 1260	**175**	**(10 - 200)**			**SW846 8082**
	20 p	**(10 - 200)**	**119**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	85	(10 - 127)
	53	(10 - 127)
Decachlorobiphenyl	64	(40 - 138)
	41	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A5K230202 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids		Work Order #: HQ04T1AA		MB Lot-Sample #:	A5K250000-303	
	ND	10.0	%	MCAWW 160.3 MOD	11/25-11/28/05	5329303
		Dilution Factor: 1				
Percent Solids		Work Order #: HQ1KA1AA		MB Lot-Sample #:	A5K250000-304	
	ND	10.0	%	MCAWW 160.3 MOD	11/25-11/28/05	5329304
		Dilution Factor: 1				
Percent Solids		Work Order #: HQ1KD1AA		MB Lot-Sample #:	A5K250000-305	
	ND	10.0	%	MCAWW 160.3 MOD	11/25-11/28/05	5329305
		Dilution Factor: 1				
Percent Solids		Work Order #: HQ1R51AA		MB Lot-Sample #:	A5K280000-422	
	ND	10.0	%	MCAWW 160.3 MOD	11/28-11/29/05	5332422
		Dilution Factor: 1				
Percent Solids		Work Order #: HQ80A1AA		MB Lot-Sample #:	A5L010000-460	
	ND	10.0	%	MCAWW 160.3 MOD	12/01-12/02/05	5335460
		Dilution Factor: 1				
Percent Solids		Work Order #: HRADH1AA		MB Lot-Sample #:	A5L020000-226	
	ND	10.0	%	MCAWW 160.3 MOD	12/02-12/05/05	5336226
		Dilution Factor: 1				

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5K230202 **Work Order #...:** HQVJ3-SMP **Matrix.....:** SO
HQVJ3-DUP
Date Sampled...: 11/22/05 08:00 **Date Received..:** 11/23/05
% Moisture.....: 4.8

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5K230202-001		
	95.2	96.3	%	1.1	(0-20)	MCAWW 160.3 MOD	11/25-11/28/05	5329303

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5K230202 **Work Order #...:** HQVN8-SMP **Matrix.....:** SO
HQVN8-DUP
Date Sampled...: 11/22/05 08:50 **Date Received..:** 11/23/05
% Moisture.....: 7.2

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5K230202-020		
	92.8	93.4	%	0.59	(0-20)	MCAWW 160.3 MOD	11/25-11/28/05	5329303

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5K230202 **Work Order #...:** HQVTC-SMP **Matrix.....:** SO
HQVTC-DUP
Date Sampled...: 11/22/05 09:10 **Date Received..:** 11/23/05
% Moisture.....: 19

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5K230202-031		
	81.0	81.2	%	0.26	(0-20)	MCAWW 160.3 MOD	11/25-11/28/05	5329304

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5K230202 **Work Order #...:** HQVWA-SMP **Matrix.....:** SO
HQVWA-DUP
Date Sampled...: 11/22/05 10:20 **Date Received..:** 11/23/05
% Moisture.....: 23

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5K230202-054		
	77.2	77.1	%	0.17	(0-20)	MCAWW 160.3 MOD	11/25-11/28/05	5329304

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5K230202 **Work Order #...:** HQVWE-SMP **Matrix.....:** SO
HQVWE-DUP
Date Sampled...: 11/22/05 10:20 **Date Received..:** 11/23/05
% Moisture.....: 7.4

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5K230202-055		
	92.7	89.2	%	3.8	(0-20)	MCAWW 160.3 MOD	11/25-11/28/05	5329305

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5K230202 **Work Order #...:** HQV12-SMP **Matrix.....:** SO
HQV12-DUP
Date Sampled...: 11/22/05 12:10 **Date Received..:** 11/23/05
% Moisture.....: 18

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5K230202-097		
	81.9	82.4	%	0.59	(0-20)	MCAWW 160.3 MOD	11/25-11/28/05	5329305

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5K230202 **Work Order #...:** HQX3R-SMP **Matrix.....:** SOLID
HQX3R-DUP
Date Sampled...: 11/22/05 08:15 **Date Received..:** 11/23/05
% Moisture.....: 20

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5K250160-001		
	80.4	78.6	%	2.3	(0-20)	MCAWW 160.3 MOD	11/28-11/29/05	5332422

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5K230202 **Work Order #...:** HQVNN-SMP HQVNN-DUP **Matrix.....:** SO

Date Sampled...: 11/22/05 08:40 **Date Received..:** 11/23/05

% Moisture.....: 5.8

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5K230202-016		
	94.2	93.2	%	1.0	(0-20)	MCAWW 160.3 MOD	12/01-12/02/05	5335460

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A5K230202 **Work Order #...:** HQVNF-SMP HQVNF-DUP **Matrix.....:** SO

Date Sampled...: 11/22/05 08:30 **Date Received..:** 11/23/05

% Moisture.....: 7.7

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A5K230202-013		
	92.3	94.7	%	2.6	(0-20)	MCAWW 160.3 MOD	12/02-12/05/05	5336226

Dilution Factor: 1

GM REALM
ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

203

PAGE 1 OF 7

ID # NT 02309

SSOW Ref. Code: E131010

Required Client Information:

Company: CRA, Inc.	Report To: Mike Tomka
Address:	Copy To: Paul Wiseman
756 Sheldon Rd Ste 200	Invoice To: Mike Tomka
Plymouth, MI 48170	P.O.:
Phone: 734-453-5123	Project Name: CMPT SMCO
Fax: -5201	Project Number: 17075-30-02
E-mail: crawford_ilson	

Laboratory:	STL
Laboratory Location:	North Canton OH
Laboratory Contact:	Denise Heckle
Requested Due Date:	11/29/05 TAT: 48 hrs
QA/QC Requirements:	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Analysis and Method: PCBs	Remarks/Lab ID
S-112205-SSH-801	SO	11/22/05	800	1	X						X	RUSH
-802			800	1	X						X	
-803			800	1	X						X	
-804			800	1	X						X	
-805			801	1	X						X	
-806			810	1	X						X	
-807			810	1	X						X	
-808			810	1	X						X	
-809			810	1	X						X	
-810			820	1	X						X	
-811			820	1	X						X	
-812			830	1	X						X	Hold
-813			830	1	X						X	Hold
-814			830	1	X						X	Hold
-815			830	1	X						X	Hold
TOTAL NUMBER OF CONTAINERS				15								

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	5	S. Hoesmeyer / CRA	11/22/05	1800	[illegible] / STL	11/23/05	0810
AIRBILL NO. 8526 7579 7061							

Sample Condition

Temp in °C	
Received on Ice	Y N
Sealed Cooler	Y N
Samples Intact	Y N

Additional Comments:

Sampler Name: Steven S. Hoesmeyer

Sampler Signature: S. Hoesmeyer Date: 11/22/05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

STL North Canton

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 2 OF 7

ID # N 02307

SSOW Ref. Code: E131010

equired Client Information:

ompany: SAME	Report To:
ddress:	Copy To:
	Invoice To: SAME
	P.O.:
hone:	Project Name: AS
x: AS PAGE 1	Project Number: PAGE 1
mail:	

Laboratory:	
Laboratory Location:	
Laboratory Contact:	SAME AS
Requested Due Date:	TAT:
QA/QC Requirements:	PAGE 1

Valid Matrix Codes: WG Groundwater, WB Borehole Water, WS Surface Water, SO Soil, SE Sediment. See Back for Additional Codes

ample Identification	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	PCBs	Remarks/Lab ID
S-112205-SSH-816	SO	11/22/05	840	1	X						X	RUSH Hold
-817			840	1	X						X	Hold
-818			840	1	X						X	Hold
-819			840	1	X						X	Hold
-820 MS/MSD			850	3	X						X	MS/MSD
-821			850	1	X						X	
-822			850	1	X						X	
-823			850	1	X						X	
-824			900	1	X						X	Hold
-825			900	1	X						X	Hold
-826			900	1	X						X	Hold
-827			900	1	X						X	Hold
-828			910	1	X						X	
-829			910	1	X						X	
-830			910	1	X						X	
TOTAL NUMBER OF CONTAINERS				17								

HIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	5	[signature] / CRA	11/22/05	1800	[signature] / STL	11/23/05	1010

RBILL NO. 8526 7579 7061

Sample Condition

mp in °C	
eceived on Ice	Y N
ealed Cooler	Y N
mples Intact	Y N

Additional Comments:

Sampler Name: Steven S. Hoiwincys

Sampler Signature: [signature] Date: 11/22/05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV 016041

CONESTOGA-ROVERS & ASSOCIATES

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 3 OF 7

ID # № D 0629

SSOW Ref. Code: E131010

Required Client Information:

Company: CRA, Inc.	Report To:	Laboratory:	
Address: 14496 Sheldon Rd.	Copy To: SAME	Laboratory Location: SAME AS	
Suite 200	Invoice To:	Laboratory Contact:	
Plymouth, MI 48170	P.O.: AS	Requested Due Date: PAGE 1	TAT:
Phone: 734-453-5123	Project Name:	QA/QC Requirements:	
Fax: 734-453-5201	Project Number: PAGE 1		
Email:			

Valid Matrix Codes: WG Groundwater, WB Borehole Water, WS Surface Water, SO Soil, SE Sediment. See Back for Additional Codes

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	PCBs	Remarks/Lab ID
S-112205-SSH-831	SO	11/22/05	910	1	X						X	RUSH
-832			920	1	X						X	Hold
-833			920	1	X						X	Hold
-834			920	1	X						X	Hold
-835			920	1	X						X	Hold
-836			930	1	X						X	
-837			930	1	X						X	
-838			930	1	X						X	
-839			930	1	X						X	
-840			940	1	X						X	
-841			940	1	X						X	
-842			950	1	X						X	
-843			950	1	X						X	
-844			950	1	X						X	
-845			950	1	X						X	
TOTAL NUMBER OF CONTAINERS				15								

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	5	[signature]	11/22/05	1800	[signature]	11/23/05	1010
AIRBILL NO. 8526 7574 7061							

Sample Condition

Temp in C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Steve S. Howemeyer

Sampler Signature: [signature] Date: 11/22/05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Shipper GOLDENROD - Sampler Copy

REV 0 (6/04)

206

CONESTOGA-ROVERS & ASSOCIATES

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 4 OF 7

ID # Nº D 0631

SSOW Ref. Code: E131010

Required Client Information:

Company: CRA, Inc.	Report To:
Address: 14496 Sheldon Rd.	Copy To: SAME
Suite 200	Invoice To: AS
Plymouth, MI 48170	P.O.:
Phone: 734-453-5123	Project Name: PAGE 1
Fax: 734-453-5201	Project Number:
Email:	

Laboratory:	
Laboratory Location:	SAME AS
Laboratory Contact:	PAGE 1
Requested Due Date:	TAT:
QA/QC Requirements:	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Analysis and Method: PCBs	Remarks/Lab ID
S-112205-SSH-846	SO	11/22/05	1000	1	X						X	RUSH
-847			1000	1	X						X	
-848			1000	1	X						X	
-849			1000	1	X						X	
-850			1010	1	X						X	
-851			1010	1	X						X	
-852			1010	1	X						X	
-853			1010	1	X						X	
-854			1020	1	X						X	
-855			1020	1	X						X	
-856			1020	1	X						X	
-857			1020	1	X						X	
-858			1030	1	X						X	Hold
-859			1030	1	X						X	Hold
-860 MS/MSD			1030	3	X						X	Hold
TOTAL NUMBER OF CONTAINERS				17								

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	5	Steven S. Hoover / CRA	11/22/05	1800	[illegible]	11/23/05	1010
AIRBILL NO. 8576 7579 7061							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y N
Samples Intact	Y N

Additional Comments:

Sampler Name: Steven S. Hoover

Sampler Signature: [signature] Date: 11/22/05

STL North Canton

Distribution: WHITE - Fully Executed Copy; YELLOW - Receiving Laboratory Copy; PINK - Shipper; GOLDENROD - Sampler Copy

REV. 0 (6/03)

CONESTOGA-ROVERS & ASSOCIATES

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

207

PAGE 5 OF 7

ID # Nº D 0632

SSOW Ref. Code: E131010

quired Client Information:

ompany: CRA, Inc.	Report To:
ddress: 14496 Sheldon Rd.	Copy To: SAME
Suite 200	Invoice To: AS
Plymouth, MI 48170	P.O.:
none: 734-453-5123	Project Name: PAGE 1
ax: 734-453-5201	Project Number:
mail:	

Laboratory:	
Laboratory Location:	SAME AS
Laboratory Contact:	PAGE 1
Requested Due Date:	TAT:
QA/QC Requirements:	

Analysis and Method

Preservative

Valid Matrix Codes:
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment
See Back for Additional Codes

mple Identification:

	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	PCBs	Remarks/Lab ID
S-112205-SSH-861	SO	11/22/05	1030	1	X						X	RUSH Hold
-862			1040	1	X						X	
-863			1040	1	X						X	
-864			1040	1	X						X	
-865			1040	1	X						X	
-866			1050	1	X						X	Hold
-867			1050	1	X						X	Hold
-868			1050	1	X						X	Hold
-869			1050	1	X						X	Hold
-870			1100	1	X						X	Hold
-871			1100	1	X						X	Hold
-872			1110	1	X						X	Hold
-873			1110	1	X						X	Hold
-874			1110	1	X						X	Hold
-875			1110	1	X						X	Hold
TOTAL NUMBER OF CONTAINERS				15								

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	5		11/22/05	1800		11/23/05	1020
AIRBILL NO. 8526 7579 7061							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Steven S Howinnyer

Sampler Signature: Date: 11/22/05

STL North Canton

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Shipper GOLDENROD - Sampler Copy

REV. 0 (6/04)

CONESTOGA-ROVERS & ASSOCIATES

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

208

PAGE 6 OF 7

ID # Nº D 0633

SSOW Ref. Code: E131010

quired Client Information:

ompany: CRA, Inc.	Report To:
ddress: 14496 Sheldon Rd.	Copy To: SAME
Suite 200	Invoice To: AS
Plymouth, MI 48170	P.O.:
one: 734-453-5123	Project Name: PAGE 1
ax: 734-453-5201	Project Number:
mail:	

Laboratory:	
Laboratory Location:	SAME AS
Laboratory Contact:	PAGE 1
Requested Due Date:	TAT:
QA/QC Requirements:	

Valid Matrix Codes: WG Groundwater, WB Borehole Water, WS Surface Water, SO Soil, SE Sediment, See Back for Additional Codes

Analysis and Method

mple Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	PCBs	Remarks/Lab ID
S-112205-SSH-876	SO	11/22/05	1120	1	X						X	RUSH
-877			1120	1	X						X	
-878			1120	1	X						X	
-879			1120	1	X						X	
-880			1130	1	X						X	Hold
-881			1130	1	X						X	Hold
-882			1130	1	X						X	Hold
-883			1140	1	X						X	Hold
-884			1140	1	X						X	Hold
-885			1140	1	X						X	Hold
-886			1140	1	X						X	Hold
-887			1150	1	X						X	
-888			1150	1	X						X	
-889			1150	1	X						X	
-890			1200	1	X						✓	Hold
TOTAL NUMBER OF CONTAINERS				15								

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	5	Steve Howerter / CRA	11/22/05	1800	[signature]	11/23/05	1010
AIRBILL NO. 8526 7577 7061							

Sample Condition

emp in °C	
eceived on Ice	Y / N
ealed Cooler	Y / N
amples Intact	Y / N

Additional Comments:

Sampler Name: Steven S. Howerter

Sampler Signature: [signature] Date: 11/22/05

STL North Canton

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Shipper GOLDENROD - Sampler Copy

REV. 0 (6/04)

CONESTOGA-ROVERS & ASSOCIATES

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

209

PAGE 7 OF 7

ID # Nº D 0634

SSOW Ref. Code: E131010

Required Client Information:

Company: CRA, Inc.	Report To:
Address: 14496 Sheldon Rd.	Copy To: SAME
Suite 200	Invoice To: AS
Plymouth, MI 48170	P.O.: PAGE 1
Phone: 734-453-5123	Project Name:
Fax: 734-453-5201	Project Number:
Email:	

Laboratory:	
Laboratory Location:	SAME AS
Laboratory Contact:	PAGE 1
Requested Due Date:	TAT:
QA/QC Requirements:	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Preservative

Analysis and Method

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	PLOS	Remarks/Lab ID
S-112205-SSH-891	SO	11/22/05	1200	1	X						X	RUSH Hold
-892			1200	1	X						X	Hold
-893			1200	1	X						X	Hold
-894			1210	1	X						X	
-895			1210	1	X						X	
-896			1210	1	X						X	
-897			1210	1	X						X	
-898			1220	1	X						X	Hold
-899			1220	1	X						X	Hold
10. -900MS/MSD			1220	3	X						X	Hold
11. -901			1220	1	X						X	Hold
12. -902			1230	1	X						X	Hold
13. -903			1230	1	X						X	Hold
14. -904			1230	1	X						X	Hold
15. -905			1230	1	X						X	Hold
TOTAL NUMBER OF CONTAINERS				17	Total = 111							

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	5	Steven S. Howenmyer / CRA	11/22/05	1800		11/23/05	1010
AIRBILL NO. 8526 2579 7061							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Steven S. Howenmyer

Sampler Signature: Steven S. Howenmyer Date: 11/22/05

STL North Canton

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Shipper GOLDENROD - Sampler Copy

REV. 7/6/04

STL Cooler Receipt Form/Narrative **Lot Number:** A3K230202

North Canton Facility

Client: CKA Project: GMPT Quote#:

Cooler Received on: 11/23/05 Opened on: 11/23/05 by: (Signature)

Fedx ☒ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ STL Courier ☐

Stetson ☐ US Cargo ☐ Other:

STL Cooler No# See back Foam Box ☐ Client Cooler ☐ Other

1. Were custody seals on the outside of the cooler? Yes ☒ No ☐ Intact? Yes ☒ No ☐ NA ☐
   If YES, Quantity 3
   Were the custody seals signed and dated? Yes ☒ No ☐ NA ☐
2. Shipper's packing slip attached to this form? Yes ☒ No ☐ NA ☐
3. Did custody papers accompany the samples? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☐ None ☐ Other :
6. Cooler temperature upon receipt _____ °C (see back of form for multiple coolers/temp)

METHOD: Temp Vial ☐ Coolant & Sample ☐ Against Bottles ☐ IR ☒ ICE/H_2O Slurry ☐

COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? 5.5 D Yes ☒ No ☒
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☒ No ☐
9. Were samples at the correct pH? (record below/on back) Yes ☐ No ☐ NA ☒
10. Were correct bottles used for the tests indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☒
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a Trip Blank present in the cooler? Yes ☐ No ☒ Were VOAs on the COC? Yes ☐ No ☒
14. Does the trip blank number match the cooler number in which it was received? Yes ☐ No ☐ NA ☒

Contacted PM DDH Date: 11/23/05 by: TB via Voice Mail ☒ Verbal ☐ Other ☐

Concerning: # 1

√	

1. CHAIN OF CUSTODY

The following discrepancies occurred:

Rec'd 1x100ml broken Label = 866 Remaining soil transferred to new container 1x100ml

2. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) 866 were received in a broken container.

3. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot #* 091305-*HNO3; Sulfuric Acid Lot #* 041305-*H2SO4; Sodium Hydroxide Lot #* -041305 -*NaOH; Hydrochloric Acid Lot #* 100504-*HCl; Sodium Hydroxide and Zinc Acetate Lot #* 071604-*CH3COO2ZN/NaOH*

Sample(s) _____ were received with bubble > 6 mm in diameter (cc: PM)

4. Other (see below or back)

Client ID	pH	Date	Initials

STL Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp	Method	Coolant
1270	4.1°C	IR	wet ice
241-060	4.7°C	"	"
059	3.5°C	"	"
227	3.0°C	"	"
017	3.1°C	"	"

Discrepancies Cont.

SEVERN TRENT STL

END OF REPORT

Table of Contents

Return to Navigator

SEVERN TRENT STL

STL North Canton
4101 Shuffel Drive NW
North Canton, OH 44720

Tel: 330 497 9396 Fax: 330 497 0772
www.stl-inc.com

ANALYTICAL REPORT

PROJECT NO. 17075-30-02

GMPT SMCO SSOW# E131012

Lot #: A6E020140

Paul Wiseman (PM)

Conestoga Rovers & Assoc., Inc
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

SEVERN TRENT LABORATORIES, INC.

Denise D. Heckler
Project Manager

May 5, 2006

CASE NARRATIVE

A6E020140

The following report contains the analytical results for six solid samples submitted to STL North Canton by Conestoga-Rovers & Associates, Inc. from the GMPT SMCO SSOW# E131012 Site, project number 17075-30-02. The samples were received May 02, 2006, according to documented sample acceptance procedures.

STL utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

STL North Canton attests to the validity of the laboratory data generated by STL facilities reported herein. All analyses performed by STL facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. STL's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by a dry weight adjustment footnote at the bottom of the analytical report page. The list of parameters which are never reported on a dry weight basis is included on the Sample Summary.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

If you have any questions, please call the Project Manager, Denise D. Heckler, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT." The total number of pages in this report is 33.

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperature of the cooler upon sample receipt was 1.5°C.

CASE NARRATIVE (continued)

POLYCHLORINATED BIPHENYLS-8082

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

The matrix spike/matrix spike duplicate(s) for S-050106-SSH-001 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

For sample S-050106-SSH-001 the recovery for one surrogate compound is outside acceptance criteria. Since the method criterion is that one of two surrogate compounds must meet acceptance criteria, no corrective action was required.

GENERAL CHEMISTRY

The analytical results met the requirements of the laboratory's QA/QC program.

QUALITY CONTROL ELEMENTS OF SW-846 METHODS

STL North Canton conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. STL North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples. These QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. The only exception is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed below.)
-

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable. The acceptance criteria do not apply to samples that are diluted for organics if the native sample amount is 4x the concentration of the spike.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepped and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepped and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide, PCB, and PAH methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria.

STL North Canton Certifications and Approvals:

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),
Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Ohio (#6090), OhioVAP (#CL0024), Utah (#QUAN9), West Virginia (#210), Wisconsin (#999518190),NAVY, ARMY, USDA Soil Permit, ACIL Seal of Excellence – Participating Lab Status Award (#82)

EXECUTIVE SUMMARY - Detection Highlights

A6E020140

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-050106-SSH-001 05/01/06 15:00 001				
Aroclor 1260	900	85	ug/kg	SW846 8082
Percent Solids	77.8	10.0	%	MCAWW 160.3 MOD
S-050106-SSH-002 05/01/06 15:10 002				
Aroclor 1260	21000	2200	ug/kg	SW846 8082
Percent Solids	75.0	10.0	%	MCAWW 160.3 MOD
S-050106-SSH-003 05/01/06 15:20 003				
Aroclor 1248	10000	910	ug/kg	SW846 8082
Aroclor 1260	7600	910	ug/kg	SW846 8082
Percent Solids	72.5	10.0	%	MCAWW 160.3 MOD
S-050106-SSH-004 05/01/06 15:30 004				
Aroclor 1248	2900	450	ug/kg	SW846 8082
Aroclor 1260	1000	450	ug/kg	SW846 8082
Percent Solids	73.7	10.0	%	MCAWW 160.3 MOD
S-050106-SSH-005 05/01/06 15:40 005				
Aroclor 1248	25000	2100	ug/kg	SW846 8082
Aroclor 1260	1900 J	2100	ug/kg	SW846 8082
Percent Solids	80.3	10.0	%	MCAWW 160.3 MOD
S-050106-SSH-006 05/01/06 15:50 006				
Aroclor 1248	13000	2100	ug/kg	SW846 8082
Percent Solids	79.5	10.0	%	MCAWW 160.3 MOD

ANALYTICAL METHODS SUMMARY

A6E020140

PARAMETER	ANALYTICAL METHOD
PCBs by SW-846 8082	SW846 8082
Total Residue as Percent Solids	MCAWW 160.3 MOD

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A6E020140

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
H4HC1	001	S-050106-SSH-001	05/01/06	15:00
H4HC4	002	S-050106-SSH-002	05/01/06	15:10
H4HC5	003	S-050106-SSH-003	05/01/06	15:20
H4HC7	004	S-050106-SSH-004	05/01/06	15:30
H4HC8	005	S-050106-SSH-005	05/01/06	15:40
H4HC9	006	S-050106-SSH-006	05/01/06	15:50

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-050106-SSH-001

GC Semivolatiles

Lot-Sample #...: A6E020140-001 **Work Order #...:** H4HC11AC **Matrix.....:** SO
Date Sampled...: 05/01/06 15:00 **Date Received..:** 05/02/06
Prep Date.....: 05/02/06 **Analysis Date..:** 05/03/06
Prep Batch #...: 6122401
Dilution Factor: 2
% Moisture.....: 22 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	85	ug/kg	17
Aroclor 1221	ND	85	ug/kg	25
Aroclor 1232	ND	85	ug/kg	13
Aroclor 1242	ND	85	ug/kg	26
Aroclor 1248	ND	85	ug/kg	12
Aroclor 1254	ND	85	ug/kg	11
Aroclor 1260	**900**	**85**	**ug/kg**	**21**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	39	(10 - 127)
Decachlorobiphenyl	36 *	(40 - 138)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-050106-SSH-002

GC Semivolatiles

Lot-Sample #...: A6E020140-002 **Work Order #...:** H4HC41AC **Matrix.....:** SO
Date Sampled...: 05/01/06 15:10 **Date Received..:** 05/02/06
Prep Date.....: 05/02/06 **Analysis Date..:** 05/03/06
Prep Batch #...: 6122401
Dilution Factor: 50
% Moisture.....: 25 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	2200	ug/kg	450
Aroclor 1221	ND	2200	ug/kg	660
Aroclor 1232	ND	2200	ug/kg	350
Aroclor 1242	ND	2200	ug/kg	670
Aroclor 1248	ND	2200	ug/kg	320
Aroclor 1254	ND	2200	ug/kg	290
Aroclor 1260	**21000**	**2200**	**ug/kg**	**530**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	109 DIL	(10 - 127)
Decachlorobiphenyl	96 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-050106-SSH-003

GC Semivolatiles

Lot-Sample #...: A6E020140-003 **Work Order #...:** H4HC51AC **Matrix.....:** SO
Date Sampled...: 05/01/06 15:20 **Date Received..:** 05/02/06
Prep Date.....: 05/02/06 **Analysis Date..:** 05/03/06
Prep Batch #...: 6122401
Dilution Factor: 20
% Moisture.....: 28 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	910	ug/kg	180
Aroclor 1221	ND	910	ug/kg	270
Aroclor 1232	ND	910	ug/kg	140
Aroclor 1242	ND	910	ug/kg	280
Aroclor 1248	**10000**	**910**	**ug/kg**	**130**
Aroclor 1254	ND	910	ug/kg	120
Aroclor 1260	**7600**	**910**	**ug/kg**	**220**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	96 DIL	(10 - 127)
Decachlorobiphenyl	37 DIL,*	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-050106-SSH-004

GC Semivolatiles

Lot-Sample #...: A6E020140-004 **Work Order #...:** H4HC71AC **Matrix.....:** SO
Date Sampled...: 05/01/06 15:30 **Date Received..:** 05/02/06
Prep Date.....: 05/02/06 **Analysis Date..:** 05/03/06
Prep Batch #...: 6122401
Dilution Factor: 10
% Moisture.....: 26 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	450	ug/kg	91
Aroclor 1221	ND	450	ug/kg	130
Aroclor 1232	ND	450	ug/kg	71
Aroclor 1242	ND	450	ug/kg	140
Aroclor 1248	**2900**	**450**	**ug/kg**	**65**
Aroclor 1254	ND	450	ug/kg	58
Aroclor 1260	**1000**	**450**	**ug/kg**	**110**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	76 DIL	(10 - 127)
Decachlorobiphenyl	48 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-050106-SSH-005

GC Semivolatiles

Lot-Sample #...: A6E020140-005 **Work Order #...:** H4HC81AC **Matrix.....:** SO
Date Sampled...: 05/01/06 15:40 **Date Received..:** 05/02/06
Prep Date.....: 05/02/06 **Analysis Date..:** 05/03/06
Prep Batch #...: 6122401
Dilution Factor: 50
% Moisture.....: 20 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	2100	ug/kg	420
Aroclor 1221	ND	2100	ug/kg	620
Aroclor 1232	ND	2100	ug/kg	320
Aroclor 1242	ND	2100	ug/kg	620
Aroclor 1248	**25000**	**2100**	**ug/kg**	**300**
Aroclor 1254	ND	2100	ug/kg	270
Aroclor 1260	**1900 J**	**2100**	**ug/kg**	**500**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	68 DIL	(10 - 127)
Decachlorobiphenyl	50 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-050106-SSH-006

GC Semivolatiles

Lot-Sample #...: A6E020140-006 **Work Order #...:** H4HC91AC **Matrix.....:** SO
Date Sampled...: 05/01/06 15:50 **Date Received..:** 05/02/06
Prep Date.....: 05/02/06 **Analysis Date..:** 05/03/06
Prep Batch #...: 6122401
Dilution Factor: 50
% Moisture.....: 21 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	2100	ug/kg	420
Aroclor 1221	ND	2100	ug/kg	620
Aroclor 1232	ND	2100	ug/kg	330
Aroclor 1242	ND	2100	ug/kg	630
Aroclor 1248	**13000**	**2100**	**ug/kg**	**300**
Aroclor 1254	ND	2100	ug/kg	270
Aroclor 1260	ND	2100	ug/kg	500

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	93 DIL	(10 - 127)
Decachlorobiphenyl	61 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-050106-SSH-001

General Chemistry

Lot-Sample #...: A6E020140-001 **Work Order #...:** H4HC1 **Matrix.....:** SO
Date Sampled...: 05/01/06 15:00 **Date Received..:** 05/02/06
% Moisture.....: 22

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**77.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**05/02-05/03/06**	**6122505**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-050106-SSH-002

General Chemistry

Lot-Sample #...: A6E020140-002 **Work Order #...:** H4HC4 **Matrix.....:** SO
Date Sampled...: 05/01/06 15:10 **Date Received..:** 05/02/06
% Moisture.....: 25

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**75.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**05/02-05/03/06**	**6122505**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-050106-SSH-003

General Chemistry

Lot-Sample #...: A6E020140-003 **Work Order #...:** H4HC5 **Matrix.....:** SO
Date Sampled...: 05/01/06 15:20 **Date Received..:** 05/02/06
% Moisture.....: 28

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**72.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**05/02-05/03/06**	**6122505**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-050106-SSH-004

General Chemistry

Lot-Sample #...: A6E020140-004 **Work Order #...:** H4HC7 **Matrix.....:** SO
Date Sampled...: 05/01/06 15:30 **Date Received..:** 05/02/06
% Moisture.....: 26

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**73.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**05/02-05/03/06**	**6122505**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-050106-SSH-005

General Chemistry

Lot-Sample #...: A6E020140-005 **Work Order #...:** H4HC8 **Matrix.....:** SO
Date Sampled...: 05/01/06 15:40 **Date Received..:** 05/02/06
% Moisture.....: 20

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**80.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**05/02-05/03/06**	**6122505**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-050106-SSH-006

General Chemistry

Lot-Sample #...: A6E020140-006 **Work Order #...:** H4HC9 **Matrix.....:** SO
Date Sampled...: 05/01/06 15:50 **Date Received..:** 05/02/06
% Moisture.....: 21

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**79.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**05/02-05/03/06**	**6122505**

Dilution Factor: 1 MDL.....: 10.0

QUALITY CONTROL SECTION

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A6E020140 **Work Order #...:** H4H9M1AA **Matrix.....:** SOLID
MB Lot-Sample #: A6E020000-401

Prep Date.....: 05/02/06
Analysis Date..: 05/03/06 **Prep Batch #...:** 6122401
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	70	(10 - 127)
Decachlorobiphenyl	57	(40 - 138)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A6E020140 **Work Order #...:** H4H9M1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A6E020000-401
Prep Date.....: 05/02/06 **Analysis Date..:** 05/03/06
Prep Batch #...: 6122401
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**220**	**ug/kg**	**66**	**SW846 8082**
Aroclor 1260	**330**	**230**	**ug/kg**	**70**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	74	(10 - 127)
Decachlorobiphenyl	74	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A6E020140 **Work Order #...:** H4H9M1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A6E020000-401
Prep Date.....: 05/02/06 **Analysis Date..:** 05/03/06
Prep Batch #...: 6122401
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**66**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**70**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	74	(10 - 127)
Decachlorobiphenyl	74	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A6E020140 **Work Order #...:** H4HC11AD-MS **Matrix.....:** SO
MS Lot-Sample #: A6E020140-001 H4HC11AE-MSD
Date Sampled...: 05/01/06 15:00 **Date Received..:** 05/02/06
Prep Date.....: 05/02/06 **Analysis Date..:** 05/03/06
Prep Batch #...: 6122401
Dilution Factor: 2

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**430**	**120**	**ug/kg**	**28**		**SW846 8082**
	ND	**430**	**200**	**ug/kg**	**47 p**	**52**	**SW846 8082**
Aroclor 1260	**900**	**430**	**500**	**ug/kg**	**0.0 a**		**SW846 8082**
	900	**430**	**1300**	**ug/kg**	**88**	**0.0**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	26	(10 - 127)
	45	(10 - 127)
Decachlorobiphenyl	23 *	(40 - 138)
	43	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A6E020140 **Work Order #...:** H4HC11AD-MS **Matrix.....:** SO
MS Lot-Sample #: A6E020140-001 H4HC11AE-MSD
Date Sampled...: 05/01/06 15:00 **Date Received..:** 05/02/06
Prep Date.....: 05/02/06 **Analysis Date..:** 05/03/06
Prep Batch #...: 6122401
Dilution Factor: 2

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**28**	**(10 - 200)**			**SW846 8082**
	47 p	**(10 - 200)**	**52**	**(0-30)**	**SW846 8082**
Aroclor 1260	**0.0 a**	**(10 - 200)**			**SW846 8082**
	88	**(10 - 200)**	**0.0**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	26	(10 - 127)
	45	(10 - 127)
Decachlorobiphenyl	23 *	(40 - 138)
	43	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A6E020140 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids		Work Order #: H4K311AA		MB Lot-Sample #:	A6E020000-505	
	ND	10.0	%	MCAWW 160.3 MOD	05/02-05/03/06	6122505
		Dilution Factor: 1				

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A6E020140 **Work Order #...:** H3WML-SMP **Matrix.....:** SOLID
H3WML-DUP
Date Sampled...: 04/21/06 08:11 **Date Received..:** 04/22/06
% Moisture.....: 1.6

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A6D220151-001		
	98.4	97.9	%	0.45	(0-20)	MCAWW 160.3 MOD	05/02-05/03/06	6122505

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A6E020140 **Work Order #...:** H4HKA-SMP **Matrix.....:** SOLID
H4HKA-DUP
Date Sampled...: 05/01/06 14:00 **Date Received..:** 05/02/06
% Moisture.....: 24

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A6E020163-002		
	76.5	77.0	%	0.73	(0-20)	MCAWW 160.3 MOD	05/02-05/03/06	6122505

Dilution Factor: 1

GM REALM
ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately

30

PAGE 1 OF 1

ID # 01732

SSOW Ref. Code: 131002

Required Client Information:

Company: CRA, Inc.	Report To: Mike Tonka - CRA
Address: 1496 Sheldon Rd Ste 200	Copy To: Steve Howmeyer - CRA
Plymouth MI 48170	Invoice To: Mike Tonka
Phone: 734 453 5123	P.O.:
Fax: 5201	Project Name: GMPT SMCO
Email: csaworld.com	Project Number: 17075-30-02

Laboratory:	STL, Inc.
Laboratory Location:	Canton OH
Laboratory Contact:	Denise Hunter
Requested Due Date: 5/3/06	TAT: 24hrs
QA/QC Requirements:	

Valid Matrix Codes:
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment
See Back for Additional Codes

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Analysis and Method: PCBs	Remarks/Lab ID
S-050106-SSH-001	SO	5/1/06	1500	1	X						X	*RUSH*
-002			1510	1	X						X	
-003			1520	1	X						X	
-004			1530	1	X						X	
-005			1540	1	X						X	
S-050106-SSH-006	SO		1550	1	X						X	
												batch complete
TOTAL NUMBER OF CONTAINERS				6								

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	1	[signature] /CRA	5/1/06	1700	[signature] STL	5/4/06	0930
AIRBILL NO. 8526 7579 6992							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Steven S. Howmeyer

Sampler Signature: [signature] Date: 5/1/06

STL North Canton

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 11 (6/04)

STL Cooler Receipt Form/Narrative **Lot Number:** 4GE020140
North Canton Facility

Client: CRA Project: GMPT-SMLO Quote#:
Cooler Received on: 5/2/04 Opened on: 5/2/04 by: (Signature)
Fedx ☐ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ STL Courier ☐
Stetson ☐ US Cargo ☐ Other:
STL Cooler No# 241-163 Foam Box ☐ Client Cooler ☐ Other

1. Were custody seals on the outside of the cooler? Yes ☐ No ☒ Intact? Yes ☐ No ☐ NA ☒
   If YES, Quantity
   Were the custody seals signed and dated? Yes ☐ No ☐ NA ☒
2. Shipper's packing slip attached to this form? Yes ☒ No ☐ NA ☐
3. Did custody papers accompany the samples? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☐ None ☐ Other :
6. Cooler temperature upon receipt 1.5 °C (see back of form for multiple coolers/temp)

METHOD: Temp Vial ☐ Coolant & Sample ☐ Against Bottles ☐ IR ☒ ICE/H_20 Slurry ☐
COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☒ No ☐
9. Were samples at the correct pH? (record below/on back) Yes ☐ No ☐ NA ☒
10. Were correct bottles used for the tests indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☒
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a Trip Blank present in the cooler? Yes ☐ No ☒ Were VOAs on the COC? Yes ☐ No ☒
14. Does the trip blank number match the cooler number in which it was received? Yes ☐ No ☐ NA ☒

Contacted PM _____ Date: _____ by: _____ via Voice Mail ☐ Verbal ☐ Other ☐
Concerning: _____

√		

1. CHAIN OF CUSTODY

The following discrepancies occurred:

2. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.

3. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot #* 100405-*HNO3; Sulfuric Acid Lot #* 100405-*H2SO4; Sodium Hydroxide Lot #* -100405 -*NaOH; Hydrochloric Acid Lot #* 100504-*HCl; Sodium Hydroxide and Zinc Acetate Lot #* 071604-*CH3COO2ZN/NaOH*
Sample(s) _____ were received with bubble > 6 mm in diameter (cc: PM)

4. Other (see below or back)

Client ID	pH	Date	Initials

STL Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp	Method	Coolant

Discrepancies Cont.

END OF REPORT

Table of Contents

Return to Navigator

SEVERN TRENT STL

STL North Canton
4101 Shuffel Drive NW
North Canton, OH 44720

Tel: 330 497 9396 Fax: 330 497 0772
www.stl-inc.com

ANALYTICAL REPORT

PROJECT NO. 17075-30-02

GMPT SMCO SSOW# E131012

Lot #: A6E050148

Paul Wiseman (PM)

Conestoga Rovers & Assoc., Inc
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

SEVERN TRENT LABORATORIES, INC.

Denise D. Heckler
Project Manager

May 10, 2006

CASE NARRATIVE

A6E050148

The following report contains the analytical results for three solid samples submitted to STL North Canton by Conestoga-Rovers & Associates, Inc. from the GMPT SMCO SSOW# E131012 Site, project number 17075-30-02. The samples were received May 05, 2006, according to documented sample acceptance procedures.

STL utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

STL North Canton attests to the validity of the laboratory data generated by STL facilities reported herein. All analyses performed by STL facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. STL's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by a dry weight adjustment footnote at the bottom of the analytical report page. The list of parameters, which are never reported on a dry weight basis, is included on the Sample Summary.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

If you have any questions, please call the Project Manager, Denise D. Heckler, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT." The total number of pages in this report is 27.

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperature of the cooler upon sample receipt was 3.1°C.

CASE NARRATIVE (continued)

POLYCHLORINATED BIPHENYLS-8082

The matrix spike/matrix spike duplicate(s) for S-050406-SSH-007 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

GENERAL CHEMISTRY

The analytical results met the requirements of the laboratory's QA/QC program.

QUALITY CONTROL ELEMENTS OF SW-846 METHODS

STL North Canton conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. STL North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples. These QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. The only exception is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed below.)
-

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable. The acceptance criteria do not apply to samples that are diluted for organics if the native sample amount is 4x the concentration of the spike.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepped and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepped and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide, PCB, and PAH methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria.

STL North Canton Certifications and Approvals:

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),
Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Ohio (#6090), OhioVAP (#CL0024), Utah (#QUAN9), West Virginia (#210), Wisconsin (#999518190),NAVY, ARMY, USDA Soil Permit, ACIL Seal of Excellence – Participating Lab Status Award (#82)

EXECUTIVE SUMMARY - Detection Highlights

A6E050148

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-050406-SSH-007 05/04/06 13:00 001				
Aroclor 1248	1900	440	ug/kg	SW846 8082
Aroclor 1260	1600	440	ug/kg	SW846 8082
Percent Solids	75.6	10.0	%	MCAWW 160.3 MOD
S-050406-SSH-008 05/04/06 13:15 002				
Aroclor 1248	4400	430	ug/kg	SW846 8082
Aroclor 1260	1200	430	ug/kg	SW846 8082
Percent Solids	77.3	10.0	%	MCAWW 160.3 MOD
S-050406-SSH-009 05/04/06 13:30 003				
Aroclor 1248	660	86	ug/kg	SW846 8082
Aroclor 1260	210	86	ug/kg	SW846 8082
Percent Solids	76.8	10.0	%	MCAWW 160.3 MOD

ANALYTICAL METHODS SUMMARY

A6E050148

PARAMETER	ANALYTICAL METHOD
PCBs by SW-846 8082	SW846 8082
Total Residue as Percent Solids	MCAWW 160.3 MOD

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A6E050148

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
H4RTW	001	S-050406-SSH-007	05/04/06	13:00
H4RVM	002	S-050406-SSH-008	05/04/06	13:15
H4RVT	003	S-050406-SSH-009	05/04/06	13:30

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-050406-SSH-007

GC Semivolatiles

Lot-Sample #...: A6E050148-001 **Work Order #...:** H4RTW1AC **Matrix.....:** SO
Date Sampled...: 05/04/06 13:00 **Date Received..:** 05/05/06
Prep Date.....: 05/05/06 **Analysis Date..:** 05/08/06
Prep Batch #...: 6125262
Dilution Factor: 10
% Moisture.....: 24 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	440	ug/kg	89
Aroclor 1221	ND	440	ug/kg	130
Aroclor 1232	ND	440	ug/kg	69
Aroclor 1242	ND	440	ug/kg	130
Aroclor 1248	**1900**	**440**	**ug/kg**	**63**
Aroclor 1254	ND	440	ug/kg	57
Aroclor 1260	**1600**	**440**	**ug/kg**	**110**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	83 DIL	(10 - 127)
Decachlorobiphenyl	49 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-050406-SSH-008

GC Semivolatiles

Lot-Sample #...: A6E050148-002 **Work Order #...:** H4RVM1AC **Matrix.....:** SO
Date Sampled...: 05/04/06 13:15 **Date Received..:** 05/05/06
Prep Date.....: 05/05/06 **Analysis Date..:** 05/08/06
Prep Batch #...: 6125262
Dilution Factor: 10
% Moisture.....: 23 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	430	ug/kg	87
Aroclor 1221	ND	430	ug/kg	130
Aroclor 1232	ND	430	ug/kg	67
Aroclor 1242	ND	430	ug/kg	130
Aroclor 1248	**4400**	**430**	**ug/kg**	**62**
Aroclor 1254	ND	430	ug/kg	56
Aroclor 1260	**1200**	**430**	**ug/kg**	**100**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87 DIL	(10 - 127)
Decachlorobiphenyl	50 DIL	(40 - 138)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-050406-SSH-009

GC Semivolatiles

Lot-Sample #...: A6E050148-003 **Work Order #...:** H4RVT1AC **Matrix.....:** SO
Date Sampled...: 05/04/06 13:30 **Date Received..:** 05/05/06
Prep Date.....: 05/05/06 **Analysis Date..:** 05/08/06
Prep Batch #...: 6125262
Dilution Factor: 2
% Moisture.....: 23 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	86	ug/kg	17
Aroclor 1221	ND	86	ug/kg	26
Aroclor 1232	ND	86	ug/kg	14
Aroclor 1242	ND	86	ug/kg	26
Aroclor 1248	**660**	**86**	**ug/kg**	**13**
Aroclor 1254	ND	86	ug/kg	11
Aroclor 1260	**210**	**86**	**ug/kg**	**21**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	66	(10 - 127)
Decachlorobiphenyl	73	(40 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-050406-SSH-007

General Chemistry

Lot-Sample #...: A6E050148-001 **Work Order #...:** H4RTW **Matrix.....:** SO
Date Sampled...: 05/04/06 13:00 **Date Received..:** 05/05/06
% Moisture.....: 24

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**75.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**05/05-05/07/06**	**6125342**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-050406-SSH-008

General Chemistry

Lot-Sample #...: A6E050148-002 **Work Order #...:** H4RVM **Matrix.....:** SO
Date Sampled...: 05/04/06 13:15 **Date Received..:** 05/05/06
% Moisture.....: 23

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**77.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**05/05-05/07/06**	**6125342**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-050406-SSH-009

General Chemistry

Lot-Sample #...: A6E050148-003 **Work Order #...:** H4RVT **Matrix.....:** SO
Date Sampled...: 05/04/06 13:30 **Date Received..:** 05/05/06
% Moisture.....: 23

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**76.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**05/05-05/07/06**	**6125342**

Dilution Factor: 1 MDL.....: 10.0

QUALITY CONTROL SECTION

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A6E050148 **Work Order #...:** H4R3R1AA **Matrix.....:** SOLID
MB Lot-Sample #: A6E050000-262
Prep Date.....: 05/05/06
Analysis Date..: 05/08/06 **Prep Batch #...:** 6125262
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	68	(10 - 127)
Decachlorobiphenyl	53	(40 - 138)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A6E050148 **Work Order #...:** H4R3R1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A6E050000-262
Prep Date.....: 05/05/06 **Analysis Date..:** 05/08/06
Prep Batch #...: 6125262
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**230**	**ug/kg**	**68**	**SW846 8082**
Aroclor 1260	**330**	**240**	**ug/kg**	**71**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	81	(10 - 127)
Decachlorobiphenyl	67	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A6E050148 **Work Order #...:** H4R3R1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A6E050000-262
Prep Date.....: 05/05/06 **Analysis Date..:** 05/08/06
Prep Batch #...: 6125262
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**68**	**(41 - 130)**	**SW846 8082**
Aroclor 1260	**71**	**(42 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	81	(10 - 127)
Decachlorobiphenyl	67	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A6E050148 **Work Order #...:** H4RTW1AD-MS **Matrix.....:** SO
MS Lot-Sample #: A6E050148-001 H4RTW1AE-MSD
Date Sampled...: 05/04/06 13:00 **Date Received..:** 05/05/06
Prep Date.....: 05/05/06 **Analysis Date..:** 05/08/06
Prep Batch #...: 6125262
Dilution Factor: 10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**440**	**620**	**ug/kg**	**141**		**SW846 8082**
	Qualifiers:		DIL				
	ND	**440**	**860**	**ug/kg**	**195**	**33**	**SW846 8082**
	Qualifiers:		DIL,p				
Aroclor 1260	**1600**	**440**	**2300**	**ug/kg**	**156**		**SW846 8082**
	Qualifiers:		DIL				
	1600	**440**	**2600**	**ug/kg**	**240**	**15**	**SW846 8082**
	Qualifiers:		DIL,a				

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	77 DIL	(10 - 127)
	72 DIL	(10 - 127)
Decachlorobiphenyl	72 DIL	(40 - 138)
	133 DIL	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A6E050148 **Work Order #...:** H4RTW1AD-MS **Matrix.....:** SO
MS Lot-Sample #: A6E050148-001 H4RTW1AE-MSD
Date Sampled...: 05/04/06 13:00 **Date Received..:** 05/05/06
Prep Date.....: 05/05/06 **Analysis Date..:** 05/08/06
Prep Batch #...: 6125262
Dilution Factor: 10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**141 DIL**	**(10 - 200)**			**SW846 8082**
	195 DIL,p	**(10 - 200)**	**33**	**(0-30)**	**SW846 8082**
Aroclor 1260	**156 DIL**	**(10 - 200)**			**SW846 8082**
	240 DIL,a	**(10 - 200)**	**15**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	77 DIL	(10 - 127)
	72 DIL	(10 - 127)
Decachlorobiphenyl	72 DIL	(40 - 138)
	133 DIL	(40 - 138)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A6E050148 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids		Work Order #: H4TP61AA		MB Lot-Sample #:	A6E050000-342	
	ND	10.0	%	MCAWW 160.3 MOD	05/05-05/07/06	6125342
		Dilution Factor: 1				

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A6E050148 **Work Order #...:** H4RTW-SMP **Matrix.....:** SO
H4RTW-DUP
Date Sampled...: 05/04/06 13:00 **Date Received..:** 05/05/06
% Moisture.....: 24

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A6E050148-001		
	75.6	78.6	%	3.9	(0-20)	MCAWW 160.3 MOD	05/05-05/07/06	6125342

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A6E050148 **Work Order #...:** H4R20-SMP **Matrix.....:** SOLID
H4R20-DUP
Date Sampled...: 05/04/06 13:15 **Date Received..:** 05/05/06
% Moisture.....: 20

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A6E050173-008		
	80.4	80.6	%	0.20	(0-20)	MCAWW 160.3 MOD	05/05-05/07/06	6125342

Dilution Factor: 1

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 1 OF 1

ID #: N 01733

SSOW Ref. Code: 131092

Required Client Information:

Company: CRA, Inc.	Report To: Mike Tomka - CRA
Address: 1496 Sheldon Rd STE 200 Plymouth, MI 48170	Copy To: S. Hovermeyer
	Invoice To: Mike Tomka
	P.O.:
Phone: 734-453-5123	Project Name: GMPT SMCO
Fax: -5201	Project Number: 17075-30-02
Email: cra-inc-ld.com	

Laboratory:	STL Inc.
Laboratory Location:	Canton, OH
Laboratory Contact:	Denise Hechler
Requested Due Date: 5/8/06	TAT: 24hrs
QA/QC Requirements:	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Analysis and Method: PCBs	Remarks/Lab ID
S-050406-SSH-007	SO	5/4/06	1300	1	X						X	* RUSH *
S-050406-SSH-008	SO	"	1315	1	X						X	
S-050406-SSH-009	SO	"	1330	1	X						X	
SSH												
TOTAL NUMBER OF CONTAINERS												

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	1	S. Hovermeyer CRA	5/4/06	1700	STL	5/5/06	1010
AIRBILL NO. 8526 7579 6981							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Steven S. Hovermeyer

Sampler Signature: S. Hovermeyer Date: 5/4/06

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 04/04

STL North Canton

STL Cooler Receipt Form/Narrative **Lot Number:** A6E050148
North Canton Facility

Client: CRA Project: GMPT SMCO Quote#: 43981
Cooler Received on: 5/5/06 Opened on: 5/5/06 by: _____ (Signature)
Fedx ☒ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ STL Courier ☐
Stetson ☐ US Cargo ☐ Other: _____
STL Cooler No# 241-234 Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler? Yes ☐ No ☒ Intact? Yes ☐ No ☐ NA ☒
   If YES, Quantity _____
   Were the custody seals signed and dated? Yes ☐ No ☐ NA ☒
2. Shipper's packing slip attached to this form? Yes ☒ No ☐ NA ☐
3. Did custody papers accompany the samples? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☐ None ☐ Other : _____
6. Cooler temperature upon receipt 3.1 °C (see back of form for multiple coolers/temp)

METHOD: Temp Vial ☐ Coolant & Sample ☐ Against Bottles ☐ IR ☒ ICE/H_2O Slurry ☐
COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☒ No ☐
9. Were samples at the correct pH? (record below/on back) Yes ☐ No ☐ NA ☒
10. Were correct bottles used for the tests indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☒
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a Trip Blank present in the cooler? Yes ☐ No ☒ Were VOAs on the COC? Yes ☐ No ☒
14. Does the trip blank number match the cooler number in which it was received? Yes ☐ No ☐ NA ☒

Contacted PM _____ Date: _____ by: _____ via Voice Mail ☐ Verbal ☐ Other ☐
Concerning: _____

√	
	1. CHAIN OF CUSTODY
	The following discrepancies occurred:
	2. SAMPLE CONDITION
	Sample(s) _____ were received after the recommended holding time had expired.
	Sample(s) _____ were received in a broken container.
	3. SAMPLE PRESERVATION
	Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot #* 100405-*HNO3; Sulfuric Acid Lot #* 100405-*H2SO4; Sodium Hydroxide Lot #* -100405 -*NaOH; Hydrochloric Acid Lot #* 100504-*HCl; Sodium Hydroxide and Zinc Acetate Lot #* 071604-*CH3COO2ZN/NaOH*
	Sample(s) _____ were received with bubble > 6 mm in diameter (cc: PM)
	4. Other (see below or back)

Client ID	pH	Date	Initials

STL Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp	Method	Coolant

Discrepancies Cont.

END OF REPORT

APPENDIX C

CERTIFICATES OF DISPOSAL

DEQ WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.
Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MID041793340 Manifest Document No. 05235
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.
A. State Manifest Document Number MI 8741491
B. State Generator's ID
3. Generator's Name and Mailing Address: GMPT SMCO, 1629 N. Washington Ave. Saginaw, Mich. 48605
4. Generator's Phone (989) 757 1473
5. Transporter 1 Company Name: Bierlein
6. US EPA ID Number: MID017358441
C. State Transporter's ID
D. Transporter's Phone
7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone
9. Designated Facility Name and Site Address: E.Q. Wayne Disposal Inc. site #2 landfill, 49350 North I-94 Service Dr. Belleville, Mich. 48111
10. US EPA ID Number: MID048090633
G. State Facility's ID
H. Facility's Phone

	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID NUMBER). HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a.	X Polychlorinated biphenyls, solid 9 UN 2315, II (ERG #171)	1	DT	45063.63	K
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

15. Special Handling Instructions and Additional Information
Emergency # 800 531-5053 Approval # 071305 PAF

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Date Month Day Year
Raymond A. Ilkka	[signature] on behalf of GM	06	06	06

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Craig Van Norman	[signature]	

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

WASTE MANAGEMENT - GM
12200 EAST 13 MILE ROAD SUITE 120
WARREN, MI 48088

Receipt ID: 1132655
EQ Account #: 5750
Manifest / BOL: MI8741491
Transporter: BIER
Date: 08/04/2005
Time In: 10:00 AM
Time Out: 10:51 AM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	49.450 TONS
	Hazardous Surcharge Ton	49.450 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 152,460 **Tare:** 53,560 **Net:** 98,900	

NO SALVAGING ON PREMISES

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

INSTRU...
DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.
Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MID041793340 Manifest Document No. 02221
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: GMPT SMCO, 1629 N. Washington Ave, Saginaw, MI 48605
4. Generator's Phone (989) 757-4473
5. Transporter 1 Company Name: Bierlein
6. US EPA ID Number: MID017358411
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address: EQ - Wayne Disposal Inc. Site #2 Landfill, 49350 North I-94 Service Dr, Belleville, MI 48111
10. US EPA ID Number: MID048090633

A. State Manifest Document Number MI 8741477
B. State Generator's ID
C. State Transporter's ID
D. Transporter's Phone
E. State Transporter's ID
F. Transporter's Phone
G. State Facility's ID
H. Facility's Phone

	HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a.	X	polychlorinated biphenyls, solid, 9, UN2315 II (ERG# 171)	1	DT	42109	K
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above [illegible]

15. Special Handling Instructions and Additional Information
Emergency # 800-535-5053 Approval # 071305PAF

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Raymond A. Ilkka Signature: [signature] on behalf of GM Date Month Day Year: 07 28 05

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ronald A. Schmidt Signature: [signature] Date Month Day Year: 07 28 05

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: [signature] Signature: [signature] Date Month Day Year: [illegible]

GENERATOR / TRANSPORTER / FACILITY

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.

EPA Form 8700-22 (Rev. 9/88) EQP 5110 Rev. 5/00

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

WASTE MANAGEMENT - GM
12200 EAST 13 MILE ROAD SUITE 120
WARREN, MI 48088

Receipt ID: 1132561
EQ Account #: 5750
Manifest / BOL: MI8741477
Transporter: BIER
Date: 07/29/2005
Time In: 11:06 AM
Time Out: 12:00 PM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	46.310 TONS
	Hazardous Surcharge Ton	46.310 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 147,060 **Tare:** 54,440 **Net:** 92,620	

NO SALVAGING ON PREMISES

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF
ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.
Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MID041793340 Manifest Document No. 05720
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number MI 8741476

3. Generator's Name and Mailing Address: GMPT SMCO 1629 N. Washington Ave Saginaw, MI 48605

B. State Generator's ID

4. Generator's Phone 989 ...-173

5. Transporter 1 Company Name: Beckler
6. US EPA ID Number: MID017358441

C. State Transporter's ID
D. Transporter's Phone

7. Transporter 2 Company Name
8. US EPA ID Number

E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: EQ - Wayne Disposal Inc. Mt 2 landfill 49350 North I-94 Service Dr Belleville, MI 48111
10. US EPA ID Number: MID048090633

G. State Facility's ID
H. Facility's Phone

	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER). HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	X polychlorinated biphenyls, solid, 9 UN2315, II, (ERG#171)	1	DT	43009	K	
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above
K. Handling Codes

15. Special Handling Instructions and Additional Information
Emergency # 800-535-5053 Approval # 071305 PAF

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Raymond A. Ilkka | Signature: [signature] on behalf of GM | Date Month Day Year: 07 25 05

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Craig Van Notrman | Signature: [signature] | Date Month Day Year: 07 25 05

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: [signature] | Signature: [signature] | Date Month Day Year: 07 26 05

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

WASTE MANAGEMENT - GM
12200 EAST 13 MILE ROAD SUITE 120
WARREN, MI 48088

Receipt ID: 1132562
EQ Account #: 5750
Manifest / BOL: MI8741476
Transporter: BIER
Date: 07/29/2005
Time In: 11:09 AM
Time Out: 11:54 AM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	47.530 TONS
	Hazardous Surcharge Ton	47.530 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 148,720 **Tare:** 53,660 **Net:** 95,060	

NO SALVAGING ON PREMISES

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF
ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.
Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MID041793370
Manifest Document No.: 05219
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number: MI 8741475

3. Generator's Name and Mailing Address: GMPT SMCO 1629 N Washington Ave 466 Saginaw MI 48605
B. State Generator's ID

4. Generator's Phone (757)1178
C. State Transporter's ID

5. Transporter 1 Company Name: Bierlein
6. US EPA ID Number: MID017358441
D. Transporter's Phone

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: EQ – Wayne Disposal Inc. 49350 North I-94 Service Dr Belleville, MI 48111
10. US EPA ID Number: MID048090633
G. State Facility's ID
H. Facility's Phone

11. HM	US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. X	polychlorinated biphenyls, solid, 9 UN2315 II (ERG #171)	1	DT	44218	K
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Emergency # 800-535-5053 Approval # 071305 PAF

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Date (Month Day Year)
Raymond A. Ilka	R A Ilka on behalf of GM	07 28 05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Craig VanNorman	Craig VanNorman	07 28 05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
LO	[illegible]	07 28 05

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.

GENERATOR / TRANSPORTER / FACILITY

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

WASTE MANAGEMENT - GM
12200 EAST 13 MILE ROAD SUITE 120
WARREN, MI 48088

Receipt ID: 1132548
EQ Account #: 5750
Manifest / BOL: MI8741475
Transporter: BIER
Date: 07/28/2005
Time In: 1:45 PM
Time Out: 2:27 PM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	48.710 TONS
	Hazardous Surcharge Ton	48.710 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 151,620 **Tare:** 54,200 **Net:** 97,420	

NO SALVAGING ON PREMISES

DEQ

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MID041793340 Manifest Document No. 105212
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.
A. State Manifest Document Number MI 8741479
3. Generator's Name and Mailing Address GMPT SMCO 1629 N. Washington Ave Saginaw, MI 48605
B. State Generator's ID
4. Generator's Phone 989 757 4173
5. Transporter 1 Company Name Bierlein
6. US EPA ID Number MID017358411
C. State Transporter's ID
D. Transporter's Phone
7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone
9. Designated Facility Name and Site Address EQ - Wayne Disposal Inc. 49350 North I-94 Service Dr Belleville, MI 48111
10. US EPA ID Number MID048090633
G. State Facility's ID
H. Facility's Phone

	HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	X	polychlorinated biphenyls, solid, 9 UN2315, II (ERG #171)	1	DT	33590	K	
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above
K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Emergency # 800-535-5053 Approval # 071305PAF

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Raymond A. Ilkka | Signature: [signature] on behalf of GM | Date Month Day Year: 07 21 05

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Craig M. Van Noerman | Signature: [signature] | Date Month Day Year: 07 21 05

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: | Signature: | Date Month Day Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: W. Bee | Signature: [signature] | Date Month Day Year: 07 25 05

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.

GENERATOR / TRANSPORTER / FACILITY

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

WASTE MANAGEMENT - GM
12200 EAST 13 MILE ROAD SUITE 120
WARREN, MI 48088

Receipt ID: 1132459
EQ Account #: 5750
Manifest / BOL: MI8741479
Transporter: BIER
Date: 07/25/2005
Time In: 10:09 AM
Time Out: 11:08 AM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	38.120 TONS
	Hazardous Surcharge Ton	38.120 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 129,500 **Tare:** 53,260 **Net:** 76,240	

NO SALVAGING ON PREMISES

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

DEQ

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE

ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MID 041 797 340 — Manifest Document No. 05211
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number: MI 8741478

3. Generator's Name and Mailing Address: GMPT SMCO, 1629 N. Washington Ave, Saginaw, MI 48605

B. State Generator's ID: MID 041 797 340

4. Generator's Phone (989) 757-1173

C. State Transporter's ID

5. Transporter 1 Company Name: Bierlein
6. US EPA ID Number: MID 017358441

D. Transporter's Phone

E. State Transporter's ID

7. Transporter 2 Company Name
8. US EPA ID Number

F. Transporter's Phone

9. Designated Facility Name and Site Address: EQ - Wayne Disposal Inc, 49350 North I-94 Service Dr, Belleville, MI 48111
10. US EPA ID Number: MID048090633

G. State Facility's ID

H. Facility's Phone

	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
HM						
a. X	polychlorinated biphenyls, solid, 9 UN2315, II (ERG #171)	1	DT	42945	K	
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above

PCB1

15. Special Handling Instructions and Additional Information

Emergency # 800-535-5053 Approval # 071305PAF

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Date Month Day Year
Raymond A. Ilkka	Raymond A. Ilkka on behalf of GM	07 22 05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Craig M. Van Nieman	Craig M. Van Nieman	

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year
Adele Bottka	Adele Bottka	07 22 05

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.

GENERATOR / TRANSPORTER / FACILITY

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

WASTE MANAGEMENT - GM
12200 EAST 13 MILE ROAD SUITE 120
WARREN, MI 48088

Receipt ID: 1132440
EQ Account #: 5750
Manifest / BOL: MI8741478
Transporter: BIER
Date: 07/22/2005
Time In: 10:29 AM
Time Out: 11:50 AM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	47.350 TONS
	Hazardous Surcharge Ton	47.350 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 148,560 **Tare:** 53,860 **Net:** 94,700	

NO SALVAGING ON PREMISES

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.
15260
Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

Form Approved. OMB No. 2060-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MID 041793340 Manifest Document No. 05232
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: GMPT SMCO 1629 N. Washington Ave. Saginaw, Mich. 48605
4. Generator's Phone (989) 757-1473
A. State Manifest Document Number MI 8741488
B. State Generator's ID
5. Transporter 1 Company Name: Bielei
6. US EPA ID Number MID017335471
C. State Transporter's ID
D. Transporter's Phone 989 496 00[illegible]
7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone
9. Designated Facility Name and Site Address: E.Q.-Wayne Disposal Inc. Site #2 Landfill, 49350 North I-94 Service Dr., Belleville, Mich. 48111
10. US EPA ID Number MID048090633
G. State Facility's ID
H. Facility's Phone

HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. X	Polychlorinated biphenyls, solid 9 UN2315, II (ERG#171)	1	DT	11509.09	K	[illegible]
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above: Stored Start Date 8-29-0[illegible] ... Container # [illegible]
K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Emergency # 800 531-5053 Approval # 071385-PAF

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Raymond A. Ilkka Signature: RA Ilkka on behalf of GM Date Month Day Year: [illegible]

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Craig VanNorman Signature: [signature] Date Month Day Year: [illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: [signature] Signature: [signature] Date Month Day Year: [illegible]

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.

GENERATOR / TRANSPORTER / FACILITY

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

WASTE MANAGEMENT - GM
12200 EAST 13 MILE ROAD SUITE 120
WARREN, MI 48088

Receipt ID: 1132629
EQ Account #: 5750
Manifest / BOL: MI8741488
Transporter: BIER
Date: 08/03/2005
Time In: 1:32 PM
Time Out: 2:21 PM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	48.080 TONS
	Hazardous Surcharge Ton	48.080 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 150,060 **Tare:** 53,900 **Net:** 96,160	

NO SALVAGING ON PREMISES

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

DEQ

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MID041793340 Manifest Document No. 05230
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number MI 8414187
B. State Generator's ID
C. State Transporter's ID
D. Transporter's Phone
E. State Transporter's ID
F. Transporter's Phone
G. State Facility's ID
H. Facility's Phone

3. Generator's Name and Mailing Address: GMPT SMCO 1629 N. Washington Ave. Saginaw, Mich. 48605
4. Generator's Phone (989) 757-1472
5. Transporter 1 Company Name: Boiland
6. US EPA ID Number: MID017388441
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address: E.Q.-Wayne Disposal Inc. Site #2 Landfill, 49350 North I-94 Service Dr. Belleville, M. 48111
10. US EPA ID Number: MID048090633

HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. X	Polychlorinated biphenyls, solid 9 UN 2315, II (ERG #171)	1	DT	40104.09	K
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above: Shred Steel Oily Coolant to TIO

15. Special Handling Instructions and Additional Information
Emergency # 800 535 5053 Approval # 071305-PAF

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Raymond A. Ilkka — Signature: R A Ilkka on behalf of GM — Date (Month Day Year): 08 30 05

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ronald L Schmidt — Signature: [signature] — Date (Month Day Year): 08 30 05

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Date (Month Day Year)

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Addie Bartk.. — Signature: Addie Bartk — Date (Month Day Year): 08 31 05

GENERATOR / TRANSPORTER / FACILITY

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

WASTE MANAGEMENT - GM
12200 EAST 13 MILE ROAD SUITE 120
WARREN, MI 48088

Receipt ID: 1132624
EQ Account #: 5750
Manifest / BOL: MI8741487
Transporter: BIER
Date: 08/03/2005
Time In: 11:21 AM
Time Out: 12:23 PM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	44.230 TONS
	Hazardous Surcharge Ton	44.230 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 142,760 **Tare:** 54,300 **Net:** 88,460	

NO SALVAGING ON PREMISES

DEQ WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.
Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MID 041 793 340
Manifest Document No.: 05237
2. Page 1 of
Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number: MI 8741494
B. State Generator's ID
3. Generator's Name and Mailing Address: CMAT SIMCO 1629 N. Washington Ave. Saginaw, Mich. 48605
4. Generator's Phone (989) 757 1173
5. Transporter 1 Company Name: Bierlein
6. US EPA ID Number: MID 017358411
C. State Transporter's ID
D. Transporter's Phone 989 496 0066
7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone
9. Designated Facility Name and Site Address: E.Q. Wayne Disposal Inc. Site #2 Landfill, 49350 North I-94 Service Dr., Belleville, Mich. 48111
10. US EPA ID Number: MID 048090633
G. State Facility's ID
H. Facility's Phone

	HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	X	Polychlorinated biphenyl, solid 9 UN 2315, II (ERG #171)	1	DT	44872	K	
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above: [illegible]
K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Emergency # 800 531 5053 Approval # 071305 PAF

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Raymond A. Ilkka | Signature: [signature] on behalf of GM | Date (Month Day Year): 08 04 05

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: CRAIG VANNORMAN | Signature: [signature] | Date (Month Day Year): 08 04 05

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Date (Month Day Year)

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: [signature] | Signature: [signature] | Date (Month Day Year): [illegible]

GENERATOR / TRANSPORTER / FACILITY

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

WASTE MANAGEMENT - GM
12200 EAST 13 MILE ROAD SUITE 120
WARREN, MI 48088

Receipt ID: 1132694
EQ Account #: 5750
Manifest / BOL: MI8741494
Transporter: BIER
Date: 08/04/2005
Time In: 4:24 PM
Time Out: 5:22 PM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	49.500 TONS
	Hazardous Surcharge Ton	49.500 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 152,920 **Tare:** 53,920 **Net:** 99,000	

NO SALVAGING ON PREMISES

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended. Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

161480

DEQ WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MID041793340 — Manifest Document No. 65296 — 2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number MI 8741498

3. Generator's Name and Mailing Address: GMPT SMCD, 1629 N. Washington Ave, Saginaw, MI 48605

B. State Generator's ID

4. Generator's Phone (989) 757-7713

5. Transporter 1 Company Name: Buerkle — 6. US EPA ID Number: MID017358411

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name — 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address: EQ - Wayne Disposal Inc. Site #2 landfill, 49350 North I-94 Service Dr, Belleville MI 48111 — 10. US EPA ID Number: MID048090633

G. State Facility's ID

H. Facility's Phone

HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. X	polychlorinated biphenyls, solid, 9, UN2315, III, (ERG#171)	1	DT	42309	K	[illegible]
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above: [illegible]

K. Handling Codes

15. Special Handling Instructions and Additional Information: Emergency 800-[illegible]-5053 — Approval # 071305 RAF

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Raymond A Ilke — Signature: [signature] on behalf of GM — Date: 08 10 05

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ronald A Schmidt — Signature: [signature] — Date: [illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Adrie Botka — Signature: [signature] — Date: 08 11 05

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.

GENERATOR / TRANSPORTER / FACILITY

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

WASTE MANAGEMENT - GM
12200 EAST 13 MILE ROAD SUITE 120
WARREN, MI 48088

Receipt ID: 1132783
EQ Account #: 5750
Manifest / BOL: MI8741498
Transporter: BIER
Date: 08/10/2005
Time In: 10:32 AM
Time Out: 11:21 AM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	46.530 TONS
	Hazardous Surcharge Ton	46.530 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 147,480 **Tare:** 54,420 **Net:** 93,060	

NO SALVAGING ON PREMISES

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended. Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

155609

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MID041793340 — Manifest Document No. 05245
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number MI 8705470

3. Generator's Name and Mailing Address: GMPT SMCO, 1629 N. Washington Ave, Saginaw, MI 48605
4. Generator's Phone ( )
5. Transporter 1 Company Name: Bierlein — 6. US EPA ID Number: MID017358411
7. Transporter 2 Company Name — 8. US EPA ID Number
9. Designated Facility Name and Site Address: EQ-Wayne Disposal Inc, Site #2 Landfill, 49350 North I-94 Service Dr, Belleville MI 48111 — 10. US EPA ID Number: MID048090633

B. State Generator's ID
C. State Transporter's ID
D. Transporter's Phone
E. State Transporter's ID
F. Transporter's Phone
G. State Facility's ID
H. Facility's Phone

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER)	HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. polychlorinated biphenyls, solid, 9, UN2315, II, (ERG# 171)	X	1	DT	46164	K
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above: [illegible]

15. Special Handling Instructions and Additional Information
Emergency: 800 535 5053 — Approval # 071305PAF

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Date Month Day Year
Raymond A. Ilkka	Ray A Ilkka on behalf of GM	09 19 05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Craig VanNorman	Craig VanNorman	09 19 05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year
[illegible]	[illegible]	09 19 05

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.

GENERATOR / TRANSPORTER / FACILITY

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

WASTE MANAGEMENT - GM
12200 EAST 13 MILE ROAD SUITE 120
WARREN, MI 48088

Receipt ID: 1132780
EQ Account #: 5750
Manifest / BOL: MI8705470
Transporter: BIER
Date: 08/10/2005
Time In: 9:47 AM
Time Out: 11:15 AM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	50.850 TONS
	Hazardous Surcharge Ton	50.850 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 155,600 **Tare:** 53,900 **Net:** 101,700	

NO SALVAGING ON PREMISES

DEQ WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended. Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 of 324.12116 MCL.

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MID041793340 Manifest Document No. 6247
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number MI 8741495
B. State Generator's ID

3. Generator's Name and Mailing Address
GMPT SMCO 1629 N Washington Ave
Saginaw, MI 48605
4. Generator's Phone (989) 757-1173

5. Transporter 1 Company Name: Bierlein
6. US EPA ID Number: MID017358141
C. State Transporter's ID
D. Transporter's Phone 989 ...

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
EQ Wayne Disposal Inc. Site #2 Landfill
49350 North I-94 Service Dr
Belleville MI 48111
10. US EPA ID Number: MID048090633
G. State Facility's ID
H. Facility's Phone

	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID NUMBER) HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a.	X polychlorinated biphenyls, solid, 9, UN2315 II (ERG #171)	1	DT	46164	K	
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above
K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Emergency # 800-535-5053 Approval # 071305 PAF

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Date Month Day Year
Charles [illegible]	[signature]	08 05 05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
CRAIG VAN NORMAN	[signature]	

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year
Addie Boshk[illegible]	[signature]	08 09 05

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.

EPA Form 8700-22 (Rev. 9/88) EQP 5110 Rev. 5/00

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

WASTE MANAGEMENT - GM
12200 EAST 13 MILE ROAD SUITE 120
WARREN, MI 48088

Receipt ID: 1132759
EQ Account #: 5750
Manifest / BOL: MI8741495
Transporter: BIER
Date: 08/09/2005
Time In: 1:23 PM
Time Out: 2:18 PM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	50.660 TONS
	Hazardous Surcharge Ton	50.660 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 154,860 **Tare:** 53,540 **Net:** 101,320	

NO SALVAGING ON PREMISES

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.
Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

DEQ WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MID041793340 Manifest Document No. 10324
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.
A. State Manifest Document Number MI 8741497
3. Generator's Name and Mailing Address: GMPT SMCO 1629 N. Washington Ave Saginaw, MI 48605
B. State Generator's ID
4. Generator's Phone 989 757-1973
5. Transporter 1 Company Name: Burlein
6. US EPA ID Number: MID017352441
C. State Transporter's ID
D. Transporter's Phone
7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone
9. Designated Facility Name and Site Address: EQ - Wayne Disposal Inc. Site #2 Landfill 49350 North I-94 Service Dr Belleville MI 48111
10. US EPA ID Number: MID048090633
G. State Facility's ID
H. Facility's Phone

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. polychlorinated biphenyls, solid, 9, UN2315 II (ERG 171)	X	1	DT	45223	K	
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above: [illegible] 8/9/05
K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Emergency # 800 337 [illegible] Approval # 071305 [illegible]

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Raymond A. Ilkka Signature: [signature] on behalf of GM Date Month Day Year 08 09 05

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible] Signature: [signature] Date Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: [illegible] Signature: [signature] Date Month Day Year 08 09 05

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.

GENERATOR / TRANSPORTER / FACILITY

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

WASTE MANAGEMENT - GM
12200 EAST 13 MILE ROAD SUITE 120
WARREN, MI 48088

Receipt ID: 1132760
EQ Account #: 5750
Manifest / BOL: MI8741497
Transporter: BIER
Date: 08/09/2005
Time In: 2:12 PM
Time Out: 2:54 PM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	50.050 TONS
	Hazardous Surcharge Ton	50.050 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 154,440 **Tare:** 54,340 **Net:** 100,100	

NO SALVAGING ON PREMISES

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

152062

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

DEQ WASTE MANAGEMENT DIVISION MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MID011793340
Manifest Document No.: 05236
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number: MI 8741490

3. Generator's Name and Mailing Address: GMPT SMCO 1629 N. Washington Ave. Saginaw, Mich. 48605

B. State Generator's ID

4. Generator's Phone (989) 757 1473

5. Transporter 1 Company Name: Bierlein
6. US EPA ID Number: MID017358441

C. State Transporter's ID
D. Transporter's Phone 989 496 0066

7. Transporter 2 Company Name
8. US EPA ID Number

E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: E.Q. Wayne Disposal Inc. Site #2 Landfill 49350 North I-94 Service Dr. Belleville Mich. 48111
10. US EPA ID Number: MID048090633

G. State Facility's ID
H. Facility's Phone

	HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	X	Polychlorinated biphenyls, Solid 9 UN2315, II (ERG #171)	1	DT	44309	K	[illegible]
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above: [illegible]

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Emergency #800 [illegible] 053 Approval #071306 PAF

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Raymond A. Ilkka
Signature: [signature] on behalf
Date Month Day Year: [illegible]

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ronald L. Schmidt
Signature: [signature]
Date Month Day Year: [illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: [signature]
Signature: [signature]
Date Month Day Year: [illegible]

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

WASTE MANAGEMENT - GM
12200 EAST 13 MILE ROAD SUITE 120
WARREN, MI 48088

Receipt ID: 1132658
EQ Account #: 5750
Manifest / BOL: MI8741490
Transporter: BIER
Date: 08/04/2005
Time In: 10:17 AM
Time Out: 11:25 AM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	48.860 TONS
	Hazardous Surcharge Ton	48.860 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 152,060 **Tare:** 54,340 **Net:** 97,720	

NO SALVAGING ON PREMISES

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.
Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MID041793340	Manifest Document No. 0526	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: GMPT SMCO, 1629 N. Washington Ave, Saginaw MI 48605
4. Generator's Phone (989) 754-1123
5. Transporter 1 Company Name: Rierlein
6. US EPA ID Number: MID017353471
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address: EQ - Wayne Disposal Inc Site #2 Landfill, 49350 North I-94 Service Dr, Belleville MI 48111
10. US EPA ID Number: MID048090633

A. State Manifest Document Number
B. State Generator's ID
C. State Transporter's ID
D. Transporter's Phone
E. State Transporter's ID
F. Transporter's Phone
G. State Facility's ID
H. Facility's Phone

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. polychlorinated biphenyls solid, 9, UN2315, II, (ERG #171)	X	1	DT	46045	K
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

15. Special Handling Instructions and Additional Information
Emergency # 800 535 5053 Approval # 021305 PAF

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Date Month Day Year
[illegible] III	[signature]	06/12/06

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
[illegible]	[signature]	06/12/06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year
[illegible]	[signature]	06/12/06

GENERATOR
TRANSPORTER
FACILITY

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete. Rev. 6.00

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

WASTE MANAGEMENT - GM
12200 EAST 13 MILE ROAD SUITE 120
WARREN, MI 48088

Receipt ID: 1132795
EQ Account #: 5750
Manifest / BOL: MI8705472
Transporter: BIER
Date: 08/10/2005
Time In: 4:36 PM
Time Out: 5:10 PM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	50.770 TONS
	Hazardous Surcharge Ton	50.770 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 155,980 **Tare:** 54,440 **Net:** 101,540	

NO SALVAGING ON PREMISES

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.
Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

Please print or type. Form Approved OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MID041793340
Manifest Document No.: 05247
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: GMPT SMCO, 1629 N. Washington Ave, Saginaw, MI 48605
A. State Manifest Document Number: MI 8741499
B. State Generator's ID
4. Generator's Phone (989) 757-4173
5. Transporter 1 Company Name: Bierlein
6. US EPA ID Number: MID017352441
C. State Transporter's ID
D. Transporter's Phone 989/560066
7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone
9. Designated Facility Name and Site Address: EQ-Wayne Disposal Inc Site #2 Landfill, 49350 North I-94 Service Dr, Belleville, MI 48111
10. US EPA ID Number: MID048090633
G. State Facility's ID
H. Facility's Phone 800 592 5489

HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. X	polychlorinated biphenyls, solid, 9, UN2315, III, (ERG#171)	1	DT	41945	K	[illegible]
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above: [illegible]
K. Handling Codes: [illegible]

15. Special Handling Instructions and Additional Information
Emergency # 800 535 5053 Approval # 071305 PAF

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Date Month Day Year
[illegible]	[signature]	06 10 05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
DARWIN E Biggs	Darwin E Biggs	06 10 05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year
[illegible]	[signature]	06 13 05

SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.

EQP (Rev. 9/88)

TRANSPORTER COPY

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

WASTE MANAGEMENT - GM
12200 EAST 13 MILE ROAD SUITE 120
WARREN, MI 48088

Receipt ID: 1132786
EQ Account #: 5750
Manifest / BOL: MI8741499
Transporter: BIER
Date: 08/10/2005
Time In: 11:08 AM
Time Out: 12:08 PM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	49.470 TONS
	Hazardous Surcharge Ton	49.470 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 152,380 **Tare:** 53,440 **Net:** 98,940	

NO SALVAGING ON PREMISES

Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

DEQ WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MID041793340 Manifest Document No. 05298
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number
B. State Generator's ID

3. Generator's Name and Mailing Address: GMPT SMCO 1629 N. Washington Ave Saginaw MI 48605
4. Generator's Phone (989) 757-1773

5. Transporter 1 Company Name: Bierlein
6. US EPA ID Number: MID017358441

C. State Transporter's ID
D. Transporter's Phone

7. Transporter 2 Company Name
8. US EPA ID Number

E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: EQ - Wayne Disposal Inc. Site #2 Landfill 49350 North I-94 Service Dr Belleville, MI 48111
10. US EPA ID Number: MID048090633

G. State Facility's ID
H. Facility's Phone

HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. X	polychlorinated biphenyls, solid, 9 UN2315, II, (ERG#171)	1	DT	45145	K
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above [illegible]

15. Special Handling Instructions and Additional Information
Emergency # 800 355 5053 Approval # 071305PAF

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Charles D. [illegible] III
Signature: [signature]
Date Month Day Year: 03/10/05

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible] VanNorman
Signature: [signature]
Date Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: [illegible]
Signature: [signature]
Date Month Day Year

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.

GENERATOR / TRANSPORTER / FACILITY

EPA Form 8700-22 (Rev. 9/88) EQP 5110 Rev. 8/00

TRANSPORTER COPY

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

WASTE MANAGEMENT - GM
12200 EAST 13 MILE ROAD SUITE 120
WARREN, MI 48088

Receipt ID: 1132794
EQ Account #: 5750
Manifest / BOL: MI8705471
Transporter: BIER
Date: 08/10/2005
Time In: 4:09 PM
Time Out: 4:57 PM

Line	Description	Qty.	Unit
	Generator		
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	50.110	TONS
	Hazardous Surcharge Ton	50.110	TONS
	MID041793340 GM PT-SAGINAW (81201)		
	Gross: 153,760 **Tare:** 53,540 **Net:** 100,220		

NO SALVAGING ON PREMISES

153140

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

DEQ WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	MID041793340
Manifest Document No.	05259
2. Page 1 of	
Information in the shaded areas is not required by Federal law.	
A. State Manifest Document Number	MI 8705473
3. Generator's Name and Mailing Address	GMPT SMCO, 1629 N. Washington Ave, Saginaw MI 48605
4. Generator's Phone	(989) 757-1173
B. State Generator's ID	
5. Transporter 1 Company Name	Bierlein
6. US EPA ID Number	MID017358411
C. State Transporter's ID	
D. Transporter's Phone	989 ...
7. Transporter 2 Company Name	
8. US EPA ID Number	
E. State Transporter's ID	
F. Transporter's Phone	
9. Designated Facility Name and Site Address	EQ - Wayne Disposal Inc Site #2 landfill, 49350 North I-94 Service Dr, Belleville MI 48111
10. US EPA ID Number	MID048090633
G. State Facility's ID	
H. Facility's Phone	

HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. X	polychlorinated biphenyls, solid, 9 UN2315 II, (ERG# 171)	1	DT	14754	K
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

15. Special Handling Instructions and Additional Information

Emergency # 800 535 5053 Approval # 071305 AAR

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Date Month Day Year
Raymond A. Ilkka	Raymond A. Ilkka on behalf of GM	9 8 1 1 9 5

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Ronald F Schmidt	[signature]	0 8 1 1 6 5

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature
Ald. O Franklin	[signature]

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.

GENERATOR / TRANSPORTER / FACILITY

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

WASTE MANAGEMENT - GM
12200 EAST 13 MILE ROAD SUITE 120
WARREN, MI 48088

Receipt ID: 1132800
EQ Account #: 5750
Manifest / BOL: MI8705473
Transporter: BIER
Date: 08/11/2005
Time In: 10:05 AM
Time Out: 10:58 AM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	49.300 TONS
	Hazardous Surcharge Ton	49.300 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 153,140 **Tare:** 54,540 **Net:** 98,600	

NO SALVAGING ON PREMISES

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Master Ticket: 177743
Site Ticket: 92149
Date/Time: 07/21/2005 - 10:41

Customer: 40235 -
GMPT SMCO
1629 N WASHINGTON AVENUE
SAGINAW , MI 48605 -

Truck: BBIE379

Waste: BRS-CONT

Gross Weight: 148400

Tare Weight: 54220

Net Weight: 94180

Tons: 47.09

Yards: 40

Origin: SAGINAW / SAGINAW

Approval #: 507035

Generator: GMPT SMCO

Work Order #:

Trailer:

Rate:

Amount:

Comment: 3198

Craig Van Norman
Drivers Signature

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03198

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : Michigan Zip : 48605

Site Location (if different) : _____

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp.

Address : 2000 Centerpoint Parkway MC 483520190

City : Pontiac County : _____

State : Michigan Zip : 48341

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	Soil - Impacted with PCBs	16s		Dump Truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Raymond A. Ilkka — Signature — 7-21-05

Generator/Authorized Agent Name (Printed) — Signature — Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Bierlein

Address : 2000 Bay City Rd
Midland, MI 48642

DOT # : 536673

Truck Number : 379

Phone Number : 989 496 0066

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

CRAIG VAN NORMAN — Signature — 7-21-05

Name of Authorized Agent (Printed) — Signature — Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material.

Amanda — 7-21-05

Name (Print or Typed) — Signature — Date Received

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Master Ticket: 177700
Site Ticket: 92121
Date/Time: 07/21/2005 - 09:08

Customer:	40235 / - GMPT SMCO 1629 N WASHINGTON AVENUE SAGINAW , MI 48605 -
Truck:	BDOC3-40
Waste:	BRS-CONT
Gross Weight:	153380
Tare Weight:	54600
Net Weight:	98780
Tons:	49.39
Yards:	40
Origin:	SAGINAW / SAGINAW

Approval #:	507035
Generator:	GMPT SMCO
Work Order #:	
Trailer:	
Rate:	
Amount:	
Comment:	3197

_____
Drivers Signature

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03197

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : Michigan Zip : 48605

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp.

Address : 2000 Centerpoint Parkway MC48352019

City : Pontiac County :

State : Michigan Zip : 48341

Site Location (if different) :

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	soil - impacted with PCBs			Dump truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Raymond A. Ilkka — Signature — 7-21-05

Generator/Authorized Agent Name (Printed) — Signature — Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Doc Heinz Contracting

Address : 6249 State St.

Saginaw, MI 48603

DOT # :

Truck Number : II 3

Phone Number : 989 799 2208

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

MICHAEL J GRECCETTI — Signature — 7-21-05

Name of Authorized Agent (Printed) — Signature — Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material

Signature — 7-21-05

Name (Print or Typed) — Signature — Date Received

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Master Ticket: 177513
Site Ticket: 92030
Date/Time: 07/20/2005 - 13:30

Customer: 40235 / -
GMPT SMCO
1629 N WASHINGTON AVENUE
SAGINAW , MI 48605 -

Truck: BDOC3-40

Waste: BRS-CONT

Gross Weight: 142240

Tare Weight: 54600

Net Weight: 87640

Tons: 43.82

Yards: 40

Origin: SAGINAW / SAGINAW

Approval #: 507035

Generator: GMPT SMCO

Work Order #:

Trailer:

Rate:

Amount:

Comment: 0000

_____
Drivers Signature

REPUBLIC SERVICES, INC.

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name: GMPT SMCO
Address: 1629 N. Washington Ave.
City: Saginaw County: Saginaw
State: Michigan Zip: 48605
Site Location (if different):

CUSTOMER/BILLING INFORMATION

Billing Name: General Motors Corp.
Address: 2000 Centerpoint Parkway MC 48352019
City: Pontiac County:
State: Michigan Zip: 48341

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	Soil - impacted with PCBs	lbs		Dump Truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition fc transportation according to the applicable regulations of the Department of Transportation.

Raymond A. Ilka — Signature — 7-20-05

Generator/Authorized Agent Name — Signature — Date Shipped

TRANSPORTER INFORMATION

Transporter Name: Doc Heinz Contracting
Transporter Address: 6249 State St
Saginaw, MT 48603
DOT#
Truck Number: #3
Phone Number: 989 799 2208

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Michael S Gregoris — Michael J Gilles — 7-20-05

Name of Authorized Agent — Signature — Date Delivered

DISPOSAL SITE INFORMATION

Site Name: Brent Run
Phone No. 810-879-2700
Site Address: 8335 W. Vienna Rd Montrose MT 48457

I hereby acknowledge receipt of the above described materials.

Name (Print or Type) — Signature — 7-20-05 Date Received

Form SW02 (2003)

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Master Ticket: 177462
Site Ticket: 92008
Date/Time: 07/20/2005 - 11:04

Customer: 40235 / -
GMPT SMCO
1629 N WASHINGTON AVENUE
SAGINAW , MI 48605 -

Truck: BDOC3-40

Waste: BRS-CONT

Gross Weight: 156480

Tare Weight: 54600

Net Weight: 101880

Tons: 50.94

Yards: 40

Origin: SAGINAW / SAGINAW

Approval #: 507035

Generator: GMPT SMCO

Work Order #:

Trailer:

Rate:

Amount:

Comment: 0000

_____
Drivers Signature

REPUBLIC SERVICES, INC.

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name: GMPT SMCO
Address: 1629 N. Washington Ave.
City: Saginaw County: Saginaw
State: Michigan Zip: 48605
Site Location (if different):

CUSTOMER/BILLING INFORMATION

Billing Name: General Motors Corp.
Address: 2000 Centerpoint Parkway MC 48352019
City: Pontiac County:
State: Michigan Zip: 48341

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	Soil - impacted with PCBs	101960 lbs		Dump Truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition fo transportation according to the applicable regulations of the Department of Transportation.

Raymond A Ilk — 7-20-05

Generator/Authorized Agent Name — Signature — Date Shipped

TRANSPORTER INFORMATION

Transporter Name: Doc Heinz Contracting DOT#
Transporter Address: 6249 Stark St. Truck Number: #3
Saginaw, MI 48603 Phone Number: 989 799 2208

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

MICHAEL J GRECETI — 7-20-05

Name of Authorized Agent — Signature — Date Delivered

DISPOSAL SITE INFORMATION

Site Name: Brent Run Phone No. 810-879-2700
Site Address: 8335 W. Vienna Rd Montrose, MI 48457

I hereby acknowledge receipt of the above described materials.

Amanda — 7-20-05

Name (Print or Type) — Signature — Date Received

Form SW02 (2003)

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Master Ticket: 177802
Site Ticket: 92176
Date/Time: 07/21/2005 - 12:25

Customer:	40235 / - GMPT SMCO 1629 N WASHINGTON AVENUE SAGINAW , MI 48605 -
Truck:	BDOC3-40
Waste:	BRS-CONT
Gross Weight:	144640
Tare Weight:	54600
Net Weight:	90040
Tons:	45.02
Yards:	40
Origin:	SAGINAW / SAGINAW

Approval #:	507035
Generator:	GMPT SMCO
Work Order #:	
Trailer:	
Rate:	
Amount:	
Comment:	3199

_____
Drivers Signature

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03199

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : Michigan Zip : 48605

Site Location (if different) : _____

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp

Address : 2000 Centerpoint Parkway, MC 483520190

City : Pontiac County : _____

State : Michigan Zip : 48341

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	soil - impacted with PCBs	1bs		Dump Truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Raymond A. Ilkka — Signature — 7-21-05

Generator/Authorized Agent Name (Printed) — Signature — Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Doc Heinz Contracting

Address : 6249 State St

Saginaw, MI 48603

DOT # : _____

Truck Number : #3

Phone Number : 989 799 2208

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

MICHAEL J. GREKENS — Signature — 7-21-05

Name of Authorized Agent (Printed) — Signature — Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material.

Signature — 7-21-05

Name (Print or Typed) — Signature — Date Received

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Master Ticket: 179085
Site Ticket: 92838
Date/Time: 07/27/2005 - 10:59

Customer: 40235 / -
GMPT SMCO
1629 N WASHINGTON AVENUE
SAGINAW , MI 48605 -

Truck: BBIE379

Waste: BRS-CONT

Gross Weight: 152020

Tare Weight: 54220 Manual Weight

Net Weight: 97800

Tons: 48.90

Yards: 40

Origin: SAGINAW / SAGINAW

Approval #: 507035

Generator: GMPT SMCO

Work Order #:

Trailer:

Rate:

Amount:

Comment: 3201

_____
Drivers Signature

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03201

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : Michigan Zip : 48605

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp.

Address : 2000 Centerpoint Parkway MC 483520190

City : Pontiac County :

State : Michigan Zip : 48341

Site Location (if different) :

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	soil - impacted with PCBs	98360 @ /lbs		Dump Truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Raymond A. Ilkka — Raymond A Ilkka — 7-27-05

Generator/Authorized Agent Name (Printed) — Signature — Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Bierlein

Address : 2000 Bay City Rd

Midland, MI 48642

DOT # : 536673

Truck Number : 379

Phone Number : 989 496 0066

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

CRAIG VAN NORMAN — Craig Van Norman — 7-27-05

Name of Authorized Agent (Printed) — Signature — Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material.

Katrina — 7-27-05

Name (Print or Typed) — Signature — Date Received

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Master Ticket: 179179
Site Ticket: 92877
Date/Time: 07/27/2005 - 14:20

Customer: 40235 / -
GMPT SMCO
1629 N WASHINGTON AVENUE
SAGINAW , MI 48605 -

Truck: BBIE379

Waste: BRS-CONT

Gross Weight: 149100

Tare Weight: 54220

Net Weight: 94880

Tons: 47.44

Yards: 40

Origin: SAGINAW / SAGINAW

Approval #: 507035

Generator: GMPT SMCO

Work Order #:

Trailer:

Rate:

Amount:

Comment: 3202

_____
Drivers Signature

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03202

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : Michigan Zip : 48605

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp.

Address : 2000 Centerpoint Parkway MC48355D190

City : Pontiac County :

State : Michigan Zip : 48341

Site Location (if different) :

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	soil - impacted with PCBs	lbs		dump truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Raymond A. Ilkka — Signature — 7-27-05

Generator/Authorized Agent Name (Printed) — Signature — Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Bierlein

Address : 2000 Bay City Rd

Midland, MI 48642

DOT # : 536673

Truck Number : 379

Phone Number : 989 496 0066

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

CRAIG VAN NORMAN — Signature — 7-27-05

Name of Authorized Agent (Printed) — Signature — Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material.

Name (Print or Typed) — Signature — 7-27-05

Date Received

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Master Ticket: 179302
Site Ticket: 92942
Date/Time: 07/28/2005 - 08:29

Customer:	40235 / - GMPT SMCO 1629 N WASHINGTON AVENUE SAGINAW , MI 48605 -	Approval #:	507035
		Generator:	GMPT SMCO
Truck:	BBIE379	Work Order #:	
Waste:	BRS-CONT	Trailer:	
Gross Weight:	153820	Rate:	
Tare Weight:	54220	Amount:	
Net Weight:	99600	Comment:	3205
Tons:	49.80		
Yards:	40		
Origin:	SAGINAW / SAGINAW		

Drivers Signature

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03205

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : MI Zip : 48605

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp.

Address : 2000 Centerpoint Parkway ML 48352-9010

City : Pontiac County :

State : MI Zip : 48341

Site Location (if different) :

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	Soil - impacted with PCBs	100440 lbs		dump truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Raymond A. Ilkka — Signature — 7-28-05

Generator/Authorized Agent Name (Printed) — Signature — Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Bierlein

Address : 2000 Bay City Rd

Midland, MI 48642

DOT # : 536673

Truck Number : 379

Phone Number : 989 496 0066

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Craig Van Norman — Craig VAN NORMAN — 7-28-05

Name of Authorized Agent (Printed) — Signature — Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material.

Name (Print or Typed) — Signature — 7-28-05 Date Received

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Master Ticket: 180239
Site Ticket: 93385
Date/Time: 08/02/2005 - 09:06

Customer: 40235 -
GMPT SMCO
1629 N WASHINGTON AVENUE
SAGINAW , MI 48605 -

Truck: BBIE379

Waste: BRS-CONT

Gross Weight: 155620

Tare Weight: 54220

Net Weight: 101400

Tons: 50.70

Yards: 40

Origin: SAGINAW / SAGINAW

Approval #: 507035

Generator: GMPT SMCO

Work Order #:

Trailer:

Rate:

Amount:

Comment: 3204

_____
Drivers Signature

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03204

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : Michigan Zip : 48605

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp.

Address : 2000 Centerpoint Parkway mc 483520190

City : Pontiac County :

State : Michigan Zip : 48341

Site Location (if different) :

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	Soil-impacted with RB	102160 lbs		Dump Truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Ray Ilkka — Signature — 8-2-05

Generator/Authorized Agent Name (Printed) | Signature | Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Bierlein

Address : 2000 Bay City Rd
Midland, Mich 48642

DOT # : 536673

Truck Number : 379.

Phone Number : 989 496 0066

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

CRAIG VAN NORMAN — Signature — 8-2-05

Name of Authorized Agent (Printed) | Signature | Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material

Katrina — 8-2-05

Name (Print or Typed) | Signature | Date Received

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Master Ticket: 180108
Site Ticket: 93328
Date/Time: 08/01/2005 - 14:45

Customer:	40235 / - GMPT SMCO 1629 N WASHINGTON AVENUE SAGINAW , MI 48605 -
Truck:	BBIE379
Waste:	BRS-CONT
Gross Weight:	148380
Tare Weight:	54220
Net Weight:	94160
Tons:	47.08
Yards:	40
Origin:	SAGINAW / SAGINAW

Approval #:	507035
Generator:	GMPT SMCO
Work Order #:	
Trailer:	
Rate:	
Amount:	
Comment:	3208

_____
Drivers Signature

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03208

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : Michigan Zip : 48605

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp.

Address : 2000 Centerpoint Parkway MC 483520190

City : Pontiac County :

State : Michigan Zip : 48341

Site Location (if different) :

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	So.2 - Impacted with PCBs	94,540 lbs		Dump Truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Lynn M. Porath — Lynn M Porath on behalf of GM — 8-1-05

Generator/Authorized Agent Name (Printed) — Signature — Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Bierlein

Address : 2000 Bay City Rd
Midland, Mi. 48642

DOT # : 536673

Truck Number : 379

Phone Number : 989 496 0066

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

CRAIG VAN NORMAN — Craig Van Norman — 8-1-05

Name of Authorized Agent (Printed) — Signature — Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material.

Name (Print or Typed) — Signature — 8-1-05 Date Received

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Master Ticket: 180011
Site Ticket: 93298
Date/Time: 08/01/2005 - 11:08

Customer: 40235 / -
GMPT SMCO
1629 N WASHINGTON AVENUE
SAGINAW , MI 48605 -

Truck: BBIE379

Waste: BRS-CONT

Gross Weight: 148120

Tare Weight: 54220

Net Weight: 93900

Tons: 46.95

Yards: 40

Origin: SAGINAW / SAGINAW

Approval #: 507035

Generator: GMPT SMCO

Work Order #:

Trailer:

Rate:

Amount:

Comment: 3206

_____
Drivers Signature

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03206

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : Michigan Zip : 48605

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp.

Address : 2000 Centerpoint Parkway, MC 483520190

City : Pontiac County :

State : Michigan Zip : 48341

Site Location (if different) :

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	Soil - impacted with PCBs	95,140 lbs		Dump Truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Lynn M. Porath on behalf of GM — Lynn M. Porath — 8-1-05

Generator/Authorized Agent Name (Printed) — Signature — Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Bierlein

Address : 2000 Bay City Rd

Midland, MI 48642

DOT # : 536673

Truck Number : 379

Phone Number : 989 496 0066

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

CRAIG VAN NORMAN — Craig Van Norman — 8-1-05

Name of Authorized Agent (Printed) — Signature — Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material.

Name (Print or Typed) — Signature — 8-1-05 Date Received

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Master Ticket: 180334
Site Ticket: 93424
Date/Time: 08/02/2005 - 12:04

Customer: 40235 -
GMPT SMCO
1629 N WASHINGTON AVENUE
SAGINAW , MI 48605 -

Truck: BBIE379

Waste: BRS-CONT

Gross Weight: 153420

Tare Weight: 54220

Net Weight: 99200

Tons: 49.60

Yards: 40

Origin: SAGINAW / SAGINAW

Approval #: 507035

Generator: GMPT SMCO

Work Order #:

Trailer:

Rate:

Amount:

Comment: 3209

Drivers Signature

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03209

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : Michigan Zip : 48605

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp.

Address : 2000 Centerpoint Parkway MC 483520190

City : Pontiac County : _____

State : Michigan Zip : 48341

Site Location (if different) : _____

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	Soil - impacted w/PCBs	100 040 lbs		Dump Truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Ray Ilcka — Ray A Ilcka — 8-2-05

Generator/Authorized Agent Name (Printed) — Signature — Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Beirlein

Address : 2000 Bay City Rd
Midland, Mich 48642

DOT # : 536673

Truck Number : 379

Phone Number : 989 496 0066

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

CRAIG VAN NORMAN — Craig Van Norman — 8-2-05

Name of Authorized Agent (Printed) — Signature — Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material

_____ — Katrina — 8.2.05

Name (Print or Typed) — Signature — Date Received

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Master Ticket: 180396
Site Ticket: 93450
Date/Time: 08/02/2005 - 14:08

Customer:	40235 / - GMPT SMCO 1629 N WASHINGTON AVENUE SAGINAW , MI 48605 -
Truck:	BBIE375GT
Waste:	BRS-CONT
Gross Weight:	152360
Tare Weight:	54520
Net Weight:	97840
Tons:	48.92
Yards:	40
Origin:	SAGINAW / SAGINAW

Approval #:	507035
Generator:	GMPT SMCO
Work Order #:	
Trailer:	
Rate:	
Amount:	
Comment:	3203

_____
Drivers Signature

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03203

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT Smco

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : Michigan Zip : 48605

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp.

Address : 2000 Centerpoint Parkway mc 48325 20190

City : Pontiac County : _____

State : Michigan Zip : 48341

Site Location (if different) : _____

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	S.L-impacted with RC	98,340 lbs		Dump Truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Raymond A. Illcke — Signature — 8-2-05

Generator/Authorized Agent Name (Printed) — Signature — Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Bierlein

Address : 2000 Bay City Rd.
Midland, Mich. 48642

DOT # : S-36673

Truck Number : 375

Phone Number : 989 496 0066

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Ronald L Schmidt — Signature — 8-2-05

Name of Authorized Agent (Printed) — Signature — Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described materia

_____ — Signature — 8-2-05

Name (Print or Typed) — Signature — Date Received

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Master Ticket: 180412
Site Ticket: 93459
Date/Time: 08/02/2005 - 14:31

Customer: 40235 -
GMPT SMCO
1629 N WASHINGTON AVENUE
SAGINAW , MI 48605 -

Truck: BBIE379

Waste: BRS-CONT

Gross Weight: 152540

Tare Weight: 54220

Net Weight: 98320

Tons: 49.16

Yards: 40

Origin: SAGINAW / SAGINAW

Approval #: 507035

Generator: GMPT SMCO

Work Order #:

Trailer:

Rate:

Amount:

Comment: 3211

_____
Drivers Signature

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03211

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : Mich Zip : 48601

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp.

Address : 2000 Centerpoint Parkway mc 483-20-190

City : Pontiac County :

State : Michigan Zip : 48341

Site Location (if different) :

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	Soil-impacted with PCB	99,320 lbs		Dump Truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Raymond A. Ilkka — Signature — 8-2-05

Generator/Authorized Agent Name (Printed) — Signature — Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Bierlein

Address : 2000 Bay City Rd
Midland, Mich 48642

DOT # : 536673

Truck Number : 379

Phone Number : 989 496 0066

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

CRAIG VAN NORMAN — Signature — 8-2-05

Name of Authorized Agent (Printed) — Signature — Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material.

Katrina — 8.2.05

Name (Print or Typed) — Signature — Date Received

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Master Ticket: 180556
Site Ticket: 93529
Date/Time: 08/03/2005 - 08:59

Customer: 40235 / -
GMPT SMCO
1629 N WASHINGTON AVENUE
SAGINAW , MI 48605 -

Truck: BBIE379-92

Waste: BRS-CONT

Gross Weight: 85720

Tare Weight: 35720

Net Weight: 50000

Tons: 25.00

Yards: 20

Origin: SAGINAW / SAGINAW

Approval #: 507035

Generator: GMPT SMCO

Work Order #:

Trailer:

Rate:

Amount:

Comment: 3216

_____
Drivers Signature

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03216

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : Michigan Zip : 48605

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp.

Address : 2000 Centerpoint Parkway MC 483520190

City : Pontiac County : _____

State : Mich. Zip : 48341

Site Location (if different) : _____

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	Soil impacted W/PCB	50,120 lb		Dump Truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Raymond A. Ilkka — Signature — 8-3-05

Generator/Authorized Agent Name (Printed) | Signature | Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Bierlein

Address : 2000 Bay City Rd.
Midland, Mich. 48642

DOT # : 536673

Truck Number : 379

Phone Number : 989 496 0066

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Craig VAN NORMAN — Craig Van Norman — 8-3-05

Name of Authorized Agent (Printed) | Signature | Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material.

_____ — _____ — 8-3-05

Name (Print or Typed) | Signature | Date Received

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Master Ticket: 181614
Site Ticket: 94068
Date/Time: 08/08/2005 - 10:39

Customer: 40235 / -
GMPT SMCO
1629 N WASHINGTON AVENUE
SAGINAW , MI 48605 -

Truck: BBIE379

Waste: BRS-CONT

Gross Weight: 153780

Tare Weight: 54220

Net Weight: 99560

Tons: 49.78

Yards: 40

Origin: SAGINAW / SAGINAW

Approval #: 507035

Generator: GMPT SMCO

Work Order #:

Trailer:

Rate:

Amount:

Comment: 3212

Drivers Signature

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03212

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave.

City : Saginaw County : Saginaw

State : Mich Zip : 48601

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp.

Address : 2000 Centerpoint Parkway MC 483-20190

City : Pontiac County :

State : Mich. Zip : 48341

Site Location (if different) :

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	Soil impacted with PCB	16		Dump Truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Raymond A. Ilkka — Signature — 8/8/05

Generator/Authorized Agent Name (Printed) | Signature | Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Bierlein

Address : 2000 Bay City Rd

Midland, Mich 48642

DOT # : 536673

Truck Number : 379

Phone Number : 989 496 0066

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

CRAIG VAN NORMAN — Craig Van Norman — 8-8-05

Name of Authorized Agent (Printed) | Signature | Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material.

Name (Print or Typed) | Signature | 8.8.05 Date Received

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Master Ticket: 182643
Site Ticket: 94586
Date/Time:
08/11/2005 - 11:19

Customer: 40235 / -
GMPT SMCO
1629 N WASHINGTON AVENUE
SAGINAW , MI 48605 -

Truck: BBIE379

Waste: BRS-CONT

Gross Weight: 148640

Tare Weight: 54220

Net Weight: 94420

Tons: 47.21

Yards: 40

Origin: SAGINAW / SAGINAW

Approval #: 507035

Generator: GMPT SMCO

Work Order #:

Trailer:

Rate:

Amount:

Comment: 3239

_____
Drivers Signature

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03239

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : Michiga Zip : 48605

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp.

Address : 2000 Centerpoint Parkway m
48305-2191

City : Pontiac County :

State : Mich Zip : 48341

Site Location (if different) :

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	Soil impacted W/PCB	16		Dump Truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Raymond A. Ilkka — Signature — 8/11/05

Generator/Authorized Agent Name (Printed) — Signature — Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Bierlein

Address : 2000 Boy City Rd
Midland, Mich. 48642

DOT # : 536673

Truck Number : 379

Phone Number : 989 496 0066

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

CRAIG VAN NORMAN — Craig Van Norman — 8-11-05

Name of Authorized Agent (Printed) — Signature — Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material.

Name (Print or Typed) — Signature — 8-11-05 Date Received

49350 N

', Inc.
'ille, Michigan 48111

5-1-06
50.40 +
43.78 +
43.27 +
47.07 +
59.02 *
243.54 *
TONS
005
TO EQ

GENERAL MOTORS CORPORATION-F
220 EAST COLUMBIA AVENUE
PONTIAC, MI 48340

Receipt ID: 1139433
EQ Account #: 6583
Manifest / BOL: MI10192666
Transporter: SC
Date: 05/01/2006
Time In: 10:50 AM
Time Out: 11:30 AM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	59.020 TONS
	Hazardous Surcharge Ton	59.020 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 171,800 Tare: 53,760 Net: 118,04	

NO SALVAGING ON PREMISES

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

GENERAL MOTORS CORPORATION-PONTIAC
220 EAST COLUMBIA AVENUE
PONTIAC, MI 48340

Receipt ID: 1139433
EQ Account #: 6583
Manifest / BOL: MI10192666
Transporter: SC
Date: 05/01/2006
Time In: 10:50 AM
Time Out: 11:30 AM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	59.020 TONS
	Hazardous Surcharge Ton	59.020 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 171,800 **Tare:** 53,760 **Net:** 118,040	

NO SALVAGING ON PREMISES

DEQ

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF
ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

Please print or type.

Form Approved. OMB No.2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MID041793340
Manifest Document No. 0[illegible]
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: GMPT SMCO 1629 N. Washington Ave Saginaw, MI 48605
4. Generator's Phone 989 757 1473

A. State Manifest Document Number MI10192666
B. State Generator's ID

5. Transporter 1 Company Name: S+C Transport
6. US EPA ID Number: MIR000039701
C. State Transporter's ID
D. Transporter's Phone 313 272 2000

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: EQ Wayne Disposal Inc. Site #2 Landfill 49350 North I-94 Service Dr Belleville MI 48111
10. US EPA ID Number: MID048090633
G. State Facility's ID
H. Facility's Phone 800 592 5489

HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. X	polychlorinated biphenyls, solid, 9, UN2315, II, (ERG #171)	1	DT	53536	K	PCB1
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above: stored/start date 5/4/06
Container ID# : 106701

K. Handling Codes for Wastes Listed Above: PCB1

15. Special Handling Instructions and Additional Information
Emergency # 800 535 5053   Approval # 071305PAF

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Raymond A. Ikler   Signature: [signature]   Date Month Day Year: 05 19 06

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials
Printed/Typed Name: Dan Sabranski   Signature: [signature]   Date Month Day Year: 05 19 06

18. Transporter 2 Acknowledgment of Receipt of Materials
Printed/Typed Name   Signature   Date Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: [illegible]   Signature: [signature]   Date Month Day Year: [illegible]

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOUR PER DAY.

EPA Form 8700-22 (Rev. 9/88)

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

GENERAL MOTORS CORPORATION-PONTIAC
220 EAST COLUMBIA AVENUE
PONTIAC, MI 48340

Receipt ID: 1139436
EQ Account #: 6583
Manifest / BOL: MI10192669
Transporter: SC
Date: 05/01/2006
Time In: 11:48 AM
Time Out: 12:49 PM

Line	Description	Qty.	Unit
	Generator		
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ		
	Hazardous Surcharge Ton	47.070	TONS
	MID041793340 GM PT-SAGINAW (81201)	47.070	TONS
	Gross: 146,880 **Tare:** 52,740 **Net:** 94,140		

NO SALVAGING ON PREMISES

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

DEQ WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☒ REJ. ☐ PR. ☐

Please print or type.

Form Approved. OMB No.2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MID041793340
Manifest Document No. 06057
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: GMPT SMCO 1629 N. Washington Ave Saginaw, MI 48605
4. Generator's Phone 989 757 1733
A. State Manifest Document Number MI 10192669
B. State Generator's ID

5. Transporter 1 Company Name: S+C Transport
6. US EPA ID Number: MIR000039701
C. State Transporter's ID
D. Transporter's Phone 313 272 2500

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: EQ Wayne Disposal Inc. Site #2 Landfill 49350 North I-94 Service Dr Belleville MI 48111
10. US EPA ID Number: MID048090633
G. State Facility's ID
H. Facility's Phone 800 592 5489

	HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol	I. Waste No.
a.	X	polychlorinated biphenyls, solid, 9, UN3432 II (ERG # 171)	1	DT	41918	K	PCB1
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above
stored/start date: 5/1/06
Container ID # : 102-01 PCB1

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
Emergency # 800 535 5053 Approval # 071305 PAF

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Raymond A. Ilkka — Signature: [signature] on behalf of GM — Date: 05 01 06

17. Transporter 1 Acknowledgment of Receipt of Materials
Printed/Typed Name: JEFF Collins — Signature: Jeffrey Collins — Date: 05 01 06

18. Transporter 2 Acknowledgment of Receipt of Materials
Printed/Typed Name — Signature — Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name — Signature — Date Month Day Year

GENERATOR / TRANSPORTER / FACILITY

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOUR PER DAY.

EPA Form 8700-22 (Rev. 9/88)

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

GENERAL MOTORS CORPORATION-PONTIAC
220 EAST COLUMBIA AVENUE
PONTIAC, MI 48340

Receipt ID: 1139438
EQ Account #: 6583
Manifest / BOL: MI10192668
Transporter: SC
Date: 05/01/2006
Time In: 12:04 PM
Time Out: 12:58 PM

Line	Description	Qty.	Unit
	Generator		
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ		
	Hazardous Surcharge Ton	43.270	TONS
	MID041793340 GM PT-SAGINAW (81201)	43.270	TONS
	Gross: 145,460 **Tare:** 58,920 **Net:** 86,540		

NO SALVAGING ON PREMISES

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF
ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

Please print or type.

Form Approved. OMB No.2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MID041793340
Manifest Document No. 06056
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
GMPT SMCO 1629 N. Washington Ave Saginaw, MI 48605

4. Generator's Phone 989 757 1473

A. State Manifest Document Number MI 10192668

B. State Generator's ID

5. Transporter 1 Company Name
S+C Transport

6. US EPA ID Number
MIP000039701

C. State Transporter's ID

D. Transporter's Phone 313 272 2560

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
EQ Wayne Disposal Inc. Site #2 Landfill
49350 North I-94 Service Dr
Belleville, MI 48111

10. US EPA ID Number
MID048090633

G. State Facility's ID

H. Facility's Phone 800 592 5489

	HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol	I. Waste No.
a.	X	polychlorinated biphenyls solid, 9, UN3432, II (ERG#171)	1	DT	39190	LB	PCB1
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above
Stored/start date: 5/11-6
Container ID #: 107-01
PCB1

K. Handling Codes
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
Emergency # 800 535 5053 Approval # 071305 PAF

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name	Signature	Date (Month Day Year)
Raymond A. Ilka	R A Ilka on behalf of GP	05 11 06

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
A STARMAN	A Starman	05 11 06

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOUR PER DAY.

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

GENERAL MOTORS CORPORATION-PONTIAC
220 EAST COLUMBIA AVENUE
PONTIAC, MI 48340

Receipt ID: 1139437
EQ Account #: 6583
Manifest / BOL: MI10192667
Transporter: SC
Date: 05/01/2006
Time In: 11:58 AM
Time Out: 1:08 PM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	
	Hazardous Surcharge Ton	43.780 TONS
	MID041793340 GM PT-SAGINAW (81201)	43.780 TONS
	Gross: 140,240 **Tare:** 52,680 **Net:** 87,560	

NO SALVAGING ON PREMISES

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

Please print or type.

Form Approved. OMB No.2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MIQ041793340
Manifest Document No.: 06055
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: GMPT SMCO 1629 N. Washington Ave Saginaw, MI ~ 48605
4. Generator's Phone: 989 757 1773

A. State Manifest Document Number: MI 10192667
B. State Generator's ID:

5. Transporter 1 Company Name: S + C Transport
6. US EPA ID Number: MIR000139701
C. State Transporter's ID:
D. Transporter's Phone: 313 272 2500

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address: EQ Wayne Disposal Inc. Site #2 Landfill 49350 North I-94 Service Dr Belleville MI 48111
10. US EPA ID Number: MID048090633
G. State Facility's ID:
H. Facility's Phone: 800 592 5489

	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Waste No.
a.	polychlorinated biphenyls, solid, 9, UN3432, II, (ERG # 171)	X	1	DT	39654	K	PCB1
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above: stored/start date: 5/1/06 Container ID #: 101-01 PCB1

K. Handling Codes: a. b. c. d.

15. Special Handling Instructions and Additional Information: Emergency # 800 535 5053 # Approval # 07105 PAF

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name	Signature	Date (Month Day Year)
Raymond A. Ilka	Raymond A. Ilka on behalf of GM	05 01 06

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Ron Williamson		05 01 06

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOUR PER DAY.

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

GENERAL MOTORS CORPORATION-PONTIAC
220 EAST COLUMBIA AVENUE
PONTIAC, MI 48340

Receipt ID: 1139441
EQ Account #: 6583
Manifest / BOL: MI10192670
Transporter: SC
Date: 05/01/2006
Time In: 1:41 PM
Time Out: 3:21 PM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	50.400 TONS
	Hazardous Surcharge Ton	50.400 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 161,380 **Tare:** 60,580 **Net:** 100,800	

NO SALVAGING ON PREMISES

DEQ

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF
ENVIRONMENTAL QUALITY

2001

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

Please print or type.

Form Approved. OMB No.2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
MID041793340	0058		

3. Generator's Name and Mailing Address
GMPT SMCO 1629 N. Washington Ave Saginaw, MI 48605

4. Generator's Phone 989 757 1473

A. State Manifest Document Number MI10192670

B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
S+C Transport	MIR000039701	D. Transporter's Phone 313 277 2500
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility's ID
EQ Wayne Disposal Inc. Site #2 Landfill 49350 North I-94 Service Dr Belleville, MI 48111	MID048090633	H. Facility's Phone 800 592 3489

	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	Polychlorinated biphenyls, solid, 9, UN3432, II, (ERG # 171)	X	1	DT	45591	K	PCB1
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above
Stored/start date: 5/1/06
Container ID #: 2001-01
PCB1

K. Handling Codes
a
b
c
d

15. Special Handling Instructions and Additional Information
Emergency # 800 535 5053 Approval # 071305 PAF

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name	Signature	Date (Month Day Year)
Raymond A. Ilka		05/16/06

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials		
Printed/Typed Name: Shawn Allendorf	Signature	Date (Month Day Year): 05/01/06
18. Transporter 2 Acknowledgment of Receipt of Materials		
Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
		05/01/06

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOUR PER DAY.

5-2-06
TONS
TO
EQ

55.37 +
48.28 +
52.34 +
50.49 +
50.56 +
46.91 +
49.16 +
49.35 +
50.91 +

009

453.37 *

e Disposal, Inc.

e Drive, Belleville, Michigan 48111

GENERAL MOTO
220 EAST COLUM
PONTIAC, MI 483

Receipt

Receipt ID: 1139453
EQ Account #: 6583
Manifest / BOL: MI10192671
Transporter: SC
Date: 05/02/2006
Time In: 8:59 AM
Time Out: 10:54 AM

Line	Description Generator	Qty.	Unit
1 - A	071305PAF - SOIL I	55.370	TONS
	Hazardous Surcharg	55.370	TONS
	MID041793340 GM PT-SAGINAW (81201)		
	Gross: 164,580 **Tare:** 53,840 **Net:** 110,740		

NO SALVAGING ON PREMISES

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

GENERAL MOTORS CORPORATION-PONTIAC
220 EAST COLUMBIA AVENUE
PONTIAC, MI 48340

Receipt ID: 1139453
EQ Account #: 6583
Manifest / BOL: MI10192671
Transporter: SC
Date: 05/02/2006
Time In: 8:59 AM
Time Out: 10:54 AM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	55.370 TONS
	Hazardous Surcharge Ton	55.370 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 164,580 **Tare:** 53,840 **Net:** 110,740	

NO SALVAGING ON PREMISES

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ - REJ. ☐ PR. ☐

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

Please print or type.

Form Approved. OMB No.2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MID041793340
Manifest Document No. 06060
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address GMPT SMCO 1629 N. Washington Ave Saginaw, MI 48605
4. Generator's Phone 989 757 1472

A. State Manifest Document Number MI 10192671
B. State Generator's ID
C. State Transporter's ID
D. Transporter's Phone 313 372 2500
E. State Transporter's ID
F. Transporter's Phone
G. State Facility's ID
H. Facility's Phone 800 592 5489

5. Transporter 1 Company Name S+C Transport
6. US EPA ID Number MIR000039701
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address EQ Wayne Disposal Inc. Site #2 Landfill 49350 North I-94 Service Dr Belleville MI 48111
10. US EPA ID Number MID018090633

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol	I. Waste No.
a. polychlorinated biphenyls, solid, 9, UN3432, II, (ERG# 171)	X	1	DT	50190	K	PCB
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above: Staged start date: 5/2/06 Container ID#: 106-02 PCB

K. Handling Codes for Wastes Listed Above: a. b. c. d.

15. Special Handling Instructions and Additional Information
Emergency # 800 535 5053 Approval # 071305 PAF

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name	Signature	Date (Month Day Year)
Raymond A. Ilka	Raymond A. Ilka on behalf of GM	05 02 06

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials		
Printed/Typed Name: DAN SATKOWSKI	Signature	Date: 05/02/06
18. Transporter 2 Acknowledgment of Receipt of Materials		
Printed/Typed Name	Signature	Date

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
		05 02 06

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOUR PER DAY.

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

GENERAL MOTORS CORPORATION-PONTIAC
220 EAST COLUMBIA AVENUE
PONTIAC, MI 48340

Receipt ID: 1139504
EQ Account #: 6583
Manifest / BOL: MI10192677
Transporter: SC
Date: 05/02/2006
Time In: 4:44 PM
Time Out: 5:40 PM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	48.280 TONS
	Hazardous Surcharge Ton	48.280 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 150,760 **Tare:** 54,200 **Net:** 96,560	

NO SALVAGING ON PREMISES

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

DEQ WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Please print or type.

Form Approved. OMB No.2050-0039

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOUR PER DAY.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MID041793340
Manifest Document No.: 06006
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number: MI 10192677

3. Generator's Name and Mailing Address: GMPT SMCO, 1629 N. Washington Ave, Saginaw, MI 48605
4. Generator's Phone (989) 757 1473
B. State Generator's ID

5. Transporter 1 Company Name: S+C Transport
6. US EPA ID Number: MIR000039701
C. State Transporter's ID
D. Transporter's Phone 313 272 2500

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: EQ Wayne Disposal Inc. Site #2 Landfill, 49350 North I-94 Service Dr, Belleville, MI 48111
10. US EPA ID Number: MID048090633
G. State Facility's ID
H. Facility's Phone 800 592 5489

	HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol	I. Waste No.
a.	X	polychlorinated biphenyls, solid, 9, UN3432, II, (ERG # 171)	1	DT	43736	K	PCB1
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above: stored/start date: 3/2/06; Container ID #: 106-03
K. Handling Codes for Wastes Listed Above: PCB1

15. Special Handling Instructions and Additional Information: Emergency # 800 535 5053   Approval # 071305 PAF

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Raymond A. Ilkka | Signature: [signature] for GMPT SMCO | Date Month Day Year: 05 30 06

17. Transporter 1 Acknowledgment of Receipt of Materials
Printed/Typed Name: DAN SATLOWSKI | Signature: [signature] | Date Month Day Year: 05 30 06

18. Transporter 2 Acknowledgment of Receipt of Materials
Printed/Typed Name | Signature | Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: [illegible] | Signature: [signature] | Date Month Day Year: [illegible]

EPA Form 8700-22 (Rev. 9/88)

EQP 5110

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

GENERAL MOTORS CORPORATION-PONTIAC
220 EAST COLUMBIA AVENUE
PONTIAC, MI 48340

Receipt ID: 1139498
EQ Account #: 6583
Manifest / BOL: MI10192676
Transporter: SC
Date: 05/02/2006
Time In: 3:30 PM
Time Out: 4:32 PM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	50.490 TONS
	Hazardous Surcharge Ton	50.490 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 154,080 **Tare:** 53,100 **Net:** 100,980	

NO SALVAGING ON PREMISES

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

Please print or type.

Form Approved. OMB No.2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MID041793340
Manifest Document No. 20625
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address 1629 N. Washington Ave
GMPT SMCO
Saginaw, MI 48605

4. Generator's Phone 989 757 1473

A. State Manifest Document Number MI 10192676
B. State Generator's ID.
C. State Transporter's ID
D. Transporter's Phone 313 272 2560
E. State Transporter's ID
F. Transporter's Phone
G. State Facility's ID
H. Facility's Phone 800 592 5489

5. Transporter 1 Company Name: S & C Transport
6. US EPA ID Number: MIR000039701

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
EQ Wayne Disposal Inc. Site #2 Landfill
49350 North I-94 Service Dr
Belleville MI 48111

10. US EPA ID Number: MID048090633

	HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	X	polychlorinated biphenyls, solid, 9, UN3432, II, (ERG # 171)	1	DT	45754	K	PCB
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above
Storage start date: 3/1/06
Container ID #: 102-03

15. Special Handling Instructions and Additional Information
Emergency # 800 535 5053 Approval # 071305 PAF

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name: Raymond A. Ilkka
Signature: Raymond A Ilkka on behalf of GM
Date: Month 05 Day 22 Year 06

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials
Printed/Typed Name: JEFF COLLINS
Signature: Jeff Collins
Date: Month 05 Day 22 Year 06

18. Transporter 2 Acknowledgment of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Date: Month Day Year

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOUR PER DAY.

EPA Form 8700-22 (Rev. 9/88)

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

GENERAL MOTORS CORPORATION-PONTIAC
220 EAST COLUMBIA AVENUE
PONTIAC, MI 48340

Receipt ID: 1139452
EQ Account #: 6583
Manifest / BOL: MI10192672
Transporter: SC
Date: 05/02/2006
Time In: 8:58 AM
Time Out: 10:51 AM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	52.340 TONS
	Hazardous Surcharge Ton	52.340 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 157,920 **Tare:** 53,240 **Net:** 104,680	

NO SALVAGING ON PREMISES

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

Please print or type.

Form Approved. OMB No.2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MID041793340
Manifest Document No.: 06061
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: GMPT SMCO 1629 N. Washington Ave Saginaw, MI 48605
A. State Manifest Document Number: MI 10192672
B. State Generator's ID
4. Generator's Phone (989) 757 1479
5. Transporter 1 Company Name: S+C Transport
6. US EPA ID Number: MIR000039701
C. State Transporter's ID
D. Transporter's Phone 313 272 2200
7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone
9. Designated Facility Name and Site Address: EQ Wayne Disposal Inc. Site #2 Landfill 49350 North I-94 Service Dr Belleville MI 48111
10. US EPA ID Number: MID048090633
G. State Facility's ID
H. Facility's Phone 800 592 5489

	HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol	I. Waste No.
a.	X	polychlorinated biphenyls, solid, 9, UN3432, II (ERG # 171)	1	DT	47563	K	PCB 1
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above
stored/start date: 5/2/06
Container ID #: 102-02

K. Handling Codes for Wastes Listed Above
a. PCB1
b.
c.
d.

15. Special Handling Instructions and Additional Information
Emergency # 800 535 5053 Approval # 071305 PAF

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Raymond A. Ilkka
Signature: Raymond A. Ilkka on behalf of GM
Date Month Day Year: 05 02 06

GENERATOR

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials
Printed/Typed Name: JEFF Collins
Signature: Jeff Collins
Date Month Day Year: 05 02 06

18. Transporter 2 Acknowledgment of Receipt of Materials
Printed/Typed Name
Signature
Date Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Deidra Price
Signature: Deidra Price
Date Month Day Year: 05 02 06

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOUR PER DAY.

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

GENERAL MOTORS CORPORATION-PONTIAC
220 EAST COLUMBIA AVENUE
PONTIAC, MI 48340

Receipt ID: 1139457
EQ Account #: 6583
Manifest / BOL: MI10192674
Transporter: SC
Date: 05/02/2006
Time In: 9:43 AM
Time Out: 11:01 AM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	50.560 TONS
	Hazardous Surcharge Ton	50.560 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 162,700 **Tare:** 61,580 **Net:** 101,120	

NO SALVAGING ON PREMISES

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE (2001)
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

Please print or type.

Form Approved. OMB No.2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MID041793340
Manifest Document No.: 06067
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number: MI10192674

3. Generator's Name and Mailing Address: GMPT SMC 1629 N. Washington Ave Saginaw, MI 48605
4. Generator's Phone: 989 757 1473

B. State Generator's ID

5. Transporter 1 Company Name: STC Transport
6. US EPA ID Number: MIR000039701
C. State Transporter's ID
D. Transporter's Phone: 313 272 7500

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: EQ Wayne Disposal Inc. Site #2 Landfill 49350 North I-94 Service Dr Belleville MI 48111
10. US EPA ID Number: MID048090633
G. State Facility's ID
H. Facility's Phone: 800 592 5489

	HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol	I. Waste No.
a.	X	polychlorinated biphenyls solid, 9, UN3432, II (ERG#171)	1	DT	45791	K	PCB1
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above
stored/start date: 5/3/06
Container ID #: 2006-02
PCB1

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
Emergency # 800 535 5053   Approval # 071305 PAF

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Raymond A. Ilkka
Signature: R A Ilkka on behalf of GM
Date (Month Day Year): 05 22 06

17. Transporter 1 Acknowledgment of Receipt of Materials
Printed/Typed Name: Shawn Allendorf
Signature: [signature]
Date (Month Day Year): 05 22 06

18. Transporter 2 Acknowledgment of Receipt of Materials
Printed/Typed Name:
Signature:
Date (Month Day Year):

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: [signature]
Signature: [signature]
Date (Month Day Year):

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOUR PER DAY.

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

GENERAL MOTORS CORPORATION-PONTIAC
220 EAST COLUMBIA AVENUE
PONTIAC, MI 48340

Receipt ID: 1139505
EQ Account #: 6583
Manifest / BOL: MI10192678
Transporter: SC
Date: 05/02/2006
Time In: 4:45 PM
Time Out: 5:51 PM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	46.910 TONS
	Hazardous Surcharge Ton	46.910 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 155,040 **Tare:** 61,220 **Net:** 93,820	

NO SALVAGING ON PREMISES

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

DEQ WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Please print or type. Form Approved. OMB No.2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MID041793340
Manifest Document No. 06061
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: GMPT SMCO 1629 N. Washington Ave Saginaw, MI 48605
A. State Manifest Document Number: MI 10192678
B. State Generator's ID
4. Generator's Phone (989) 757 1473
5. Transporter 1 Company Name: S+C Transport
6. US EPA ID Number: MIR000039701
C. State Transporter's ID
D. Transporter's Phone
7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone
9. Designated Facility Name and Site Address: EQ Wayne Disposal Inc. Site #2 Landfill 49350 North I-94 Service Dr Belleville MI 48111
10. US EPA ID Number: MID048090633
G. State Facility's ID
H. Facility's Phone: 800 592 5489

	HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	X	polychlorinated biphenyls, solid, 9, UN3432, II (ERG #171)	1	DT	4233	K	PCB1
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above: Stored/start date: 5/2/06 Container ID #: 2001-03
K. Handling Codes for Wastes Listed Above: a. L

15. Special Handling Instructions and Additional Information: Emergency # 800 535 5053 Approval # 071305 PAF

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Raymond A. Ilkka | Signature: Raymond A. Ilkka on behalf of GM | Date: Month Day Year 05 02 06

17. Transporter 1 Acknowledgment of Receipt of Materials
Printed/Typed Name: Shawn Allendorf | Signature: [signature] | Date: Month Day Year 05 02 06

18. Transporter 2 Acknowledgment of Receipt of Materials
Printed/Typed Name | Signature | Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Lori Bro[illegible] | Signature: [signature] | Date: Month Day Year 05 02 06

GENERATOR / TRANSPORTER / FACILITY

IN CASE OF EMERGENCY OR SPILL, CONTACT THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOUR PER DAY.

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

GENERAL MOTORS CORPORATION-PONTIAC
220 EAST COLUMBIA AVENUE
PONTIAC, MI 48340

Receipt ID: 1139456
EQ Account #: 6583
Manifest / BOL: MI10192675
Transporter: SC
Date: 05/02/2006
Time In: 9:35 AM
Time Out: 11:12 AM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	49.160 TONS
	Hazardous Surcharge Ton	49.160 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 151,160 **Tare:** 52,840 **Net:** 98,320	

NO SALVAGING ON PREMISES

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF
ENVIRONMENTAL QUALITY

101

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

Please print or type.

Form Approved. OMB No.2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MID041793340
Manifest Document No. 06064
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
GMPT SMCO
1629 N. Washington Ave
Saginaw, MI 48605
4. Generator's Phone (989 757 1443)

A. State Manifest Document Number MI 10192675
B. State Generator's ID
C. State Transporter's ID
D. Transporter's Phone 313 272 2500
E. State Transporter's ID
F. Transporter's Phone
G. State Facility's ID
H. Facility's Phone 800 592 5489

5. Transporter 1 Company Name
S+C Transport
6. US EPA ID Number
MIR000039701

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
EQ Wayne Disposal Inc. Site #2 Landfill
49350 North I-94 Service Dr
Belleville, MI 48111
10. US EPA ID Number
MID048090633

	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER). HM		12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Waste No.
a.	X	Polychlorinated biphenyls, solid, 9, UN3432 II (EAC #171)	1	DT	44627	K	PCBs
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above
Stored/start date: 5/2/06 PCBs
Container ID #: 101-02

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
Emergency # 800 535 5053 Approval # 071305 PAF

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Date (Month Day Year)
Raymond A. Ilka	Raymond A. Ilka on behalf of GM	05 02 06

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials		
Printed/Typed Name	Signature	Date (Month Day Year)
Tom Williamson		05 02 06
18. Transporter 2 Acknowledgment of Receipt of Materials		
Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOUR PER DAY.

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

GENERAL MOTORS CORPORATION-PONTIAC
220 EAST COLUMBIA AVENUE
PONTIAC, MI 48340

Receipt ID: 1139506
EQ Account #: 6583
Manifest / BOL: MI10192679
Transporter: SC
Date: 05/02/2006
Time In: 4:46 PM
Time Out: 5:43 PM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	49.350 TONS
	Hazardous Surcharge Ton	49.350 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 151,220 **Tare:** 52,520 **Net:** 98,700	

NO SALVAGING ON PREMISES

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF
ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

Please print or type.

Form Approved. OMB No.2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
MID041793340	06068		

3. Generator's Name and Mailing Address: GMPT SMCO, 1629 N. Washington Ave, Saginaw, MI 48605

4. Generator's Phone: (989) 757 1473

A. State Manifest Document Number: MI 10192679

B. State Generator's ID:

5. Transporter 1 Company Name: S+C Transport

6. US EPA ID Number: MIR000039701

C. State Transporter's ID:

D. Transporter's Phone: 313 272 2500

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. State Transporter's ID:

F. Transporter's Phone:

9. Designated Facility Name and Site Address: EQ Wayne Disposal Inc Site #2 Landfill, 19350 North I-94 Service Dr, Belleville MI 48111

10. US EPA ID Number: MID048090633

G. State Facility's ID:

H. Facility's Phone: 800 592 5489

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	HM	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Waste No.
a. Polychlorinated biphenyls, solid, 9, UN3432, II, (ERG # 171)	X	1	DT	44654	K	PCB1
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above: Shipping Start Date: 5/2/06; Container ID #: 101-03; PCB1

K. Handling Codes: a. b. c. d.

15. Special Handling Instructions and Additional Information: Emergency # 800 535 5053 Approval # 071305 PAF

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Date (Month Day Year)
Raymond A. Tilka	Raymond A Tilka on behalf of GM	05 02 06

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Lou Williamson		05 02 06

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOUR PER DAY.

GENERATOR

EPA Form 8700-22 (Rev. 9/88)

EQP 5110 Rev 7/03

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

GENERAL MOTORS CORPORATION-PONTIAC
220 EAST COLUMBIA AVENUE
PONTIAC, MI 48340

Receipt ID: 1139454
EQ Account #: 6583
Manifest / BOL: MI10192673
Transporter: SC
Date: 05/02/2006
Time In: 9:21 AM
Time Out: 11:23 AM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	50.910 TONS
	Hazardous Surcharge Ton	50.910 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 160,720 **Tare:** 58,900 **Net:** 101,820	

NO SALVAGING ON PREMISES

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

Please print or type.

Form Approved. OMB No.2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MIDO11793340
Manifest Document No. 06063
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
GMPT SMCO 1629 N. Washington Ave Saginaw, MI 48605
4. Generator's Phone (989) 752 1479

A. State Manifest Document Number MI 10192673
B. State Generator's ID

5. Transporter 1 Company Name
S t C Transport
6. US EPA ID Number
MIR0000 39701
C. State Transporter's ID
D. Transporter's Phone 313 771 2500

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
EQ Wayne Disposal Inc. Site #2 Landfill
49350 North I-94 Service Dr
Belleville, MI 48111
10. US EPA ID Number
MID048090633
G. State Facility's ID
H. Facility's Phone 800 592 5489

	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER). HM		12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Waste No.
a.	X	polychlorinated biphenyls, solid, 9, UN3432, II, (ERG #171)	1	AT	46172	K	PCB1
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above
solid start date: 5/2/06
Container ID #: 107-02
PCB1

K. Handling Codes
a
b
c
d

15. Special Handling Instructions and Additional Information
Emergency # 800 535 5053 Approval # 071305 PAF

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name	Signature	Date (Month Day Year)
Raymond A. Tibbe	Raymond A Tibbe on behalf of GM	05 02 06

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
C. Stevens	C. Stevens	05 02 06

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOUR PER DAY.

5-3-06
Tons
006 +0

47.98 +
49.36 +
55.59 +
53.52 +
48.31 +
56.48 +

311.24 *

Wayne Disposal, Inc.

350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

)RATION-PONTIAC
UE

Receipt ID: 1139537
EQ Account #: 6583
Manifest / BOL: MI10192684
Transporter: SC
Date: 05/03/2006
Time In: 3:32 PM
Time Out: 4:23 PM

	Qty. Unit
) W/PCB GMM401-EQ	47.980 TONS
	47.980 TONS

IAW (81201)

53,380 **Net:** 95,960

NO SALVAGING ON PREMISES

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

GENERAL MOTORS CORPORATION-PONTIAC
220 EAST COLUMBIA AVENUE
PONTIAC, MI 48340

Receipt ID: 1139537
EQ Account #: 6583
Manifest / BOL: MI10192684
Transporter: SC
Date: 05/03/2006
Time In: 3:32 PM
Time Out: 4:23 PM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	47.980 TONS
	Hazardous Surcharge Ton	47.980 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 149,340 **Tare:** 53,380 **Net:** 95,960	

NO SALVAGING ON PREMISES

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

DEQ

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF
ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Please print or type.

Form Approved. OMB No.2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MID041793340
Manifest Document No. 06022
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address GMPT SMCO 1629 N. Washington Ave Saginaw, MI 48605
A. State Manifest Document Number MI10192684
B. State Generator's ID
4. Generator's Phone (989) 757 1577
5. Transporter 1 Company Name S&L Transport
6. US EPA ID Number MIR000039701
C. State Transporter's ID
D. Transporter's Phone 313 272 2500
7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone
9. Designated Facility Name and Site Address EQ Wayne Disposal Inc Site #2 Landfill 49350 North I-94 Service Dr Belleville MI 48111
10. US EPA ID Number MID048090633
G. State Facility's ID
H. Facility's Phone 810 592 5489

HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. X	Polychlorinated biphenyls solid, 9, UN3432, II, (ERG#171)	1	DT	42490	K	PCB1
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above
Stored/start date 5/1/06
Container ID #:106-05
PCB1

K. Handling Codes
a
b
c
d

15. Special Handling Instructions and Additional Information
Emergency # 600 535 5053 Approval # 071305 PAF

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Date Month Day Year
[illegible]	[signature]	06 06 06

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
DAN SATKOWSKI	[signature]	06 06 06

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

GENERATOR

TRANSPORTER

FACILITY

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOUR PER DAY.

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

GENERAL MOTORS CORPORATION-PONTIAC
220 EAST COLUMBIA AVENUE
PONTIAC, MI 48340

Receipt ID: 1139513
EQ Account #: 6583
Manifest / BOL: MI10192680
Transporter: SC
Date: 05/03/2006
Time In: 8:53 AM
Time Out: 9:43 AM

Line	Description / Generator	Qty.	Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ		
	Hazardous Surcharge Ton	49.360	TONS
	MID041793340 GM PT-SAGINAW (81201)	49.360	TONS
	Gross: 152,580 **Tare:** 53,860 **Net:** 98,720		

NO SALVAGING ON PREMISES

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF
ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

Please print or type.

Form Approved. OMB No.2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MID041793340
Manifest Document No. 06069
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
GMPT SMCO 1629 N. Washington Ave Saginaw, MI 48605

A. State Manifest Document Number MI 10192680

4. Generator's Phone (989) 757 1473

B. State Generator's ID

5. Transporter 1 Company Name
S + C Transport

6. US EPA ID Number MIR000039701

C. State Transporter's ID

D. Transporter's Phone 313 272 2400

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
EQ Wayne Disposal Inc. Site #2 Landfill
49350 North I-94 Service Dr
Belleville MI 48111

10. US EPA ID Number MID048090633

G. State Facility's ID

H. Facility's Phone 800 592 5489

	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER). HM		12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Waste No.
a.	X	polychlorinated biphenyls, solid, 9, NA3432, II, (ERG# 171)	1	DT	44727	K	PCB1
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above
Steel/Steel plate: 5/3/06
Container ID #: 106-04
PCB1

K. Handling Codes
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
Emergency # 800 535 5053 Approval # 071305 PAF

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name	Signature	Date Month Day Year
Raymond A. Tibbe	Raymond A. Tibbe as Agent of GM	05 16 06

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
DAN SATKOWSKI	[signature]	05 03 06

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOUR PER DAY.

EPA Form 8700-22 (Rev. 9/88)

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

GENERAL MOTORS CORPORATION-PONTIAC
220 EAST COLUMBIA AVENUE
PONTIAC, MI 48340

Receipt ID: 1139538
EQ Account #: 6583
Manifest / BOL: MI10192685
Transporter: SC
Date: 05/03/2006
Time In: 3:39 PM
Time Out: 4:30 PM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	55.590 TONS
	Hazardous Surcharge Ton	55.590 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 163,640 **Tare:** 52,460 **Net:** 111,180	

NO SALVAGING ON PREMISES

Required under authority of Part 111 a
Part 121 of Act 451, 1994, as amende

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MC

DEQ WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF
ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Please print or type.

Form Approved. OMB No.2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MID041793340
Manifest Document No. 06074
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
GMPT SMCO 1629 N. Washington Ave
Saginaw, MI 48605

A. State Manifest Document Number MI 10192685
B. State Generator's ID

4. Generator's Phone (989) 757 1473

5. Transporter 1 Company Name S+C Transport
6. US EPA ID Number MIR000039701
C. State Transporter's ID
D. Transporter's Phone 313 272 2500

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
EQ Wayne Disposal Inc. Site #2 Landfill
49350 North I-94 Service Dr
Belleville MI 48111
10. US EPA ID Number MID048090633
G. State Facility's ID
H. Facility's Phone 800 592 5489

	HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	X	polychlorinated biphenyls, solid, 9 UN3432 II, (ERG #171)	1	DT	50363	K	PCB1
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above
stored/start date: 5/2/06
Container ID #: 101-05

K. Handling Codes
a
b
c
d

15. Special Handling Instructions and Additional Information
Emergency # 800 535 5053 Approval # 071305 PAF

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Raymond A. [illegible] | Signature: [signature] on behalf of GM | Date Month Day Year: 05 02 0[illegible]

17. Transporter 1 Acknowledgment of Receipt of Materials
Printed/Typed Name: Carl Williamson | Signature: [signature] | Date Month Day Year: 05 02 0[illegible]

18. Transporter 2 Acknowledgment of Receipt of Materials
Printed/Typed Name | Signature | Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Date Month Day Year

GENERATOR / TRANSPORTER / FACILITY

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOUR PER DAY.

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

GENERAL MOTORS CORPORATION-PONTIAC
220 EAST COLUMBIA AVENUE
PONTIAC, MI 48340

Receipt ID: 1139515
EQ Account #: 6583
Manifest / BOL: MI10192681
Transporter: SC
Date: 05/03/2006
Time In: 9:13 AM
Time Out: 10:15 AM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	53.520 TONS
	Hazardous Surcharge Ton	53.520 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 159,960 **Tare:** 52,920 **Net:** 107,040	

NO SALVAGING ON PREMISES

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

DEQ

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF
ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Please print or type.

Form Approved. OMB No.2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MID041793340
Manifest Document No. 06070
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: GMPT SMCO 1629 N. Washington Ave Saginaw, MI 48605
4. Generator's Phone (989 757 1473

A. State Manifest Document Number MI 10192681
B. State Generator's ID

5. Transporter 1 Company Name: S+C Transport
6. US EPA ID Number: MIR000039701
C. State Transporter's ID
D. Transporter's Phone 313 272 2500

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: EQ Wayne Disposal Inc Site #2 Landfill 49350 North I-94 Service Dr Belleville MI 48111
10. US EPA ID Number: MID048090633
G. State Facility's ID
H. Facility's Phone 800 592 5489

	HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol	I. Waste No.
a.	X	polychlorinated biphenyls, solid, 9, UN3432, II, (ERG# 171)	1	DT	42509	K	PCB1
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above
stored/start date: 5/1/06
Container ID #: 101-04
PCB1

K. Handling Codes
a
b
c
d

15. Special Handling Instructions and Additional Information
Emergency # 810 535 5053 Approval # 071305 PAF

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Date Month Day Year
Raymond A. Ilaka	Raymond A. Ilaka on behalf of GM	05 23 06

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Carl Williamson	[signature]	05 23 06

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

GENERATOR / TRANSPORTER / FACILITY

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOUR PER DAY.

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

GENERAL MOTORS CORPORATION-PONTIAC
220 EAST COLUMBIA AVENUE
PONTIAC, MI 48340

Receipt ID: 1139518
EQ Account #: 6583
Manifest / BOL: MI10192682
Transporter: SC
Date: 05/03/2006
Time In: 9:26 AM
Time Out: 10:29 AM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	48.310 TONS
	Hazardous Surcharge Ton	48.310 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 155,660 **Tare:** 59,040 **Net:** 96,620	

NO SALVAGING ON PREMISES

DEQ WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

107

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS ☒ REJ. ☐ PR. ☐

Required under authority of Part 111 ar Part 121 of Act 451, 1994, as amendec

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

Please print or type.

Form Approved. OMB No.2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MID041793340	Manifest Document No. 06071	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: GMPT SMCO 1629 N. Washington Ave Saginaw, MI 48605

4. Generator's Phone (989 757 1473

A. State Manifest Document Number: MI10192682

B. State Generator's ID

5. Transporter 1 Company Name: S+C Transport

6. US EPA ID Number: MIR000039701

C. State Transporter's ID

D. Transporter's Phone: 313 272 2300

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address: EQ Wayne Disposal Inc. Site #2 Landfill, 49350 North I-94 Service Dr, Belleville MI 48111

10. US EPA ID Number: MID048090633

G. State Facility's ID

H. Facility's Phone: 800 592 5489

	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Waste No.
a.	polychlorinated biphenyls, solid, 9, UN3432, II, (ERG# 171)	X	1	DT	43818	K	PCB1
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above: stored/start date: 5/3/06; Container ID #: 1577-03; PCB

K. Handling Codes for Wastes Listed Above: a. b. c. d.

15. Special Handling Instructions and Additional Information: Emergency # 800 535 5053 Approval # 071305 PAF

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name	Signature	Date (Month Day Year)
Raymond A. Ilkka	Raymond A. Ilkka on behalf of GM	05 03 06

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
A. Stallard	[signature]	05 03 06

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOUR PER DAY.

EPA Form 8700-22 (Rev. 9/88)

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

GENERAL MOTORS CORPORATION-PONTIAC
220 EAST COLUMBIA AVENUE
PONTIAC, MI 48340

Receipt ID: 1139521
EQ Account #: 6583
Manifest / BOL: MI10192683
Transporter: SC
Date: 05/03/2006
Time In: 10:14 AM
Time Out: 11:09 AM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	56.480 TONS
	Hazardous Surcharge Ton	56.480 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 166,460 **Tare:** 53,500 **Net:** 112,960	

NO SALVAGING ON PREMISES

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

Please print or type.

Form Approved. OMB No.2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
MID041793340	06071		

3. Generator's Name and Mailing Address: GMPT SMCO 1629 N. Washington Ave Saginaw, MI 48605

4. Generator's Phone: 989 757 1473

A. State Manifest Document Number: MI 10192683

B. State Generator's ID:

5. Transporter 1 Company Name: S+C Transport

6. US EPA ID Number: MIR000039701

C. State Transporter's ID:

D. Transporter's Phone: 313 272 2500

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. State Transporter's ID:

F. Transporter's Phone:

9. Designated Facility Name and Site Address: EQ Wayne Disposal Inc. Sit #2 Landfill 49350 North I-94 Service Dr Belleville, MI 48111

10. US EPA ID Number: MID048090633

G. State Facility's ID:

H. Facility's Phone: 800 592 5489

	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER). HM		12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Waste No.
a.	X	polychlorinated biphenyls, solid, 9, UN3432, II, (ERG# 171)	1	DT	51236	K	PCB1
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above: Storage/start date: 5/13/04 Container ID #: 102-04 PCB1

K. Handling Codes: a. b. c. d.

15. Special Handling Instructions and Additional Information: Emergency # 800 535 5053 Approval # 071305 PAF

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name	Signature	Date (Month Day Year)
Raymond A. Ilka	Raymond A Ilka on behalf of GM	05 13 04

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Jeff Collins	Jeff Collins	05 13 04

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOUR PER DAY.

EPA Form 8700-22 (Rev. 9/88)

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

GENERAL MOTORS CORPORATION-PONTIAC
220 EAST COLUMBIA AVENUE
PONTIAC, MI 48340

Receipt ID: 1139548
EQ Account #: 6583
Manifest / BOL: MI10192686
Transporter: SC
Date: 05/04/2006
Time In: 10:05 AM
Time Out: 11:25 AM

Line	Description Generator	Qty. Unit
1 - A	071305PAF - SOIL IMPACTED W/PCB GMM401-EQ	41.770 TONS
	Hazardous Surcharge Ton	41.770 TONS
	MID041793340 GM PT-SAGINAW (81201)	
	Gross: 137,340 **Tare:** 53,800 **Net:** 83,540	

NO SALVAGING ON PREMISES

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

Please print or type.

Form Approved. OMB No.2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MID041793340
Manifest Document No. 06075
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: GMPT SMCO, 1629 N. Washington Ave, Saginaw, MI 48605

A. State Manifest Document Number: MI 10192686

B. State Generator's ID

4. Generator's Phone (989) 757 1477

5. Transporter 1 Company Name: S+S Transport
6. US EPA ID Number: MIR000039701

C. State Transporter's ID

D. Transporter's Phone 989 777 1500

7. Transporter 2 Company Name
8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address: EQ Wayne Disposal Inc. Site #2 Landfill, 49350 North I-94 Service Dr, Belleville, MI 48111
10. US EPA ID Number: MID048090633

G. State Facility's ID

H. Facility's Phone 800 592 5489

HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. X	polychlorinated biphenyls, solid, 9, UN3432, II, (ERG# 171)	1	DT	37791	K	PCB01
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above: Stored/start date 5/4/06 Container ID # 106-06

K. Handling Codes for Wastes Listed Above: PCB

15. Special Handling Instructions and Additional Information: Emergency # 800 535 5053 Approval # 071305 PAF

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Raymond A. Ilkka
Signature: [signature] on behalf of GM
Date (Month Day Year): 05 04 06

17. Transporter 1 Acknowledgment of Receipt of Materials
Printed/Typed Name: DAN SATKOWSKI
Signature: [signature]
Date (Month Day Year): 05 04 06

18. Transporter 2 Acknowledgment of Receipt of Materials
Printed/Typed Name
Signature
Date (Month Day Year)

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Lo. Bee
Signature: [signature]
Date (Month Day Year): 05 05 06

IN CASE OF EMERGENCY OR SPILL, CONTACT THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOUR PER DAY.

EPA Form 8700-22 (Rev. 9/88)

EQP 5110 Rev. 7/03

TRANSPORTER COPY

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Ticket: 500266
Date: 5/3/2006
Time In: 11:53:41
Time Out: 11:56:27

Truck: BDOC3-40
Customer: 40235/GMPT SMCO

License: 492&493

Gross: 143240 lb In Scale 1
Tare: 54600 lb P.T.
Net: 88640 lb
Net Tons: 44.32 Cuyds: 40.00

Truck Type: GRAVEL TRAIN

Profile: 507035/SOIL IMPACTED W/PCB
Generator: GMPT SMCO/GMPT SMCO

Manifest:3214

Comment: 3214

Origin	Materials & Services	Quantity	Unit
SAGINAW/SAGINAW COUNTY	100% of 0148/SOIL CONTAMINATED TON	44.32	Tons

Driver: _____

Deputy Weighmaster: _____
KATRINA POWELL

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03214

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : MI Zip : 48605

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp.

Address : 2000 Centerpoint Parkway MC 483523191

City : Pontiac County :

State : MI Zip : 48341

Site Location (if different) :

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	soil impacted with PCBs	88420 lbs		dump truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Raymond A. Ilkka — Raymond A Ilkka on behalf of GM — 5/3/06

Generator/Authorized Agent Name (Printed) — Signature — Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Doc Heinz Contracting

Address : 6249 State St

Saginaw, MI 48603

DOT # : MPSC L-23193

Truck Number : 3

Phone Number : 989 799 2208

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

MICHAEL GRECCETTS — 5-3-06

Name of Authorized Agent (Printed) — Signature — Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material.

5-3-06

Name (Print or Typed) — Signature — Date Received

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Ticket: 500311
Date: 5/3/2006
Time In: 14:39:07
Time Out: 14:39:57

Truck: BDOC3-40
Customer: 40235/GMPT SMCO

License: 492&493

Gross: 138820 lb In Scale 1
Tare: 54600 lb P.T.
Net: 84220 lb
Net Tons: 42.11 Cuyds: 40.00

Truck Type: GRAVEL TRAIN

Profile: 507035/SOIL IMPACTED W/PCB
Generator: GMPT SMCO/GMPT SMCO

Manifest:3215

Comment: 3215

Origin	Materials & Services	Quantity	Unit
SAGINAW/SAGINAW COUNTY	100% of 0148/SOIL CONTAMINATED TON	42.11	Tons

Driver: _____

Deputy Weighmaster: _____
KATRINA POWELL

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03215

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : MI Zip : 48605

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp.

Address : 2000 Centerpoint Parkway MC 483520191

City : Pontiac County :

State : MI Zip : 48341

Site Location (if different) :

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	soil impacted with PCBs	84160 lbs		dump truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Raymond A. Ilke — Raymond A Ilke on behalf of GM — 5/3/06

Generator/Authorized Agent Name (Printed) — Signature — Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Doc Heinz

Address : 6249 State St

Saginaw, MI 48603

DOT # : MPSC L-23193

Truck Number : 3

Phone Number : 989 799 2208

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

MICHAEL J GRETCETIS — Michael J Gretcetis — 5-3-06

Name of Authorized Agent (Printed) — Signature — Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material.

Name (Print or Typed) — Signature — 5-3-06 — Date Received

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Ticket: 500397
Date: 5/4/2006
Time In: 09:15:02
Time Out: 09:17:02

Truck: BDOC20-GT
Customer: 40235/GMPT SMCO
License: HEIINZ 40G

Gross: 151680 lb In Scale 1
Tare: 61120 lb P.T.
Net: 90560 lb
Net Tons: 45.28 Cuyds: 40.00

Truck Type: GRAVEL TRAIN
Profile: 507035/SOIL IMPACTED W/PCB
Generator: GMPT SMCO/GMPT SMCO
Manifest:3217

Comment: 3217

Origin	Materials & Services	Quantity	Unit
SAGINAW/SAGINAW COUNTY	100% of 0148/SOIL CONTAMINATED TON	45.28	Tons

Driver: _____

Deputy Weighmaster: _____
KATRINA POWELL

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03217

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : MI Zip : 48605

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp.

Address : 2000 Centerpoint Parkway MC 483506191

City : Pontiac County :

State : MI Zip : 48341

Site Location (if different) :

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	soil impacted with PCBs	90500 lbs		dump truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Raymond A. Ilka — Raymond A. Ilka on behalf of GM — 5/4/06

Generator/Authorized Agent Name (Printed) — Signature — Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Doc Heinz Contracting

Address : 6249 State St

Saginaw, MI 48603

DOT # : MPSC L-23193

Truck Number : 20-01

Phone Number : 989 759 2208

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

SPENCER SWARTHOUT — 5/4/06

Name of Authorized Agent (Printed) — Signature — Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

Phone Number : (810) 639-3077

I hereby acknowledge receipt of the above described material.

5/4/06

Name (Print or Typed) — Signature — Date Received

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Ticket: 500414
Date: 5/4/2006
Time In: 09:36:45
Time Out: 10:09:25

Truck: BDOC29-GT
Customer: 40235/GMPT SMCO

Gross: 131820 lb In Scale 1
Tare: 50900 lb Out Scale 1
Net: 80920 lb
Net Tons: 40.46 Cuyds: 40.00

Truck Type: GRAVEL TRAIN

Profile: 507035/SOIL IMPACTED W/PCB
Generator: GMPT SMCO/GMPT SMCO

Manifest:3218

Comment: 3218

Origin	Materials & Services	Quantity	Unit
SAGINAW/SAGINAW COUNTY	100% of 0148/SOIL CONTAMINATED TON:	40.46	Tons

Driver: _____

Deputy Weighmaster: _____
AMANDA DELAY

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03218

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : MI Zip : 48605

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp

Address : 2000 Centerpoint Parkway MC 483 526 191

City : Pontiac County :

State : MI Zip : 48341

Site Location (if different) :

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	soil impacted with PCBs	70640 lbs		dump truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Raymond A. Ilkka — Raymond A Ilkka on behalf of GM — 5/4/06

Generator/Authorized Agent Name (Printed) | Signature | Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Doc Heinz Contracting

Address : 6249 State St

Saginaw, MI 48603

DOT # : MPSC L-23193

Truck Number : 29-01

Phone Number : 989 799 2208

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Tom Ballier — Tom Ballier — 5-4-06

Name of Authorized Agent (Printed) | Signature | Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material

Name (Print or Typed) | Signature | Date Received — 5/4/06

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Ticket: 500433
Date: 5/4/2006
Time In: 12:10:11
Time Out: 12:11:11

Truck: BDOC20-GT
Customer: 40235/GMPT SMCO

License: HEIINZ 40G

Gross: 151780 lb In Scale 1
Tare: 61120 lb P.T.
Net: 90660 lb
Net Tons: 45.33 Cuyds: 40.00

Truck Type: GRAVEL TRAIN

Profile: 507035/SOIL IMPACTED W/PCB
Generator: GMPT SMCO/GMPT SMCO

Manifest:3219

Comment: 3219

Origin	Materials & Services	Quantity	Unit
SAGINAW/SAGINAW COUNTY	100% of 0148/SOIL CONTAMINATED TON	45.33	Tons

Driver: _____

Deputy Weighmaster: _____
KATRINA POWELL

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03219

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : MI Zip : 48605

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp

Address : 2000 Centerpoint Parkway MC 483 520 191

City : Pontiac County :

State : MI Zip : 48341

Site Location (if different) :

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	soil impacted with PCBs	907601bs		dump truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Raymond A. Ilkka — Raymond A Ilkka on behalf of GM — 5/4/06

Generator/Authorized Agent Name (Printed) — Signature — Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Doc Heinz Contracting

DOT # : MPSC L-23193

Address : 6249 State St

Saginaw, MI 48603

Truck Number : 20-02

Phone Number : 989 799 2208

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

SPENCER SWARTHOUT — 5/4/06

Name of Authorized Agent (Printed) — Signature — Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material.

Name (Print or Typed) — Signature — Date Received 5/4/06

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Ticket: 500446
Date: 5/4/2006
Time In: 12:41:19
Time Out: 12:42:17

Truck: BDOC29-GT
Customer: 40235/GMPT SMCO

Gross: 146040 lb In Scale 1
Tare: 50900 lb P.T.
Net: 95140 lb
Net Tons: 47.57 Cuyds: 40.00

Truck Type: GRAVEL TRAIN

Profile: 507035/SOIL IMPACTED W/PCB
Generator: GMPT SMCO/GMPT SMCO

Manifest:3220

Comment: 3220

Origin	Materials & Services	Quantity	Unit
SAGINAW/SAGINAW COUNTY	100% of 0148/SOIL CONTAMINATED TON!	47.57	Tons

Driver: _____

Deputy Weighmaster: _____
KATRINA POWELL

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03220

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : MI Zip : 48605

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp

Address : 2000 Centerpoint Parkway MC 483 52b 191

City : Pontiac County :

State : MI Zip : 48341

Site Location (if different) :

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	soil impacted with PCBs	95240 lbs		dump truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Raymond A. Ilkka — Raymond A Ilkka on behalf of GM — 5/4/06

Generator/Authorized Agent Name (Printed) — Signature — Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Doc Heinz Contracting

Address : 6249 State St

Saginaw, MI 48603

DOT # : MPSC L-23193

Truck Number : 29-02

Phone Number : 989 799 2208

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Tom BALLIEN — Tom Ballien — 5-4-06

Name of Authorized Agent (Printed) — Signature — Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material

5/4/06

Name (Print or Type) — Signature — Date Received

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Ticket: 500476
Date: 5/4/2006
Time In: 14:53:48
Time Out: 14:55:01

Truck: BDOC20-GT
Customer: 40235/GMPT SMCO

License: HEIINZ 40G

Gross: 155660 lb In Scale 1
Tare: 61120 lb P.T.
Net: 94540 lb
Net Tons: 47.27 Cuyds: 40.00

Truck Type: GRAVEL TRAIN

Profile: 507035/SOIL IMPACTED W/PCB
Generator: GMPT SMCO/GMPT SMCO

Manifest:3221

Comment: 3221

Origin	Materials & Services	Quantity	Unit
SAGINAW/SAGINAW COUNTY	100% of 0148/SOIL CONTAMINATED TON	47.27	Tons

Driver: _____

Deputy Weighmaster: _____
KATRINA POWELL

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03221

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : MI Zip : 48605

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp.

Address : 2000 Centerpoint Parkway MC 483 520 191

City : Pontiac County :

State : MI Zip : 48341

Site Location (if different) :

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	soil impacted with PCBs	94820 lbs		dump truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Raymond A. Ilkka — Raymond A Ilkka on behalf of GM — 5/4/06

Generator/Authorized Agent Name (Printed) — Signature — Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Doc Heinz Contracting

Address : 6249 State St

Saginaw, MI 48603

DOT # : MPSC L-23193

Truck Number : 20-03

Phone Number : 989 799 2208

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

SPENCER SWARTHOUT — 5/4/06

Name of Authorized Agent (Printed) — Signature — Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material.

5-4-06

Signature — Date Received

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Ticket: 500488
Date: 5/4/2006
Time In: 15:29:37
Time Out: 15:30:11

Truck: BDOC29-GT
Customer: 40235/GMPT SMCO

Gross: 144620 lb In Scale 1
Tare: 50900 lb P.T.
Net: 93720 lb
Net Tons: 46.86 Cuyds: 40.00

Truck Type: GRAVEL TRAIN

Profile: 507035/SOIL IMPACTED W/PCB
Generator: GMPT SMCO/GMPT SMCO

Manifest:3222

Comment: 3222

Origin	Materials & Services	Quantity	Unit
SAGINAW/SAGINAW COUNTY	100% of 0148/SOIL CONTAMINATED TON:	46.86	Tons

Driver: _____

Deputy Weighmaster: _____
KATRINA POWELL

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03222

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : MI Zip : 48605

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp

Address : 2000 Centerpoint Parkway MC 483 520 191

City : Pontiac County :

State : MI Zip : 48341

Site Location (if different) :

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	Soil impacted with PCBs	93960 lbs		dump truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Raymond A. Illka — Raymond A Illka on behalf of GM — 5/4/06

Generator/Authorized Agent Name (Printed) — Signature — Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Doc Heinz Contracting

Address : 6249 State St

Saginaw, MI 48603

DOT # : MPSC L-23193

Truck Number : 29-03

Phone Number : 989 799 2208

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Tom BALLIEN — Tom Ballien — 5-4-06

Name of Authorized Agent (Printed) — Signature — Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material.

Signature — 5-4-06

Date Received

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Ticket: 500627
Date: 5/5/2006
Time In: 13:27:05
Time Out: 13:28:03

Truck: BDOC29-GT
Customer: 40235/GMPT SMCO

Gross: 136580 lb In Scale 1
Tare: 50900 lb P.T.
Net: 85680 lb
Net Tons: 42.84 Cuyds: 40.00

Truck Type: GRAVEL TRAIN

Profile: 507035/SOIL IMPACTED W/PCB
Generator: GMPT SMCO/GMPT SMCO

Manifest:3228

Comment: 3228

PO:!

Origin	Materials & Services	Quantity	Unit
SAGINAW/SAGINAW COUNTY	100% of 0148/SOIL CONTAMINATED TON:	42.84	Tons

Driver: _____

Deputy Weighmaster: _____
KATRINA POWELL

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03228

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : MI Zip : 48605

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp.

Address : 2000 Centerpoint Parkway MC 483 522 191

City : Pontiac County :

State : MI Zip : 48341

Site Location (if different) :

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	soil impacted with PCBs	85800 lbs		dump truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Raymond A. Ilkka — Raymond A Ilkka on behalf of GM — 5/5/06

Generator/Authorized Agent Name (Printed) | Signature | Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Doc Heinz Contracting

Address : 6249 State St

Saginaw, MI 48603

DOT # : MPSC L-23193

Truck Number : 29-06

Phone Number : 989 799 2208

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Tom Ballis — Tom Ballis — 5-5-06

Name of Authorized Agent (Printed) | Signature | Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material.

Name (Print or Typed) | Signature | Date Received

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Ticket: 500633
Date: 5/5/2006
Time In: 14:01:49
Time Out: 14:02:55

Truck: BDOC20-GT
Customer: 40235/GMPT SMCO

License: HEIINZ 40G

Gross: 152280 lb In Scale 1
Tare: 61120 lb P.T.
Net: 91160 lb
Net Tons: 45.58 Cuyds: 40.00

Truck Type: GRAVEL TRAIN

Profile: 507035/SOIL IMPACTED W/PCB
Generator: GMPT SMCO/GMPT SMCO

Manifest:3229

Comment: 3229

Origin	Materials & Services	Quantity	Unit
SAGINAW/SAGINAW COUNTY	100% of 0148/SOIL CONTAMINATED TON	45.58	Tons

Driver: _____

Deputy Weighmaster: _____
KATRINA POWELL

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03229

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : MI Zip : 48605

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp.

Address : 2000 Centerpoint Parkway MC 483 520 104

City : Pontiac County :

State : MI Zip : 48341

Site Location (if different) :

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	soil impacted with PCBs	91400 lbs		dump truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Raymond A. Ilkka — Raymond A Ilkka on behalf of GM — 5/5/06

Generator/Authorized Agent Name (Printed) — Signature — Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Doc Heinz Contracting

Address : 6249 State St

Saginaw, MI 48603

DOT # : MPSC L-23193

Truck Number : 20-06

Phone Number : 989 799 2208

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

SPENCER SWARTHOUT — 5/5/06

Name of Authorized Agent (Printed) — Signature — Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material.

5-5-06

Name (Printed/Typed) — Signature — Date Received

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Ticket: 500559
Date: 5/5/2006
Time In: 08:35:09
Time Out: 08:36:22

Truck: BDOC29-GT
Customer: 40235/GMPT SMCO

Gross: 133060 lb In Scale 1
Tare: 50900 lb P.T.
Net: 82160 lb
Net Tons: 41.08 Cuyds: 40.00

Truck Type: GRAVEL TRAIN

Profile: 507035/SOIL IMPACTED W/PCB
Generator: GMPT SMCO/GMPT SMCO

Manifest:3224

Comment: 3224

Origin	Materials & Services	Quantity	Unit
SAGINAW/SAGINAW COUNTY	100% of 0148/SOIL CONTAMINATED TON	41.08	Tons

Driver: _____

Deputy Weighmaster: _____
KATRINA POWELL

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03224

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : MI Zip : 48605

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp

Address : 2000 Centerpoint Parkway MC 483 520 191

City : Pontiac County :

State : MI Zip : 48341

Site Location (if different) :

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	soil impacted with PCBs	82040 lbs		dump truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Raymond A. Ilkka — Raymond A Ilkka on behalf of GM — 5/5/06

Generator/Authorized Agent Name (Printed) — Signature — Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Doc Heinz Contracting

DOT # : MPSC L-23193

Address : 6249 State St

Saginaw, MI 48603

Truck Number : 29-04

Phone Number : 989 799 2208

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Tom Ballier — Tom Ballier — 5-5-06

Name of Authorized Agent (Printed) — Signature — Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material.

X [signature] — 5/5/06

Name (Print or Type) — Signature — Date Received

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Ticket: 500567
Date: 5/5/2006
Time In: 09:03:05
Time Out: 09:03:48

Truck: BDOC20-GT
Customer: 40235/GMPT SMCO

License: HEIINZ 40G

Gross:	155280	lb	In	Scale 1
Tare:	61120	lb		P.T.
Net:	94160	lb		
Net Tons:	47.08		Cuyds:	40.00

Truck Type: GRAVEL TRAIN

Profile: 507035/SOIL IMPACTED W/PCB
Generator: GMPT SMCO/GMPT SMCO

Comment:

Origin	Materials & Services	Quantity	Unit
SAGINAW/SAGINAW COUNTY	100% of 0148/SOIL CONTAMINATED TON	47.08	Tons

Driver: _____

Deputy Weighmaster: _____
KATRINA POWELL

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03225

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : MI Zip : 48605

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp.

Address : 2000 Centerpoint Parkway MC 483 520 191

City : Pontiac County :

State : MI Zip : 48341

Site Location (if different) :

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	Soil impacted with PCBs	94120 lbs		dump truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Raymond A. Ilkka — Raymond A Ilkka on behalf of GM — 5/5/06

Generator/Authorized Agent Name (Printed) | Signature | Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Doc Heinz Contracting

Address : 6249 State St

Saginaw, MI 48603

DOT # : MPSC L-23193

Truck Number : 20-04

Phone Number : 989 799 2203

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

SPENCER SWARTHOUT — 5/5/06

Name of Authorized Agent (Printed) | Signature | Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material.

Name (Print or Typed) | Signature | Date Received — 5/5/06

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Ticket: 500594
Date: 5/5/2006
Time In: 10:49:42
Time Out: 10:50:05

Truck: BDOC29-GT
Customer: 40235/GMPT SMCO

Gross:	136580	lb	In	Scale 1
Tare:	50900	lb		P.T.
Net:	85680	lb		
Net Tons:	42.84		Cuyds:	40.00

Truck Type: GRAVEL TRAIN

Profile: 507035/SOIL IMPACTED W/PCB
Generator: GMPT SMCO/GMPT SMCO

Manifest:3226

Comment: 3226

Origin	Materials & Services	Quantity	Unit
SAGINAW/SAGINAW COUNTY	100% of 0148/SOIL CONTAMINATED TON	42.84	Tons

Driver: _____

Deputy Weighmaster: _____
KATRINA POWELL

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03226

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT, SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : MI Zip : 48605

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp.

Address : 2000 Centerpoint Parkway MC 483 580 191

City : Pontiac County :

State : MI Zip : 48341

Site Location (if different) :

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	soil impacted with PCBs	85640 lbs		dump truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Raymond A. Ilka — Raymond A Ilka on behalf of GM — 5/5/06

Generator/Authorized Agent Name (Printed) — Signature — Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Doc Heinz Contracting

Address : 6249 State St

Saginaw, MI 48603

DOT # : MPSC L-23193

Truck Number : 29-05

Phone Number : 989 799 2208

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Tom Ballien — Tom Ballien — 5-5-06

Name of Authorized Agent (Printed) — Signature — Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material.

5/5/06

REPUBLIC SERVICES, INC.

BRENT RUN LANDFILL
PHONE:(810) 639-3077
THANK YOU

Ticket: 500599
Date: 5/5/2006
Time In: 11:15:42
Time Out: 11:17:11

Truck: BDOC20-GT
Customer: 40235/GMPT SMCO

License: HEIINZ 40G

Gross: 142220 lb In Scale 1
Tare: 61120 lb P.T.
Net: 81100 lb
Net Tons: 40.55 Cuyds: 40.00

Truck Type: GRAVEL TRAIN

Profile: 507035/SOIL IMPACTED W/PCB
Generator: GMPT SMCO/GMPT SMCO

Manifest:3227

Comment: 3227

Origin	Materials & Services	Quantity	Unit
SAGINAW/SAGINAW COUNTY	100% of 0148/SOIL CONTAMINATED TON	40.55	Tons

Driver: _____

Deputy Weighmaster: _____
KATRINA POWELL

REPUBLIC SERVICES, INC.

Manifest Number:

№ 03227

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name : GMPT SMCO

Address : 1629 N. Washington Ave

City : Saginaw County : Saginaw

State : MI Zip : 48605

CUSTOMER/BILLING INFORMATION

Billing Name : General Motors Corp.

Address : 2000 Centerpoint Parkway MC 483 520 191

City : Pontiac County :

State : MI Zip : 48341

Site Location (if different) :

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
507035	Soil impacted with PCBs	81140 lbs		dump truck

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defind by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Raymond A. Ilkka — Raymond A Ilkka on behalf of GM — 5/5/06

Generator/Authorized Agent Name (Printed) | Signature | Date Shipped

TRANSPORTER INFORMATION

Transporter Name : Doc Heinz Contracting

DOT # : MPSC L-23193

Address : 6249 State St

Saginaw, MI 48603

Truck Number : 20-05

Phone Number : 989 799 2208

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

SPENCER SWARTHOUT — 5/5/06

Name of Authorized Agent (Printed) | Signature | Date Delivered

DISPOSAL SITE INFORMATION

Site : BRENT RUN LANDFILL

Phone Number : (810) 639-3077

Address : 8335 W. VIENNA RD., MONTROSE, MI 48457

I hereby acknowledge receipt of the above described material.

5/5/06

Date Received

APPENDIX D

FINAL EXCAVATION LIMIT SURVEY COORDINATES

GEOPROBE COORDINATES
PCB IM
SAGINAW METAL CASTING OPERATIONS
SAGINAW, MICHIGAN

ID	*Position X*	*Position Y*
GP-26	13243859.22	713387.88
GP-2	13243879.07	713418.23
GP-54	13243837.53	713490.33
GP-09	13243879.56	713408.55
GP-23	13243878.48	713398.08
GP-16	13243888.32	713494.15
GP-59	13243838.99	713525.54
GP-30	13243889.33	713516.86
GP-22	13243888.13	713398.12
GP-31	13243878.54	713516.00
GP-61	13243848.99	713535.54
GP-05	13243836.35	713417.30
GP-64	13243836.35	713422.30
GP-37	13243868.93	713367.90
GP-15	13243889.76	713505.60
GP-58	13243848.99	713515.54
GP-77	13243840.91	713368.34
GP-06	13243840.49	713408.98
GP-78	13243840.91	713378.34
GP-42	13243840.06	713399.66
GP-36	13243878.74	713378.30
GP-39	13243849.58	713388.41
GP-25	13243859.29	713398.38
GP-08	13243870.64	713407.89
GP-66	13243859.65	713423.16
GP-24	13243869.65	713398.25
GP-80	13243830.06	713389.66
GP-27	13243869.95	713387.78
GP-60	13243848.99	713525.54
GP-43	13243858.99	713515.54
GP-35	13243879.83	713367.77
GP-79	13243830.91	713378.34
GP-62	13243859.32	713535.91
GP-20	13243837.53	713495.33
GP-48	13243878.97	713526.14
GP-55	13243847.53	713490.33
GP-14	13243870.40	713506.59
GP-04	13243849.44	713418.59
GP-46	13243867.85	713535.49
GP-29	13243888.39	713388.08
GP-65	13243849.44	713423.59
GP-32	13243868.50	713514.92
GP-67	13243869.65	713423.16
GP-81	13243820.06	713389.66
GP-82	13243830.06	713399.66
GP-70	13243889.31	713358.20

GEOPROBE COORDINATES
PCB IM
SAGINAW METAL CASTING OPERATIONS
SAGINAW, MICHIGAN

ID	*Position X*	*Position Y*
GP-34	13243887.70	713378.30
GP-11	13243837.27	713506.13
GP-21	13243879.36	713505.70
GP-72	13243879.83	713347.77
GP-13	13243860.63	713507.31
GP-38	13243869.36	713378.56
GP-73	13243868.93	713357.90
GP-33	13243889.31	713368.20
GP-76	13243850.91	713378.34
GP-28	13243879.00	713388.01
GP-18	13243868.34	713496.74
GP-75	13243860.91	713378.34
GP-07A	13243860.50	713408.26
GP-47	13243877.66	713535.62
GP-40	13243849.15	713399.43
GP-57	13243868.34	713490.33
GP-17	13243878.34	713495.40
GP-74	13243860.91	713368.34
GP-69	13243888.32	713424.15
GP-12	13243850.92	713507.80
GP-1	13243888.32	713419.15
GP-45	13243859.32	713525.91
GP-68	13243879.07	713423.23
GP-03	13243859.65	713418.16
GP-56	13243857.53	713490.33
GP-63	13243859.32	713545.91
GP-10	13243888.36	713409.11
GP-44	13243868.47	713526.34
GP-19	13243847.21	713494.87
GP-41	13243840.91	713388.34
GP-71	13243879.83	713357.77

Note:

Coordinates are in the Michigan State Plane South, NAD 83 Coordinate system using International feet

EXCAVATION COORDINATES
PCB IM
SAGINAW METAL CASTING OPERATIONS
SAGINAW, MICHIGAN

Location	*X-Coordinate*	*Y-Coordinate*
Excavation Edge Surrounding MW-03734	13243827.54	713519.0081
Excavation Edge Surrounding MW-03734	13243839.87	713519.0481
Excavation Edge Surrounding MW-03734	13243851.27	713519.0393
Excavation Edge Surrounding MW-03734	13243852.68	713509.2762
Excavation Edge Surrounding MW-03734	13243864.83	713508.1371
Excavation Edge Surrounding MW-03734	13243863.82	713501.1167
Excavation Edge Surrounding MW-03734	13243846.83	713501.7969
Excavation Edge Surrounding MW-03734	13243843.95	713494.4729
Excavation Edge Surrounding MW-03734	13243834.02	713491.512
Excavation Edge Surrounding MW-03734	13243836.12	713425.3069
Excavation Edge Surrounding MW-03734	13243853.54	713426.0188
Excavation Edge Surrounding MW-03734	13243854.27	713422.6863
Excavation Edge Surrounding MW-03734	13243847.21	713417.0612
Excavation Edge Surrounding MW-03734	13243838.97	713417.9637
Excavation Edge Surrounding MW-03734	13243833.17	713413.2506
Excavation Edge Surrounding MW-03734	13243834.22	713405.5706
Excavation Edge Surrounding MW-03734	13243826.28	713405.5845
Excavation Edge Surrounding MW-03734	13243825.29	713380.8314
Excavation Edge Surrounding MW-03734	13243848.35	713379.9391
Excavation Edge Surrounding MW-03734	13243850	713387.5294
Excavation Edge Surrounding MW-03734	13243856.27	713387.6032
Excavation Edge Surrounding MW-03734	13243855.91	713370.2461
Excavation Edge Surrounding MW-03734	13243863.73	713369.2501
Excavation Edge Surrounding MW-03734	13243863.42	713359.3909
Excavation Edge Surrounding MW-03734	13243887.23	713358.977
Excavation Edge Surrounding MW-03734	13243887.86	713414.1075
Excavation Edge Surrounding MW-03734	13243876.15	713415.3064
Excavation Edge Surrounding MW-03734	13243876.23	713416.8707
Excavation Edge Surrounding MW-03734	13243888.32	713423.2331
Excavation Edge Surrounding MW-03734	13243889.51	713507.8974
Excavation Edge Surrounding MW-03734	13243876.04	713508.8209
Excavation Edge Surrounding MW-03734	13243874.9	713534.9819
Excavation Edge Surrounding MW-03734	13243867.05	713536.4093
Excavation Edge Surrounding MW-03734	13243865.84	713547.5896
Excavation Edge Surrounding MW-03734	13243838.16	713546.9038
Excavation Edge Surrounding MW-03734	13243837.85	713539.0489
Excavation Edge Surrounding MW-03734	13243829.07	713539.6155

EXCAVATION COORDINATES
PCB IM
SAGINAW METAL CASTING OPERATIONS
SAGINAW, MICHIGAN

Location	*X-Coordinate*	*Y-Coordinate*
Excavation Corner Surrounding SB-298	13240927.76	711122.09
Excavation Corner Surrounding SB-298	13240946.19	711095.9
Excavation Corner Surrounding SB-298	13240922.98	711077.16
Excavation Corner Surrounding SB-298	13240903.39	711107.47
Excavation Corner Surrounding SB-03737A	13243918.28	713879.37
Excavation Corner Surrounding SB-03737A	13243954.7	713873.66
Excavation Corner Surrounding SB-03737A	13243948.94	713831.51
Excavation Corner Surrounding SB-03737A	13243916.2	713832.06
Excavation Corner Surrounding SB-00708	13240867.62	710981.32
Excavation Corner Surrounding SB-00708	13240890.43	710966.97
Excavation Corner Surrounding SB-00708	13240876.74	710948.23
Excavation Corner Surrounding SB-00708	13240857.34	710962.51

Note:

Coordinates are in the Michigan State Plane South, NAD 83 Coordinate system using International feet