

ENCORE ENVIRONMENTAL CONSORTIUM, LLC

LETTER OF TRANSMITTAL

Date November 4, 2003
From Robert Siegfried, R.G. *RS*

To Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA. 94502-6577

Attention Mr. Barney M. Chan
Hazardous Materials Specialist

Copy to Mr. Rob Fogal
GM Worldwide Facilities Group
Remediation Team
MC 483-619-356
1996 Technology Drive
Troy, MI 48083

Mr. Paul Smith
Livermore – Pleasanton Fire Department
3560 Nevada Street
Pleasanton, California 94566

Ms. Jennifer Quigley – EEC

File

Subject Saturn of Pleasanton

Copies	Date	Description
1 Each	September 17, 2003	Final Oil/Water Separator Removal and Replacement, Saturn of Pleasanton, Pleasanton, CA.

Transmitted via First class mail Overnight express Hand delivery Other

Remarks:

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OIL/WATER SEPARATOR REMOVAL AND REPLACEMENT
SATURN OF PLEASANTON
4340 AND 4390 ROSEWOOD DRIVE AND 3956 OLD SANTA RITA ROAD
PLEASANTON, CALIFORNIA

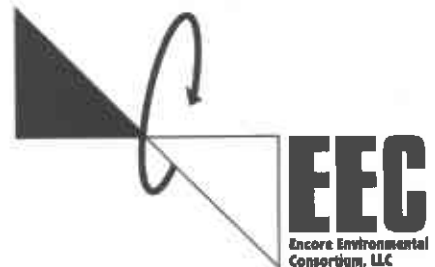
PREPARED FOR:

SATURN CORPORATION

PREPARED BY

ENCORE ENVIRONMENTAL CONSORTIUM, LLC

DATE: September 17, 2003



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SATURN OF PLEASANTON
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Signature

Robert T. Siegfried
Robert T. Siegfried, R.G.

Registered Geologist



Signature

Jennifer L. Quigley P.E.
Jennifer L. Quigley, P.E.

Senior Reviewer

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EXECUTIVE SUMMARY

Saturn Corporation Inc. (Saturn) retained the services of Encore Environmental Consortium, L.L.C. (EEC) to conduct oil/water separator (OWS) removal and replacement activities for Saturn of Pleasanton located at 4340 and 4390 Rosewood Drive and 3956 Santa Rita Road in Pleasanton, California (herein referred to as "the Site", see Figures 1 and 2, Appendix A). The OWS removal and replacement activities were conducted between April and July 2003 on the Saturn property located at 4340 Rosewood Drive. This report presents the evaluation procedures, assessment findings, and conclusions of the OWS removal and replacement activities.

1.0 SCOPE-OF-WORK

The scope-of-work conducted during the OWS removal and replacement activities was consistent with the EEC proposal dated February 10, 2003. The OWS removal and replacement activities included the following:

- Removal and disposal of one concrete OWS and its contents by a licensed contractor with professional oversight by EEC.
- Three rounds of soil samples were collected from the OWS excavation and submitted for laboratory analysis on a 24-hour turnaround time. The soil samples were analyzed for the parameters requested by the Livermore Pleasanton Fire Department (LPPFD) and the Alameda County Department of Environmental Health (ACDEH). Groundwater was not encountered during the Phase IV activities.

Soil samples collected during rounds 1 and 2 were analyzed for volatile organic compounds (VOCs) by U.S. EPA Method 8260B, total petroleum hydrocarbon – diesel range organics (TPH-DRO) by U.S. EPA Method 8015B, and total petroleum hydrocarbon – gasoline range organics (TPH-GRO) by U.S. EPA Method 8015B.

Soil samples collected during round 3 were analyzed for VOCs by U.S. EPA Method 8260B, semi-volatile organic compounds (SVOCs) by U.S. EPA Method 8270B, selected metals (cadmium, chromium, copper, lead, nickel, zinc) by U.S. EPA Method 6010B, and total oil and grease (TOG) by U.S. EPA Method 1664.

- Installation of one concrete OWS by a licensed contractor with professional oversight by EEC.
- Restoration of the Site including the replacement of asphalt, repainting of parking spaces affected by the OWS removal and replacement activities, removal of excavated soils for off-Site disposal, and minor repairs to an area of damaged stucco material.

2.0 PREVIOUS ENVIRONMENTAL INVESTIGATION RESULTS

Based on available information, the following potential on-Site concerns were investigated during the a subsurface investigation:

- Subsurface investigation activities were conducted on December 2, 2002 to investigate soil and groundwater impacts due to a potential release from the OWS. One soil and one groundwater sample were collected in the area of the OWS. Laboratory analysis of the groundwater sample identified concentrations of benzene, cis-1,2-dichloroethylene (cis-1,2-DCE), and trichloroethylene (TCE) exceeding the respective California Maximum Contaminant Levels (MCL) under Title 22, Division 4, Chapter 15, Article 5.5 of the California Code of Federal Regulations.

Based on the concentrations of benzene, cis-1,2-DCE, and TCE identified in the groundwater sample collected adjacent to the OWS during the subsurface investigation indicating a release, EEC recommended that the OWS be removed and replaced.

3.0 OWS REMOVAL AND REPLACEMENT ACTIVITIES

3.1 OWS REMOVAL AND REPLACEMENT CHRONOLOGY AND SUMMARY OF EVENTS

The OWS removal and replacement activities for the Site were authorized by Saturn during February of 2003. Terms and conditions to conduct the OWS removal and replacement activities were negotiated between EEC and the chosen subcontractor, Marcor Remediation, Inc., (MARCOR) then preparations to complete the OWS removal and replacement activities began during April of 2003.

Permit requirements for the removal and replacement of the OWS were obtained from the LPFD. As part of these permit requirements, EEC prepared an OWS Closure Plan (Plan) detailing EEC's approach for the OWS removal and replacement field activities and detailed drawings for the installation of the new OWS were submitted to the LPFD by MARCOR.

During May of 2003, MARCOR confirmed that the preparation of the new OWS, a Jensen Precast[®] model with a 2,500-gallon capacity, would require approximately 4 weeks prior to delivery to the Site. At the same time, EEC received written comments from the LPFD, dated May 22, 2003, regarding the OWS Plan and received confirmation from the LPFD that the existing OWS was properly connected to the City of Pleasanton sanitary sewer system. On May 30, 2003, EEC received confirmation from MARCOR that the new OWS was ready for delivery to the Site.

During June of 2003, EEC prepared a written Response to Comments, dated June 3, 2003, for submittal to the LPFD regarding the OWS Plan. Additionally, based on discussions with ACDEH personnel, oversight of the remediation activities for the Site were required to be conducted by ACDEH personnel. At the request of ACDEH personnel, a summary of previous investigations conducted to date was prepared and submitted to the ACDEH on June 11, 2003. The permits for the removal and replacement of the OWS were obtained from the LPFD by June 23, 2003. A copy of the permits is presented in Appendix B.

OWS removal and replacement field activities at the Site were initiated on July 7, 2003 and completed on July 31, 2003. The OWS removal and replacement field activities required an additional 2 weeks to complete, due to additional sampling requirements identified after the approval of the Plan by the LPFD and the ACDEH. Based on the preliminary sample results, EEC received written authorization from the ACDEH to install the new OWS on July 28, 2003.

A detailed summary of the OWS removal and replacement activities is presented herein.

3.2 FIELD ACTIVITIES

During removal activities conducted between July 7, 2003 and July 31, 2003, MARCOR, a licensed contractor under EEC professional oversight, performed the removal and replacement of the concrete OWS located at the Site.

Figures are presented in Appendix A. Figure 1 presents a Site Location Map; Figure 2 presents a Site Plan; Figure 3 presents the Sample Locations Map; and Figure 4 presents an OWS Schematic. A copy of the permits and authorization to proceed with the installation are presented in Appendix B. Tables

are presented in Appendix C. Table 1 presents a sample key and Table 2 presents the soil sample analytical results. Laboratory analytical results are presented in Appendix D.

3.2.1 SITE HEALTH AND SAFETY

A Site-specific health and safety plan (HASP) was prepared for the subsurface investigation and removal activities conducted at the Site. The HASP was developed in order to minimize potential hazards and exposures to workers involved in the environmental assessment activities.

3.2.2 QUALITY ASSURANCE/QUALITY CONTROL

During the advancement of the hand auger borings, sample collection and field analysis, a Quality Assurance/Quality Control (QA/QC) program was employed. The QA/QC procedures included, but were not limited to, the following:

- Decontamination of sampling equipment prior to each sampling event;
- Chain-of-custody protocol for laboratory analysis to ensure sample integrity; and,
- Documentation of field procedures.

3.2.3 DECONTAMINATION PROCEDURES

Prior to sampling, all sampling equipment was washed in an Alconox Solution then rinsed with distilled water. Sampling equipment utilized during the OWS removal and replacement activities (including nitrile gloves and plastic bags) was properly disposed between sampling intervals to prevent any cross contamination of samples.

3.3 REMOVAL ACTIVITIES

The removal activities consisted of the excavation and off-Site disposal of the existing OWS, the collection of 15 soil samples from the bottom and sidewalls of the OWS excavation during three rounds of sampling, and the temporary diversion and storage of any discharges to the OWS. Figure 3 shows the approximate dimensions of the OWS excavation and the approximate locations of the soil samples obtained during the removal activities. Due to the analytical results obtained during the first and second rounds of sampling, the OWS excavation was overexcavated to the extent practical. The removal activities were followed by the installation of a new OWS of similar construction and design. Photographs of the OWS removal and replacement activities are included in Appendix E.

3.3.1 SOIL SAMPLING

Soil samples were collected from the OWS excavation during three rounds of delineation sampling. The first round of sampling was completed on July 8, 2003, the second on July 11, 2003, and the third on July 22, 2003. Samples collected during each round are summarized below and in Table 1:

Round 1 Samples - July 8, 2003

- West Excavation Bottom (BW-1), East Excavation Bottom (BE-2), West Sidewall (WW-3), East Sidewall (EW-4), South Sidewall (SW-5), and North Sidewall (NW-6)

Round 2 Samples - July 11, 2003

- East Sidewall (EW-7) and North Sidewall (NW-8)

Round 3 Samples - July 22, 2003

- West Excavation Bottom (BW-9), East Excavation Bottom (BE-10), North Sidewall (NW-11), West Sidewall (WW-12), East Sidewall (EW-13), and South Sidewall (SW-14)

Sample BW-9 was divided into two samples from the same area, resulting in a total of 15 soil samples during the three sampling events.

The soil samples obtained during the initial sampling round were field screened using a photoionization detector (PID). The PID readings obtained were negligible, hence the remaining sample locations were chosen based on field observations by EEC personnel with oversight by the LPPD.

All of the soil samples collected during the three rounds were obtained using hand auger equipment to prevent the entry of EEC personnel directly into the OWS excavation. Each soil sample collected was placed in the appropriate laboratory supplied containers for analysis. All samples were sealed, labeled with the sample location, sample depth, sample number, date, and time, and stored on ice.

3.3.2 ANALYTICAL METHODS

The selected soil samples were analyzed in accordance with the State of California, and the requirements of the ACDEH. Samples collected during rounds 1 and 2 were analyzed in accordance with the Plan prepared by EEC dated April 17, 2003. Samples collected during round 3 were additionally analyzed for additional parameters requested in a letter from ACDEH to EEC dated July 16, 2003. Sample analysis for each round is as summarized below:

Sampling Rounds 1 and 2 Analytical Methods

- VOCs by U.S. EPA Method 8260B, TPH-DRO by U.S. EPA Method 8015B, and TPH-GRO by U.S. EPA Method 8015B.

Sampling Round 3 Analytical Methods

- VOCs by U.S. EPA Method 8260B, SVOCs by U.S. EPA Method 8270B, selected metals (cadmium, chromium, copper, lead, nickel, zinc) by U.S. EPA Method 6010B, and TOG by U.S. EPA Method 1664.

3.4 ANALYTICAL RESULTS

The analytical results for the soil samples obtained from the OWS excavation are summarized below. The analytical laboratory reports and a copy of the chain-of-custody form are included in Appendix E.

Sampling Round 1 Analytical Results

Of the constituents detected, only cis-1,2-DCE, detected at a concentration of 0.28 milligrams per kilogram (mg/kg) to 2.4 mg/kg from samples BW-1, BE-2, EW-4, SW-5, and NW-6, exceeded the San Francisco Regional Water Quality Control Board (RWQCB) Risk Based Screening Levels (RBSL) criterion of 0.19 mg/kg.

Sampling Round 2 Analytical Results

No constituents were detected in soil above the applicable RWQCB RBSL for soil samples EW-7 or NW-8. The remaining locations exceeding the RWQCB RBSL criterion for cis-1,2-DCE during round 1 were re-sampled during round 3.

Sampling Round 3 Analytical Results

Of the constituents detected, only cis-1,2-DCE detected at a concentration of 0.87 mg/kg and acetone detected at a concentration of 0.55 mg/kg from sample BW-9 exceeded the applicable RWQCB RBSL criteria. Chromium was also detected in all the round three samples at concentration values of 31 mg/kg to 37 mg/kg, exceeding the most stringent RWQCB RBSL criterion of 13 mg/kg. It should be noted that the 13 mg/kg RWQCB RBSL for chromium assumes a 1:6 ratio of chromium VI to chromium III.

Based on a review of the analytical results for round 3 by the ACDEH, verbal approval to install the new OWS was provided to EEC on July 25, 2003, and written authorization to install the new OWS provided to EEC on July 28, 2003.

3.5 WASTE DISPOSAL

Prior to the initiation of the OWS removal and replacement field activities, approximately 1,800 gallons of wastewater were characterized by being analyzed for arsenic, lead, selenium, thallium, silver, barium, beryllium, cadmium, cobalt, chromium, copper, molybdenum, nickel, antimony, vanadium, and zinc using U. S. EPA Method 6010B, VOCs by U.S. EPA Method 8260B, SVOCs by U.S. EPA Method 8270B, total petroleum hydrocarbon - diesel range organics (TPH-DRO) by U.S. EPA Method 8015B, and total petroleum hydrocarbon - gasoline range organics (TPH-GRO) by U.S. EPA Method 8015B. Following the characterization of the wastewater and the approval of a waste profile, the wastewater was pumped from the existing OWS, then transported off-Site by Consolidated Waste, Inc.

(CWI) for solidification and disposal as non-hazardous waste at the Alatomont Landfill in Livermore, California on July 8, 2003.

As a result of the extended delays associated with the need for further sampling from the OWS excavation and the new sampling requirements presented by the ACDEH, a 6,500-gallon storage tank was staged at the Site by MARCOR for the temporary diversion of wastewaters generated from the Site's car washing activities. Approximately 10,000-gallons of additional wastewater were transported off-Site by CWI for solidification and disposal as non-hazardous waste at the Altamont Landfill in Livermore, California on July 17, 2003 and July 29, 2003.

Approximately 60 cubic yards of impacted soil from the OWS excavation were transported off-Site by MARCOR Remediation Inc., between August 7 and 11, 2003 for landfill disposal as non-hazardous waste. Copies of the manifests and weight tickets for the disposal of the soil and other solid wastes associated with the existing OWS are included in Appendix F. Waste characterization analytical results are included in Appendix D and copies of the waste manifests are included in Appendix F.

4.0 CONCLUSIONS

Saturn retained the services of Encore Environmental Consortium, L.L.C. (EEC) to conduct OWS removal and replacement activities of the Saturn of Pleasanton dealership located in Pleasanton, California (Site). The purpose of the OWS removal and replacement activities was to remove and replace the existing OWS at the Site, including impacted soils related to releases associated with the existing OWS. The conclusions of the OWS removal and replacement activities are presented below.

Phase IV

- The analytical results for the soil samples indicate no detected impacts to the soils proximal to the sampling locations exceeding the requirements of ACDEH personnel.
- The Site was restored to match existing conditions to the extent practical with the verbal concurrence of Site representatives.

5.0 RECOMMENDATIONS

Based on the results of the OWS removal and replacement activities, no further corrective action is recommended and closure is requested for the Site with respect to the OWS.

17365-30(031)GN-DE002 SEP 09/2003

SD
[Symbol]

(E) INFLUENT LINE

REMOVED/REPLACED
OIL/WATER SEPARATOR

SD
[Symbol]

(E) DISCHARGE LINE

O/W

OVERHANG
CANOPY

(TRENCH DRAINS TYPICAL)

SERVICE AREA

LANDSCAPE

SHOWROOM/OFFICES

PARTS AREA

LANDSCAPE

LEGEND

SD
[Symbol]

STORM DRAIN

[Symbol] O/W

OIL/WATER SEPARATOR

[Symbol]

OVERHEAD DOOR

[Symbol]

EXISTING GRATED TRENCH DRAIN

[Symbol]

EXISTING UNDERGROUND PIPING

(E)

SEE FIGURE 4, ITEM E



NOT TO SCALE

SATURN OF PLEASANTON
4340 ROSEWOOD DRIVE
PLEASANTON, CALIFORNIA

SITE PLAN

SAMPLE LOCATION LEGEND

ROUND 1 (7/8/03)

- BW-1 WEST EXCAVATION BOTTOM (13.5')
- BE-2 EAST EXCAVATION BOTTOM (13.5')
- WW-3 WEST SIDEWALL (10')
- EW-4 EAST SIDEWALL (10.5')
- SW-5 SOUTH SIDEWALL (10')
- NW-6 NORTH SIDEWALL (10.5')

ROUND 2 (7/11/03)

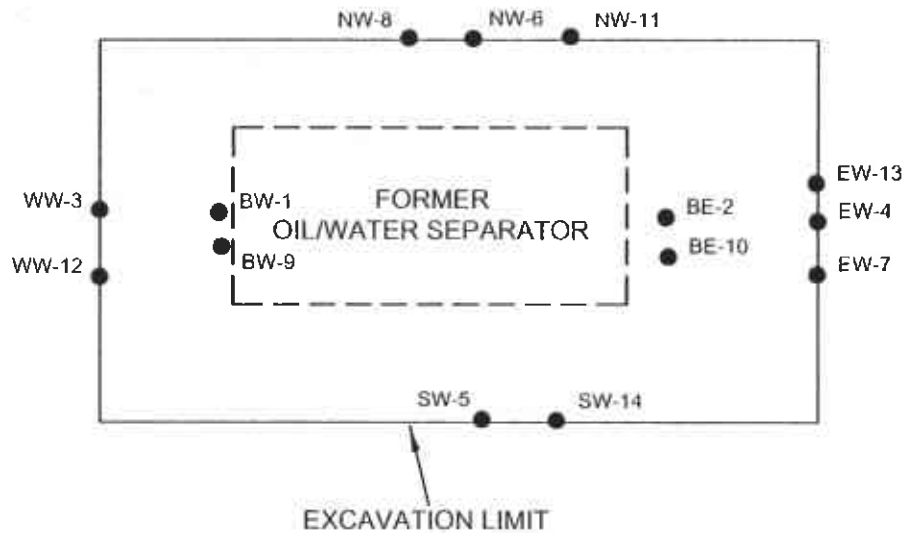
- EW-7 EAST SIDEWALL (10.5')
- NW-8 NORTH SIDEWALL (10')

ROUND 3 (7/22/03)

- BW-9 WEST EXCAVATION BOTTOM (13.5')
- BE-10 EAST EXCAVATION BOTTOM (13.5')
- WW-12 WEST SIDEWALL (10')
- EW-13 EAST SIDEWALL (10.5')
- SW-14 SOUTH SIDEWALL (10')
- NW-11 NORTH SIDEWALL (10.5')

NOTE:

ALL SAMPLE LOCATIONS SHOWN ARE APPROXIMATE

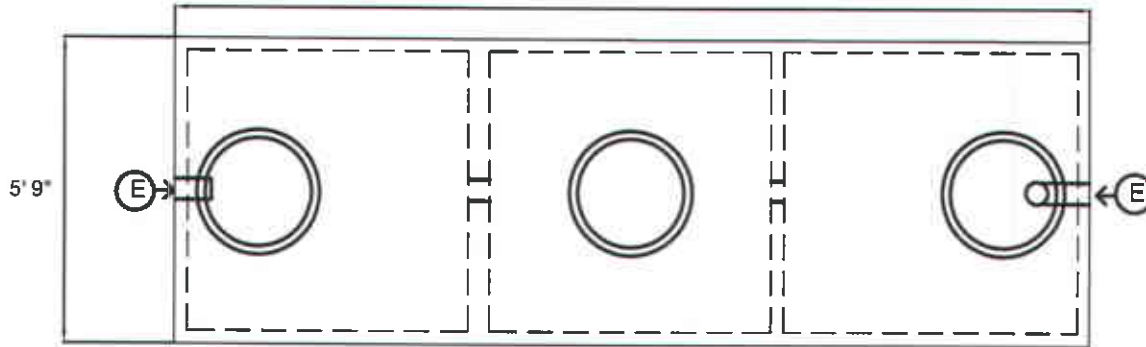
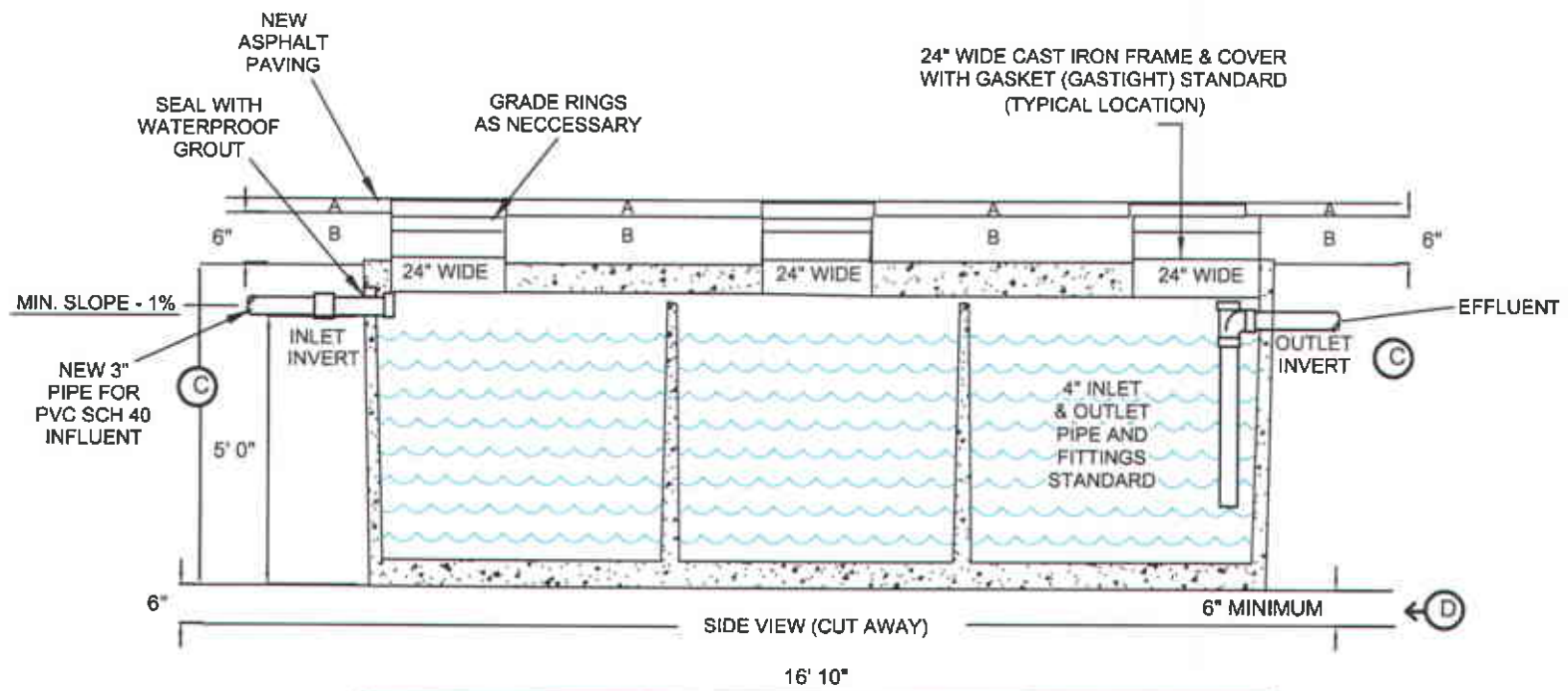


SATURN OF PLEASANTON
4340 ROSEWOOD DRIVE
PLEASANTON, CALIFORNIA

SAMPLE LOCATIONS

SCALE: 1"=4'

DATE: JULY, 2003



LIQUID CAPACITY: 2,500 GALLONS
 BOX DESIGN LOAD = H-20 TRAFFIC FROM
 1' TO 5' OF SOIL COVER

LEGEND

- A= ASPHALTIC CONCRETE
- B= CLASS II BASE ROCK
- C= WASHED PEAGRAVEL OR SAND
- D= SAND BEDDING COMPACTED TO 90% RELATIVE DENSITY
- E= CONNECTED TO EXISTING SCH 40 PVC

CONSTRUCTION NOTES:

BACKFILL AT OIL/WATER SEPARATOR

- AREA "A" TO BE BACKFILLED WITH ASPHALTIC CONCRETE TO MATCH EXISTING PAVEMENT.
- AREA "B" TO BE BACKFILLED WITH 6 INCHES OF CLASS II BASE ROCK COMPACTED TO 95 % RELATIVE DENSITY.
- AREA "C" TO BE BACKFILLED WITH WASHED PEAGRAVEL OR SAND.
- AREA "D" TO BE BACKFILLED WITH A MINIMUM OF 6 INCHES OF SAND, COMPACTED TO 90 % RELATIVE DENSITY.

SATURN OF PLEASANTON
 4340 ROSEWOOD DRIVE
 PLEASANTON, CALIFORNIA

OIL/WATER SEPARATOR SECTION DETAILS

SCALE: VARIES

JULY, 2003
 FIGURE 4



RECEIPT NUMBER: 03-57956
 RECEIPT DATE: 13-MAY-2003

PERMIT RECEIPT

Call of 300 *Takes 3 weeks*

PERMIT: COPC 200022 PERMIT ISSUED: 13-MAY-2003 AL
 SCOPE: ON SITE
 REMOVE/REPLACE OIL/WATER SEPARATOR
 APN: 946 110004900 TRACT: LOT:
 SITE: 4340 ROSEWOOD DR
 OWNER: NOHR D M
 11 TWELVE OAKS DR, PLEASANTON, CA 94588-8210
 PROF.: MARCOR ENVIRONMENTAL 510-632-944
 2052 EDISON AVENUE, SAN LEANDRO CA 94577

Fee Code	Fee Qty	Description	Other Receipts	This Receipt
BO.FIREPC	18,000.00	FIRE DEPT ONSITE PLAN CHECK	0.00	108.00
BO.OSITEPC	18,000.00	ONSITE PL CH,30% OF 2% ESTIM	0.00	108.00
			Totals:	\$216.00

Payment Code	Description	Payment Date	Amount
2009250	MARCOR	13-MAY-2003	

Tendered: \$216.00
 Change: \$0.00
 Balance: \$0.00

05/13/03 44509 Check 216.00

05/13/03 Invoice # 44509
 12:08 pm Customer # 0
 Sales Person:
 KIVA
 1 @ 216.00 each 216.00
 Sub-Total: 216.00
 Tax: 0.00*
 Total: 216.00
 Check 02009250: 216.00
 Total Paid: 216.00
 Change: 0.00

CITY OF PLEASANTON



COMMERCIAL ON SITE PERMIT PERMIT

COPY

APPROVED PLAN AND PERMIT MUST BE AVAILABLE AT JOB SITE
-This permit expires 180 days from date of issue or 180 days from last signed inspection-

Project Address 4340 ROSEWOOD DR	APN# 946 110004900	Permit #: COS 200145
Subdivision: ROSE PAVILION	Tract #:	Applicant MARCOR ENVIRONMENTAL
		Lot:

Project: NONE -

Owner NOHR D M 11 TWELVE OAKS DR PLEASANTON, CA 94588-8210 Phone:	Contractor MARCOR ENVIRONMENTAL 2052 EDISON AVENUE SAN LEANDRO, CA 94577 GENERAL ENGINEERING 736681 510-632-944
---	---

Scope of Work OS ON SITE
Remove /Repalce a oil wāter seperator for " Saturn " .

Comments

Quantity	Description	Amount	Quantity	Description	Amount
18000	ONSITE PER, 70% OF 2% E:	252.00			
3	ARCHIVING, \$2/PAGE	6.00			

Total Fees: \$258.00
Payment: \$258.00

Issued By:

Date of Issue: 18-JUN-2003



COM HAZARDOUS MATERIAL PERMIT PERMIT

COPY

Paul Smith
925-454-2339

APPROVED PLAN AND PERMIT MUST BE AVAILABLE AT JOB SITE

-This permit expires 180 days from date of issue or 180 days from last signed inspection-

Project Address 4340 ROSEWOOD DR	APN# 946 110004900	Permit #: CHAZ 200022
Subdivision: ROSE PAVILION	Tract #:	Lot:
		Applicant MARCOR ENVIRONMENTAL

Project: NONE -

Owner
NOHR D M
11 TWELVE OAKS DR
PLEASANTON, CA 94588-8210
Phone:

Contractor
MARCOR ENVIRONMENTAL
2052 EDISON AVENUE
SAN LEANDRO, CA 94577
GENERAL ENGINEERING 736681
510-632-944

Scope of Work HAZARDOUS HAZARDOUS MATERIALS

Haz Mat for Remove/ Replace Oil/Water Serparator for " Saturn " .

Comments

Quantity	Description	Amount	Quantity	Description	Amount
	MISCELLANEOUS FILING FEI	15.00			

For Inspection call
LIVERMORE/PLEASANTON F.D.
 * 925-454-2307
 Minimum 24 Hours notice required

Total Fees: \$15.00
 Payment: \$15.00

Issued By:

Date of Issue: 18-JUN-2003

Building Department / Inspections: (925) 331-3300 (see Phone # above) *

TABLE 1

SAMPLE KEY
SATURN OF PLEASANTON PHASE IV
PLEASANTON, CALIFORNIA

<u>Sample Identification</u>	<u>Sample Location</u>	<u>Sample Matrix</u>	<u>Analysis</u> ⁽¹⁾
BW-1	West Excavation Bottom	Soil	VOCs, TPH-DRO, TPH-GRO,
BE-2	East Excavation Bottom	Soil	VOCs, TPH-DRO, TPH-GRO,
WW-3	West Sidewall	Soil	VOCs, TPH-DRO, TPH-GRO,
EW-4	East Sidewall	Soil	VOCs, TPH-DRO, TPH-GRO,
SW-5	South Sidewall	Soil	VOCs, TPH-DRO, TPH-GRO,
NW-6	North Sidewall	Soil	VOCs, TPH-DRO, TPH-GRO,
EW-7	East Sidewall	Soil	VOCs, TPH-DRO, TPH-GRO,
NW-8	North Sidewall	Soil	VOCs, TPH-DRO, TPH-GRO,
BW-9	West Excavation Bottom	Soil	VOCs, SVOCs, Metals, Oil and Grease
BE-10	East Excavation Bottom	Soil	VOCs, SVOCs, Metals, Oil and Grease
NW-11	North Sidewall	Soil	VOCs, SVOCs, Metals, Oil and Grease
WW-12	West Sidewall	Soil	VOCs, SVOCs, Metals, Oil and Grease
EW-13	East Sidewall	Soil	VOCs, SVOCs, Metals, Oil and Grease
SW-14	South Sidewall	Soil	VOCs, SVOCs, Metals, Oil and Grease

⁽¹⁾ Samples BW-1, BE-2, WW-3, EW-4, SW-5, NW-6, EW-7, AND NW-8 were transported under chain-of-custody (COC) protocol to Severn Trent Laboratories (STL) located in North Canton, Ohio for analysis on a 24-hour turn around time. Samples BW-9, BE-10, NW-11, WW-12, EW-13, and SW-14 were transported under COC protocol to STL located in Pleasanton, California for analysis on a 24 hour turn around time.

TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS
SATURN OF PLEASANTON PHASE IV
PLEASANTON, CALIFORNIA

<i>Sample Location</i>	<i>RWQCB RBSL¹</i>	<i>West Excavation</i>	<i>East Excavation</i>	<i>West Sidewall</i>	<i>East Sidewall</i>	<i>South Sidewall</i>	<i>North Sidewall</i>	<i>East Sidewall</i>	<i>North Sidewall</i>
<i>Sample ID</i>	<i>Commercial/Industrial Land Use</i>	<i>Bottom</i>	<i>Bottom</i>						
<i>Approximate Sample Depth (Feet)</i>	<i>(mg/kg)</i>	<i>BW-1</i>	<i>BE-2</i>	<i>WW-3</i>	<i>EW-4</i>	<i>SW-5</i>	<i>NW-6</i>	<i>EW-7</i>	<i>NW-8</i>
<i>Sample Date</i>		<i>13.5</i>	<i>13.5</i>	<i>10</i>	<i>10.5</i>	<i>10</i>	<i>10.5</i>	<i>10.5</i>	<i>10</i>
		<i>7/8/2003</i>	<i>7/8/2003</i>	<i>7/8/2003</i>	<i>7/8/2003</i>	<i>7/8/2003</i>	<i>7/8/2003</i>	<i>7/11/2003</i>	<i>7/11/2003</i>
<i>Detected Analyte (mg/kg)</i>									
<i>VOCs</i>									
Acetone	0.24	<1.5	0.19	<0.03	0.22	<1.2	<1.4	<0.023	<0.025
Benzene	0.045	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone	NL	<1.5	0.014 J	<0.03	<0.028	<1.2	<1.4	<0.023	<0.025
Carbon Disulfide	NL	<0.37	0.0098	<0.0074	0.0095	<0.3	<0.34	<0.0058	0.00041 J
Cyclohexane	NL	<0.74	<0.015	<0.015	0.00074 J	<0.59	<0.68	<0.012	<0.012
cis-1,2-Dichloroethene	0.19	1.7	0.19	0.0038	0.28	0.43	2.4	0.12	0.057
trans-1,2-Dichloroethene	0.65	<0.18	0.0072	<0.0037	0.012	<0.15	<0.17	0.0016 J	0.0021 J
Ethylbenzene	2.5	<0.37	0.0037 J	<0.0074	0.0086	<0.3	<0.34	<0.0058	<0.0062
Isopropylbenzene	NL	<0.37	<0.0075	<0.0074	0.0017 J	<0.3	<0.34	<0.0058	<0.0062
Methylene chloride	0.076	<0.37	<0.0075	<0.0074	<0.0071	<0.3	<0.34	0.004 J	0.0042 J
Methylcyclohexane	NL	<0.74	0.00075 J	<0.015	0.0029 J	<0.59	<0.68	<0.012	<0.012
4-Methyl-2-pentanone	NL	<1.5	0.0042 J	<0.03	0.0047 J	<1.2	<1.4	<0.023	<0.025
Tetrachloroethene	0.53	<0.37	<0.0075	0.00082 J	<0.0071	<0.3	<0.34	0.017	0.071
Toluene	2.6	<0.37	0.0057 J	<0.0074	0.011	<0.3	<0.34	<0.0058	<0.0062
Trichloroethene	0.4	<0.37	<0.0075	0.0014 J	0.00094 J	<0.3	<0.34	0.02	0.1
1,2,4-Trichlorobenzene	15	<0.37	0.0012 J	<0.0074	<0.0071	<0.3	<0.34	<0.0058	<0.0062
1,1,2-Trichloro-1,2,2-trifluoroethane	NL	<0.37	0.0027 J	0.0021 J	<0.0071	<0.3	<0.34	<0.0058	<0.0062
1,3,5-Trimethylbenzene	NL	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes (total)	1	<0.74	0.022	<0.015	0.067	<0.59	<0.68	<0.012	<0.012
Methyl tert-butyl ether	0.028	<1.5	0.00057 J	<0.03	<0.028	<1.2	<1.4	<0.023	<0.025
<i>SVOCs</i>									
Butyl benzyl phthalate	NL	NA	NA	NA	NA	NA	NA	NA	NA
<i>Metals</i>									
Cadmium	33	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	13	NA	NA	NA	NA	NA	NA	NA	NA
Lead	750	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	1,000	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	5,000	NA	NA	NA	NA	NA	NA	NA	NA
<i>Oil and Grease</i>									
	NL	NA	NA	NA	NA	NA	NA	NA	NA
<i>Total Petroleum Hydrocarbons</i>									
TPH (as Diesel)	100	19	19	50	49	14	6.8 J	<13	5.9 J
TPH (as Gasoline)	100	0.28	1.4	<0.13	39	0.23	0.32	<.13	<.13

Notes:

¹ San Francisco Regional Water Quality Control Board Risk Based Screening Levels, December, 2001, Table C

J - Estimated Value mg/kg - milligrams per kilogram NL - Not Listed NA - Not Analyzed

Maximum Detected Concentrations in **BOLD** Exceed the Applicable RBSL Value

<0.005 Value is Less Than the Applicable Method Detection Limit

TABLE 2
 SOIL SAMPLE ANALYTICAL RESULTS
 SATURN OF PLEASANTON PHASE IV
 PLEASANTON, CALIFORNIA

Sample Location	RWQCB RBSL ¹ Commercial/Industrial Land Use (mg/kg)	West Excavation Bottom BW-9 13.5 7/22/2003	East Excavation Bottom BE-10 13.5 7/22/2003	North Sidewall NW-11 10 7/22/2003	West Sidewall WW-12 10.5 7/22/2003	East Sidewall EW-13 10 7/22/2003	South Sidewall SW-14 10.5 7/22/2003
Detected Analyte (mg/kg)							
VOCs							
Acetone	0.24	0.55	NA	NA	NA	NA	0.1
Benzene	0.045	0.0078	NA	NA	NA	NA	<0.005
2-Butanone	NL	NA	NA	NA	NA	NA	NA
Carbon Disulfide	NL	0.054	NA	NA	NA	NA	<0.005
Cyclohexane	NL	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	0.19	0.87	NA	NA	NA	NA	0.0092
trans-1,2-Dichloroethene	0.65	0.032	NA	NA	NA	NA	<0.005
Ethylbenzene	2.5	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NL	NA	NA	NA	NA	NA	NA
Methylene chloride	0.076	0.01	NA	NA	NA	NA	<0.01
Methylcyclohexane	NL	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	NL	NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.53	<0.005	NA	NA	NA	NA	0.0081
Toluene	2.6	0.018	NA	NA	NA	NA	<0.005
Trichloroethene	0.4	0.005	NA	NA	NA	NA	0.015
1,2,4-Trichlorobenzene	15	0.031	NA	NA	NA	NA	<0.005
1,1,2-Trichloro-1,2,2-trifluoroethane	NL	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	NL	0.0077	NA	NA	NA	NA	<0.005
Xylenes (total)	1	0.028	NA	NA	NA	NA	<0.005
Methyl tert-butyl ether	0.028	NA	NA	NA	NA	NA	NA
SVOCs							
Butyl benzyl phthalate	NL	<0.17	0.48	0.31	<0.17	0.17	0.18
Metals							
Cadmium	33	2.9	3.2	2.8	2.9	2.7	2.8
Chromium	13	36	37	33	34	32	31
Lead	750	5.5	6.1	5.6	5.8	5.9	5.3
Nickel	1,000	40	41	37	41	38	34
Zinc	5,000	50	50	46	48	50	48
Oil and Grease	NL	<50	<50	<50	<50	<50	<50
Total Petroleum Hydrocarbons							
TPH (as Diesel)	100	NA	NA	NA	NA	NA	NA
TPH (as Gasoline)	100	NA	NA	NA	NA	NA	NA

Notes:

¹ San Francisco Regional Water Quality Control Board Risk Based Screening Levels, December, 2001, Table C

J - Estimated Value mg/kg - milligrams per kilogram NL - Not Listed NA - Not Analyzed

Maximum Detected Concentrations in **BOLD** Exceed the Applicable RBSL Value

<0.005 Value is Less Than the Applicable Method Detection Limit

APPENDIX D

Laboratory Analytical Results

ANALYTICAL REPORT

PROJECT NO. 17366-30

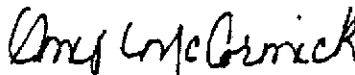
SATURN-PLEASANTON, CA

Lot #: A3G090146

Paul Wiseman

ENCORE Environmental Consultant
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

SEVERN TRENT LABORATORIES, INC.



Amy L. McCormick
Project Manager

July 18, 2003

Severn Trent Laboratories, Inc.
STL North Canton • 4101 Shuffel Drive NW, North Canton, OH 44720
Tel 330 497 9396 Fax 330 497 0772 • www.stl-inc.com

CASE NARRATIVE

A3G090146

The following report contains the analytical results for six solid samples submitted to STL North Canton by Encore Environmental Consultant from the Saturn - Pleasanton, CA Site, project number 17366-30. The samples were received July 9, 2003, according to documented sample acceptance procedures.

The samples presented in this report were analyzed for the parameters listed on the analytical methods summary page in accordance with the methods indicated. Preliminary results were provided to Kathy Shaw on July 10, 2003. A summary of QC data for these analyses is included at the rear of the report.

SUPPLEMENTAL QC INFORMATION

GC/MS VOLATILES

Sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.


Sample(s) that contain results between the MDL and the RL were flagged with "J". There is the 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.

Soil samples were preserved by freezing in water since they effervesced when preserved with sodium bisulfate.

GC SEMIVOLATILES

Sample(s) that contain results between the MDL and the RL were flagged with "J". There is the 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.

STL utilizes USEPA approved methods in all analytical work. The results included in this report have been reviewed for compliance with the laboratory QA/QC plan. All data have been found to be compliant with laboratory protocol.



Amy McCormick
Project Manager

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 reparation 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)

Methylene chloride
Acetone
2-Butanone

Semivolatile (GC/MS)

Phthalate Esters

Metals

Copper
Iron
Zinc
Lead*

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

QUALITY CONTROL ELEMENTS OF SW-846 METHODS (Continued)

- 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 reparation 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 repped and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be repped 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, PAH, and Herbicide methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria.

STL North Canton Certifications and Approvals:

Alabama (#41170), California (#2157), Connecticut (#PH-0590), Florida (#E87225),
Illinois (#100439), Kansas (#E10336), Kentucky (#90021), Massachusetts (#M-OH048),
Maryland (#272), Minnesota (#39-999-348), Missouri (#6090), New Jersey (#74001),
New York (#10975), North Dakota (#R-156), Ohio (#6090), Ohio VAP (#CL0024),
Pennsylvania (#68-340), Rhode Island (#237), South Carolina (#92007001, #92007002, #92007003),
Tennessee (#02903), West Virginia (#210), Wisconsin (#999518190), NAVY, ARMY,
USDA Soil Permit, ACIL Seal of Excellence - Participating Lab Status Award (#82)



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ANALYTICAL METHODS SUMMARY

A3G090146

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
Extractable Petroleum Hydrocarbons	SW846 8015B
Total Residue as Percent Solids	MCAWW 160.3 MOD
Volatile Organics by GC/MS	SW846 8260B
Volatile Petroleum Hydrocarbons	SW846 8015B

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

A3G090146

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
FRX6E	001	BW-1	07/08/03	13:00
FRX7C	002	BE-2	07/08/03	13:05
FRX7F	003	WW-3	07/08/03	13:20
FRX7X	004	EW-4	07/08/03	13:25
FRX79	005	SW-5	07/08/03	13:40
FRX8G	006	NW-6	07/08/03	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.

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: BW-1

GC/MS Volatiles

Lot-Sample #....: A3G090146-001 Work Order #....: FRI6E1AC Matrix.....: SO
 Date Sampled....: 07/08/03 13:00 Date Received...: 07/09/03
 Prep Date.....: 07/09/03 Analysis Date...: 07/09/03
 Prep Batch #....: 3190623
 Dilution Factor: 1.09
 % Moisture.....: 26 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	1500	ug/kg
Benzene	ND	370	ug/kg
Bromodichloromethane	ND	370	ug/kg
Bromoform	ND	370	ug/kg
Bromomethane	ND	370	ug/kg
2-Butanone	ND	1500	ug/kg
Carbon disulfide	ND	370	ug/kg
Carbon tetrachloride	ND	370	ug/kg
Chlorobenzene	ND	370	ug/kg
Dibromochloromethane	ND	370	ug/kg
1,2-Dibromo-3-chloro- propane	ND	740	ug/kg
Chloroethane	ND	370	ug/kg
Chloroform	ND	370	ug/kg
Chloromethane	ND	370	ug/kg
Cyclohexane	ND	740	ug/kg
1,2-Dibromoethane	ND	370	ug/kg
1,2-Dichlorobenzene	ND	370	ug/kg
1,3-Dichlorobenzene	ND	370	ug/kg
1,4-Dichlorobenzene	ND	370	ug/kg
Dichlorodifluoromethane	ND	370	ug/kg
1,1-Dichloroethane	ND	370	ug/kg
1,2-Dichloroethane	ND	370	ug/kg
1,1-Dichloroethene	ND	370	ug/kg
cis-1,2-Dichloroethene	1700	180	ug/kg
trans-1,2-Dichloroethene	ND	180	ug/kg
1,2-Dichloropropane	ND	370	ug/kg
cis-1,3-Dichloropropene	ND	370	ug/kg
trans-1,3-Dichloropropene	ND	370	ug/kg
Ethylbenzene	ND	370	ug/kg
Trichlorofluoromethane	ND	370	ug/kg
2-Hexanone	ND	1500	ug/kg
Isopropylbenzene	ND	370	ug/kg
Methyl acetate	ND	740	ug/kg
Methylcyclohexane	ND	740	ug/kg
Methylene chloride	ND	370	ug/kg
4-Methyl-2-pentanone	ND	1500	ug/kg
Styrene	ND	370	ug/kg

(Continued on next page)

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: BW-1

GC/MS Volatiles

Lot-Sample #....: A3G090146-001 Work Order #....: FRX6E1AC Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
1,1,2,2-Tetrachloroethane	ND	370	ug/kg
Tetrachloroethene	ND	370	ug/kg
Toluene	ND	370	ug/kg
1,2,4-Trichloro- benzene	ND	370	ug/kg
1,1,1-Trichloroethane	ND	370	ug/kg
1,1,2-Trichloroethane	ND	370	ug/kg
Trichloroethene	ND	370	ug/kg
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	370	ug/kg
Vinyl chloride	ND	370	ug/kg
Xylenes (total)	ND	740	ug/kg
Methyl tert-butyl ether	ND	1500	ug/kg

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Dibromofluoromethane	81	(59 - 138)
1,2-Dichloroethane-d4	66	(61 - 130)
Toluene-d8	82	(60 - 143)
4-Bromofluorobenzene	80	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: BE-2

GC/MS Volatiles

Lot-Sample #....: A3G090146-002 Work Order #....: FRX7C1AC Matrix.....: SO
 Date Sampled....: 07/08/03 13:05 Date Received...: 07/09/03
 Prep Date.....: 07/09/03 Analysis Date...: 07/09/03
 Prep Batch #....: 3191142
 Dilution Factor: 1.09
 † Moisture.....: 27 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	190	30	ug/kg
Benzene	ND	7.5	ug/kg
Bromodichloromethane	ND	7.5	ug/kg
Bromoform	ND	7.5	ug/kg
Bromomethane	ND	7.5	ug/kg
2-Butanone	14 J	30	ug/kg
Carbon disulfide	9.8	7.5	ug/kg
Carbon tetrachloride	ND	7.5	ug/kg
Chlorobenzene	ND	7.5	ug/kg
Dibromochloromethane	ND	7.5	ug/kg
1,2-Dibromo-3-chloro- propane	ND	15	ug/kg
Chloroethane	ND	7.5	ug/kg
Chloroform	ND	7.5	ug/kg
Chloromethane	ND	7.5	ug/kg
Cyclohexane	ND	15	ug/kg
1,2-Dibromoethane	ND	7.5	ug/kg
1,2-Dichlorobenzene	ND	7.5	ug/kg
1,3-Dichlorobenzene	ND	7.5	ug/kg
1,4-Dichlorobenzene	ND	7.5	ug/kg
Dichlorodifluoromethane	ND	7.5	ug/kg
1,1-Dichloroethane	ND	7.5	ug/kg
1,2-Dichloroethane	ND	7.5	ug/kg
1,1-Dichloroethene	ND	7.5	ug/kg
cis-1,2-Dichloroethene	190	3.8	ug/kg
trans-1,2-Dichloroethene	7.2	3.8	ug/kg
1,2-Dichloropropane	ND	7.5	ug/kg
cis-1,3-Dichloropropene	ND	7.5	ug/kg
trans-1,3-Dichloropropene	ND	7.5	ug/kg
Ethylbenzene	3.7 J	7.5	ug/kg
Trichlorofluoromethane	ND	7.5	ug/kg
2-Hexanone	ND	30	ug/kg
Isopropylbenzene	ND	7.5	ug/kg
Methyl acetate	ND	15	ug/kg
Methylcyclohexane	0.75 J	15	ug/kg
Methylene chloride	ND	7.5	ug/kg
4-Methyl-2-pentanone	4.2 J	30	ug/kg
Styrene	ND	7.5	ug/kg

(Continued on next page)

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: BE-2

GC/MS Volatiles

Lot-Sample #....: A3G090146-002 Work Order #....: FRX7C1AC Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
1,1,2,2-Tetrachloroethane	ND	7.5	ug/kg
Tetrachloroethene	ND	7.5	ug/kg
Toluene	5.7 J	7.5	ug/kg
1,2,4-Trichloro- benzene	1.2 J,B	7.5	ug/kg
1,1,1-Trichloroethane	ND	7.5	ug/kg
1,1,2-Trichloroethane	ND	7.5	ug/kg
Trichloroethene	ND	7.5	ug/kg
1,1,2-Trichloro- 1,2,2-trifluoroethane	2.7 J	7.5	ug/kg
Vinyl chloride	ND	7.5	ug/kg
Xylenes (total)	22	15	ug/kg
Methyl tert-butyl ether	0.57 J	30	ug/kg

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Dibromofluoromethane	94	(59 - 138)
1,2-Dichloroethane-d4	98	(61 - 130)
Toluene-d8	94	(60 - 143)
4-Bromofluorobenzene	96	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: NW-3

GC/MS Volatiles

Lot-Sample #....: A3G090146-003 Work Order #....: FRX7F1AC Matrix.....: SO
 Date Sampled....: 07/08/03 13:20 Date Received...: 07/09/03
 Prep Date.....: 07/09/03 Analysis Date...: 07/09/03
 Prep Batch #....: 3191142
 Dilution Factor: 1.11
 % Moisture.....: 25 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	30	ug/kg
Benzene	ND	7.4	ug/kg
Bromodichloromethane	ND	7.4	ug/kg
Bromoform	ND	7.4	ug/kg
Bromomethane	ND	7.4	ug/kg
2-Butanone	ND	30	ug/kg
Carbon disulfide	ND	7.4	ug/kg
Carbon tetrachloride	ND	7.4	ug/kg
Chlorobenzene	ND	7.4	ug/kg
Dibromochloromethane	ND	7.4	ug/kg
1,2-Dibromo-3-chloro- propane	ND	15	ug/kg
Chloroethane	ND	7.4	ug/kg
Chloroform	ND	7.4	ug/kg
Chloromethane	ND	7.4	ug/kg
Cyclohexane	ND	15	ug/kg
1,2-Dibromoethane	ND	7.4	ug/kg
1,2-Dichlorobenzene	ND	7.4	ug/kg
1,3-Dichlorobenzene	ND	7.4	ug/kg
1,4-Dichlorobenzene	ND	7.4	ug/kg
Dichlorodifluoromethane	ND	7.4	ug/kg
1,1-Dichloroethane	ND	7.4	ug/kg
1,2-Dichloroethane	ND	7.4	ug/kg
1,1-Dichloroethene	ND	7.4	ug/kg
cis-1,2-Dichloroethene	3.8	3.7	ug/kg
trans-1,2-Dichloroethene	ND	3.7	ug/kg
1,2-Dichloropropane	ND	7.4	ug/kg
cis-1,3-Dichloropropene	ND	7.4	ug/kg
trans-1,3-Dichloropropene	ND	7.4	ug/kg
Ethylbenzene	ND	7.4	ug/kg
Trichlorofluoromethane	ND	7.4	ug/kg
2-Hexanone	ND	30	ug/kg
Isopropylbenzene	ND	7.4	ug/kg
Methyl acetate	ND	15	ug/kg
Methylcyclohexane	ND	15	ug/kg
Methylene chloride	ND	7.4	ug/kg
4-Methyl-2-pentanone	ND	30	ug/kg
Styrene	ND	7.4	ug/kg

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ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: WW-3

GC/MS Volatiles

Lot-Sample #....: A3G090146-003 Work Order #....: PRX7F1AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	7.4	ug/kg
Tetrachloroethene	0.82 J	7.4	ug/kg
Toluene	ND	7.4	ug/kg
1,2,4-Trichloro- benzene	ND	7.4	ug/kg
1,1,1-Trichloroethane	ND	7.4	ug/kg
1,1,2-Trichloroethane	ND	7.4	ug/kg
Trichloroethene	1.4 J	7.4	ug/kg
1,1,2-Trichloro- 1,2,2-trifluoroethane	2.1 J	7.4	ug/kg
Vinyl chloride	ND	7.4	ug/kg
Xylenes (total)	ND	15	ug/kg
Methyl tert-butyl ether	ND	30	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	86	(59 - 138)
1,2-Dichloroethane-d4	83	(61 - 130)
Toluene-d8	89	(60 - 143)
4-Bromofluorobenzene	75	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: EW-4

GC/MS Volatiles

Lot-Sample #....: A3G090146-004 Work Order #....: FRX7X1AC Matrix.....: SO
 Date Sampled....: 07/08/03 13:25 Date Received...: 07/09/03
 Prep Date.....: 07/09/03 Analysis Date...: 07/09/03
 Prep Batch #....: 3191142
 Dilution Factor: 1.09
 % Moisture.....: 23 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	220	28	ug/kg
Benzene	ND	7.1	ug/kg
Bromodichloromethane	ND	7.1	ug/kg
Bromoform	ND	7.1	ug/kg
Bromomethane	ND	7.1	ug/kg
2-Butanone	ND	28	ug/kg
Carbon disulfide	9.5	7.1	ug/kg
Carbon tetrachloride	ND	7.1	ug/kg
Chlorobenzene	ND	7.1	ug/kg
Dibromochloromethane	ND	7.1	ug/kg
1,2-Dibromo-3-chloro- propane	ND	14	ug/kg
Chloroethane	ND	7.1	ug/kg
Chloroform	ND	7.1	ug/kg
Chloromethane	ND	7.1	ug/kg
Cyclohexane	0.74 J	14	ug/kg
1,2-Dibromoethane	ND	7.1	ug/kg
1,2-Dichlorobenzene	ND	7.1	ug/kg
1,3-Dichlorobenzene	ND	7.1	ug/kg
1,4-Dichlorobenzene	ND	7.1	ug/kg
Dichlorodifluoromethane	ND	7.1	ug/kg
1,1-Dichloroethane	ND	7.1	ug/kg
1,2-Dichloroethane	ND	7.1	ug/kg
1,1-Dichloroethene	ND	7.1	ug/kg
cis-1,2-Dichloroethene	280	3.6	ug/kg
trans-1,2-Dichloroethene	12	3.6	ug/kg
1,2-Dichloropropane	ND	7.1	ug/kg
cis-1,3-Dichloropropene	ND	7.1	ug/kg
trans-1,3-Dichloropropene	ND	7.1	ug/kg
Ethylbenzene	8.6	7.1	ug/kg
Trichlorofluoromethane	ND	7.1	ug/kg
2-Hexanone	ND	28	ug/kg
Isopropylbenzene	1.7 J	7.1	ug/kg
Methyl acetate	ND	14	ug/kg
Methylcyclohexane	2.9 J	14	ug/kg
Methylene chloride	ND	7.1	ug/kg
4-Methyl-2-pentanone	4.7 J	28	ug/kg
Styrene	ND	7.1	ug/kg

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ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: EW-4

GC/MS Volatiles

Lot-Sample #...: A3G090146-004 Work Order #...: FRX7X1AC Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
1,1,2,2-Tetrachloroethane	ND	7.1	ug/kg
Tetrachloroethene	ND	7.1	ug/kg
Toluene	11	7.1	ug/kg
1,2,4-Trichloro- benzene	ND	7.1	ug/kg
1,1,1-Trichloroethane	ND	7.1	ug/kg
1,1,2-Trichloroethane	ND	7.1	ug/kg
Trichloroethene	0.94 J	7.1	ug/kg
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	7.1	ug/kg
Vinyl chloride	ND	7.1	ug/kg
Xylenes (total)	67	14	ug/kg
Methyl tert-butyl ether	ND	28	ug/kg

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Dibromofluoromethane	87	(59 - 138)
1,2-Dichloroethane-d4	90	(61 - 130)
Toluene-d8	85	(60 - 143)
4-Bromofluorobenzene	79	(47 - 158)

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: SW-5

GC/MS Volatiles

Lot-Sample #....: A3G090146-005 Work Order #....: FRX791AC Matrix.....: SO
 Date Sampled....: 07/08/03 13:40 Date Received...: 07/09/03
 Prep Date.....: 07/09/03 Analysis Date...: 07/09/03
 Prep Batch #....: 3190623
 Dilution Factor: 0.92
 % Moisture.....: 22 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	1200	ug/kg
Benzene	ND	300	ug/kg
Bromodichloromethane	ND	300	ug/kg
Bromoform	ND	300	ug/kg
Bromomethane	ND	300	ug/kg
2-Butanone	ND	1200	ug/kg
Carbon disulfide	ND	300	ug/kg
Carbon tetrachloride	ND	300	ug/kg
Chlorobenzene	ND	300	ug/kg
Dibromochloromethane	ND	300	ug/kg
1,2-Dibromo-3-chloro- propane	ND	590	ug/kg
Chloroethane	ND	300	ug/kg
Chloroform	ND	300	ug/kg
Chloromethane	ND	300	ug/kg
Cyclohexane	ND	590	ug/kg
1,2-Dibromoethane	ND	300	ug/kg
1,2-Dichlorobenzene	ND	300	ug/kg
1,3-Dichlorobenzene	ND	300	ug/kg
1,4-Dichlorobenzene	ND	300	ug/kg
Dichlorodifluoromethane	ND	300	ug/kg
1,1-Dichloroethane	ND	300	ug/kg
1,2-Dichloroethane	ND	300	ug/kg
1,1-Dichloroethene	ND	300	ug/kg
cis-1,2-Dichloroethene	430	150	ug/kg
trans-1,2-Dichloroethene	ND	150	ug/kg
1,2-Dichloropropane	ND	300	ug/kg
cis-1,3-Dichloropropene	ND	300	ug/kg
trans-1,3-Dichloropropene	ND	300	ug/kg
Ethylbenzene	ND	300	ug/kg
Trichlorofluoromethane	ND	300	ug/kg
2-Hexanone	ND	1200	ug/kg
Isopropylbenzene	ND	300	ug/kg
Methyl acetate	ND	590	ug/kg
Methylcyclohexane	ND	590	ug/kg
Methylene chloride	ND	300	ug/kg
4-Methyl-2-pentanone	ND	1200	ug/kg
Styrene	ND	300	ug/kg

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ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: SW-5

GC/MS Volatiles

Lot-Sample #....: A3G090146-005 Work Order #....: FRX791AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	300	ug/kg
Tetrachloroethene	ND	300	ug/kg
Toluene	ND	300	ug/kg
1,2,4-Trichloro-benzene	ND	300	ug/kg
1,1,1-Trichloroethane	ND	300	ug/kg
1,1,2-Trichloroethane	ND	300	ug/kg
Trichloroethene	ND	300	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	300	ug/kg
Vinyl chloride	ND	300	ug/kg
Xylenes (total)	ND	590	ug/kg
Methyl tert-butyl ether	ND	1200	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	85	(59 - 138)
1,2-Dichloroethane-d4	71	(61 - 130)
Toluene-d8	86	(60 - 143)
4-Bromofluorobenzene	82	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: NW-6

GC/MS Volatiles

Lot-Sample #....: A3G090146-006 Work Order #....: FRX8G1AC Matrix.....: SO
 Date Sampled....: 07/08/03 13:45 Date Received...: 07/09/03
 Prep Date.....: 07/09/03 Analysis Date...: 07/09/03
 Prep Batch #....: 3190623
 Dilution Factor: 1.02
 † Moisture.....: 24 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	1400	ug/kg
Benzene	ND	340	ug/kg
Bromodichloromethane	ND	340	ug/kg
Bromoform	ND	340	ug/kg
Bromomethane	ND	340	ug/kg
2-Butanone	ND	1400	ug/kg
Carbon disulfide	ND	340	ug/kg
Carbon tetrachloride	ND	340	ug/kg
Chlorobenzene	ND	340	ug/kg
Dibromochloromethane	ND	340	ug/kg
1,2-Dibromo-3-chloro- propane	ND	680	ug/kg
Chloroethane	ND	340	ug/kg
Chloroform	ND	340	ug/kg
Chloromethane	ND	340	ug/kg
Cyclohexane	ND	680	ug/kg
1,2-Dibromoethane	ND	340	ug/kg
1,2-Dichlorobenzene	ND	340	ug/kg
1,3-Dichlorobenzene	ND	340	ug/kg
1,4-Dichlorobenzene	ND	340	ug/kg
Dichlorodifluoromethane	ND	340	ug/kg
1,1-Dichloroethane	ND	340	ug/kg
1,2-Dichloroethane	ND	340	ug/kg
1,1-Dichloroethene	ND	340	ug/kg
cis-1,2-Dichloroethene	2400	170	ug/kg
trans-1,2-Dichloroethene	ND	170	ug/kg
1,2-Dichloropropane	ND	340	ug/kg
cis-1,3-Dichloropropene	ND	340	ug/kg
trans-1,3-Dichloropropene	ND	340	ug/kg
Ethylbenzene	ND	340	ug/kg
Trichlorofluoromethane	ND	340	ug/kg
2-Hexanone	ND	1400	ug/kg
Isopropylbenzene	ND	340	ug/kg
Methyl acetate	ND	680	ug/kg
Methylcyclohexane	ND	680	ug/kg
Methylene chloride	ND	340	ug/kg
4-Methyl-2-pentanone	ND	1400	ug/kg
Styrene	ND	340	ug/kg

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ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: NW-6

GC/MS Volatiles

Lot-Sample #....: A3G090146-006 Work Order #....: FRX8G1AC Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
1,1,2,2-Tetrachloroethane	ND	340	ug/kg
Tetrachloroethene	ND	340	ug/kg
Toluene	ND	340	ug/kg
1,2,4-Trichloro- benzene	ND	340	ug/kg
1,1,1-Trichloroethane	ND	340	ug/kg
1,1,2-Trichloroethane	ND	340	ug/kg
Trichloroethene	ND	340	ug/kg
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	340	ug/kg
Vinyl chloride	ND	340	ug/kg
Xylenes (total)	ND	680	ug/kg
Methyl tert-butyl ether	ND	1400	ug/kg

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Dibromofluoromethane	82	(59 - 138)
1,2-Dichloroethane-d4	65	(61 - 130)
Toluene-d8	80	(60 - 143)
4-Bromofluorobenzene	77	(47 - 158)

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: BW-1

GC Volatiles

Lot-Sample #....: A3G090146-001 Work Order #....: FRX6E1AE Matrix.....: SO
Date Sampled....: 07/08/03 13:00 Date Received...: 07/09/03
Prep Date.....: 07/10/03 Analysis Date...: 07/10/03
Prep Batch #....: 3191173
Dilution Factor: 1
* Moisture.....: 26 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>
TPH (as Gasoline)	280	140	ug/kg
<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>	
Trifluorotoluene	90	(10 - 150)	

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: BB-2

GC Volatiles

Lot-Sample #....: A3G090146-002 Work Order #....: FRX7CLAE Matrix.....: SO
Date Sampled....: 07/08/03 13:05 Date Received...: 07/09/03
Prep Date.....: 07/10/03 Analysis Date...: 07/10/03
Prep Batch #....: 3191331
Dilution Factor: 5
% Moisture.....: 27 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
TPH (as Gasoline)	1400	690	ug/kg
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	
Trifluorotoluene	85	(10 - 150)	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: EW-4

GC Volatiles

Lot-Sample #....: A3G090146-004 Work Order #....: FRX7X1AE Matrix.....: SO
Date Sampled...: 07/08/03 13:25 Date Received...: 07/09/03
Prep Date.....: 07/10/03 Analysis Date...: 07/10/03
Prep Batch #....: 3191334
Dilution Factor: 2
% Moisture.....: 23 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>	<u>LIMIT</u>	<u>UNITS</u>
TPH (as Gasoline)	39000		13000	ug/kg
		<u>PERCENT</u>	<u>RECOVERY</u>	
<u>SURROGATE</u>	<u>RECOVERY</u>		<u>LIMITS</u>	
Trifluorotoluene	80		(10 - 150)	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: SW-5

GC Volatiles

Lot-Sample #....: A3G090146-005 Work Order #....: FRX791AE Matrix.....: SO
Date Sampled...: 07/08/03 13:40 Date Received...: 07/09/03
Prep Date.....: 07/10/03 Analysis Date...: 07/10/03
Prep Batch #....: 3191331
Dilution Factor: 1
% Moisture.....: 22 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>
TPH (as Gasoline)	230	130	ug/kg
<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>	
Trifluorotoluene	87	(10 - 150)	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: NW-6

GC Volatiles

Lot-Sample #....: A3G090146-006 Work Order #....: FRX8G1AE Matrix.....: SO
Date Sampled....: 07/08/03 13:45 Date Received...: 07/09/03
Prep Date.....: 07/10/03 Analysis Date...: 07/10/03
Prep Batch #....: 3191173
Dilution Factor: 1
% Moisture.....: 24 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
TPH (as Gasoline)	320	130	ug/kg
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	
Trifluorotoluene	100	(10 - 150)	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: BW-1

GC Semivolatiles

Lot-Sample #....: A3G090146-001 Work Order #....: FRX6E1AD Matrix.....: SO
Date Sampled....: 07/08/03 13:00 Date Received...: 07/09/03
Prep Date.....: 07/09/03 Analysis Date...: 07/10/03
Prep Batch #....: 3190318
Dilution Factor: 1
% Moisture.....: 26 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>	<u>UNITS</u>
TPH (as Diesel)	19	14	mg/kg
<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>	
C9 (nonane)	RECOVERY	LIMITS	
	20	(10 - 110)	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: BE-2

GC Semivolatiles

Lot-Sample #....: A3G090146-002 Work Order #....: FRX7C1AD Matrix.....: SO
Date Sampled....: 07/08/03 13:05 Date Received...: 07/09/03
Prep Date.....: 07/09/03 Analysis Date...: 07/10/03
Prep Batch #....: 3190318
Dilution Factor: 1
% Moisture.....: 27 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
TPH (as Diesel)	19	14	mg/kg
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	
C9 (nonane)	24	(10 - 110)	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: EW-4

GC Semivolatiles

Lot-Sample #....: A3G090146-004 Work Order #....: FRX7X1AD Matrix.....: SO
Date Sampled....: 07/08/03 13:25 Date Received...: 07/09/03
Prep Date.....: 07/09/03 Analysis Date...: 07/10/03
Prep Batch #....: 3190318
Dilution Factor: 1
% Moisture.....: 23 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>
TPH (as Diesel)	49	13	mg/kg
<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>	
C9 (nonane)	20	(10 - 110)	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: SW-5

GC Semivolatiles

Lot-Sample #...: A3G090146-005 Work Order #...: FRX791AD Matrix.....: SO
Date Sampled...: 07/08/03 13:40 Date Received...: 07/09/03
Prep Date.....: 07/09/03 Analysis Date...: 07/10/03
Prep Batch #...: 3190318
Dilution Factor: 1
% Moisture.....: 22 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
TPH (as Diesel)	14	13	mg/kg
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	
C9 (nonane)	22	(10 - 110)	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: NW-6

GC Semivolatiles

Lot-Sample #....: A3G090146-006 Work Order #....: FRX8G1AD Matrix.....: SO
Date Sampled....: 07/08/03 13:45 Date Received...: 07/09/03
Prep Date.....: 07/09/03 Analysis Date...: 07/10/03
Prep Batch #....: 3190318
Dilution Factor: 1
† Moisture.....: 24 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>
TPH (as Diesel)	6.8 J	13	mg/kg
<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>	
C9 (nonane)	21	(10 - 110)	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.
J Estimated result. Result is less than RL.

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: BW-1

General Chemistry

Lot-Sample #....: A3G090146-001 Work Order #....: FRX6E Matrix.....: SO
Date Sampled....: 07/08/03 13:00 Date Received...: 07/09/03
% Moisture.....: 26

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Percent Solids	73.9	10.0	%	MCAWW 160.3 MOD	07/09-07/10/03	3190422

Dilution Factor: 1

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: BE-2

General Chemistry

Lot-Sample #...: A3G090146-002 Work Order #...: FRX7C Matrix.....: SO
Date Sampled...: 07/08/03 13:05 Date Received...: 07/09/03
% Moisture.....: 27

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Percent Solids	72.6	10.0	%	MCAWW 160.3 MOD	07/09-07/10/03	3190422

Dilution Factor: 1

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: WW-3

General Chemistry

Lot-Sample #...: A3G090146-003 Work Order #...: FRX7F Matrix.....: SO
Date Sampled...: 07/08/03 13:20 Date Received...: 07/09/03
% Moisture.....: 25

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Percent Solids	75.1	10.0	%	MCAWW 160.3 MOD	07/09-07/10/03	3190422

Dilution Factor: 1

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: EW-4

General Chemistry

Lot-Sample #....: A3G090146-004 Work Order #....: FRX7X
Date Sampled....: 07/08/03 13:25 Date Received...: 07/09/03
% Moisture.....: 23

Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Percent Solids	76.6	10.0	%	MCAWW 160.3 MOD	07/09-07/10/03	3190422

Dilution Factor: 1

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: SW-5

General Chemistry

Lot-Sample #...: A3G090146-005 Work Order #...: FRX79 Matrix.....: SO
Date Sampled...: 07/08/03 13:40 Date Received...: 07/09/03
% Moisture.....: 22

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Percent Solids	77.7	10.0	%	MCAWW 160.3 MOD	07/09-07/10/03	3190422

Dilution Factor: 1

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: NW-6

General Chemistry

Lot-Sample #....: A3G090146-006 Work Order #....: FRX8G Matrix.....: SO
Date Sampled....: 07/08/03 13:45 Date Received...: 07/09/03
‡ Moisture.....: 24

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Percent Solids	75.5	10.0	‡	MCAWW 160.3 MOD	07/09-07/10/03	3190422

Dilution Factor: 1

QUALITY CONTROL SECTION

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A3G090146
 MB Lot-Sample #: A3G090000-623

Work Order #...: FR1NW1AA

Matrix.....: SOLID

Analysis Date...: 07/09/03
 Dilution Factor: 1

Prep Date.....: 07/09/03

Prep Batch #...: 3190623

PARAMETER	RESULT	LIMIT	UNITS	METHOD
Acetone	ND	1000	ug/kg	SW846 8260B
Benzene	ND	250	ug/kg	SW846 8260B
Bromodichloromethane	ND	250	ug/kg	SW846 8260B
Bromoform	ND	250	ug/kg	SW846 8260B
Bromomethane	ND	250	ug/kg	SW846 8260B
2-Butanone	ND	1000	ug/kg	SW846 8260B
Carbon disulfide	ND	250	ug/kg	SW846 8260B
Carbon tetrachloride	ND	250	ug/kg	SW846 8260B
Chlorobenzene	ND	250	ug/kg	SW846 8260B
Dibromochloromethane	ND	250	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro- propane	ND	500	ug/kg	SW846 8260B
Chloroethane	ND	250	ug/kg	SW846 8260B
Chloroform	ND	250	ug/kg	SW846 8260B
Chloromethane	ND	250	ug/kg	SW846 8260B
Cyclohexane	ND	500	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	250	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	250	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	120	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	120	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	250	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
Ethylbenzene	ND	250	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	250	ug/kg	SW846 8260B
2-Hexanone	ND	1000	ug/kg	SW846 8260B
Isopropylbenzene	ND	250	ug/kg	SW846 8260B
Methyl acetate	ND	500	ug/kg	SW846 8260B
Methylcyclohexane	ND	500	ug/kg	SW846 8260B
Methylene chloride	ND	250	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	1000	ug/kg	SW846 8260B
Styrene	ND	250	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	250	ug/kg	SW846 8260B
Tetrachloroethene	ND	250	ug/kg	SW846 8260B
Toluene	ND	250	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: A3G090146

Work Order #....: FR1NW1AA

Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		<u>METHOD</u>
		<u>LIMIT</u>	<u>UNITS</u>	
1,2,4-Trichloro- benzene	100 J	250	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	250	ug/kg	SW846 8260B
Trichloroethene	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	250	ug/kg	SW846 8260B
Vinyl chloride	ND	250	ug/kg	SW846 8260B
Xylenes (total)	ND	500	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	1000	ug/kg	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Dibromofluoromethane	90	(59 - 138)
1,2-Dichloroethane-d4	76	(61 - 130)
Toluene-d8	93	(60 - 143)
4-Bromofluorobenzene	87	(47 - 158)

NOTE(S):

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: A3G090146
 MB Lot-Sample #: A3G100000-142

Work Order #....: FR1RW1AA

Matrix.....: SOLID

Analysis Date...: 07/09/03
 Dilution Factor: 1

Prep Date.....: 07/09/03

Prep Batch #....: 3191142

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro- propane	1.7 J	10	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	0.83 J	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	0.60 J	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	2.5	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	2.5	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	10	ug/kg	SW846 8260B
Methylcyclohexane	ND	10	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A3G090146

Work Order #...: FR1RW1AA

Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
1,2,4-Trichloro- benzene	2.8 J	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Dibromofluoromethane	91	(59 - 138)
1,2-Dichloroethane-d4	92	(61 - 130)
Toluene-d8	87	(60 - 143)
4-Bromofluorobenzene	86	(47 - 158)

NOTE(S):

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

1 Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: A3G090146 Work Order #....: FR1NWLAC-LCS Matrix.....: SOLID
 LCS Lot-Sample#: A3G090000-623 FR1NWLAD-LCSD
 Prep Date.....: 07/09/03 Analysis Date...: 07/09/03
 Prep Batch #....: 3190623
 Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	1000	880	ug/kg	88		SW846 8260B
	1000	890	ug/kg	89	0.53	SW846 8260B
Chlorobenzene	1000	990	ug/kg	99		SW846 8260B
	1000	990	ug/kg	99	0.68	SW846 8260B
1,1-Dichloroethene	1000	970	ug/kg	97		SW846 8260B
	1000	990	ug/kg	99	2.8	SW846 8260B
Toluene	1000	930	ug/kg	93		SW846 8260B
	1000	920	ug/kg	92	0.81	SW846 8260B
Trichloroethene	1000	1000	ug/kg	104		SW846 8260B
	1000	1000	ug/kg	104	0.69	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(59 - 138)
	91	(59 - 138)
1,2-Dichloroethane-d4	77	(61 - 130)
	77	(61 - 130)
Toluene-d8	96	(60 - 143)
	92	(60 - 143)
4-Bromofluorobenzene	91	(47 - 158)
	87	(47 - 158)

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/MS Volatiles

Client Lot #....: A3G090146 Work Order #....: FR1NWLAC-LCS Matrix.....: SOLID
 LCS Lot-Sample#: A3G090000-623 FR1NWLAD-LCSD
 Prep Date.....: 07/09/03 Analysis Date...: 07/09/03
 Prep Batch #....: 3190623
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
Benzene	88	(75 - 129)			SW846 8260B
	89	(75 - 129)	0.53	(0-20)	SW846 8260B
Chlorobenzene	99	(75 - 127)			SW846 8260B
	99	(75 - 127)	0.68	(0-22)	SW846 8260B
1,1-Dichloroethene	97	(55 - 142)			SW846 8260B
	99	(55 - 142)	2.8	(0-27)	SW846 8260B
Toluene	93	(71 - 130)			SW846 8260B
	92	(71 - 130)	0.81	(0-24)	SW846 8260B
Trichloroethene	104	(70 - 131)			SW846 8260B
	104	(70 - 131)	0.69	(0-23)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Dibromofluoromethane	96	(59 - 138)
	91	(59 - 138)
1,2-Dichloroethane-d4	77	(61 - 130)
	77	(61 - 130)
Toluene-d8	96	(60 - 143)
	92	(60 - 143)
4-Bromofluorobenzene	91	(47 - 158)
	87	(47 - 158)

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/MS Volatiles

Client Lot #....: A3G090146 Work Order #....: FR1RW1AC-LCS Matrix.....: SOLID
 LCS Lot-Sample#: A3G100000-142 FR1RW1AD-LCSD
 Prep Date.....: 07/09/03 Analysis Date...: 07/09/03
 Prep Batch #....: 3191142
 Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	50	59	ug/kg	117		SW846 8260B
	50	54	ug/kg	107	8.6	SW846 8260B
Chlorobenzene	50	61	ug/kg	123		SW846 8260B
	50	56	ug/kg	112	9.2	SW846 8260B
1,1-Dichloroethene	50	61	ug/kg	123		SW846 8260B
	50	55	ug/kg	109	11	SW846 8260B
Toluene	50	62	ug/kg	125		SW846 8260B
	50	57	ug/kg	113	9.6	SW846 8260B
Trichloroethene	50	61	ug/kg	122		SW846 8260B
	50	58	ug/kg	116	5.8	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(59 - 138)
	92	(59 - 138)
1,2-Dichloroethane-d4	93	(61 - 130)
	91	(61 - 130)
Toluene-d8	100	(60 - 143)
	95	(60 - 143)
4-Bromofluorobenzene	98	(47 - 158)
	95	(47 - 158)

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/MS Volatiles

Client Lot #....: A3G090146 Work Order #....: FR1RW1AC-LCS Matrix.....: SOLID
 LCS Lot-Sample#: A3G100000-142 FR1RW1AD-LCSD
 Prep Date.....: 07/09/03 Analysis Date...: 07/09/03
 Prep Batch #....: 3191142
 Dilution Factor: 1

PARAMETER	PERCENT	RECOVERY	RPD		METHOD
	RECOVERY	LIMITS	RPD	LIMITS	
Benzene	117	(75 - 129)			SW846 8260B
	107	(75 - 129)	8.6	(0-20)	SW846 8260B
Chlorobenzene	123	(75 - 127)			SW846 8260B
	112	(75 - 127)	9.2	(0-22)	SW846 8260B
1,1-Dichloroethene	123	(55 - 142)			SW846 8260B
	109	(55 - 142)	11	(0-27)	SW846 8260B
Toluene	125	(71 - 130)			SW846 8260B
	113	(71 - 130)	9.6	(0-24)	SW846 8260B
Trichloroethene	122	(70 - 131)			SW846 8260B
	116	(70 - 131)	5.8	(0-23)	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Dibromofluoromethane	98	(59 - 138)
	92	(59 - 138)
1,2-Dichloroethane-d4	93	(61 - 130)
	91	(61 - 130)
Toluene-d8	100	(60 - 143)
	95	(60 - 143)
4-Bromofluorobenzene	98	(47 - 158)
	95	(47 - 158)

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/MS Volatiles

Client Lot #....: A3G090146 Work Order #....: FRMX41CR-MS Matrix.....: SOLID
 MS Lot-Sample #: A3G020246-018 FRMX41CT-MSD
 Date Sampled....: 06/30/03 17:20 Date Received...: 07/02/03
 Prep Date.....: 07/10/03 Analysis Date...: 07/10/03
 Prep Batch #....: 3191142
 Dilution Factor: 1 % Moisture.....: 11

PARAMETER	SAMPLE	SPIKE	MEASRD	UNITS	PERCNT		METHOD
	AMOUNT	AMT	AMOUNT		RECVRY	RPD	
Benzene	ND	56	49	ug/kg	87		SW846 8260B
	ND	56	51	ug/kg	91	4.7	SW846 8260B
Chlorobenzene	ND	56	53	ug/kg	94		SW846 8260B
	ND	56	54	ug/kg	96	1.8	SW846 8260B
1,1-Dichloroethene	ND	56	50	ug/kg	88		SW846 8260B
	ND	56	53	ug/kg	94	7.2	SW846 8260B
Toluene	ND	56	56	ug/kg	99		SW846 8260B
	ND	56	58	ug/kg	102	3.6	SW846 8260B
Trichloroethene	ND	56	53	ug/kg	94		SW846 8260B
	ND	56	54	ug/kg	96	2.0	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Dibromofluoromethane	87	(59 - 138)
	85	(59 - 138)
1,2-Dichloroethane-d4	86	(61 - 130)
	92	(61 - 130)
Toluene-d8	92	(60 - 143)
	95	(60 - 143)
4-Bromofluorobenzene	77	(47 - 158)
	73	(47 - 158)

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/MS Volatiles

Client Lot #....: A3G090146 Work Order #....: FRMX41CR-MS Matrix.....: SOLID
 MS Lot-Sample #: A3G020246-018 FRMX41CT-MSD
 Date Sampled...: 06/30/03 17:20 Date Received...: 07/02/03
 Prep Date.....: 07/10/03 Analysis Date...: 07/10/03
 Prep Batch #....: 3191142
 Dilution Factor: 1 % Moisture.....: 11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	87	(55 - 138)			SW846 8260B
	91	(55 - 138)	4.7	(0-20)	SW846 8260B
Chlorobenzene	94	(49 - 139)			SW846 8260B
	96	(49 - 139)	1.8	(0-22)	SW846 8260B
1,1-Dichloroethene	88	(43 - 147)			SW846 8260B
	94	(43 - 147)	7.2	(0-27)	SW846 8260B
Toluene	99	(46 - 147)			SW846 8260B
	102	(46 - 147)	3.6	(0-24)	SW846 8260B
Trichloroethene	94	(46 - 143)			SW846 8260B
	96	(46 - 143)	2.0	(0-23)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	87	(59 - 138)
	85	(59 - 138)
1,2-Dichloroethane-d4	86	(61 - 130)
	92	(61 - 130)
Toluene-d8	92	(60 - 143)
	95	(60 - 143)
4-Bromofluorobenzene	77	(47 - 158)
	73	(47 - 158)

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

GC Volatiles

Client Lot #...: A3G090146 Work Order #...: FR1WG1AA Matrix.....: SOLID
MB Lot-Sample #: A3G100000-173
Analysis Date...: 07/10/03 Prep Date.....: 07/10/03
Dilution Factor: 1 Prep Batch #...: 3191173

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
TPH (as Gasoline)	ND	100	ug/kg	SW846 8015B
<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>		
Trifluorotoluene	79	(10 - 150)		

NOTE(S):

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

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: A3G090146 Work Order #...: FR2K01AA Matrix.....: SOLID
MB Lot-Sample #: A3G100000-331
Analysis Date...: 07/10/03 Prep Date.....: 07/10/03
Dilution Factor: 1 Prep Batch #...: 3191331

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
TPH (as Gasoline)	ND	100	ug/kg	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Trifluorotoluene	81	(10 - 150)

NOTE(S) :

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

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: A3G090146 Work Order #...: FR2K81AA Matrix.....: SOLID
MB Lot-Sample #: A3G100000-334
Prep Date.....: 07/10/03
Analysis Date...: 07/10/03 Prep Batch #...: 3191334
Dilution Factor: 1

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
TPH (as Gasoline)	ND	5000	ug/kg	SW846 8015B
<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>		
Trifluorotoluene	69	(10 - 150)		

NOTE(S) :

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #....: A3G090146 Work Order #....: FR1WGLAC-LCS Matrix.....: SOLID
 LCS Lot-Sample#: A3G100000-173 FR1WGLAD-LCSD
 Prep Date.....: 07/10/03 Analysis Date...: 07/10/03
 Prep Batch #....: 3191173
 Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>RPD</u>	<u>METHOD</u>
TPH (as Gasoline)	200	210	ug/kg	105		SW846 8015B
	200	210	ug/kg	103	2.1	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	85	(10 - 150)
	88	(10 - 150)

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 Volatiles

Client Lot #...: A3G090146 Work Order #...: FR1WG1AC-LCS Matrix.....: SOLID
 LCS Lot-Sample#: A3G100000-173 FR1WG1AD-LCSD
 Prep Date.....: 07/10/03 Analysis Date...: 07/10/03
 Prep Batch #...: 3191173
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
TPH (as Gasoline)	105	(74 - 133)			SW846 8015B
	103	(74 - 133)	2.1	(0-23)	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	85	(10 - 150)
	88	(10 - 150)

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 Volatiles

Client Lot #....: A3G090146 Work Order #....: FR2K01AC-LCS Matrix.....: SOLID
 LCS Lot-Sample#: A3G100000-331 FR2K01AD-LCSD
 Prep Date.....: 07/10/03 Analysis Date...: 07/10/03
 Prep Batch #....: 3191331
 Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>RPD</u>	<u>METHOD</u>
TPH (as Gasoline)	200	220	ug/kg	109		SW846 8015B
	200	230	ug/kg	113	3.5	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	95	(10 - 150)
	94	(10 - 150)

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 Volatiles

Client Lot #....: A3G090146 Work Order #....: FR2K01AC-LCS Matrix.....: SOLID
 LCS Lot-Sample#: A3G100000-331 FR2K01AD-LCSD
 Prep Date.....: 07/10/03 Analysis Date...: 07/10/03
 Prep Batch #....: 3191331
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
TPH (as Gasoline)	109	(74 - 133)			SW846 8015B
	113	(74 - 133)	3.5	(0-23)	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	95	(10 - 150)
	94	(10 - 150)

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 Volatiles

Client Lot #....: A3G090146 Work Order #....: FR2K81AC-LCS Matrix.....: SOLID
 LCS Lot-Sample#: A3G100000-334 FR2K81AD-LCSD
 Prep Date.....: 07/10/03 Analysis Date...: 07/10/03
 Prep Batch #....: 3191334
 Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE</u> <u>AMOUNT</u>	<u>MEASURED</u> <u>AMOUNT</u>	<u>UNITS</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RPD</u>	<u>METHOD</u>
TPH (as Gasoline)	10000	9700	ug/kg	97		SW846 8015B
	10000	9400	ug/kg	94	3.0	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Trifluorotoluene	79	(10 - 150)
	76	(10 - 150)

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 Volatiles

Client Lot #....: A3G090146 Work Order #....: FR2K81AC-LCS Matrix.....: SOLID
 LCS Lot-Sample#: A3G100000-334 FR2K81AD-LCSD
 Prep Date.....: 07/10/03 Analysis Date...: 07/10/03
 Prep Batch #....: 3191334
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
TPH (as Gasoline)	97	(74 - 133)			SW846 8015B
	94	(74 - 133)	3.0	(0-23)	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	79	(10 - 150)
	76	(10 - 150)

NOTE(S):

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

Bold print denotes control parameters

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #....: A3G090146
MB Lot-Sample #: A3G090000-318

Work Order #....: FROEN1AA

Matrix.....: SOLID

Analysis Date...: 07/10/03
Dilution Factor: 1

Prep Date.....: 07/09/03

Prep Batch #....: 3190318

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		<u>METHOD</u>
		<u>LIMIT</u>	<u>UNITS</u>	
TPH (as Diesel)	ND	10	mg/kg	SW846 8015B
<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>		
	<u>RECOVERY</u>	<u>LIMITS</u>		
C9 (nonane)	20	(10 - 110)		

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #....: A3G090146 Work Order #....: FROENLAC-LCS Matrix.....: SOLID
 LCS Lot-Sample#: A3G090000-318 FROENLAD-LCSD
 Prep Date.....: 07/09/03 Analysis Date...: 07/10/03
 Prep Batch #....: 3190318
 Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>RPD</u>	<u>METHOD</u>
TPH (as Diesel)	20	11	mg/kg	55		SW846 8015B
	20	12	mg/kg	60	9.4	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
C9 (nonane)	23	(10 - 110)
	21	(10 - 110)

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 #....: A3G090146 Work Order #....: FROEN1AC-LCS Matrix.....: SOLID
 LCS Lot-Sample#: A3G090000-318 FROEN1AD-LCSD
 Prep Date.....: 07/09/03 Analysis Date...: 07/10/03
 Prep Batch #....: 3190318
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
TPH (as Diesel)	55	(37 - 153)			SW846 8015B
	60	(37 - 153)	9.4	(0-98)	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
C9 (nonane)	23	(10 - 110)
	21	(10 - 110)

NOTE(S):

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

Bold print denotes control parameters

METHOD BLANK REPORT

General Chemistry

Client Lot #....: A3G090146

Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION-</u> <u>ANALYSIS DATE</u>	<u>PREP</u> <u>BATCH #</u>
Percent Solids	ND	Work Order #: FR081AA 10.0	%	MB Lot-Sample #: MCAWW 160.3 MOD	A3G090000-422 07/09-07/10/03	3190422

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 #...: A3G090146

Work Order #...: FRX3D-SMP
FRX3D-DUP

Matrix.....: SOLID

Date Sampled...: 07/08/03 16:12 Date Received...: 07/09/03

% Moisture.....: 18

<u>PARAM</u>	<u>RESULT</u>	<u>DUPLICATE</u>	<u>UNITS</u>	<u>RPD</u>	<u>RPD</u>	<u>METHOD</u>	<u>PREPARATION-</u>	<u>PREP</u>
		<u>RESULT</u>		<u>RPD</u>	<u>LIMIT</u>		<u>ANALYSIS DATE</u>	<u>BATCH #</u>
Percent Solids	81.9	87.8	%	7.0	(0-20)	SD Lot-Sample #: A3G090132-041 MCAWW 160.3 MOD	07/09-07/10/03	3190422

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: A3G090146 Work Order #....: FRX6E-SMP Matrix.....: SO

FRX6E-DUP


Date Sampled....: 07/08/03 13:00 Date Received...: 07/09/03

% Moisture.....: 26

<u>PARAM RESULT</u>	<u>DUPLICATE RESULT</u>	<u>UNITS</u>	<u>RPD</u>	<u>RPD LIMIT</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Percent Solids	73.9	%	0.041	(0-20)	SD Lot-Sample #: A3G090146-001 MCAWW 160.3 MOD	07/09-07/10/03	3190422

Dilution Factor: 1

CHAIN OF CUSTODY RECORD

 CONESTOGA-ROVERS & ASSOCIATES STOCKTON	SHIPPED TO (Laboratory Name): STL NORTH CANTON	REFERENCE NUMBER: 17366-30
--	---	-------------------------------

SAMPLER'S SIGNATURE: <i>Robert T. Siegfried</i>		PRINTED NAME: <i>Bob Siegfried</i>		No. of Containers	PARAMETERS				REMARKS
SEQ. No.	DATE	TIME	SAMPLE No.		SAMPLE TYPE	TPH GPO	TPH DRD	TCL VOL%	
	7/8/03	1300	BW-1	S	5	X	X	X	24 HR. TAT Call Kathy Shaw CRA Detroit for confirmations 734-453-5123
		1305	BE-2						
		1320	WW-3						
		1325	EW-4						
		1340	SW-5						
		1345	NW-6						

END

TOTAL NUMBER OF CONTAINERS	35	HEALTH/CHEMICAL HAZARDS
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RELINQUISHED BY: ① <i>Robert T. Siegfried</i>	DATE: 7/8/03 TIME: 1600	RECEIVED BY: ① _____	DATE: TIME:
RELINQUISHED BY: ② _____	DATE: TIME:	RECEIVED BY: ② _____	DATE: TIME:
RELINQUISHED BY: ③ _____	DATE: TIME:	RECEIVED BY: ③ _____	DATE: TIME:

METHOD OF SHIPMENT:	WAY BILL No.
---------------------	--------------

White - Fully Executed Copy Yellow - Receiving Laboratory Copy Pink - Shipper Copy Goldenrod - Sampler Copy	SAMPLE TEAM: _____ _____	RECEIVED FOR LABORATORY BY: <i>22 William</i> DATE: 7/8/03 TIME: 10:35 NO CRA 01098
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SEVERN
TRENT

STL

END OF REPORT

SEVERN
TRENT

STL

ANALYTICAL REPORT

PROJECT NO. 17366-30


SATURN OF PLEASANTON, CA

Lot #: A3G140165

Paul Wiseman

ENCORE Environmental Consultan
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

SEVERN TRENT LABORATORIES, INC.



Amy L. McCormick
Project Manager

July 24, 2003

Severn Trent Laboratories, Inc.
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STL North Canton

CASE NARRATIVE

A3G140165

The following report contains the analytical results for two solid samples submitted to STL North Canton by Encore Environmental Consultant from the Saturn of Pleasanton, CA Site, project number 17366-30. The samples were received July 14, 2003, according to documented sample acceptance procedures.

The samples presented in this report were analyzed for the parameters listed on the analytical methods summary page in accordance with the methods indicated. Preliminary results were provided to Jeni Quigley, Ben Holly, and the Chemistry Department on July 15, 2003. A summary of QC data for these analyses is included at the rear of the report.

SUPPLEMENTAL QC INFORMATION

GC/MS VOLATILES

EnCores were received after the recommended preparation holding time had expired.

Samples were preserved by freezing in water since they effervesced when preserved with sodium bisulfate.

Sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

Sample(s) that contain results between the MDL and the RL were flagged with "J". There is the 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.

GC SEMIVOLATILES

Sample(s) that contain results between the MDL and the RL were flagged with "J". There is the 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.

STL utilizes USEPA approved methods in all analytical work. The results included in this report have been reviewed for compliance with the laboratory QA/QC plan. All data have been found to be compliant with laboratory protocol.


Amy McCormick
Project Manager

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 reparation 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)

Methylene chloride
Acetone
2-Butanone

Semivolatile (GC/MS)

Phthalate Esters

Metals

Copper
Iron
Zinc
Lead*

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

QUALITY CONTROL ELEMENTS OF SW-846 METHODS (Continued)

- 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 reparation 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 repped and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be repped 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, PAH, and Herbicide methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria.

STL North Canton Certifications and Approvals:

Alabama (#41170), California (#2157), Connecticut (#PH-0590), Florida (#E87225),
Illinois (#100439), Kansas (#E10336), Kentucky (#90021), Massachusetts (#M-OH048),
Maryland (#272), Minnesota (#39-999-348), Missouri (#6090), New Jersey (#74001),
New York (#10975), North Dakota (#R-156), Ohio (#6090), OhioVAP (#CL0024),
Pennsylvania (#68-340), Rhode Island (#237), South Carolina (#92007001, #92007002, #92007003),
Tennessee (#02903), West Virginia (#210), Wisconsin (#999518190), NAVY, ARMY,
USDA Soil Permit, ACIL Seal of Excellence - Participating Lab Status Award (#82)



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ANALYTICAL METHODS SUMMARY

A3G140165

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
Extractable Petroleum Hydrocarbons	SW846 8015B
Total Residue as Percent Solids	MCAWW 160.3 MOD
Volatile Organics by GC/MS	SW846 8260B
Volatile Petroleum Hydrocarbons	SW846 8015B

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

A3G140165

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT</u>	<u>SAMPLE ID</u>	<u>SAMPLED</u> <u>DATE</u>	<u>SAMP</u> <u>TIME</u>
FR8J7	001	EW-7		07/11/03	12:30
FR8J8	002	NW-8		07/11/03	12:35

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.

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: EW-7

GC/MS Volatiles

Lot-Sample #....: A3G140165-001 Work Order #....: FR8J71AC Matrix.....: SO
 Date Sampled....: 07/11/03 12:30 Date Received...: 07/14/03
 Prep Date.....: 07/14/03 Analysis Date...: 07/14/03
 Prep Batch #....: 3195725
 Dilution Factor: 0.89
 % Moisture.....: 24 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	23	ug/kg
Benzene	ND	5.8	ug/kg
Bromodichloromethane	ND	5.8	ug/kg
Bromoform	ND	5.8	ug/kg
Bromomethane	ND	5.8	ug/kg
2-Butanone	ND	23	ug/kg
Carbon disulfide	ND	5.8	ug/kg
Carbon tetrachloride	ND	5.8	ug/kg
Chlorobenzene	ND	5.8	ug/kg
Dibromochloromethane	ND	5.8	ug/kg
1,2-Dibromo-3-chloro- propane	ND	12	ug/kg
Chloroethane	ND	5.8	ug/kg
Chloroform	ND	5.8	ug/kg
Chloromethane	ND	5.8	ug/kg
Cyclohexane	ND	12	ug/kg
1,2-Dibromoethane	ND	5.8	ug/kg
1,2-Dichlorobenzene	ND	5.8	ug/kg
1,3-Dichlorobenzene	ND	5.8	ug/kg
1,4-Dichlorobenzene	ND	5.8	ug/kg
Dichlorodifluoromethane	ND	5.8	ug/kg
1,1-Dichloroethane	ND	5.8	ug/kg
1,2-Dichloroethane	ND	5.8	ug/kg
1,1-Dichloroethene	ND	5.8	ug/kg
cis-1,2-Dichloroethene	120	2.9	ug/kg
trans-1,2-Dichloroethene	1.6 J	2.9	ug/kg
1,2-Dichloropropane	ND	5.8	ug/kg
cis-1,3-Dichloropropene	ND	5.8	ug/kg
trans-1,3-Dichloropropene	ND	5.8	ug/kg
Ethylbenzene	ND	5.8	ug/kg
Trichlorofluoromethane	ND	5.8	ug/kg
2-Hexanone	ND	23	ug/kg
Isopropylbenzene	ND	5.8	ug/kg
Methyl acetate	ND	12	ug/kg
Methylcyclohexane	ND	12	ug/kg
Methylene chloride	4.0 J,B	5.8	ug/kg
4-Methyl-2-pentanone	ND	23	ug/kg
Styrene	ND	5.8	ug/kg

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ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: EW-7

GC/MS Volatiles

Lot-Sample #...: A3G140165-001 Work Order #...: FR8J71AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg
Tetrachloroethene	17	5.8	ug/kg
Toluene	ND	5.8	ug/kg
1,2,4-Trichloro-benzene	ND	5.8	ug/kg
1,1,1-Trichloroethane	ND	5.8	ug/kg
1,1,2-Trichloroethane	ND	5.8	ug/kg
Trichloroethene	20	5.8	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.8	ug/kg
Vinyl chloride	ND	5.8	ug/kg
Xylenes (total)	ND	12	ug/kg
Methyl tert-butyl ether	ND	23	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(59 - 138)
1,2-Dichloroethane-d4	88	(61 - 130)
Toluene-d8	99	(60 - 143)
4-Bromofluorobenzene	104	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: EW-7

GC Volatiles

Lot-Sample #....: A3G140165-001 Work Order #....: FR8J71AE Matrix.....: SO
Date Sampled....: 07/11/03 12:30 Date Received...: 07/14/03
Prep Date.....: 07/14/03 Analysis Date...: 07/14/03
Prep Batch #....: 3196190
Dilution Factor: 1
% Moisture.....: 24 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>
TPH (as Gasoline)	ND	130	ug/kg
<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>	
Trifluorotoluene	86	(10 - 150)	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: EW-7

GC Semivolatiles

Lot-Sample #....: A3G140165-001 Work Order #....: FR8J71AD Matrix.....: SO
Date Sampled....: 07/11/03 12:30 Date Received...: 07/14/03
Prep Date.....: 07/14/03 Analysis Date...: 07/15/03
Prep Batch #....: 3195451
Dilution Factor: 1
% Moisture.....: 24 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>	
		<u>LIMIT</u>	<u>UNITS</u>
TPH (as Diesel)	ND	13	mg/kg
<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>	
	<u>RECOVERY</u>	<u>LIMITS</u>	
C9 (nonane)	21	(10 - 110)	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: EW-7

General Chemistry

Lot-Sample #....: A3G140165-001 Work Order #....: FR8J7 Matrix.....: SO
Date Sampled....: 07/11/03 12:30 Date Received...: 07/14/03
% Moisture.....: 24

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Percent Solids	76.2	10.0	%	MCAWW 160.3 MOD	07/14-07/15/03	3195554

Dilution Factor: 1

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: NW-8

GC/MS Volatiles

Lot-Sample #....: A3G140165-002 Work Order #....: FR8J81AC Matrix.....: SO
 Date Sampled...: 07/11/03 12:35 Date Received...: 07/14/03
 Prep Date.....: 07/14/03 Analysis Date...: 07/14/03
 Prep Batch #....: 3195725
 Dilution Factor: 0.96
 ‡ Moisture.....: 23 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	25	ug/kg
Benzene	ND	6.2	ug/kg
Bromodichloromethane	ND	6.2	ug/kg
Bromoform	ND	6.2	ug/kg
Bromomethane	ND	6.2	ug/kg
2-Butanone	ND	25	ug/kg
Carbon disulfide	0.41 J	6.2	ug/kg
Carbon tetrachloride	ND	6.2	ug/kg
Chlorobenzene	ND	6.2	ug/kg
Dibromochloromethane	ND	6.2	ug/kg
1,2-Dibromo-3-chloro- propane	ND	12	ug/kg
Chloroethane	ND	6.2	ug/kg
Chloroform	ND	6.2	ug/kg
Chloromethane	ND	6.2	ug/kg
Cyclohexane	ND	12	ug/kg
1,2-Dibromoethane	ND	6.2	ug/kg
1,2-Dichlorobenzene	ND	6.2	ug/kg
1,3-Dichlorobenzene	ND	6.2	ug/kg
1,4-Dichlorobenzene	ND	6.2	ug/kg
Dichlorodifluoromethane	ND	6.2	ug/kg
1,1-Dichloroethane	ND	6.2	ug/kg
1,2-Dichloroethane	ND	6.2	ug/kg
1,1-Dichloroethene	ND	6.2	ug/kg
cis-1,2-Dichloroethene	57	3.1	ug/kg
trans-1,2-Dichloroethene	2.1 J	3.1	ug/kg
1,2-Dichloropropane	ND	6.2	ug/kg
cis-1,3-Dichloropropene	ND	6.2	ug/kg
trans-1,3-Dichloropropene	ND	6.2	ug/kg
Ethylbenzene	ND	6.2	ug/kg
Trichlorofluoromethane	ND	6.2	ug/kg
2-Hexanone	ND	25	ug/kg
Isopropylbenzene	ND	6.2	ug/kg
Methyl acetate	ND	12	ug/kg
Methylcyclohexane	ND	12	ug/kg
Methylene chloride	4.2 J,B	6.2	ug/kg
4-Methyl-2-pentanone	ND	25	ug/kg
Styrene	ND	6.2	ug/kg

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ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: NW-8

GC/MS Volatiles

Lot-Sample #...: A3G140165-002 Work Order #...: FR8J81AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	6.2	ug/kg
Tetrachloroethene	71	6.2	ug/kg
Toluene	ND	6.2	ug/kg
1,2,4-Trichloro- benzene	ND	6.2	ug/kg
1,1,1-Trichloroethane	ND	6.2	ug/kg
1,1,2-Trichloroethane	ND	6.2	ug/kg
Trichloroethene	100	6.2	ug/kg
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	6.2	ug/kg
Vinyl chloride	ND	6.2	ug/kg
Xylenes (total)	ND	12	ug/kg
Methyl tert-butyl ether	ND	25	ug/kg

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Dibromofluoromethane	88	(59 - 138)
1,2-Dichloroethane-d4	81	(61 - 130)
Toluene-d8	92	(60 - 143)
4-BromoFluorobenzene	96	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: NW-8

GC Volatiles

Lot-Sample #...: A3G140165-002 Work Order #...: FR8J81AE Matrix.....: SO
Date Sampled...: 07/11/03 12:35 Date Received...: 07/14/03
Prep Date.....: 07/14/03 Analysis Date...: 07/14/03
Prep Batch #...: 3196190
Dilution Factor: 1
% Moisture.....: 23 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>
TPH (as Gasoline)	ND	130	ug/kg

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Trifluorotoluene	87	(10 - 150)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: NW-8

GC Semivolatiles

Lot-Sample #....: A3G140165-002 Work Order #....: FR8J81AD Matrix.....: SO
 Date Sampled....: 07/11/03 12:35 Date Received...: 07/14/03
 Prep Date.....: 07/14/03 Analysis Date...: 07/15/03
 Prep Batch #....: 3195451
 Dilution Factor: 1
 % Moisture.....: 23 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
TPH (as Diesel)	5.9 J	13	mg/kg
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	
C9 (nonane)	19	(10 - 110)	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENCORE ENVIRONMENTAL CONSULTANTS

Client Sample ID: NW-8

General Chemistry

Lot-Sample #...: A3G140165-002 Work Order #...: FR8J8 Matrix.....: SO
Date Sampled...: 07/11/03 12:35 Date Received...: 07/14/03
% Moisture.....: 23

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Percent Solids	77.0	10.0	%	MCAWW 160.3 MOD	07/14-07/15/03	3195554

Dilution Factor: 1

QUALITY CONTROL SECTION

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A3G140165
 MB Lot-Sample #: A3G140000-725

Work Order #...: FR9P01AA

Matrix.....: SOLID

Analysis Date...: 07/14/03
 Dilution Factor: 1

Prep Date.....: 07/14/03

Prep Batch #...: 3195725

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	2.5	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	2.5	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	10	ug/kg	SW846 8260B
Methylcyclohexane	ND	10	ug/kg	SW846 8260B
Methylene chloride	2.1 J	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A3G140165

Work Order #...: FR9P01AA

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	0.85 J	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Dibromofluoromethane	89	(59 - 138)
1,2-Dichloroethane-d4	83	(61 - 130)
Toluene-d8	91	(60 - 143)
4-Bromofluorobenzene	95	(47 - 158)

NOTE(S):

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: A3G140165
MB Lot-Sample #: A3G150000-190
Analysis Date...: 07/14/03
Dilution Factor: 1

Work Order #...: FR9XA1AA
Prep Date.....: 07/14/03
Prep Batch #...: 3196190

Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
TPH (as Gasoline)	ND	100	ug/kg	SW846 8015B
<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>		
Trifluorotoluene	77	(10 - 150)		

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #....: A3G140165
MB Lot-Sample #: A3G140000-451

Work Order #....: FR80K1AA

Matrix.....: SOLID

Analysis Date...: 07/15/03
Dilution Factor: 1

Prep Date.....: 07/14/03
Prep Batch #....: 3195451

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
TPH (as Diesel)	ND	10	mg/kg	SW846 8015B
<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>		
C9 (nonane)	24	(10 - 110)		

NOTE(S):

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

METHOD BLANK REPORT

General Chemistry

Client Lot #....: A3G140165

Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Percent Solids	ND	Work Order #: FR88K1AA 10.0	MB Lot-Sample #: ‡	A3G140000-554 MCAWW 160.3 MOD	A3G140000-554 07/14-07/15/03	3195554
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: A3G140165 Work Order #....: FR9P01AC-LCS Matrix.....: SOLID
 LCS Lot-Sample#: A3G140000-725 FR9P01AD-LCSD
 Prep Date.....: 07/14/03 Analysis Date...: 07/14/03
 Prep Batch #....: 3195725
 Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>RPD</u>	<u>METHOD</u>
Benzene	50	47	ug/kg	94		SW846 8260B
	50	46	ug/kg	93	1.2	SW846 8260B
Chlorobenzene	50	48	ug/kg	95		SW846 8260B
	50	45	ug/kg	91	4.7	SW846 8260B
1,1-Dichloroethene	50	46	ug/kg	93		SW846 8260B
	50	46	ug/kg	91	1.7	SW846 8260B
Toluene	50	48	ug/kg	97		SW846 8260B
	50	47	ug/kg	94	3.2	SW846 8260B
Trichloroethene	50	46	ug/kg	92		SW846 8260B
	50	46	ug/kg	92	0.54	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Dibromofluoromethane	98	(59 - 138)
	93	(59 - 138)
1,2-Dichloroethane-d4	94	(61 - 130)
	91	(61 - 130)
Toluene-d8	100	(60 - 143)
	95	(60 - 143)
4-Bromofluorobenzene	113	(47 - 158)
	106	(47 - 158)

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/MS Volatiles

Client Lot #...: A3G140165 Work Order #...: FR9P01AC-LCS Matrix.....: SOLID
 LCS Lot-Sample#: A3G140000-725 FR9P01AD-LCSD
 Prep Date.....: 07/14/03 Analysis Date...: 07/14/03
 Prep Batch #...: 3195725
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
Benzene	94	(75 - 129)			SW846 8260B
	93	(75 - 129)	1.2	(0-20)	SW846 8260B
Chlorobenzene	95	(75 - 127)			SW846 8260B
	91	(75 - 127)	4.7	(0-22)	SW846 8260B
1,1-Dichloroethene	93	(55 - 142)			SW846 8260B
	91	(55 - 142)	1.7	(0-27)	SW846 8260B
Toluene	97	(71 - 130)			SW846 8260B
	94	(71 - 130)	3.2	(0-24)	SW846 8260B
Trichloroethene	92	(70 - 131)			SW846 8260B
	92	(70 - 131)	0.54	(0-23)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Dibromofluoromethane	98	(59 - 138)
	93	(59 - 138)
1,2-Dichloroethane-d4	94	(61 - 130)
	91	(61 - 130)
Toluene-d8	100	(60 - 143)
	95	(60 - 143)
4-Bromofluorobenzene	113	(47 - 158)
	106	(47 - 158)

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 Volatiles

Client Lot #...: A3G140165 Work Order #...: FR9XALAC-LCS Matrix.....: SOLID
 LCS Lot-Sample#: A3G150000-190 FR9XALAD-LCSD
 Prep Date.....: 07/14/03 Analysis Date...: 07/14/03
 Prep Batch #...: 3196190
 Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE</u>	<u>MEASURED</u>	<u>UNITS</u>	<u>PERCENT</u>	<u>RPD</u>	<u>METHOD</u>
TPH (as Gasoline)	200	240	ug/kg	121		SW846 8015B
	200	230	ug/kg	117	3.6	SW846 8015B
<u>SURROGATE</u>				<u>PERCENT</u>		<u>RECOVERY</u>
Trifluorotoluene				<u>RECOVERY</u>		<u>LIMITS</u>
				100		(10 - 150)
				96		(10 - 150)

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 Volatiles

Client Lot #...: A3G140165 Work Order #...: FR9XA1AC-LCS Matrix.....: SOLID
 LCS Lot-Sample#: A3G150000-190 FR9XA1AD-LCSD
 Prep Date.....: 07/14/03 Analysis Date...: 07/14/03
 Prep Batch #...: 3196190
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
TPH (as Gasoline)	121	(74 - 133)			SW846 8015B
	117	(74 - 133)	3.6	(0-23)	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	100	(10 - 150)
	96	(10 - 150)

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 #....: A3G140165 Work Order #....: FR80K1AC-LCS Matrix.....: SOLID
 LCS Lot-Sample#: A3G140000-451 FR80K1AD-LCSD
 Prep Date.....: 07/14/03 Analysis Date...: 07/15/03
 Prep Batch #....: 3195451
 Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>RPD</u>	<u>METHOD</u>
TPH (as Diesel)	17	8.2	mg/kg	49		SW846 8015B
	17	8.8	mg/kg	53	7.3	SW846 8015B
<u>SURROGATE</u>				<u>PERCENT RECOVERY</u>		<u>RECOVERY LIMITS</u>
C9 (nonane)				25		(10 - 110)
				28		(10 - 110)

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 #....: A3G140165 Work Order #....: FR80K1AC-LCS Matrix.....: SOLID
 LCS Lot-Sample#: A3G140000-451 FR80K1AD-LCSD
 Prep Date.....: 07/14/03 Analysis Date...: 07/15/03
 Prep Batch #....: 3195451
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
TPH (as Diesel)	49	(37 - 153)			SW846 8015B
	53	(37 - 153)	7.3	(0-98)	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
C9 (nonane)	25	(10 - 110)
	28	(10 - 110)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: A3G140165

Work Order #....: FR65W-SMP
FR65W-DUP

Matrix.....: SOLID

Date Sampled....: 07/11/03 10:16 Date Received...: 07/12/03

% Moisture.....: 18

<u>PARAM RESULT</u>	<u>DUPLICATE RESULT</u>	<u>UNITS</u>	<u>RPD</u>	<u>RPD LIMIT</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Percent Solids	82.3	%	1.7	(0-20)	SD Lot-Sample #: A3G120103-011 MCAWW 160.3 MOD	07/14-07/15/03	3195554

Dilution Factor: 1

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES <u>STURKTON</u>	SHIPPED TO (Laboratory Name): <p style="font-size: 1.2em; text-align: center;"><i>STL NORTH CANTON</i></p>	REFERENCE NUMBER: <p style="font-size: 1.2em; text-align: center;"><i>17366-30</i></p>
---	--	--

SAMPLER'S SIGNATURE: <i>Rob T. [Signature]</i>		PRINTED NAME: <i>Bob Seegrid</i>		No. of Containers	PARAMETERS <i>TPH DRD TPH SRD TCL VBG</i>			REMARKS	
SEQ. No.	DATE	TIME	SAMPLE No.		SAMPLE TYPE				
	<i>7/11/03</i>	<i>1230</i>	<i>EW-7</i>	<i>SU</i>	<i>5</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>24 HOUR TURN</i>
	<i>↓</i>	<i>1235</i>	<i>NW-8</i>	<i>↓</i>	<i>5</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<div style="font-size: 4em; opacity: 0.5; transform: rotate(-15deg); pointer-events: none;"> <i>CONFIRMATION</i> </div>								<i>Call Kathy Shew CRA Detroit for Confirmation</i>	

TOTAL NUMBER OF CONTAINERS	<i>10</i>	HEALTH/CHEMICAL HAZARDS
----------------------------	-----------	-------------------------

RELINQUISHED BY: ① <i>Rob T. [Signature]</i>	DATE: <i>7/11/03</i> TIME: <i>1200</i>	RECEIVED BY: ① _____	DATE: TIME:
RELINQUISHED BY: ② _____	DATE: TIME:	RECEIVED BY: ② _____	DATE: TIME:
RELINQUISHED BY: ③ _____	DATE: TIME:	RECEIVED BY: ③ _____	DATE: TIME:

METHOD OF SHIPMENT:	WAY BILL No.
---------------------	--------------

White - Fully Executed Copy Yellow - Receiving Laboratory Copy Pink - Shipper Copy Goldenrod - Sampler Copy	SAMPLE TEAM: _____ _____	RECEIVED FOR LABORATORY BY: <i>Annistiles</i> NO CRA 01099 DATE: <i>7/14/03</i> TIME: <i>9:35</i>
--	--------------------------------	---

END OF REPORT



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. 17366-30

SATURN OF PLEASANTON

Lot #: A3I230250

Paul Wiseman

ENCORE Environmental Consultan
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

SEVERN TRENT LABORATORIES, INC.

Amy L. McCormick
Project Manager

September 30, 2003

CASE NARRATIVE

A3I230250

The following report contains the analytical results for seven solid samples submitted to STL by Encore Environmental Consultant from the Saturn of Pleasanton Site, project number 17366-30. The samples were received July 22, 2003, according to documented sample acceptance procedures.

Samples were analyzed at STL's San Francisco, California facility. A copy of their report has been provided.

Sample ID Cross Reference

CRA	STL-North Canton	STL-San Francisco
BW-9	A3I230250	2003-07-0670-1
BW-9B	A3I230250	2003-07-0670-2
BE-10	A3I230250	2003-07-0670-3
NW-11	A3I230250	2003-07-0670-4
WW-12	A3I230250	2003-07-0670-5
EW-13	A3I230250	2003-07-0670-6
SW-14	A3I230250	2003-07-0670-7



Amy McCormick
Project Manager

STL-North Canton

July 29, 2003

4101 Shuffel Drive NW
North Canton, OH 44720
Attn.: Amy McCormick
Project#: 17366-30
Project: Saturn of Pleasanton

Dear Amy

Attached is our report for your samples received on 07/22/2003 15:27
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

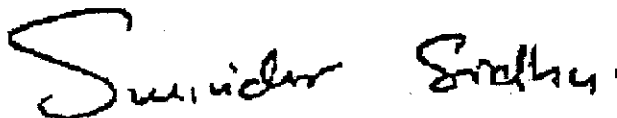
The report contains a Case Narrative detailing sample receipt and analysis.

Please note that any unused portion of the samples will be discarded after
09/05/2003 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,

You can also contact me via email. My email address is: ssidhu@stl-inc.com

Sincerely,



Surinder Sidhu
Project Manager

STL-North Canton

July 29, 2003

4101 Shuffel Drive NW
North Canton, OH 44720
Attn.: Amy McCormick
Project#: 17366-30
Project: Saturn of Pleasanton

Case Narrative

General and Sample Comments

We (STL San Francisco) received 7 Soil samples , on Tuesday, July 22, 2003 3:27 PM.

Analysis Comments and Flags by QC Batch

Volatile Organic Compounds by 8260B	Soil	QC Batch#: 2003/07/23-01.60
-------------------------------------	------	-----------------------------

SW-14 2003-07-0670-007

Analysis Flag(s)
is Internal standard out of range due to matrix interference.

SW-14 2003-07-0670-007

Compound Flag(s)
cv CCV recovery for 2-Chloroethylvinylether was below acceptance criteria. Result reported for this analyte is estimated.

SW-14 2003-07-0670-007

Compound Flag(s)
sh Surrogate recovery was higher than QC limit due to matrix interference.

Volatile Organic Compounds by 8260B (High Level)	Soil	QC Batch#: 2003/07/23-02.07
--	------	-----------------------------

BW-9B 2003-07-0670-002

Compound Flag(s)
sh Surrogate recovery was higher than QC limit due to matrix interference.

Volatile Organic Compounds by 8260B (Low Level)

STL-North Canton

Attn.: Amy McCormick

4101 Shuffel Drive NW

North Canton, OH 44720

Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30

Satum of Pleasanton

Received: 07/22/2003 15:27

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SW-14	07/22/2003 14:20	Soil	7

Severn Trent Laboratories, Inc.

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07/24/2003 12:08

Page 1 of 9

Volatile Organic Compounds by 8260B (Low Level)

STL-North Canton

Attn.: Amy McCormick

4101 Shuffel Drive NW

North Canton, OH 44720

Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30

Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s): 5035 Test(s): 8260B
 Sample ID: SW-14 Lab ID: 2003-07-0670 - 7
 Sampled: 07/22/2003 14:20 Extracted: 7/23/2003 13:43
 Matrix: Soil QC Batch#: 2003/07/23-01.80
 Analysis Flag: Is (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
Acetone	100	50	ug/Kg	1.00	07/23/2003 13:43	
Benzene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
Bromobenzene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
Bromochloromethane	ND	20	ug/Kg	1.00	07/23/2003 13:43	
Bromoform	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
Bromomethane	ND	10	ug/Kg	1.00	07/23/2003 13:43	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	07/23/2003 13:43	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
Carbon disulfide	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
Chlorobenzene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
Chloroethane	ND	10	ug/Kg	1.00	07/23/2003 13:43	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	07/23/2003 13:43	cv
Chloroform	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
Chloromethane	ND	10	ug/Kg	1.00	07/23/2003 13:43	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	07/23/2003 13:43	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	07/23/2003 13:43	

Severn Trent Laboratories, Inc.

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07/24/2003 12:06

Volatile Organic Compounds by 8260B (Low Level)

STL-North Canton

Attn.: Amy McCormick

4101 Shuffel Drive NW

North Canton, OH 44720

Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30

Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s): 5035 Test(s): 8260B
Sample ID: SW-14 Lab ID: 2003-07-0670 - 7
Sampled: 07/22/2003 14:20 Extracted: 7/23/2003 13:43
Matrix: Soil QC Batch#: 2003/07/23-01.60
Analysis Flag: is (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	07/23/2003 13:43	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	07/23/2003 13:43	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
cis-1,2-Dichloroethene	9.2	5.0	ug/Kg	1.00	07/23/2003 13:43	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
Ethylbenzene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
2-Hexanone	ND	50	ug/Kg	1.00	07/23/2003 13:43	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
p-isopropyltoluene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
Methylene chloride	ND	10	ug/Kg	1.00	07/23/2003 13:43	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	07/23/2003 13:43	
Naphthalene	ND	10	ug/Kg	1.00	07/23/2003 13:43	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
Styrene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
Tetrachloroethene	8.1	5.0	ug/Kg	1.00	07/23/2003 13:43	
Toluene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
Trichloroethane	15	5.0	ug/Kg	1.00	07/23/2003 13:43	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	

Severn Trent Laboratories, Inc.

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07/24/2003 12:08

Volatile Organic Compounds by 8260B (Low Level)

STL-North Canton

Attn.: Amy McCormick

4101 Shuffel Drive NW

North Canton, OH 44720

Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30

Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s): 5035 Test(s): 8260B
 Sample ID: SW-14 Lab ID: 2003-07-0670 - 7
 Sampled: 07/22/2003 14:20 Extracted: 7/23/2003 13:43
 Matrix: Soil QC Batch#: 2003/07/23-01.60
 Analysis Flag: is (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
Vinyl acetate	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
Vinyl chloride	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
Total xylenes	ND	5.0	ug/Kg	1.00	07/23/2003 13:43	
Surrogates(s)						
4-Bromofluorobenzene	132.0	74-121	%	1.00	07/23/2003 13:43	sh
1,2-Dichloroethane-d4	111.2	70-121	%	1.00	07/23/2003 13:43	
Toluene-d8	97.3	81-117	%	1.00	07/23/2003 13:43	

Volatile Organic Compounds by 8260B (Low Level)

STL-North Canton

Attn.: Amy McCormick

4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Batch QC Report

Prep(s): 5035
Method Blank
MB: 2003/07/23-01.60-017

Soil

Test(s): 8260B
QC Batch # 2003/07/23-01.60
Date Extracted: 07/23/2003 14:17

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	07/23/2003 14:17	
Acetone	ND	50	ug/Kg	07/23/2003 14:17	
Benzene	ND	5.0	ug/Kg	07/23/2003 14:17	
Bromodichloromethane	ND	5.0	ug/Kg	07/23/2003 14:17	
Bromobenzene	ND	5.0	ug/Kg	07/23/2003 14:17	
Bromochloromethane	ND	20	ug/Kg	07/23/2003 14:17	
Bromoform	ND	5.0	ug/Kg	07/23/2003 14:17	
Bromomethane	ND	10	ug/Kg	07/23/2003 14:17	
2-Butanone(MEK)	ND	50	ug/Kg	07/23/2003 14:17	
n-Butylbenzene	ND	5.0	ug/Kg	07/23/2003 14:17	
sec-Butylbenzene	ND	5.0	ug/Kg	07/23/2003 14:17	
tert-Butylbenzene	ND	5.0	ug/Kg	07/23/2003 14:17	
Carbon disulfide	ND	5.0	ug/Kg	07/23/2003 14:17	
Carbon tetrachloride	ND	5.0	ug/Kg	07/23/2003 14:17	
Chlorobenzene	ND	5.0	ug/Kg	07/23/2003 14:17	
Chloroethane	ND	10	ug/Kg	07/23/2003 14:17	
2-Chloroethylvinyl ether	ND	50	ug/Kg	07/23/2003 14:17	
Chloroform	ND	5.0	ug/Kg	07/23/2003 14:17	
Chloromethane	ND	10	ug/Kg	07/23/2003 14:17	
2-Chlorotoluene	ND	5.0	ug/Kg	07/23/2003 14:17	
4-Chlorotoluene	ND	5.0	ug/Kg	07/23/2003 14:17	
Dibromochloromethane	ND	5.0	ug/Kg	07/23/2003 14:17	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	07/23/2003 14:17	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	07/23/2003 14:17	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	07/23/2003 14:17	
1,3-Dichloropropane	ND	5.0	ug/Kg	07/23/2003 14:17	
2,2-Dichloropropane	ND	5.0	ug/Kg	07/23/2003 14:17	
1,1-Dichloropropene	ND	5.0	ug/Kg	07/23/2003 14:17	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	07/23/2003 14:17	
1,2-Dibromoethane	ND	10	ug/Kg	07/23/2003 14:17	

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07/24/2003 12:06

Volatile Organic Compounds by 8260B (Low Level)

STL-North Canton
Attn: Amy McCormick

4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Batch QC Report

Prep(s): 5035
Method Blank
MB: 2003/07/23-01.60-017

Soil

Test(s): 8260B
QC Batch # 2003/07/23-01.60
Date Extracted: 07/23/2003 14:17

Compound	Conc.	RL	Unit	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	07/23/2003 14:17	
Dichlorodifluoromethane	ND	10	ug/Kg	07/23/2003 14:17	
1,1-Dichloroethane	ND	5.0	ug/Kg	07/23/2003 14:17	
1,2-Dichloroethane	ND	5.0	ug/Kg	07/23/2003 14:17	
1,1-Dichloroethene	ND	5.0	ug/Kg	07/23/2003 14:17	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	07/23/2003 14:17	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	07/23/2003 14:17	
1,2-Dichloropropane	ND	5.0	ug/Kg	07/23/2003 14:17	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	07/23/2003 14:17	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	07/23/2003 14:17	
Ethylbenzene	ND	5.0	ug/Kg	07/23/2003 14:17	
Hexachlorobutadiene	ND	5.0	ug/Kg	07/23/2003 14:17	
2-Hexanone	ND	50	ug/Kg	07/23/2003 14:17	
Isopropylbenzene	ND	5.0	ug/Kg	07/23/2003 14:17	
p-Isopropyltoluene	ND	5.0	ug/Kg	07/23/2003 14:17	
Methylene chloride	ND	10	ug/Kg	07/23/2003 14:17	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	07/23/2003 14:17	
Naphthalene	ND	10	ug/Kg	07/23/2003 14:17	
n-Propylbenzene	ND	5.0	ug/Kg	07/23/2003 14:17	
Styrene	ND	5.0	ug/Kg	07/23/2003 14:17	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	07/23/2003 14:17	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	07/23/2003 14:17	
Tetrachloroethene	ND	5.0	ug/Kg	07/23/2003 14:17	
Toluene	ND	5.0	ug/Kg	07/23/2003 14:17	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	07/23/2003 14:17	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	07/23/2003 14:17	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	07/23/2003 14:17	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	07/23/2003 14:17	
Trichloroethene	ND	5.0	ug/Kg	07/23/2003 14:17	
Trichlorofluoromethane	ND	5.0	ug/Kg	07/23/2003 14:17	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	07/23/2003 14:17	

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STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1098 * www.stl-inc.com * CA DHS ELAP# 2496

07/24/2003 12:05

Volatile Organic Compounds by 8260B (Low Level)

STL-North Canton
Attn.: Amy McCormick

4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 968-9787 Fax: (330) 497-0772

Project: 17366-30
Seturn of Pleasanton

Received: 07/22/2003 15:27

Batch QC Report

Prep(s): 5035
Method Blank
MB: 2003/07/23-01.60-017

Soil

Test(s): 8260B
QC Batch # 2003/07/23-01.60
Date Extracted: 07/23/2003 14:17

Compound	Conc.	RL	Unit	Analyzed	Flag
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	07/23/2003 14:17	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	07/23/2003 14:17	
Vinyl acetate	ND	50	ug/Kg	07/23/2003 14:17	
Vinyl chloride	ND	5.0	ug/Kg	07/23/2003 14:17	
Total xylenes	ND	5.0	ug/Kg	07/23/2003 14:17	
Surrogates(s)					
4-Bromofluorobenzene	93.0	74-121	%	07/23/2003 14:17	
1,2-Dichloroethane-d4	98.1	70-121	%	07/23/2003 14:17	
Toluene-d8	102.7	81-117	%	07/23/2003 14:17	

Volatile Organic Compounds by 8260B (Low Level)

STL-North Canton
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Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Batch QC Report

Prep(s): 5035

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2003/07/23-01.60

LCS 2003/07/23-01.60-027

Extracted: 07/23/2003

Analyzed: 07/23/2003 11:27

LCSD 2003/07/23-01.60-001

Extracted: 07/23/2003

Analyzed: 07/23/2003 12:01

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	102	104	100.0	102.0	104.0	1.9	69-129	20		
Chlorobenzene	118	118	100.0	118.0	118.0	0.0	61-121	20		
1,1-Dichloroethene	85.7	83.9	100.0	85.7	83.9	2.1	65-125	20		
Toluene	106	109	100.0	106.0	109.0	2.8	70-130	20		
Trichloroethene	92.3	97.6	100.0	92.3	97.6	5.6	74-134	20		
<i>Surrogates(s)</i>										
4-Bromofluorobenzene	488	482	500	97.6	96.4		74-121			
1,2-Dichloroethane-d4	536	483	500	107.2	96.6		70-121			
Toluene-d8	489	498	500	97.8	99.6		81-117			

Volatile Organic Compounds by 8260B (Low Level)

STL-North Canton
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Saturn of Pleasanton

Received: 07/22/2003 15:27

Legend and Notes

Analysis Flag

is

Internal standard out of range due to matrix interference.

Result Flag

cv

CCV recovery for 2-Chloroethylvinylether was below acceptance criteria. Result reported for this analyte is estimated.

sh

Surrogate recovery was higher than QC limit due to matrix interference.

Oil & Grease (Total) by EPA 1664

STL-North Canton
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Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BW-9	07/22/2003 12:10	Soil	1
BE-10	07/22/2003 12:55	Soil	3
NW-11	07/22/2003 13:50	Soil	4
WW-12	07/22/2003 14:00	Soil	5
EW-13	07/22/2003 14:05	Soil	6
SW-14	07/22/2003 14:20	Soil	7

Oil & Grease (Total) by EPA 1664

STL-North Canton
Attn.: Amy McCormick4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772Project: 17386-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s):	1664	Test(s):	1664
Sample ID:	BW-9	Lab ID:	2003-07-0670 - 1
Sampled:	07/22/2003 12:10	Extracted:	7/23/2003 00:00
Matrix:	Soil	QC Batch#:	2003/07/23-02.23

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Oil & Grease (total)	ND	50	mg/Kg	1.00	07/23/2003	

Oil & Grease (Total) by EPA 1664

STL-North Canton

Attn.: Amy McCormick

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Project: 17386-30
Saturn of Pleasanton

Received: 07/22/2003 16:27

Prep(s): 1664	Test(s): 1664
Sample ID: BE-10	Lab ID: 2003-07-0670 - 3
Sampled: 07/22/2003 12:55	Extracted: 7/23/2003 00:00
Matrix: Soil	QC Batch#: 2003/07/23-02:23

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Oil & Grease (total)	ND	50	mg/Kg	1.00	07/23/2003	

Oil & Grease (Total) by EPA 1664

STL-North Canton
Attn.: Amy McCormick

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Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s): 1664	Test(s): 1664
Sample ID: NW-11	Lab ID: 2003-07-0670 - 4
Sampled: 07/22/2003 13:50	Extracted: 7/23/2003 00:00
Matrix: Soil	QC Batch#: 2003/07/23-02.23

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Oil & Grease (total)	ND	50	mg/Kg	1.00	07/23/2003	

Oil & Grease (Total) by EPA 1664STL-North Canton
Attn.: Amy McCormick4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s): 1664	Test(s): 1664
Sample ID: WW-12	Lab ID: 2003-07-0670 - 6
Sampled: 07/22/2003 14:00	Extracted: 7/23/2003 00:00
Matrix: Soil	QC Batch#: 2003/07/23-02.23

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Oil & Grease (total)	ND	50	mg/Kg	1.00	07/23/2003	

Oil & Grease (Total) by EPA 1664

STL-North Canton

Attn.: Amy McCormick

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Project: 17366-30

Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s): 1664 Test(s): 1664
Sample ID: EW-13 Lab ID: 2003-07-0670 - 8
Sampled: 07/22/2003 14:05 Extracted: 7/23/2003 00:00
Matrix: Soil QC Batch#: 2003/07/23-02.23

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Oil & Grease (total)	ND	50	mg/Kg	1.00	07/23/2003	

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Oil & Grease (Total) by EPA 1664STL-North Canton
Attn.: Amy McCormick4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772Project: 17386-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s): 1664	Test(s): 1664
Sample ID: SW-14	Lab ID: 2003-07-0670 - 7
Sampled: 07/22/2003 14:20	Extracted: 7/23/2003 00:00
Matrix: Soil	QC Batch#: 2003/07/23-02.23

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Oil & Grease (total)	ND	50	mg/Kg	1.00	07/23/2003	

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Oil & Grease (Total) by EPA 1664

STL-North Canton
Attn.: Amy McCormick

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Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Batch QC Report

Prep(s): 1664
Method Blank
MB: 2003/07/23-02.23-001

Soil

Test(s): 1664
QC Batch # 2003/07/23-02.23
Date Extracted: 07/23/2003

Compound	Conc.	RL	Unit	Analyzed	Flag
Oil & Grease (total)	ND	50	mg/Kg	07/23/2003	

Oil & Grease (Total) by EPA 1664

STL-North Canton

Attn.: Amy McCormick

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North Canton, OH 44720

Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30

Satum of Pleasanton

Received: 07/22/2003 15:27

Batch QC Report

Prep(s): 1664

Test(s): 1664

Laboratory Control Spike

Soil

QC Batch # 2003/07/23-02.23

LCS 2003/07/23-02.23-002

Extracted: 07/23/2003

Analyzed: 07/23/2003

LCSD 2003/07/23-02.23-003

Extracted: 07/23/2003

Analyzed: 07/23/2003

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Oil & Grease (total)	786	692	800	98.3	86.5	12.8	79-114	20		

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07/24/2003 12:07

Page 9 of 10

Oil & Grease (Total) by EPA 1664

STL-North Canton
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Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Batch QC Report

Prep(s): 1664

Test(s): 1664

Matrix Spike (MS / MSD)

Soil

QC Batch # 2003/07/23-02.23

BW-9 >> MS

Lab ID: 2003-07-0670 - 001

MS: 2003/07/23-02.23-004

Extracted: 07/23/2003

Analyzed: 07/23/2003

Dilution: 1.00

MSD: 2003/07/23-02.23-005

Extracted: 07/23/2003

Analyzed: 07/23/2003

Dilution: 1.00

Compound	Conc. mg/Kg			Spk. Level mg/Kg	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Oil & Grease (total)	727	774	ND	800	91.0	98.8	6.2	79-114	20		

Volatile Organic Compounds by 8260B (High Level)

STL-North Canton

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Project: 17366-30

Saturn of Pleasanton

Received: 07/22/2003 15:27

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BW-9B	07/22/2003 12:30	Soil	2

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07/25/2003 13:23

Volatile Organic Compounds by 8260B (High Level)

STL-North Canton

Attn.: Amy McCormick

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North Canton, OH 44720

Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30

Received: 07/22/2003 15:27

Saturn of Pleasanton

Prep(s):	5035	Test(s):	8260B
Sample ID:	BW-9B	Lab ID:	2003-07-0670 - 2
Sampled:	07/22/2003 12:30	Extracted:	7/24/2003 16:19
Matrix:	Soil	QC Batch#:	2003/07/23-02.07

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
trans-1,3-Dichloropropene	ND	250	ug/Kg	1.00	07/24/2003 16:19	
Ethylbenzene	ND	250	ug/Kg	1.00	07/24/2003 16:19	
Hexachlorobutadiene	ND	250	ug/Kg	1.00	07/24/2003 16:19	
2-Hexanone	ND	25000	ug/Kg	1.00	07/24/2003 16:19	
Methylene chloride	ND	2500	ug/Kg	1.00	07/24/2003 16:19	
4-Methyl-2-pentanone (MIBK)	ND	25000	ug/Kg	1.00	07/24/2003 16:19	
Naphthalene	ND	250	ug/Kg	1.00	07/24/2003 16:19	
Styrene	ND	250	ug/Kg	1.00	07/24/2003 16:19	
1,1,2,2-Tetrachloroethane	ND	250	ug/Kg	1.00	07/24/2003 16:19	
Tetrachloroethene	ND	250	ug/Kg	1.00	07/24/2003 16:19	
Toluene	ND	250	ug/Kg	1.00	07/24/2003 16:19	
1,1,1-Trichloroethane	ND	250	ug/Kg	1.00	07/24/2003 16:19	
1,1,2-Trichloroethane	ND	250	ug/Kg	1.00	07/24/2003 16:19	
Trichloroethene	ND	250	ug/Kg	1.00	07/24/2003 16:19	
1,1,1,2-Tetrachloroethane	ND	250	ug/Kg	1.00	07/24/2003 16:19	
Vinyl acetate	ND	2500	ug/Kg	1.00	07/24/2003 16:19	
Vinyl chloride	ND	250	ug/Kg	1.00	07/24/2003 16:19	
Total xylenes	ND	500	ug/Kg	1.00	07/24/2003 16:19	
Trichlorotrifluoroethane	ND	250	ug/Kg	1.00	07/24/2003 16:19	
Carbon disulfide	ND	500	ug/Kg	1.00	07/24/2003 16:19	
Isopropylbenzene	ND	250	ug/Kg	1.00	07/24/2003 16:19	
Bromobenzene	ND	250	ug/Kg	1.00	07/24/2003 16:19	
Bromochloromethane	ND	250	ug/Kg	1.00	07/24/2003 16:19	
Trichlorofluoromethane	ND	1000	ug/Kg	1.00	07/24/2003 16:19	
1,2,3-Trichlorobenzene	ND	250	ug/Kg	1.00	07/24/2003 16:19	
1,2,4-Trichlorobenzene	ND	250	ug/Kg	1.00	07/24/2003 16:19	
1,2,4-Trimethylbenzene	ND	250	ug/Kg	1.00	07/24/2003 16:19	
1,3,5-Trimethylbenzene	ND	250	ug/Kg	1.00	07/24/2003 16:19	
2-Chlorotoluene	ND	250	ug/Kg	1.00	07/24/2003 16:19	
4-Chlorotoluene	ND	250	ug/Kg	1.00	07/24/2003 16:19	
n-Butylbenzene	ND	250	ug/Kg	1.00	07/24/2003 16:19	

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07/25/2003 13:23

Volatile Organic Compounds by 8260B (High Level)

STL-North Canton

Attn.: Amy McCormick

4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Batch QC Report

Prep(s): 5035
Method Blank
MB: 2003/07/23-02.07-008

Soil

Test(s): 8260B
QC Batch # 2003/07/23-02.07
Date Extracted: 07/23/2003 13:56

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	2500	ug/Kg	07/23/2003 13:56	
Acetone	ND	25000	ug/Kg	07/23/2003 13:56	
Benzene	ND	250	ug/Kg	07/23/2003 13:56	
Bromodichloromethane	ND	250	ug/Kg	07/23/2003 13:56	
Bromoform	ND	250	ug/Kg	07/23/2003 13:56	
Bromomethane	ND	500	ug/Kg	07/23/2003 13:56	
Carbon tetrachloride	ND	250	ug/Kg	07/23/2003 13:56	
Chlorobenzene	ND	250	ug/Kg	07/23/2003 13:56	
Chloroethane	ND	500	ug/Kg	07/23/2003 13:56	
2-Butanone(MEK)	ND	25000	ug/Kg	07/23/2003 13:56	
2-Chloroethylvinyl ether	ND	250	ug/Kg	07/23/2003 13:56	
Chloroform	ND	250	ug/Kg	07/23/2003 13:56	
Chloromethane	ND	500	ug/Kg	07/23/2003 13:56	
Dibromochloromethane	ND	250	ug/Kg	07/23/2003 13:56	
1,2-Dichlorobenzene	ND	250	ug/Kg	07/23/2003 13:56	
1,3-Dichlorobenzene	ND	250	ug/Kg	07/23/2003 13:56	
1,4-Dichlorobenzene	ND	250	ug/Kg	07/23/2003 13:56	
1,3-Dichloropropane	ND	250	ug/Kg	07/23/2003 13:56	
2,2-Dichloropropane	ND	250	ug/Kg	07/23/2003 13:56	
1,1-Dichloropropene	ND	250	ug/Kg	07/23/2003 13:56	
1,2-Dibromo-3-chloropropane	ND	2500	ug/Kg	07/23/2003 13:56	
1,2-Dibromoethane	ND	250	ug/Kg	07/23/2003 13:56	
Dibromomethane	ND	250	ug/Kg	07/23/2003 13:56	
Dichlorodifluoromethane	ND	250	ug/Kg	07/23/2003 13:56	
1,1-Dichloroethane	ND	250	ug/Kg	07/23/2003 13:56	
1,2-Dichloroethane	ND	250	ug/Kg	07/23/2003 13:56	
1,1-Dichloroethene	ND	250	ug/Kg	07/23/2003 13:56	
cis-1,2-Dichloroethene	ND	250	ug/Kg	07/23/2003 13:56	
trans-1,2-Dichloroethene	ND	250	ug/Kg	07/23/2003 13:56	
1,2-Dichloropropane	ND	250	ug/Kg	07/23/2003 13:56	

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07/25/2003 13:23

Volatile Organic Compounds by 8260B (High Level)

STL-North Canton
Attn.: Amy McCormick

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North Canton, OH 44720
Phone: (330) 966-8787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Batch QC Report

Prep(s): 5035
Method Blank
MB: 2003/07/23-02.07-008

Soil

Test(s): 8260B
QC Batch # 2003/07/23-02.07
Date Extracted: 07/23/2003 13:56

Compound	Conc.	RL	Unit	Analyzed	Flag
cis-1,3-Dichloropropene	ND	250	ug/Kg	07/23/2003 13:56	
trans-1,3-Dichloropropene	ND	250	ug/Kg	07/23/2003 13:56	
Ethylbenzene	ND	250	ug/Kg	07/23/2003 13:56	
Hexachlorobutadiene	ND	250	ug/Kg	07/23/2003 13:56	
2-Hexanone	ND	25000	ug/Kg	07/23/2003 13:56	
Methylene chloride	ND	2500	ug/Kg	07/23/2003 13:56	
4-Methyl-2-pentanone (MIBK)	ND	25000	ug/Kg	07/23/2003 13:56	
Naphthalene	ND	250	ug/Kg	07/23/2003 13:56	
Styrene	ND	250	ug/Kg	07/23/2003 13:56	
1,1,2,2-Tetrachloroethane	ND	250	ug/Kg	07/23/2003 13:56	
Tetrachloroethene	ND	250	ug/Kg	07/23/2003 13:56	
Toluene	ND	250	ug/Kg	07/23/2003 13:56	
1,1,1-Trichloroethane	ND	250	ug/Kg	07/23/2003 13:56	
1,1,2-Trichloroethane	ND	250	ug/Kg	07/23/2003 13:56	
Trichloroethene	ND	250	ug/Kg	07/23/2003 13:56	
1,1,1,2-Tetrachloroethane	ND	250	ug/Kg	07/23/2003 13:56	
Vinyl acetate	ND	2500	ug/Kg	07/23/2003 13:56	
Vinyl chloride	ND	250	ug/Kg	07/23/2003 13:56	
Total xylenes	ND	500	ug/Kg	07/23/2003 13:56	
Trichlorotrifluoroethane	ND	250	ug/Kg	07/23/2003 13:56	
Carbon disulfide	ND	500	ug/Kg	07/23/2003 13:56	
Isopropylbenzene	ND	250	ug/Kg	07/23/2003 13:56	
Bromobenzene	ND	250	ug/Kg	07/23/2003 13:56	
Bromochloromethane	ND	250	ug/Kg	07/23/2003 13:56	
Trichlorofluoromethane	ND	1000	ug/Kg	07/23/2003 13:56	
1,2,3-Trichlorobenzene	ND	250	ug/Kg	07/23/2003 13:56	
1,2,4-Trichlorobenzene	ND	250	ug/Kg	07/23/2003 13:56	
1,2,4-Trimethylbenzene	ND	250	ug/Kg	07/23/2003 13:56	
1,3,5-Trimethylbenzene	ND	250	ug/Kg	07/23/2003 13:56	
2-Chlorotoluene	ND	250	ug/Kg	07/23/2003 13:56	
4-Chlorotoluene	ND	250	ug/Kg	07/23/2003 13:56	

Volatile Organic Compounds by 8260B (High Level)

STL-North Canton

Attn.: Amy McCormick

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Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Batch QC Report

Prep(s): 5035
Method Blank
MB: 2003/07/23-02.07-008

Soil

Test(s): 8260B
QC Batch # 2003/07/23-02.07
Date Extracted: 07/23/2003 13:56

Compound	Conc.	RL	Unit	Analyzed	Flag
n-Butylbenzene	ND	250	ug/Kg	07/23/2003 13:56	
n-Propylbenzene	ND	250	ug/Kg	07/23/2003 13:56	
p-Isopropyltoluene	ND	250	ug/Kg	07/23/2003 13:56	
sec-Butylbenzene	ND	250	ug/Kg	07/23/2003 13:56	
tert-Butylbenzene	ND	250	ug/Kg	07/23/2003 13:56	
Surrogates(s)					
4-Bromofluorobenzene	84.3	74-121	%	07/23/2003 13:56	
1,2-Dichloroethane-d4	84.6	70-121	%	07/23/2003 13:56	
Toluene-d8	91.3	81-117	%	07/23/2003 13:56	

Volatile Organic Compounds by 8260B (High Level)

STL-North Canton
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Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Batch QC Report

Prep(s): 8035

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2003/07/23-02.07

LCS 2003/07/23-02.07-007
LCSD 2003/07/23-02.07-006

Extracted: 07/23/2003
Extracted: 07/23/2003

Analyzed: 07/23/2003 13:31
Analyzed: 07/23/2003 13:06

Compound	Conc. ug/Kg		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %			Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS	LCSD
Benzene	10400	10000	10000	104.0	100.0	3.9	69-129	20			
Chlorobenzene	10800	10500	10000	108.0	105.0	2.8	61-121	20			
1,1-Dichloroethene	12300	11800	10000	123.0	118.0	4.1	65-125	20			
Toluene	10800	10200	10000	108.0	102.0	5.7	70-130	20			
Trichloroethene	10300	10100	10000	103.0	101.0	2.0	74-134	20			
Surrogates(s)											
4-Bromofluorobenzene	255	270	250	102.0	108.0		74-121				
1,2-Dichloroethane-d4	254	267	250	101.6	106.8		70-121				
Toluene-d8	290	292	250	116.0	116.8		81-117				

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07/25/2003 13:23

Volatile Organic Compounds by 8260B (High Level)

STL-North Canton

Attn: Amy McCormick

4101 Shuffel Drive NW

North Canton, OH 44720

Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17386-30

Saturn of Pleasanton

Received: 07/22/2003 15:27

Legend and Notes

Result Flag

sh

Surrogate recovery was higher than QC limit due to matrix interference.

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton
Attn: Amy McCormick

4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BW-9	07/22/2003 12:10	Soil	1
BE-10	07/22/2003 12:55	Soil	3
NW-11	07/22/2003 13:50	Soil	4
WW-12	07/22/2003 14:00	Soil	5
EW-13	07/22/2003 14:06	Soil	6
SW-14	07/22/2003 14:20	Soil	7

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07/24/2003 12:05

Page 1 of 23

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton

Attn.: Amy McCormick

4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	BW-9	Lab ID:	2003-07-0670 - 1
Sampled:	07/22/2003 12:10	Extracted:	7/22/2003 14:22
Matrix:	Soil	QC Batch#:	2003/07/22-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
Bis(2-chloroethyl) ether	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
2-Chlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
1,3-Dichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
1,4-Dichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
Benzyl alcohol	ND	0.17	mg/Kg	1.00	07/23/2003 11:25	
1,2-Dichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
2-Methylphenol	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
Bis(2-chloroisopropyl) ether	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
4-Methylphenol	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
N-Nitroso-di-n-propylamine	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
Hexachloroethane	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
Nitrobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
Isophorone	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
2-Nitrophenol	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
2,4-Dimethylphenol	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
Bis(2-chloroethoxy) methane	ND	0.17	mg/Kg	1.00	07/23/2003 11:25	
2,4-Dichlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
1,2,4-Trichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
Naphthalene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
4-Chloroaniline	ND	0.33	mg/Kg	1.00	07/23/2003 11:25	
Hexachlorobutadiene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
4-Chloro-3-methylphenol	ND	0.17	mg/Kg	1.00	07/23/2003 11:25	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
Hexachlorocyclopentadiene	ND	0.17	mg/Kg	1.00	07/23/2003 11:25	
2,4,6-Trichlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
2,4,5-Trichlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
2-Chloronaphthalene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
2-Nitroaniline	ND	0.33	mg/Kg	1.00	07/23/2003 11:25	
Dimethyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 11:25	
Acenaphthylene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	

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07/24/2003 12:05

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton

Attn.: Amy McCormick

 4101 Shuffel Drive NW
 North Canton, OH 44720
 Phone: (330) 966-9787 Fax: (330) 497-0772

 Project: 17366-30
 Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s):	3650B/8270C	Test(s):	8270C
Sample ID:	BW-8	Lab ID:	2003-07-0870 - 1
Sampled:	07/22/2003 12:10	Extracted:	7/22/2003 14:22
Matrix:	Soil	QC Batch#:	2003/07/22-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
3-Nitroaniline	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
Acenaphthene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
2,4-Dinitrophenol	ND	0.33	mg/Kg	1.00	07/23/2003 11:25	
4-Nitrophenol	ND	0.33	mg/Kg	1.00	07/23/2003 11:25	
Dibenzofuran	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
2,4-Dinitrotoluene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
2,6-Dinitrotoluene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
Diethyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 11:25	
4-Chlorophenyl phenyl ether	ND	0.17	mg/Kg	1.00	07/23/2003 11:25	
Fluorene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
4-Nitroaniline	ND	0.33	mg/Kg	1.00	07/23/2003 11:25	
2-Methyl-4,6-dinitrophenol	ND	0.33	mg/Kg	1.00	07/23/2003 11:25	
N-Nitrosodiphenylamine	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
4-Bromophenyl phenyl ether	ND	0.17	mg/Kg	1.00	07/23/2003 11:25	
Hexachlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
Pentachlorophenol	ND	0.33	mg/Kg	1.00	07/23/2003 11:25	
Phenanthrene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
Anthracene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
Di-n-butyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 11:25	
Fluoranthene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
Pyrene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
Butyl benzyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 11:25	
3,3-Dichlorobenzidine	ND	0.17	mg/Kg	1.00	07/23/2003 11:25	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
bis(2-Ethylhexyl) phthalate	ND	0.33	mg/Kg	1.00	07/23/2003 11:25	
Chrysene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
Di-n-octyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 11:25	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	

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07/24/2003 12:05

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton
Attn.: Amy McCormick

4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	BW-9	Lab ID:	2003-07-0670 - 1
Sampled:	07/22/2003 12:10	Extracted:	7/22/2003 14:22
Matrix:	Soil	QC Batch#:	2003/07/22-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	07/23/2003 11:25	
Benzoic acid	ND	0.33	mg/Kg	1.00	07/23/2003 11:25	
Surrogates(s)						
Nitrobenzene-d5	56.8	23-120	%	1.00	07/23/2003 11:25	
2-Fluorobiphenyl	63.6	30-115	%	1.00	07/23/2003 11:25	
p-Terphenyl-d14	83.9	18-137	%	1.00	07/23/2003 11:25	
2-Fluorophenol	81.3	25-121	%	1.00	07/23/2003 11:25	
Phenol-d6	84.8	24-113	%	1.00	07/23/2003 11:25	
2,4,6-Tribromophenol	88.1	19-122	%	1.00	07/23/2003 11:25	

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton

Attn.: Amy McCormick

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North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17388-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s): 3550B/8270C Test(s): 8270C
Sample ID: BE-10 Lab ID: 2003-07-0670 - 3
Sampled: 07/22/2003 12:55 Extracted: 7/22/2003 14:22
Matrix: Soil QC Batch#: 2003/07/22-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
Bis(2-chloroethyl)ether	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
2-Chlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
1,3-Dichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
1,4-Dichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
Benzyl alcohol	ND	0.17	mg/Kg	1.00	07/23/2003 11:54	
1,2-Dichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
2-Methylphenol	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
Bis(2-chloroisopropyl) ether	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
4-Methylphenol	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
N-Nitroso-di-n-propylamine	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
Hexachloroethane	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
Nitrobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
Isophorone	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
2-Nitrophenol	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
2,4-Dimethylphenol	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
Bis(2-chloroethoxy) methane	ND	0.17	mg/Kg	1.00	07/23/2003 11:54	
2,4-Dichlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
1,2,4-Trichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
Naphthalene	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
4-Chloroaniline	ND	0.33	mg/Kg	1.00	07/23/2003 11:54	
Hexachlorobutadiene	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
4-Chloro-3-methylphenol	ND	0.17	mg/Kg	1.00	07/23/2003 11:54	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
Hexachlorocyclopentadiene	ND	0.17	mg/Kg	1.00	07/23/2003 11:54	
2,4,6-Trichlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
2,4,5-Trichlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
2-Chloronaphthalene	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
2-Nitroaniline	ND	0.33	mg/Kg	1.00	07/23/2003 11:54	
Dimethyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 11:54	
Acenaphthylene	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	

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Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

07/24/2003 12:05

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton

Attn.: Amy McCormick

4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s): 3550B/8270C Test(s): 8270C
Sample ID: BE-10 Lab ID: 2003-07-0670 - 3
Sampled: 07/22/2003 12:55 Extracted: 7/22/2003 14:22
Matrix: Soil QC Batch#: 2003/07/22-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
3-Nitroaniline	ND	0.087	mg/Kg	1.00	07/23/2003 11:54	
Acenaphthene	ND	0.087	mg/Kg	1.00	07/23/2003 11:54	
2,4-Dinitrophenol	ND	0.33	mg/Kg	1.00	07/23/2003 11:54	
4-Nitrophenol	ND	0.33	mg/Kg	1.00	07/23/2003 11:54	
Dibenzofuran	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
2,4-Dinitrotoluene	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
2,6-Dinitrotoluene	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
Diethyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 11:54	
4-Chlorophenyl phenyl ether	ND	0.17	mg/Kg	1.00	07/23/2003 11:54	
Fluorene	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
4-Nitroaniline	ND	0.33	mg/Kg	1.00	07/23/2003 11:54	
2-Methyl-4,6-dinitrophenol	ND	0.33	mg/Kg	1.00	07/23/2003 11:54	
N-Nitrosodiphenylamine	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
4-Bromophenyl phenyl ether	ND	0.17	mg/Kg	1.00	07/23/2003 11:54	
Hexachlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
Pentachlorophenol	ND	0.33	mg/Kg	1.00	07/23/2003 11:54	
Phenanthrene	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
Anthracene	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
Di-n-butyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 11:54	
Fluoranthene	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
Pyrene	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
Butyl benzyl phthalate	0.48	0.17	mg/Kg	1.00	07/23/2003 11:54	
3,3-Dichlorobenzidine	ND	0.17	mg/Kg	1.00	07/23/2003 11:54	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
bis(2-Ethylhexyl) phthalate	ND	0.33	mg/Kg	1.00	07/23/2003 11:54	
Chrysene	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
Di-n-octyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 11:54	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	

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07/24/2003 12:05

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton

Attn.: Amy McCormick

4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s): 3650B/8270C Test(s): 8270C
Sample ID: BE-10 Lab ID: 2003-07-0670 - 3
Sampled: 07/22/2003 12:55 Extracted: 7/22/2003 14:22
Matrix: Soil QC Batch#: 2003/07/22-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	07/23/2003 11:54	
Benzoic acid	ND	0.33	mg/Kg	1.00	07/23/2003 11:54	
Surrogates(s)						
Nitrobenzene-d5	38.8	23-120	%	1.00	07/23/2003 11:54	
2-Fluorobiphenyl	51.5	30-115	%	1.00	07/23/2003 11:54	
p-Terphenyl-d14	96.0	18-137	%	1.00	07/23/2003 11:54	
2-Fluorophenol	42.0	25-121	%	1.00	07/23/2003 11:54	
Phenol-d6	46.9	24-113	%	1.00	07/23/2003 11:54	
2,4,6-Tribromophenol	53.2	19-122	%	1.00	07/23/2003 11:54	

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton
Attn.: Amy McCormick

4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s): 3550E/8270C Test(s): 8270C
Sample ID: NW-11 Lab ID: 2003-07-0670 - 4
Sampled: 07/22/2003 13:50 Extracted: 7/22/2003 14:22
Matrix: Soil QC Batch#: 2003/07/22-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
Bis(2-chloroethyl)ether	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
2-Chlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
1,3-Dichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
1,4-Dichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
Benzyl alcohol	ND	0.17	mg/Kg	1.00	07/23/2003 12:22	
1,2-Dichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
2-Methylphenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
Bis(2-chloroisopropyl) ether	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
4-Methylphenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
N-Nitrosodl-n-propylamine	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
Hexachloroethane	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
Nitrobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
Isophorone	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
2-Nitrophenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
2,4-Dimethylphenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
Bis(2-chloroethoxy) methane	ND	0.17	mg/Kg	1.00	07/23/2003 12:22	
2,4-Dichlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
1,2,4-Trichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
Naphthalene	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
4-Chloroaniline	ND	0.33	mg/Kg	1.00	07/23/2003 12:22	
Hexachlorobutadiene	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
4-Chloro-3-methylphenol	ND	0.17	mg/Kg	1.00	07/23/2003 12:22	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
Hexachlorocyclopentadiene	ND	0.17	mg/Kg	1.00	07/23/2003 12:22	
2,4,6-Trichlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
2,4,5-Trichlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
2-Chloronaphthalene	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
2-Nitroaniline	ND	0.33	mg/Kg	1.00	07/23/2003 12:22	
Dimethyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 12:22	
Acenaphthylene	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	

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07/24/2003 12:05

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton

Attn.: Amy McCormick

4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s): 3550B/8270C Test(s): 8270C
Sample ID: NW-11 Lab ID: 2003-07-0670 - 4
Sampled: 07/22/2003 13:50 Extracted: 7/22/2003 14:22
Matrix: Soil QC Batch#: 2003/07/22-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
3-Nitroaniline	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
Acenaphthene	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
2,4-Dinitrophenol	ND	0.33	mg/Kg	1.00	07/23/2003 12:22	
4-Nitrophenol	ND	0.33	mg/Kg	1.00	07/23/2003 12:22	
Dibenzofuran	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
2,4-Dinitrotoluene	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
2,6-Dinitrotoluene	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
Diethyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 12:22	
4-Chlorophenyl phenyl ether	ND	0.17	mg/Kg	1.00	07/23/2003 12:22	
Fluorene	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
4-Nitroaniline	ND	0.33	mg/Kg	1.00	07/23/2003 12:22	
2-Methyl-4,6-dinitrophenol	ND	0.33	mg/Kg	1.00	07/23/2003 12:22	
N-Nitrosodiphenylamine	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
4-Bromophenyl phenyl ether	ND	0.17	mg/Kg	1.00	07/23/2003 12:22	
Hexachlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
Pentachlorophenol	ND	0.33	mg/Kg	1.00	07/23/2003 12:22	
Phenanthrene	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
Anthracene	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
Di-n-butyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 12:22	
Fluoranthene	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
Pyrene	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
Butyl benzyl phthalate	0.31	0.17	mg/Kg	1.00	07/23/2003 12:22	
3,3-Dichlorobenzidine	ND	0.17	mg/Kg	1.00	07/23/2003 12:22	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
bis(2-Ethylhexyl) phthalate	ND	0.33	mg/Kg	1.00	07/23/2003 12:22	
Chrysene	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
Di-n-octyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 12:22	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	07/23/2003 12:22	

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07/24/2003 12:05

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton
Attn.: Amy McCormick

4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s): 3550B/8270C Test(s): 8270C
Sample ID: NW-11 Lab ID: 2003-07-0670 - 4
Sampled: 07/22/2003 13:50 Extracted: 7/22/2003 14:22
Matrix: Soil QC Batch#: 2003/07/22-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibenzo(a,h)anthracene	ND	0.087	mg/Kg	1.00	07/23/2003 12:22	
Benzo(g,h,i)perylene	ND	0.087	mg/Kg	1.00	07/23/2003 12:22	
Benzoic acid	ND	0.33	mg/Kg	1.00	07/23/2003 12:22	
Surrogates(s)						
Nitrobenzene-d5	48.0	23-120	%	1.00	07/23/2003 12:22	
2-Fluorobiphenyl	53.4	30-115	%	1.00	07/23/2003 12:22	
p-Terphenyl-d14	87.6	18-137	%	1.00	07/23/2003 12:22	
2-Fluorophenol	52.5	25-121	%	1.00	07/23/2003 12:22	
Phenol-d6	56.3	24-113	%	1.00	07/23/2003 12:22	
2,4,6-Tribromophenol	50.2	19-122	%	1.00	07/23/2003 12:22	

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton
Attn.: Amy McCormick

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Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s): 3550B/8270C Test(s): 8270C
Sample ID: WW-12 Lab ID: 2003-07-0670 - 5
Sampled: 07/22/2003 14:00 Extracted: 7/22/2003 14:22
Matrix: Soil QC Batch#: 2003/07/22-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
Bis(2-chloroethyl)ether	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
2-Chlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
1,3-Dichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
1,4-Dichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
Benzyl alcohol	ND	0.17	mg/Kg	1.00	07/23/2003 12:51	
1,2-Dichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
2-Methylphenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
Bis(2-chloroisopropyl) ether	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
4-Methylphenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
N-Nitroso-di-n-propylamine	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
Hexachloroethane	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
Nitrobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
Isophorone	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
2-Nitrophenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
2,4-Dimethylphenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
Bis(2-chloroethoxy) methane	ND	0.17	mg/Kg	1.00	07/23/2003 12:51	
2,4-Dichlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
1,2,4-Trichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
Naphthalene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
4-Chloroaniline	ND	0.33	mg/Kg	1.00	07/23/2003 12:51	
Hexachlorobutadiene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
4-Chloro-3-methylphenol	ND	0.17	mg/Kg	1.00	07/23/2003 12:51	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
Hexachlorocyclopentadiene	ND	0.17	mg/Kg	1.00	07/23/2003 12:51	
2,4,6-Trichlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
2,4,5-Trichlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
2-Chloronaphthalene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
2-Nitroaniline	ND	0.33	mg/Kg	1.00	07/23/2003 12:51	
Dimethyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 12:51	
Acenaphthylene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	

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07/24/2003 12:05

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton

Attn.: Amy McCormick

4101 Shuffel Drive NW

North Canton, OH 44720

Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30

Received: 07/22/2003 15:27

Sumn of Pleasanton

Prep(s): 3650B/8270C	Test(s): 8270C
Sample ID: WW-12	Lab ID: 2003-07-0670 - 5
Sampled: 07/22/2003 14:00	Extracted: 7/22/2003 14:22
Matrix: Soil	QC Batch#: 2003/07/22-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
3-Nitroaniline	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
Acenaphthene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
2,4-Dinitrophenol	ND	0.33	mg/Kg	1.00	07/23/2003 12:51	
4-Nitrophenol	ND	0.33	mg/Kg	1.00	07/23/2003 12:51	
Dibenzofuran	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
2,4-Dinitrotoluene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
2,6-Dinitrotoluene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
Diethyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 12:51	
4-Chlorophenyl phenyl ether	ND	0.17	mg/Kg	1.00	07/23/2003 12:51	
Fluorene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
4-Nitroaniline	ND	0.33	mg/Kg	1.00	07/23/2003 12:51	
2-Methyl-4,6-dinitrophenol	ND	0.33	mg/Kg	1.00	07/23/2003 12:51	
N-Nitrosodiphenylamine	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
4-Bromophenyl phenyl ether	ND	0.17	mg/Kg	1.00	07/23/2003 12:51	
Hexachlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
Pentachlorophenol	ND	0.33	mg/Kg	1.00	07/23/2003 12:51	
Phenanthrene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
Anthracene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
Di-n-butyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 12:51	
Fluoranthene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
Pyrene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
Butyl benzyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 12:51	
3,3-Dichlorobenzidine	ND	0.17	mg/Kg	1.00	07/23/2003 12:51	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
bis(2-Ethylhexyl) phthalate	ND	0.33	mg/Kg	1.00	07/23/2003 12:51	
Chrysene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
Di-n-octyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 12:51	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	

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07/24/2003 12:05

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton
Attn.: Amy McCormick

4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17386-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s): 3550B/8270C	Test(s): 8270C
Sample ID: WW-12	Lab ID: 2003-07-0670 - 5
Sampled: 07/22/2003 14:00	Extracted: 7/22/2003 14:22
Matrix: Soil	QC Batch#: 2003/07/22-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	07/23/2003 12:51	
Benzoic acid	ND	0.33	mg/Kg	1.00	07/23/2003 12:51	
Surrogates(s)						
Nitrobenzene-d5	38.5	23-120	%	1.00	07/23/2003 12:51	
2-Fluorobiphenyl	43.3	30-115	%	1.00	07/23/2003 12:51	
p-Terphenyl-d14	84.3	18-137	%	1.00	07/23/2003 12:51	
2-Fluorophenol	44.9	25-121	%	1.00	07/23/2003 12:51	
Phenol-d6	47.6	24-113	%	1.00	07/23/2003 12:51	
2,4,6-Tribromophenol	34.6	19-122	%	1.00	07/23/2003 12:51	

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton

Attn.: Amy McCormick

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Project: 17366-30

Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s): 3550B/8270C	Test(s): 8270C
Sample ID: EW-13	Lab ID: 2003-07-0670 - 6
Sampled: 07/22/2003 14:05	Extracted: 7/22/2003 14:22
Matrix: Soil	QC Batch#: 2003/07/22-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
Bis(2-chloroethyl)ether	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
2-Chlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
1,3-Dichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
1,4-Dichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
Benzyl alcohol	ND	0.17	mg/Kg	1.00	07/23/2003 13:19	
1,2-Dichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
2-Methylphenol	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
Bis(2-chloroisopropyl) ether	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
4-Methylphenol	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
N-Nitroso-di-n-propylamine	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
Hexachloroethane	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
Nitrobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
Isophorone	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
2-Nitrophenol	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
2,4-Dimethylphenol	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
Bis(2-chloroethoxy) methane	ND	0.17	mg/Kg	1.00	07/23/2003 13:19	
2,4-Dichlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
1,2,4-Trichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
Naphthalene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
4-Chloroaniline	ND	0.33	mg/Kg	1.00	07/23/2003 13:19	
Hexachlorobutadiene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
4-Chloro-3-methylphenol	ND	0.17	mg/Kg	1.00	07/23/2003 13:19	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
Hexachlorocyclopentadiene	ND	0.17	mg/Kg	1.00	07/23/2003 13:19	
2,4,6-Trichlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
2,4,5-Trichlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
2-Chloronaphthalene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
2-Nitroaniline	ND	0.33	mg/Kg	1.00	07/23/2003 13:19	
Dimethyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 13:19	
Acenaphthylene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

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07/24/2003 12:05

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton

Attn.: Amy McCormick

4101 Shuffel Drive NW

North Canton, OH 44720

Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30

Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s): 3550B/8270C Test(s): 8270C
 Sample ID: EW-13 Lab ID: 2003-07-0670 - 8
 Sampled: 07/22/2003 14:05 Extracted: 7/22/2003 14:22
 Matrix: Soil QC Batch#: 2003/07/22-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
3-Nitroaniline	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
Acenaphthene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
2,4-Dinitrophenol	ND	0.33	mg/Kg	1.00	07/23/2003 13:19	
4-Nitrophenol	ND	0.33	mg/Kg	1.00	07/23/2003 13:19	
Dibenzofuran	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
2,4-Dinitrotoluene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
2,6-Dinitrotoluene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
Diethyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 13:19	
4-Chlorophenyl phenyl ether	ND	0.17	mg/Kg	1.00	07/23/2003 13:19	
Fluorene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
4-Nitroaniline	ND	0.33	mg/Kg	1.00	07/23/2003 13:19	
2-Methyl-4,6-dinitrophenol	ND	0.33	mg/Kg	1.00	07/23/2003 13:19	
N-Nitrosodiphenylamine	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
4-Bromophenyl phenyl ether	ND	0.17	mg/Kg	1.00	07/23/2003 13:19	
Hexachlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
Pentachlorophenol	ND	0.33	mg/Kg	1.00	07/23/2003 13:19	
Phenanthrene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
Anthracene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
Di-n-butyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 13:19	
Fluoranthene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
Pyrene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
Butyl benzyl phthalate	0.17	0.17	mg/Kg	1.00	07/23/2003 13:19	
3,3-Dichlorobenzidine	ND	0.17	mg/Kg	1.00	07/23/2003 13:19	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
bis(2-Ethylhexyl) phthalate	ND	0.33	mg/Kg	1.00	07/23/2003 13:19	
Chrysene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
Di-n-octyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 13:19	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	

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07/24/2003 12:05

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton
Attn.: Amy McCormick

4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17386-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s): 3650B/8270C Test(s): 8270C
Sample ID: EW-13 Lab ID: 2003-07-0670 - 8
Sampled: 07/22/2003 14:05 Extracted: 7/22/2003 14:22
Matrix: Soil QC Batch#: 2003/07/22-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	07/23/2003 13:19	
Benzoic acid	ND	0.33	mg/Kg	1.00	07/23/2003 13:19	
Surrogates(s)						
Nitrobenzene-d5	65.4	23-120	%	1.00	07/23/2003 13:19	
2-Fluorobiphenyl	74.8	30-115	%	1.00	07/23/2003 13:19	
p-Terphenyl-d14	102.8	18-137	%	1.00	07/23/2003 13:19	
2-Fluorophenol	67.9	25-121	%	1.00	07/23/2003 13:19	
Phenol-d6	73.4	24-113	%	1.00	07/23/2003 13:19	
2,4,6-Tribromophenol	69.9	19-122	%	1.00	07/23/2003 13:19	

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton

Attn.: Amy McCormick

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Project: 17366-30
Setum of Pleasanton

Received: 07/22/2003 15:27

Prep(s): 3550B/8270C	Test(s): 8270C
Sample ID: SW-14	Lab ID: 2003-07-0670 - 7
Sampled: 07/22/2003 14:20	Extracted: 7/22/2003 14:22
Matrix: Soil	QC Batch#: 2003/07/22-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
Bis(2-chloroethyl)ether	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
2-Chlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
1,3-Dichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
1,4-Dichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
Benzyl alcohol	ND	0.17	mg/Kg	1.00	07/23/2003 13:48	
1,2-Dichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
2-Methylphenol	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
Bis(2-chloroisopropyl) ether	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
4-Methylphenol	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
N-Nitrosodi-n-propylamine	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
Hexachloroethane	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
Nitrobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
Isophorone	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
2-Nitrophenol	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
2,4-Dimethylphenol	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
Bis(2-chloroethoxy) methane	ND	0.17	mg/Kg	1.00	07/23/2003 13:48	
2,4-Dichlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
1,2,4-Trichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
Naphthalene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
4-Chloroaniline	ND	0.33	mg/Kg	1.00	07/23/2003 13:48	
Hexachlorobutadiene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
4-Chloro-3-methylphenol	ND	0.17	mg/Kg	1.00	07/23/2003 13:48	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
Hexachlorocyclopentadiene	ND	0.17	mg/Kg	1.00	07/23/2003 13:48	
2,4,6-Trichlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
2,4,5-Trichlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
2-Chloronaphthalene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
2-Nitroaniline	ND	0.33	mg/Kg	1.00	07/23/2003 13:48	
Dimethyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 13:48	
Acenaphthylene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	

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07/24/2003 12:05

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton

Attn.: Amy McCormick

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North Canton, OH 44720

Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30

Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s): 3550B/8270C Test(s): 8270C
 Sample ID: SW-14 Lab ID: 2003-07-0670 - 7
 Sampled: 07/22/2003 14:20 Extracted: 7/22/2003 14:22
 Matrix: Soil QC Batch#: 2003/07/22-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
3-Nitroaniline	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
Acenaphthene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
2,4-Dinitrophenol	ND	0.33	mg/Kg	1.00	07/23/2003 13:48	
4-Nitrophenol	ND	0.33	mg/Kg	1.00	07/23/2003 13:48	
Dibenzofuran	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
2,4-Dinitrotoluene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
2,6-Dinitrotoluene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
Diethyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 13:48	
4-Chlorophenyl phenyl ether	ND	0.17	mg/Kg	1.00	07/23/2003 13:48	
Fluorene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
4-Nitroaniline	ND	0.33	mg/Kg	1.00	07/23/2003 13:48	
2-Methyl-4,6-dinitrophenol	ND	0.33	mg/Kg	1.00	07/23/2003 13:48	
N-Nitrosodiphenylamine	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
4-Bromophenyl phenyl ether	ND	0.17	mg/Kg	1.00	07/23/2003 13:48	
Hexachlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
Pentachlorophenol	ND	0.33	mg/Kg	1.00	07/23/2003 13:48	
Phenanthrene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
Anthracene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
Di-n-butyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 13:48	
Fluoranthene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
Pyrene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
Butyl benzyl phthalate	0.18	0.17	mg/Kg	1.00	07/23/2003 13:48	
3,3-Dichlorobenzidine	ND	0.17	mg/Kg	1.00	07/23/2003 13:48	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
bis(2-Ethylhexyl) phthalate	ND	0.33	mg/Kg	1.00	07/23/2003 13:48	
Chrysene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
Di-n-octyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 13:48	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	

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07/24/2003 12:05

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton

Attn.: Amy McCormick

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Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s): 3550B/8270C	Test(s): 8270C
Sample ID: 8W-14	Lab ID: 2003-07-0670 - 7
Sampled: 07/22/2003 14:20	Extracted: 7/22/2003 14:22
Matrix: Soil	QC Batch#: 2003/07/22-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	07/23/2003 13:48	
Benzoic acid	ND	0.33	mg/Kg	1.00	07/23/2003 13:48	
Surrogates(s)						
Nitrobenzene-d5	58.9	23-120	%	1.00	07/23/2003 13:48	
2-Fluorobiphenyl	72.6	30-115	%	1.00	07/23/2003 13:48	
p-Terphenyl-d14	92.2	18-137	%	1.00	07/23/2003 13:48	
2-Fluorophenol	67.8	25-121	%	1.00	07/23/2003 13:48	
Phenol-d6	71.8	24-113	%	1.00	07/23/2003 13:48	
2,4,6-Tribromophenol	61.0	19-122	%	1.00	07/23/2003 13:48	

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07/24/2003 12:05

Page 19 of 23

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton
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Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Batch QC Report

Prep(s): 3550B/8270C

Test(s): 8270C

Method Blank

Soil

QC Batch # 2003/07/22-01.11

MB: 2003/07/22-01.11-001

Date Extracted: 07/22/2003 14:22

Compound	Conc.	RL	Unit	Analyzed	Flag
Phenol	ND	0.067	mg/Kg	07/23/2003 10:00	
Bis(2-chloroethyl)ether	ND	0.067	mg/Kg	07/23/2003 10:00	
2-Chlorophenol	ND	0.067	mg/Kg	07/23/2003 10:00	
1,3-Dichlorobenzene	ND	0.067	mg/Kg	07/23/2003 10:00	
1,4-Dichlorobenzene	ND	0.067	mg/Kg	07/23/2003 10:00	
Benzyl alcohol	ND	0.17	mg/Kg	07/23/2003 10:00	
1,2-Dichlorobenzene	ND	0.067	mg/Kg	07/23/2003 10:00	
2-Methylphenol	ND	0.067	mg/Kg	07/23/2003 10:00	
Bis(2-chloroisopropyl) ether	ND	0.067	mg/Kg	07/23/2003 10:00	
4-Methylphenol	ND	0.067	mg/Kg	07/23/2003 10:00	
N-Nitroso-di-n-propylamine	ND	0.067	mg/Kg	07/23/2003 10:00	
Hexachloroethane	ND	0.067	mg/Kg	07/23/2003 10:00	
Nitrobenzene	ND	0.067	mg/Kg	07/23/2003 10:00	
Isophorone	ND	0.067	mg/Kg	07/23/2003 10:00	
2-Nitrophenol	ND	0.067	mg/Kg	07/23/2003 10:00	
2,4-Dimethylphenol	ND	0.067	mg/Kg	07/23/2003 10:00	
Bis(2-chloroethoxy) methane	ND	0.17	mg/Kg	07/23/2003 10:00	
2,4-Dichlorophenol	ND	0.067	mg/Kg	07/23/2003 10:00	
1,2,4-Trichlorobenzene	ND	0.067	mg/Kg	07/23/2003 10:00	
Naphthalene	ND	0.067	mg/Kg	07/23/2003 10:00	
4-Chloroaniline	ND	0.330	mg/Kg	07/23/2003 10:00	
Hexachlorobutadiene	ND	0.067	mg/Kg	07/23/2003 10:00	
4-Chloro-3-methylphenol	ND	0.17	mg/Kg	07/23/2003 10:00	
2-Methylnaphthalene	ND	0.067	mg/Kg	07/23/2003 10:00	
Hexachlorocyclopentadiene	ND	0.17	mg/Kg	07/23/2003 10:00	
2,4,6-Trichlorophenol	ND	0.067	mg/Kg	07/23/2003 10:00	
2,4,5-Trichlorophenol	ND	0.067	mg/Kg	07/23/2003 10:00	
2-Chloronaphthalene	ND	0.067	mg/Kg	07/23/2003 10:00	
2-Nitroaniline	ND	0.33	mg/Kg	07/23/2003 10:00	
Dimethyl phthalate	ND	0.17	mg/Kg	07/23/2003 10:00	

Severn Trent Laboratories, Inc.

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07/24/2003 12:06

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton
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Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17365-30
Saturn of Pleasanton

Received: 07/22/2003 18:27

Batch QC Report

Prep(s): 3550B/8270C

Test(s): 8270C

Method Blank

Soil

QC Batch # 2003/07/22-01.11

MB: 2003/07/22-01.11-001

Date Extracted: 07/22/2003 14:22

Compound	Conc.	RL	Unit	Analyzed	Flag
Acenaphthylene	ND	0.067	mg/Kg	07/23/2003 10:00	
3-Nitroaniline	ND	0.067	mg/Kg	07/23/2003 10:00	
Acenaphthene	ND	0.067	mg/Kg	07/23/2003 10:00	
2,4-Dinitrophenol	ND	0.33	mg/Kg	07/23/2003 10:00	
4-Nitrophenol	ND	0.33	mg/Kg	07/23/2003 10:00	
Dibenzofuran	ND	0.067	mg/Kg	07/23/2003 10:00	
2,4-Dinitrotoluene	ND	0.067	mg/Kg	07/23/2003 10:00	
2,6-Dinitrotoluene	ND	0.067	mg/Kg	07/23/2003 10:00	
Diethyl phthalate	ND	0.17	mg/Kg	07/23/2003 10:00	
4-Chlorophenyl phenyl ether	ND	0.17	mg/Kg	07/23/2003 10:00	
Fluorene	ND	0.067	mg/Kg	07/23/2003 10:00	
4-Nitroaniline	ND	0.33	mg/Kg	07/23/2003 10:00	
2-Methyl-4,6-dinitrophenol	ND	0.33	mg/Kg	07/23/2003 10:00	
N-Nitrosodiphenylamine	ND	0.067	mg/Kg	07/23/2003 10:00	
4-Bromophenyl phenyl ether	ND	0.17	mg/Kg	07/23/2003 10:00	
Hexachlorobenzene	ND	0.067	mg/Kg	07/23/2003 10:00	
Pentachlorophenol	ND	0.33	mg/Kg	07/23/2003 10:00	
Phenanthrene	ND	0.067	mg/Kg	07/23/2003 10:00	
Anthracene	ND	0.067	mg/Kg	07/23/2003 10:00	
Di-n-butyl phthalate	ND	0.17	mg/Kg	07/23/2003 10:00	
Fluoranthene	ND	0.067	mg/Kg	07/23/2003 10:00	
Pyrene	ND	0.067	mg/Kg	07/23/2003 10:00	
Butyl benzyl phthalate	ND	0.17	mg/Kg	07/23/2003 10:00	
3,3-Dichlorobenzidine	ND	0.17	mg/Kg	07/23/2003 10:00	
Benzo(a)anthracene	ND	0.067	mg/Kg	07/23/2003 10:00	
bis(2-Ethylhexyl) phthalate	ND	0.33	mg/Kg	07/23/2003 10:00	
Chrysene	ND	0.067	mg/Kg	07/23/2003 10:00	
Di-n-octyl phthalate	ND	0.17	mg/Kg	07/23/2003 10:00	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	07/23/2003 10:00	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	07/23/2003 10:00	
Benzo(a)pyrene	ND	0.067	mg/Kg	07/23/2003 10:00	

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07/24/2003 12:05

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton
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Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Batch QC Report

Prep(s): 3550B/8270C
Method Blank
MB: 2003/07/22-01.11-001

Soil

Test(s): 8270C
QC Batch # 2003/07/22-01.11
Date Extracted: 07/22/2003 14:22

Compound	Conc.	RL	Unit	Analyzed	Flag
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	07/23/2003 10:00	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	07/23/2003 10:00	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	07/23/2003 10:00	
Benzoic acid	ND	0.33	mg/Kg	07/23/2003 10:00	
Surrogates(s)					
Nitrobenzene-d6	63.8	23-120	%	07/23/2003 10:00	
2-Fluorobiphenyl	71.8	30-115	%	07/23/2003 10:00	
p-Terphenyl-d14	79.7	18-137	%	07/23/2003 10:00	
2-Fluorophenol	71.5	25-121	%	07/23/2003 10:00	
Phenol-d6	73.7	24-113	%	07/23/2003 10:00	
2,4,6-Tribromophenol	62.7	19-122	%	07/23/2003 10:00	

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton

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Project: 17366-30

Received: 07/22/2003 15:27

Saturn of Pleasanton

Batch QC Report

Prep(s): 3550B/8270C

Test(s): 8270C

Laboratory Control Spike

Soil

QC Batch # 2003/07/22-01.11

LCS 2003/07/22-01.11-002

Extracted: 07/22/2003

Analyzed: 07/23/2003 10:28

LCSD 2003/07/22-01.11-003

Extracted: 07/22/2003

Analyzed: 07/23/2003 10:57

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Phenol	1.29	1.42	1.98	65.2	71.7	9.5	20-90	35		
2-Chlorophenol	1.34	1.52	1.98	67.7	76.8	12.6	27-123	35		
1,4-Dichlorobenzene	0.670	0.740	0.992	67.5	74.7	10.1	28-104	30		
N-Nitroso-di-n-propylamine	0.630	0.670	0.992	63.5	67.6	6.3	25-114	39		
1,2,4-Trichlorobenzene	0.690	0.750	0.992	69.8	75.7	8.4	38-107	35		
4-Chloro-3-methylphenol	1.43	1.33	1.98	72.2	67.2	7.2	26-103	33		
Acenaphthene	0.780	0.850	0.992	78.6	85.8	8.8	49-102	30		
4-Nitrophenol	1.06	1.05	1.98	53.5	53.0	0.9	17-109	35		
2,4-Dinitrotoluene	0.670	0.730	0.992	67.5	73.7	8.8	39-139	38		
Pentachlorophenol	1.41	1.35	1.98	71.2	68.2	4.3	11-114	35		
Pyrene	0.870	0.940	0.992	87.7	94.9	7.9	25-117	35		
Surrogates(s)										
Nitrobenzene-d5	16.4	16.4	25	61.6	65.6		23-120			
2-Fluorobiphenyl	20.5	21.7	25	82.0	86.9		30-116			
p-Terphenyl-d14	22.8	22.3	25	90.4	89.1		18-137			
2-Fluorophenol	32.8	36.6	50	65.2	73.1		25-121			
Phenol-d6	36.4	39.9	50	72.8	78.9		24-113			
2,4,6-Tribromophenol	45.0	42.8	50	90.1	85.7		19-122			

Metals

STL-North Canton

Attn.: Amy McCormick

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Phone: (330) 966-9787 Fax: (330) 497-0772Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BW-9	07/22/2003 12:10	Soil	1
BE-10	07/22/2003 12:55	Soil	3
NW-11	07/22/2003 13:50	Soil	4
WW-12	07/22/2003 14:00	Soil	5
EW-13	07/22/2003 14:05	Soil	6
SW-14	07/22/2003 14:20	Soil	7

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1088 * www.stl-inc.com * CA DHS ELAP# 2496

Metals

STL-North Canton
Attn.: Amy McCormick

4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s):	3050B	Test(s):	80108
Sample ID:	BW-9	Lab ID:	2003-07-0670 - 1
Sampled:	07/22/2003 12:10	Extracted:	7/22/2003 16:46
Matrix:	Soil	QC Batch#:	2003/07/22-07.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	2.9	0.50	mg/Kg	1.00	07/23/2003 08:46	
Chromium	36	1.0	mg/Kg	1.00	07/23/2003 08:46	
Lead	5.5	1.0	mg/Kg	1.00	07/23/2003 08:46	
Nickel	40	1.0	mg/Kg	1.00	07/23/2003 08:46	
Zinc	50	1.0	mg/Kg	1.00	07/23/2003 08:46	

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07/24/2003 12:06

Page 2 of 9

MetalsSTL-North Canton
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North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772Project: 17366-30
Saturn of Pleasanton.

Received: 07/22/2003 16:27

Prep(s): 3050B	Test(s): 6010B
Sample ID: BE-10	Lab ID: 2003-07-0670 - 3
Sampled: 07/22/2003 12:55	Extracted: 7/22/2003 16:46
Matrix: Soil	QC Batch#: 2003/07/22-07.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	3.2	0.50	mg/Kg	1.00	07/23/2003 08:50	
Chromium	37	1.0	mg/Kg	1.00	07/23/2003 08:50	
Lead	6.1	1.0	mg/Kg	1.00	07/23/2003 08:50	
Nickel	41	1.0	mg/Kg	1.00	07/23/2003 08:50	
Zinc	50	1.0	mg/Kg	1.00	07/23/2003 08:50	

Metals

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Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s): 3050B	Test(s): 8010B
Sample ID: NW-11	Lab ID: 2003-07-0670 - 4
Sampled: 07/22/2003 13:50	Extracted: 7/22/2003 16:46
Matrix: Soil	QC Batch#: 2003/07/22-07.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	2.8	0.50	mg/Kg	1.00	07/23/2003 08:53	
Chromium	33	1.0	mg/Kg	1.00	07/23/2003 08:53	
Lead	5.6	1.0	mg/Kg	1.00	07/23/2003 08:53	
Nickel	37	1.0	mg/Kg	1.00	07/23/2003 08:53	
Zinc	46	1.0	mg/Kg	1.00	07/23/2003 08:53	

MetalsSTL-North Canton
Attn.: Amy McCormick4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s): 3050B	Test(s): 8010B
Sample ID: WW-12	Lab ID: 2003-07-0670 - 8
Sampled: 07/22/2003 14:00	Extracted: 7/22/2003 16:46
Matrix: Soil	QC Batch#: 2003/07/22-07.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	2.9	0.50	mg/Kg	1.00	07/23/2003 08:56	
Chromium	34	1.0	mg/Kg	1.00	07/23/2003 08:56	
Lead	5.8	1.0	mg/Kg	1.00	07/23/2003 08:56	
Nickel	41	1.0	mg/Kg	1.00	07/23/2003 08:56	
Zinc	48	1.0	mg/Kg	1.00	07/23/2003 08:56	

MetalsSTL-North Canton
Attn.: Amy McCormick4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772Project: 17368-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Prep(s):	3060B	Test(s):	6010B
Sample ID:	EW-13	Lab ID:	2003-07-0670 - 6
Sampled:	07/22/2003 14:05	Extracted:	7/22/2003 16:46
Matrix:	Soil	QC Batch#:	2003/07/22-07.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	2.7	0.50	mg/Kg	1.00	07/23/2003 08:59	
Chromium	32	1.0	mg/Kg	1.00	07/23/2003 08:59	
Lead	5.9	1.0	mg/Kg	1.00	07/23/2003 08:59	
Nickel	38	1.0	mg/Kg	1.00	07/23/2003 08:59	
Zinc	50	1.0	mg/Kg	1.00	07/23/2003 08:59	

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MetalsSTL-North Canton
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North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772Project: 17366-30
Setum of Pleasanton

Received: 07/22/2003 15:27

Prep(s): 3050B	Test(s): 6010B
Sample ID: SW-14	Lab ID: 2003-07-0670 - 7
Sampled: 07/22/2003 14:20	Extracted: 7/22/2003 16:46
Matrix: Soil	QC Batch#: 2003/07/22-07.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	2.8	0.50	mg/Kg	1.00	07/23/2003 09:02	
Chromium	31	1.0	mg/Kg	1.00	07/23/2003 09:02	
Lead	5.3	1.0	mg/Kg	1.00	07/23/2003 09:02	
Nickel	34	1.0	mg/Kg	1.00	07/23/2003 09:02	
Zinc	48	1.0	mg/Kg	1.00	07/23/2003 09:02	

Metals

STL-North Canton

Attn.: Amy McCormick

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Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30

Saturn of Pleasanton

Received: 07/22/2003 15:27

Batch QC Report

Prep(s): 3050B

Method Blank

MB: 2003/07/22-07.15-011

Soil

Test(s): 6010B

QC Batch # 2003/07/22-07.15

Date Extracted: 07/22/2003 16:46

Compound	Conc.	RL	Unit	Analyzed	Flag
Cadmium	ND	0.50	mg/Kg	07/23/2003 07:48	
Chromium	ND	1.0	mg/Kg	07/23/2003 07:48	
Lead	ND	1.0	mg/Kg	07/23/2003 07:48	
Nickel	ND	1.0	mg/Kg	07/23/2003 07:48	
Zinc	ND	1.0	mg/Kg	07/23/2003 07:48	

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07/24/2003 12:06

Metals

STL-North Canton
Attn.: Amy McCormick

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North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:27

Batch QC Report

Prep(s): 3050B

Test(s): 8010B

Laboratory Control Spike

Soil

QC Batch # 2003/07/22-07.15

LCS 2003/07/22-07.15-012

Extracted: 07/22/2003

Analyzed: 07/23/2003 07:52

LCSD 2003/07/22-07.15-013

Extracted: 07/22/2003

Analyzed: 07/23/2003 07:55

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Cadmium	97.0	97.3	100.0	97.0	97.3	0.3	80-120	20		
Chromium	100	101	100.0	100.0	101.0	1.0	80-120	20		
Lead	97.9	98.5	100.0	97.9	98.5	0.6	80-120	20		
Nickel	98.2	98.7	100.0	98.2	98.7	0.5	80-120	20		
Zinc	96.7	97.5	100.0	96.7	97.5	0.8	80-120	20		

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07/24/2003 12:06

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CHAIN OF CUSTODY RECORD 2003-07-0670 76268

CONESTOGA-ROVERS & ASSOCIATES <u>STOCKTON</u>	SHIPPED TO (Laboratory Name): <p align="center" style="font-size: 1.5em;"><i>STL S.F</i></p>	REFERENCE NUMBER: <p align="center" style="font-size: 1.5em;">17366-30</p>
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SAMPLER'S SIGNATURE: <i>Robert T. Anficht</i>			PRINTED NAME: <i>Bob Anficht</i>			RUSH
SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	
	<i>7/14/03</i>	<i>1210</i>	<i>BW-9</i>	<i>S</i>	<i>1</i>	<i>X X X</i>
		<i>1230</i>	<i>BW-9B</i>		<i>3</i>	<i>X</i>
		<i>1255</i>	<i>BE-10</i>		<i>1</i>	<i>X X X</i>
		<i>1350</i>	<i>NW-11</i>		<i>1</i>	<i>X X X</i>
		<i>1400</i>	<i>WW-12</i>		<i>1</i>	<i>X X X</i>
		<i>1405</i>	<i>EW-13</i>		<i>1</i>	<i>X X X</i>
		<i>1420</i>	<i>SW-14</i>		<i>14</i>	<i>X X X X</i>
<div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 100px; margin: auto; display: flex; align-items: center; justify-content: center;"> APL </div>						

TAT 24 Hrs

Metals - Cd, Cr Ni, Pb, Zn

P.M.

Scudder Sittler

TOTAL NUMBER OF CONTAINERS	HEALTH/CHEMICAL HAZARDS
----------------------------	-------------------------

RELINQUISHED BY: ① <i>Robert T. Anficht</i>	DATE: <i>7/22/03</i> TIME: <i>1527</i>	RECEIVED BY: ① <i>Dennis Harrington / STL-SF</i>	DATE: <i>7/22/03</i> TIME: <i>1527</i>
RELINQUISHED BY: ② _____	DATE: TIME:	RECEIVED BY: ② _____	DATE: TIME:
RELINQUISHED BY: ③ _____	DATE: TIME:	RECEIVED BY: ③ _____	DATE: TIME:

METHOD OF SHIPMENT:	WAY BILL No.
---------------------	--------------

White -Fully Executed Copy Yellow -Receiving Laboratory Copy Pink -Shipper Copy Goldenrod -Sampler Copy	SAMPLE TEAM: _____ _____	RECEIVED FOR LABORATORY BY: _____ DATE: _____ TIME: _____
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LIQUID WASTE CHARACTERIZATION ANALYTICAL RESULTS

SEVERN
TRENT

STL

ANALYTICAL REPORT

PROJECT NO. 17366-30

SATURN OF PLEASANTON

Lot #: A3E140209

Paul Wiseman

ENCORE Environmental Consultan
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

SEVERN TRENT LABORATORIES, INC.


Amy L. McCormick
Project Manager

May 27, 2003

Severn Trent Laboratories, Inc.
STL North Canton • 4101 Shuffel Drive NW, North Canton, OH 44720
Tel 330 497 9396 Fax 330 497 0772 • www.stl-inc.com

CASE NARRATIVE

A3E140209

The following report contains the analytical results for one water sample submitted to STL North Canton by Encore Environmental Consultant from the Saturn of Pleasanton Site, project number 17366-30. The sample was received May 14, 2003, according to documented sample acceptance procedures.

The sample presented in this report was analyzed for the parameters listed on the analytical methods summary page in accordance with the methods indicated. Preliminary results were provided to Jeni Quigley, Ben Holly, and the Chemistry Department on May 20, 2003. A summary of QC data for these analyses is included at the rear of the report.

SUPPLEMENTAL QC INFORMATION

GC/MS VOLATILES

Sample OWS-1 was analyzed at a dilution due to foaming.

GC/MS SEMIVOLATILES

The matrix spike/matrix spike duplicate associated with sample OWS-1, batch 3136343, was analyzed at a dilution due to high analyte concentrations or matrix interference. Corrective action is not required for dilutions.

Sample OWS-1 had elevated reporting limits due to sample matrix.

GC VOLATILES

The matrix spike/matrix spike duplicate associated with sample OWS-1, batch 3136135, failed spike recovery criteria. The laboratory control sample/laboratory control sample duplicate and method blank associated with this batch were in control; therefore, no corrective action was necessary.

GC SEMIVOLATILES

The matrix spike/matrix spike duplicate associated with sample OWS-1, batch 3136092, was analyzed at a dilution due to high analyte concentrations or matrix interference. Corrective action is not required for dilutions.

CASE NARRATIVE (continued)

GENERAL CHEMISTRY

Matrix spike/duplicate spike recoveries were outside the acceptance limits for some analytes. The acceptable laboratory control sample analysis data indicated that the analytical system was operating within control and this condition is most likely due to matrix interference. See the Matrix Spike Report for the affected analytes which were flagged with "N".

STL utilizes USEPA approved methods in all analytical work. The results included in this report have been reviewed for compliance with the laboratory QA/QC plan. All data have been found to be compliant with laboratory protocol.

Amy McCormick

Amy McCormick
Project Manager

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 reparation 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)

Methylene chloride

Acetone

2-Butanone

Semivolatile (GC/MS)

Phthalate Esters

Metals

Copper

Iron

Zinc

Lead*

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

QUALITY CONTROL ELEMENTS OF SW-846 METHODS (Continued)

- 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 reparation 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 repped and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be repped 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, PAH, and Herbicide methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria.

STL North Canton Certifications and Approvals:

Alabama (#41170), California (#2157), Connecticut (#PH-0590), Florida (#E87225),
Illinois (#100439), Kansas (#E10336), Kentucky (#90021), Massachusetts (#M-OH048),
Maryland (#272), Minnesota (#39-999-348), Missouri (#6090), New Jersey (#74001),
New York (#10975), North Dakota (#R-156), Ohio (#6090), OhioVAP (#CL0024),
Pennsylvania (#68-340), Rhode Island (#237), South Carolina (#92007001, #92007002, #92007003),
Tennessee (#02903), West Virginia (#210), Wisconsin (#999518190), NAVY, ARMY,
USDA Soil Permit, ACIL Seal of Excellence - Participating Lab Status Award (#82)



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ANALYTICAL METHODS SUMMARY

A3E140209

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
Extractable Petroleum Hydrocarbons	SW846 8015B
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
N-Hexane Extractable Material (1664A)	CFR136A 1664A HEM
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B
Volatile Petroleum Hydrocarbons	SW846 8015B

References:

- CFR136A "Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.
- SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A3E140209

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
FNN6E	001	OWS-1	05/13/03	13:00

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.

ENCORE ENVIRONMENTAL CONSULTANT

Client Sample ID: OWS-1

GC/MS Volatiles

Lot-Sample #....: A3E140209-001 Work Order #....: FNN6E1AE Matrix.....: WG
 Date Sampled....: 05/13/03 13:00 Date Received...: 05/14/03
 Prep Date.....: 05/15/03 Analysis Date...: 05/15/03
 Prep Batch #....: 3136208
 Dilution Factor: 20 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	270	200	ug/L
Benzene	ND	20	ug/L
Bromodichloromethane	ND	20	ug/L
Bromoform	ND	20	ug/L
Bromomethane	ND	20	ug/L
2-Butanone	ND	200	ug/L
Carbon disulfide	ND	20	ug/L
Carbon tetrachloride	ND	20	ug/L
Chlorobenzene	ND	20	ug/L
Chloroethane	ND	20	ug/L
Chloroform	ND	20	ug/L
Chloromethane	ND	20	ug/L
Cyclohexane	ND	20	ug/L
Dibromochloromethane	ND	20	ug/L
1,2-Dibromo-3-chloro- propane	ND	40	ug/L
1,2-Dibromoethane	ND	20	ug/L
1,2-Dichlorobenzene	ND	20	ug/L
1,3-Dichlorobenzene	ND	20	ug/L
1,4-Dichlorobenzene	ND	20	ug/L
Dichlorodifluoromethane	ND	20	ug/L
1,1-Dichloroethane	ND	20	ug/L
1,2-Dichloroethane	ND	20	ug/L
1,1-Dichloroethene	ND	20	ug/L
cis-1,2-Dichloroethene	120	10	ug/L
trans-1,2-Dichloroethene	ND	10	ug/L
1,2-Dichloropropane	ND	20	ug/L
cis-1,3-Dichloropropene	ND	20	ug/L
trans-1,3-Dichloropropene	ND	20	ug/L
Ethylbenzene	ND	20	ug/L
2-Hexanone	ND	200	ug/L
Isopropylbenzene	ND	20	ug/L
Methyl acetate	ND	200	ug/L
Methylene chloride	ND	20	ug/L
Methylcyclohexane	ND	20	ug/L
4-Methyl-2-pentanone	ND	200	ug/L
Methyl tert-butyl ether	ND	100	ug/L
Styrene	ND	20	ug/L
1,1,2,2-Tetrachloroethane	ND	20	ug/L

(Continued on next page)

ENCORE ENVIRONMENTAL CONSULTANT

Client Sample ID: OWS-1

GC/MS Volatiles

Lot-Sample #....: A3E140209-001 Work Order #....: FNN6E1AE Matrix.....: WG

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Tetrachloroethane	ND	20	ug/L
Toluene	ND	20	ug/L
1,2,4-Trichloro- benzene	ND	20	ug/L
1,1,1-Trichloroethane	ND	20	ug/L
1,1,2-Trichloroethane	ND	20	ug/L
Trichloroethene	ND	20	ug/L
Trichlorofluoromethane	ND	20	ug/L
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	20	ug/L
Vinyl chloride	ND	20	ug/L
Xylenes (total)	ND	20	ug/L

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Dibromofluoromethane	102	(73 - 122)
1,2-Dichloroethane-d4	106	(61 - 128)
Toluene-d8	93	(76 - 110)
4-Bromofluorobenzene	87	(74 - 116)

NOTE(S):

Elevated reporting limits due to matrix interference.

ENCORE ENVIRONMENTAL CONSULTANT

Client Sample ID: ONS-1

GC/MS Semivolatiles

Lot-Sample #....: A3E140209-001 Work Order #....: FNN6E1DH Matrix.....: WG
 Date Sampled....: 05/13/03 13:00 Date Received...: 05/14/03
 Prep Date.....: 05/16/03 Analysis Date...: 05/20/03
 Prep Batch #....: 3136343
 Dilution Factor: 10 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING	
		LIMIT	UNITS
Acenaphthene	ND	100	ug/L
Acenaphthylene	ND	100	ug/L
Acetophenone	ND	100	ug/L
Anthracene	ND	100	ug/L
Atrazine	ND	100	ug/L
Benzo(a)anthracene	ND	100	ug/L
Benzo(a)pyrene	ND	100	ug/L
Benzo(b)fluoranthene	ND	100	ug/L
Benzo(ghi)perylene	ND	100	ug/L
Benzo(k)fluoranthene	ND	100	ug/L
Benzaldehyde	ND	100	ug/L
1,1'-Biphenyl	ND	100	ug/L
bis(2-Chloroethoxy) methane	ND	100	ug/L
bis(2-Chloroethyl)- ether	ND	100	ug/L
bis(2-Ethylhexyl) phthalate	ND	100	ug/L
4-Bromophenyl phenyl ether	ND	100	ug/L
Butyl benzyl phthalate	ND	100	ug/L
Caprolactam	ND	100	ug/L
Carbazole	ND	100	ug/L
4-Chloroaniline	ND	100	ug/L
4-Chloro-3-methylphenol	ND	100	ug/L
2-Chloronaphthalene	ND	100	ug/L
2-Chlorophenol	ND	100	ug/L
4-Chlorophenyl phenyl ether	ND	100	ug/L
Chrysene	ND	100	ug/L
Dibenz(a,h)anthracene	ND	100	ug/L
Dibenzofuran	ND	100	ug/L
3,3'-Dichlorobenzidine	ND	500	ug/L
2,4-Dichlorophenol	ND	100	ug/L
Diethyl phthalate	ND	100	ug/L
2,4-Dimethylphenol	ND	100	ug/L
Dimethyl phthalate	ND	100	ug/L
Di-n-butyl phthalate	ND	100	ug/L
4,6-Dinitro- 2-methylphenol	ND	500	ug/L

(Continued on next page)

KNCORE ENVIRONMENTAL CONSULTANT

Client Sample ID: OWS-1

GC/MS Semivolatiles

Lot-Sample #...: A3E140209-001 Work Order #...: FNN6E1DH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2,4-Dinitrophenol	ND	500	ug/L
2,4-Dinitrotoluene	ND	100	ug/L
2,6-Dinitrotoluene	ND	100	ug/L
Di-n-octyl phthalate	ND	100	ug/L
Fluoranthene	ND	100	ug/L
Fluorene	ND	100	ug/L
Hexachlorobenzene	ND	100	ug/L
Hexachlorobutadiene	ND	100	ug/L
Hexachlorocyclopenta- diene	ND	500	ug/L
Hexachloroethane	ND	100	ug/L
Indeno(1,2,3-cd)pyrene	ND	100	ug/L
Isophorone	ND	100	ug/L
2-Methylnaphthalene	ND	100	ug/L
2-Methylphenol	ND	100	ug/L
4-Methylphenol	ND	100	ug/L
Naphthalene	ND	100	ug/L
2-Nitroaniline	ND	500	ug/L
3-Nitroaniline	ND	500	ug/L
4-Nitroaniline	ND	500	ug/L
Nitrobenzene	ND	100	ug/L
2-Nitrophenol	ND	100	ug/L
4-Nitrophenol	ND	500	ug/L
N-Nitrosodi-n-propyl- amine	ND	100	ug/L
N-Nitrosodiphenylamine	ND	100	ug/L
2,2'-oxybis(1-Chloropropane)	ND	100	ug/L
Pentachlorophenol	ND	100	ug/L
Phenanthrene	ND	100	ug/L
Phenol	ND	100	ug/L
Pyrene	ND	100	ug/L
2,4,5-Trichloro- phenol	ND	100	ug/L
2,4,6-Trichloro- phenol	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	86 DIL	(32 - 112)
2-Fluorobiphenyl	32 DIL	(30 - 110)
Terphenyl-d14	25 DIL	(10 - 144)
Phenol-d5	104 DIL	(10 - 113)
2-Fluorophenol	68 DIL	(13 - 110)
2,4,6-Tribromophenol	63 DIL	(21 - 122)

NOTE(S):

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

ENCORE ENVIRONMENTAL CONSULTANT

Client Sample ID: OWS-1

GC Volatiles

Lot-Sample #....: A3E140209-001 Work Order #....: FNN6E1AH Matrix.....: WG
Date Sampled...: 05/13/03 13:00 Date Received...: 05/14/03
Prep Date.....: 05/15/03 Analysis Date...: 05/15/03
Prep Batch #....: 3136135
Dilution Factor: 10 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
TPH (as Gasoline)	2700	1000	ug/L
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	
Trifluorotoluene	101	(10 - 150)	

ENCORE ENVIRONMENTAL CONSULTANT

Client Sample ID: OWS-1

GC Semivolatiles

Lot-Sample #...: A3E140209-001 Work Order #...: FNN6E1AL Matrix.....: WG
Date Sampled...: 05/13/03 13:00 Date Received...: 05/14/03
Prep Date.....: 05/16/03 Analysis Date...: 05/19/03
Prep Batch #...: 3136092
Dilution Factor: 20 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>
TPH (as Diesel)	21000	2000	ug/L
<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>	
C9 (nonane)	17 DIL	(15 - 110)	

NOTE(S):

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

ENCORE ENVIRONMENTAL CONSULTANT

Client Sample ID: OWS-1

TOTAL Metals

Lot-Sample #...: A3E140209-001

Matrix.....: WG

Date Sampled...: 05/13/03 13:00 Date Received...: 05/14/03

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 3136099						
Silver	ND	0.010	mg/L	SW846 6010B	05/16/03	FNN6E1AT
		Dilution Factor: 1				
Arsenic	ND	0.010	mg/L	SW846 6010B	05/16/03	FNN6E1C1
		Dilution Factor: 1				
Barium	0.27	0.20	mg/L	SW846 6010B	05/16/03	FNN6E1AW
		Dilution Factor: 1				
Beryllium	ND	0.0050	mg/L	SW846 6010B	05/16-05/19/03	FNN6E1A1
		Dilution Factor: 1				
Cadmium	ND	0.0050	mg/L	SW846 6010B	05/16/03	FNN6E1A4
		Dilution Factor: 1				
Cobalt	ND	0.050	mg/L	SW846 6010B	05/16-05/19/03	FNN6E1A7
		Dilution Factor: 1				
Chromium	0.018	0.010	mg/L	SW846 6010B	05/16/03	FNN6E1CA
		Dilution Factor: 1				
Copper	0.37	0.025	mg/L	SW846 6010B	05/16/03	FNN6E1CE
		Dilution Factor: 1				
Mercury	ND	0.00020	mg/L	SW846 7470A	05/16-05/19/03	FNN6E1DE
		Dilution Factor: 1				
Molybdenum	ND	0.040	mg/L	SW846 6010B	05/16/03	FNN6E1CH
		Dilution Factor: 1				
Nickel	ND	0.040	mg/L	SW846 6010B	05/16/03	FNN6E1CL
		Dilution Factor: 1				
Lead	0.012	0.0030	mg/L	SW846 6010B	05/16/03	FNN6E1C4
		Dilution Factor: 1				
Antimony	0.13	0.060	mg/L	SW846 6010B	05/16/03	FNN6E1CP
		Dilution Factor: 1				
Selenium	ND	0.0050	mg/L	SW846 6010B	05/16/03	FNN6E1C7
		Dilution Factor: 1				

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ENCORE ENVIRONMENTAL CONSULTANT

Client Sample ID: OWS-1

TOTAL Metals

Lot-Sample #....: A3E140209-001

Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Thallium	ND	0.010	mg/L	SW846 6010B	05/16/03	FNN6E1DA
		Dilution Factor: 1				
Vanadium	ND	0.050	mg/L	SW846 6010B	05/16/03	FNN6E1CT
		Dilution Factor: 1				
Zinc	0.38	0.020	mg/L	SW846 6010B	05/16/03	FNN6E1CW
		Dilution Factor: 1				

ENCORE ENVIRONMENTAL CONSULTANT

Client Sample ID: OWS-1

General Chemistry

Lot-Sample #....: A3E140209-001 Work Order #....: FNN6E Matrix.....: WG
Date Sampled....: 05/13/03 13:00 Date Received...: 05/14/03

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
n-Hexane Extractable Material	47.6	5.0	mg/L	CFR136A 1664A HEM	05/16/03	3136443

Dilution Factor: 1

QUALITY CONTROL SECTION

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: A3E140209
 MB Lot-Sample #: A3E160000-208
 Analysis Date...: 05/15/03
 Dilution Factor: 1

Work Order #....: FNT861AA
 Prep Date.....: 05/15/03
 Prep Batch #....: 3136208

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD
		LIMIT	UNITS	
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro- propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	0.50	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	0.50	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: A3E140209

Work Order #....: FNT861AA

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD
		LIMIT	UNITS	
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Dibromofluoromethane	103	(73 - 122)
1,2-Dichloroethane-d4	107	(61 - 128)
Toluene-d8	96	(76 - 110)
4-Bromofluorobenzene	85	(74 - 116)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: A3E140209 Work Order #....: FNT861AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: A3E160000-208 FNT861AD-LCSD
 Prep Date.....: 05/15/03 Analysis Date...: 05/15/03
 Prep Batch #....: 3136208
 Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	10	10	ug/L	102		SW846 8260B
	10	10	ug/L	100	2.4	SW846 8260B
Chlorobenzene	10	9.4	ug/L	94		SW846 8260B
	10	9.3	ug/L	93	0.86	SW846 8260B
1,1-Dichloroethene	10	8.7	ug/L	87		SW846 8260B
	10	8.5	ug/L	85	2.0	SW846 8260B
Toluene	10	9.8	ug/L	98		SW846 8260B
	10	9.7	ug/L	97	1.6	SW846 8260B
Trichloroethene	10	9.0	ug/L	90		SW846 8260B
	10	8.8	ug/L	88	1.8	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(73 - 122)
	102	(73 - 122)
1,2-Dichloroethane-d4	99	(61 - 128)
	104	(61 - 128)
Toluene-d8	95	(76 - 110)
	96	(76 - 110)
4-Bromofluorobenzene	89	(74 - 116)
	94	(74 - 116)

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/MS Volatiles

Client Lot #....: A3E140209 Work Order #....: FNT861AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: A3E160000-208 FNT861AD-LCSD
 Prep Date.....: 05/15/03 Analysis Date...: 05/15/03
 Prep Batch #....: 3136208
 Dilution Factor: 1

PARAMETER	PERCENT	RECOVERY	RPD		METHOD
	RECOVERY	LIMITS	RPD	LIMITS	
Benzene	102	(80 - 116)			SW846 8260B
	100	(80 - 116)	2.4	(0-20)	SW846 8260B
Chlorobenzene	94	(76 - 117)			SW846 8260B
	93	(76 - 117)	0.86	(0-20)	SW846 8260B
1,1-Dichloroethene	87	(63 - 130)			SW846 8260B
	85	(63 - 130)	2.0	(0-20)	SW846 8260B
Toluene	98	(74 - 119)			SW846 8260B
	97	(74 - 119)	1.6	(0-20)	SW846 8260B
Trichloroethene	90	(75 - 122)			SW846 8260B
	88	(75 - 122)	1.8	(0-20)	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Dibromofluoromethane	99	(73 - 122)
	102	(73 - 122)
1,2-Dichloroethane-d4	99	(61 - 128)
	104	(61 - 128)
Toluene-d8	95	(76 - 110)
	96	(76 - 110)
4-Bromofluorobenzene	89	(74 - 116)
	94	(74 - 116)

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/MS Volatiles

Client Lot #....: A3E140209 Work Order #....: FNN6E1AF-MS Matrix.....: WG
 MS Lot-Sample #: A3E140209-001 FNN6E1AG-MSD
 Date Sampled...: 05/13/03 13:00 Date Received...: 05/14/03
 Prep Date.....: 05/15/03 Analysis Date...: 05/15/03
 Prep Batch #....: 3136208
 Dilution Factor: 20

PARAMETER	SAMPLE	SPIKE	MEASRD	UNITS	PERCNT		METHOD
	AMOUNT	AMT	AMOUNT		RECVRY	RPD	
Benzene	ND	200	210	ug/L	106		SW846 8260B
	ND	200	200	ug/L	102	3.9	SW846 8260B
Chlorobenzene	ND	200	190	ug/L	97		SW846 8260B
	ND	200	190	ug/L	95	1.8	SW846 8260B
1,1-Dichloroethene	ND	200	180	ug/L	91		SW846 8260B
	ND	200	170	ug/L	85	7.2	SW846 8260B
Toluene	ND	200	200	ug/L	101		SW846 8260B
	ND	200	200	ug/L	99	2.1	SW846 8260B
Trichloroethene	ND	200	190	ug/L	94		SW846 8260B
	ND	200	190	ug/L	94	0.14	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Dibromofluoromethane	103	(73 - 122)
	99	(73 - 122)
1,2-Dichloroethane-d4	104	(61 - 128)
	102	(61 - 128)
Toluene-d8	97	(76 - 110)
	96	(76 - 110)
4-Bromofluorobenzene	92	(74 - 116)
	89	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: A3E140209 Work Order #....: FNN6E1AF-MS Matrix.....: WG
 MS Lot-Sample #: A3E140209-001 FNN6E1AG-MSD
 Date Sampled....: 05/13/03 13:00 Date Received...: 05/14/03
 Prep Date.....: 05/15/03 Analysis Date...: 05/15/03
 Prep Batch #....: 3136208
 Dilution Factor: 20

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	106	(78 - 118)			SW846 8260B
	102	(78 - 118)	3.9	(0-20)	SW846 8260B
Chlorobenzene	97	(76 - 117)			SW846 8260B
	95	(76 - 117)	1.8	(0-20)	SW846 8260B
1,1-Dichloroethene	91	(62 - 130)			SW846 8260B
	85	(62 - 130)	7.2	(0-20)	SW846 8260B
Toluene	101	(70 - 119)			SW846 8260B
	99	(70 - 119)	2.1	(0-20)	SW846 8260B
Trichloroethene	94	(62 - 130)			SW846 8260B
	94	(62 - 130)	0.14	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(73 - 122)
	99	(73 - 122)
1,2-Dichloroethane-d4	104	(61 - 128)
	102	(61 - 128)
Toluene-d8	97	(76 - 110)
	96	(76 - 110)
4-Bromofluorobenzene	92	(74 - 116)
	89	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #....: A3E140209
 MB Lot-Sample #: A3E160000-343

Work Order #....: FNV831AA

Matrix.....: WATER

Analysis Date...: 05/20/03
 Dilution Factor: 1

Prep Date.....: 05/16/03

Prep Batch #....: 3136343

PARAMETER	RESULT	REPORTING		METHOD
		LIMIT	UNITS	
Acenaphthene	ND	10	ug/L	SW846 8270C
Acenaphthylene	ND	10	ug/L	SW846 8270C
Acetophenone	ND	10	ug/L	SW846 8270C
Anthracene	ND	10	ug/L	SW846 8270C
Atrazine	ND	10	ug/L	SW846 8270C
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C
Benzaldehyde	ND	10	ug/L	SW846 8270C
1,1'-Biphenyl	ND	10	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C
bis(2-Chloroethyl)- ether	ND	10	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	10	ug/L	SW846 8270C
Caprolactam	ND	10	ug/L	SW846 8270C
Carbazole	ND	10	ug/L	SW846 8270C
4-Chloroaniline	ND	10	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	10	ug/L	SW846 8270C
2-Chloronaphthalene	ND	10	ug/L	SW846 8270C
2-Chlorophenol	ND	10	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Chrysene	ND	10	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C
Dibenzofuran	ND	10	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	50	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
Diethyl phthalate	ND	10	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C
Dimethyl phthalate	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	10	ug/L	SW846 8270C
4,6-Dinitro- 2-methylphenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	50	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #....: A3E140209

Work Order #....: FNV831AA

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
2,4-Dinitrotoluene	ND	10	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	10	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	10	ug/L	SW846 8270C
Fluoranthene	ND	10	ug/L	SW846 8270C
Fluorene	ND	10	ug/L	SW846 8270C
Hexachlorobenzene	ND	10	ug/L	SW846 8270C
Hexachlorobutadiene	ND	10	ug/L	SW846 8270C
Hexachlorocyclopentadiene	ND	50	ug/L	SW846 8270C
Hexachloroethane	ND	10	ug/L	SW846 8270C
Indeno (1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C
Isophorone	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
4-Methylphenol	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
2-Nitroaniline	ND	50	ug/L	SW846 8270C
3-Nitroaniline	ND	50	ug/L	SW846 8270C
4-Nitroaniline	ND	50	ug/L	SW846 8270C
Nitrobenzene	ND	10	ug/L	SW846 8270C
2-Nitrophenol	ND	10	ug/L	SW846 8270C
4-Nitrophenol	ND	50	ug/L	SW846 8270C
N-Nitrosodi-n-propylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
2,2'-oxybis(1-Chloropropa	ND	10	ug/L	SW846 8270C
Pentachlorophenol	ND	10	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C
2,4,5-Trichlorophenol	ND	10	ug/L	SW846 8270C
2,4,6-Trichlorophenol	ND	10	ug/L	SW846 8270C

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Nitrobenzene-d5	79	(32 - 112)
2-Fluorobiphenyl	68	(30 - 110)
Terphenyl-d14	84	(10 - 144)
Phenol-d5	86	(10 - 113)
2-Fluorophenol	74	(13 - 110)
2,4,6-Tribromophenol	66	(21 - 122)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #....: A3E140209 Work Order #....: FNV831AC Matrix.....: WATER
 LCS Lot-Sample#: A3E160000-343
 Prep Date.....: 05/16/03 Analysis Date...: 05/20/03
 Prep Batch #....: 3136343
 Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>METHOD</u>
Acenaphthene	20	16	ug/L	81	SW846 8270C
1,2,4-Trichloro-benzene	20	14	ug/L	72	SW846 8270C
1,4-Dichlorobenzene	20	15	ug/L	73	SW846 8270C
4-Chloro-3-methylphenol	20	17	ug/L	84	SW846 8270C
2-Chlorophenol	20	16	ug/L	78	SW846 8270C
2,4-Dinitrotoluene	20	16	ug/L	79	SW846 8270C
4-Nitrophenol	20	13	ug/L	67	SW846 8270C
N-Nitrosodi-n-propyl-amine	20	16	ug/L	78	SW846 8270C
Pentachlorophenol	20	10	ug/L	50	SW846 8270C
Phenol	20	16	ug/L	82	SW846 8270C
Pyrene	20	17	ug/L	84	SW846 8270C

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Nitrobenzene-d5	77	(32 - 112)
2-Fluorobiphenyl	71	(30 - 110)
Terphenyl-d14	85	(10 - 144)
Phenol-d5	82	(10 - 113)
2-Fluorophenol	73	(13 - 110)
2,4,6-Tribromophenol	75	(21 - 122)

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/MS Semivolatiles

Client Lot #....: A3E140209
 LCS Lot-Sample#: A3E160000-343
 Prep Date.....: 05/16/03
 Prep Batch #....: 3136343
 Dilution Factor: 1

Work Order #....: FNV831AC
 Analysis Date...: 05/20/03

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Acenaphthene	81	(39 - 118)	SW846 8270C
1,2,4-Trichloro-benzene	72	(31 - 110)	SW846 8270C
1,4-Dichlorobenzene	73	(28 - 110)	SW846 8270C
4-Chloro-3-methylphenol	84	(29 - 124)	SW846 8270C
2-Chlorophenol	78	(19 - 124)	SW846 8270C
2,4-Dinitrotoluene	79	(47 - 131)	SW846 8270C
4-Nitrophenol	67	(19 - 144)	SW846 8270C
N-Nitrosodi-n-propyl-amine	78	(30 - 115)	SW846 8270C
Pentachlorophenol	50	(10 - 140)	SW846 8270C
Phenol	82	(10 - 131)	SW846 8270C
Pyrene	84	(46 - 130)	SW846 8270C

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Nitrobenzene-d5	77	(32 - 112)
2-Fluorobiphenyl	71	(30 - 110)
Terphenyl-d14	85	(10 - 144)
Phenol-d5	82	(10 - 113)
2-Fluorophenol	73	(13 - 110)
2,4,6-Tribromophenol	75	(21 - 122)

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/MS Semivolatiles

Client Lot #....: A3E140209 Work Order #....: FNN6E1DJ-MS Matrix.....: WG
 MS Lot-Sample #: A3E140209-001 FNN6E1DK-MSD
 Date Sampled....: 05/13/03 13:00 Date Received...: 05/14/03
 Prep Date.....: 05/16/03 Analysis Date...: 05/20/03
 Prep Batch #....: 3136343
 Dilution Factor: 10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECVRY	RPD	METHOD
Acenaphthene	ND	40	24	ug/L	61 DIL		SW846 8270C
	ND	40	26	ug/L	66 DIL	8.5	SW846 8270C
1,2,4-Trichloro-benzene	ND	40	25	ug/L	63 DIL		SW846 8270C
	ND	40	28	ug/L	70 DIL	10	SW846 8270C
1,4-Dichlorobenzene	ND	40	32	ug/L	79 DIL		SW846 8270C
	ND	40	35	ug/L	86 DIL	8.9	SW846 8270C
4-Chloro-3-methylphenol	ND	40	39	ug/L	96 DIL		SW846 8270C
	ND	40	42	ug/L	105	8.3	SW846 8270C
	Qualifiers: DIL						
2-Chlorophenol	ND	40	36	ug/L	90 DIL		SW846 8270C
	ND	40	38	ug/L	96 DIL	5.8	SW846 8270C
2,4-Dinitrotoluene	ND	40	28	ug/L	70 DIL		SW846 8270C
	ND	40	30	ug/L	75 DIL	7.1	SW846 8270C
4-Nitrophenol	ND	40	24	ug/L	59 DIL		SW846 8270C
	ND	40	0.0	ug/L	0.0	200	SW846 8270C
	Qualifiers: DIL, a, p						
N-Nitrosodi-n-propyl-amine	ND	40	35	ug/L	88 DIL		SW846 8270C
	ND	40	39	ug/L	98 DIL	9.9	SW846 8270C
Pentachlorophenol	ND	40		ug/L	43 DIL		SW846 8270C
	ND	40	24	ug/L	61 DIL	35	SW846 8270C
Phenol	ND	40	46	ug/L	91 DIL		SW846 8270C
	ND	40	50	ug/L	102	9.3	SW846 8270C
	Qualifiers: DIL						
Pyrene	ND	40	23	ug/L	58 DIL		SW846 8270C
	ND	40	24	ug/L	60 DIL	2.4	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	81 DIL	(32 - 112)
	82 DIL	(32 - 112)
2-Fluorobiphenyl	36 DIL	(30 - 110)
	43 DIL	(30 - 110)
Terphenyl-d14	29 DIL	(10 - 144)
	33 DIL	(10 - 144)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #....: A3E140209 Work Order #....: FNN6E1DJ-MS Matrix.....: WG
MS Lot-Sample #: A3E140209-001 FNN6E1DK-MSD

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Phenol-d5	93 DIL	(10 - 113)
	101 DIL	(10 - 113)
2-Fluorophenol	81 DIL	(13 - 110)
	86 DIL	(13 - 110)
2,4,6-Tribromophenol	61 DIL	(21 - 122)
	71 DIL	(21 - 122)

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.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #....: A3E140209 Work Order #....: FNN6E1DJ-MS Matrix.....: WG
 MS Lot-Sample #: A3E140209-001 FNN6E1DK-MSD
 Date Sampled....: 05/13/03 13:00 Date Received...: 05/14/03
 Prep Date.....: 05/16/03 Analysis Date...: 05/20/03
 Prep Batch #....: 3136343
 Dilution Factor: 10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	61 DIL	(26 - 118)			SW846 8270C
	66 DIL	(26 - 118)	8.5	(0-35)	SW846 8270C
1,2,4-Trichloro-benzene	63 DIL	(22 - 110)			SW846 8270C
	70 DIL	(22 - 110)	10	(0-37)	SW846 8270C
1,4-Dichlorobenzene	79 DIL	(18 - 110)			SW846 8270C
	86 DIL	(18 - 110)	8.9	(0-36)	SW846 8270C
4-Chloro-3-methylphenol	96 DIL	(21 - 124)			SW846 8270C
	105 DIL	(21 - 124)	8.3	(0-55)	SW846 8270C
2-Chlorophenol	90 DIL	(19 - 124)			SW846 8270C
	96 DIL	(19 - 124)	5.8	(0-43)	SW846 8270C
2,4-Dinitrotoluene	70 DIL	(31 - 131)			SW846 8270C
	75 DIL	(31 - 131)	7.1	(0-32)	SW846 8270C
4-Nitrophenol	59 DIL	(10 - 145)			SW846 8270C
	0.0	(10 - 145)	200	(0-34)	SW846 8270C
	Qualifiers: DIL,a,p				
N-Nitrosodi-n-propyl-amine	88 DIL	(18 - 115)			SW846 8270C
	98 DIL	(18 - 115)	9.9	(0-36)	SW846 8270C
Pentachlorophenol	43 DIL	(10 - 140)			SW846 8270C
	61 DIL	(10 - 140)	35	(0-56)	SW846 8270C
Phenol	91 DIL	(10 - 131)			SW846 8270C
	102 DIL	(10 - 131)	9.3	(0-43)	SW846 8270C
Pyrene	58 DIL	(27 - 138)			SW846 8270C
	60 DIL	(27 - 138)	2.4	(0-31)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	81 DIL	(32 - 112)
	82 DIL	(32 - 112)
2-Fluorobiphenyl	36 DIL	(30 - 110)
	43 DIL	(30 - 110)
Terphenyl-d14	29 DIL	(10 - 144)
	33 DIL	(10 - 144)
Phenol-d5	93 DIL	(10 - 113)
	101 DIL	(10 - 113)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A3E140209 Work Order #...: FNN6E1DJ-MS Matrix.....: WG
MS Lot-Sample #: A3E140209-001 FNN6E1DK-MSD

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
2-Fluorophenol	81 DIL	(13 - 110)
	86 DIL	(13 - 110)
2,4,6-Tribromophenol	61 DIL	(21 - 122)
	71 DIL	(21 - 122)

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.

METHOD BLANK REPORT

GC Volatiles

Client Lot #....: A3E140209
MB Lot-Sample #: A3E160000-135
Analysis Date...: 05/15/03
Dilution Factor: 1

Work Order #....: FNT4J1AA
Prep Date.....: 05/15/03
Prep Batch #....: 3136135

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
TPH (as Gasoline)	ND	100	ug/L	SW846 8015B
<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>		
Trifluorotoluene	80	(10 - 150)		

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #....: A3E140209 Work Order #....: FNT4J1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: A3E160000-135 FNT4JLAD-LCSD
 Prep Date.....: 05/15/03 Analysis Date...: 05/15/03
 Prep Batch #....: 3136135
 Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE</u> <u>AMOUNT</u>	<u>MEASURED</u> <u>AMOUNT</u>	<u>UNITS</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RPD</u>	<u>METHOD</u>
TPH (as Gasoline)	200	220	ug/L	109		SW846 8015B
	200	200	ug/L	102	6.6	SW846 8015B
<u>SURROGATE</u>				<u>PERCENT</u> <u>RECOVERY</u>		<u>RECOVERY</u> <u>LIMITS</u>
Trifluorotoluene				104		(10 - 150)
				97		(10 - 150)

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 Volatiles

Client Lot #....: A3E140209 Work Order #....: FNT4J1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: A3E160000-135 FNT4J1AD-LCSD
 Prep Date.....: 05/15/03 Analysis Date...: 05/15/03
 Prep Batch #....: 3136135
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
TPH (as Gasoline)	109	(75 - 137)			SW846 8015B
	102	(75 - 137)	6.6	(0-20)	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	104	(10 - 150)
	97	(10 - 150)

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 Volatiles

Client Lot #....: A3E140209 Work Order #....: FNN6E1AJ-MS Matrix.....: WG
 MS Lot-Sample #: A3E140209-001 FNN6E1AK-MSD
 Date Sampled...: 05/13/03 13:00 Date Received...: 05/14/03
 Prep Date.....: 05/15/03 Analysis Date...: 05/15/03
 Prep Batch #....: 3136135
 Dilution Factor: 1

PARAMETER	SAMPLE	SPIKE	MEASRD	UNITS	PERCNT		METHOD
	AMOUNT	AMT	AMOUNT		RECVRY	RPD	
TPH (as Gasoline)	2700	2000	3900	ug/L	59 a		SW846 8015B
	2700	2000	3600	ug/L	45 a	7.4	SW846 8015B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Trifluorotoluene	111	(10 - 150)
	107	(10 - 150)

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.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #....: A3E140209 Work Order #....: FNN6E1AJ-MS Matrix.....: WG
 MS Lot-Sample #: A3E140209-001 FNN6E1AK-MSD
 Date Sampled...: 05/13/03 13:00 Date Received...: 05/14/03
 Prep Date.....: 05/15/03 Analysis Date...: 05/15/03
 Prep Batch #....: 3136135
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
TPH (as Gasoline)	59 a 45 a	(81 - 121) (81 - 121)	7.4	(0-23)	SW846 8015B SW846 8015B
<u>SURROGATE</u>		<u>PERCENT RECOVERY</u>		<u>RECOVERY LIMITS</u>	
Trifluorotoluene		111 107		(10 - 150) (10 - 150)	

NOTE(S):

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

Bold print denotes control parameters

1 Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #....: A3E140209
MB Lot-Sample #: A3E160000-092

Work Order #....: FNT091AA

Matrix.....: WATER

Analysis Date...: 05/20/03
Dilution Factor: 1

Prep Date.....: 05/16/03
Prep Batch #....: 3136092

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
TPH (as Diesel)	ND	100	ug/L	SW846 8015B
<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>		
C9 (nonane)	24	(15 - 110)		

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #....: A3E140209 Work Order #....: FNT091AC Matrix.....: WATER
 LCS Lot-Sample#: A3E160000-092
 Prep Date.....: 05/16/03 Analysis Date...: 05/19/03
 Prep Batch #....: 3136092
 Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>METHOD</u>
TPH (as Diesel)	500	560	ug/L	111	SW846 8015B
<u>SURROGATE</u>		<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>		
C9 (nonane)		35	(15 - 110)		

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 #....: A3E140209 Work Order #....: FNT091AC Matrix.....: WATER
 LCS Lot-Sample#: A3E160000-092
 Prep Date.....: 05/16/03 Analysis Date...: 05/19/03
 Prep Batch #....: 3136092
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
TPH (as Diesel)	111	(41 - 149)	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
C9 (nonane)	35	(15 - 110)

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 #...: A3E140209 Work Order #...: FNN6E1AM-MS Matrix.....: WG
 MS Lot-Sample #: A3E140209-001 FNN6E1AN-MSD
 Date Sampled...: 05/13/03 13:00 Date Received...: 05/14/03
 Prep Date.....: 05/16/03 Analysis Date...: 05/20/03
 Prep Batch #...: 3136092
 Dilution Factor: 10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT		METHOD	
					RECVRY	RPD		
TPH (as Diesel)	21000	1000	15000	ug/L	0.0		SN846 8015B	
	Qualifiers: DIL, a							
	21000	1000	21000	ug/L	0.0	0.0	SN846 8015B	
	Qualifiers: DIL, a							

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
	C9 (nonane)	11 DIL,
	9.8	(15 - 110)
	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.
- * Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #....: A3E140209 Work Order #....: FNN6E1AM-MS Matrix.....: WG
 MS Lot-Sample #: A3E140209-001 FNN6E1AN-MSD
 Date Sampled...: 05/13/03 13:00 Date Received...: 05/14/03
 Prep Date.....: 05/16/03 Analysis Date...: 05/20/03
 Prep Batch #....: 3136092
 Dilution Factor: 10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Diesel)	0.0 DIL,a	(70 - 130)			SW846 8015B
	0.0 DIL,a	(70 - 130)	0.0	(0-50)	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
C9 (nonane)	11 DIL, 9.8	(15 - 110) (15 - 110)

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.
 - * Surrogate recovery is outside stated control limits.

METHOD BLANK REPORT

TOTAL Metals

Matrix.....: WATER

Client Lot #....: A3E140209

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A3E160000-099 Prep Batch #....: 3136099						
Antimony	ND	0.060	mg/L	SW846 6010B	05/16/03	FNT1Q1AL
		Dilution Factor: 1				
Arsenic	ND	0.010	mg/L	SW846 6010B	05/16-05/19/03	FNT1Q1AP
		Dilution Factor: 1				
Barium	ND	0.20	mg/L	SW846 6010B	05/16/03	FNT1Q1AC
		Dilution Factor: 1				
Beryllium	ND	0.0050	mg/L	SW846 6010B	05/16-05/19/03	FNT1Q1AD
		Dilution Factor: 1				
Cadmium	ND	0.0050	mg/L	SW846 6010B	05/16/03	FNT1Q1AE
		Dilution Factor: 1				
Chromium	ND	0.010	mg/L	SW846 6010B	05/16/03	FNT1Q1AG
		Dilution Factor: 1				
Cobalt	ND	0.050	mg/L	SW846 6010B	05/16-05/19/03	FNT1Q1AF
		Dilution Factor: 1				
Copper	ND	0.025	mg/L	SW846 6010B	05/16/03	FNT1Q1AH
		Dilution Factor: 1				
Lead	ND	0.0030	mg/L	SW846 6010B	05/16/03	FNT1Q1AQ
		Dilution Factor: 1				
Mercury	ND	0.00020	mg/L	SW846 7470A	05/16-05/19/03	FNT1Q1AU
		Dilution Factor: 1				
Molybdenum	ND	0.040	mg/L	SW846 6010B	05/16/03	FNT1Q1AJ
		Dilution Factor: 1				
Nickel	ND	0.040	mg/L	SW846 6010B	05/16/03	FNT1Q1AK
		Dilution Factor: 1				
Selenium	ND	0.0050	mg/L	SW846 6010B	05/16/03	FNT1Q1AR
		Dilution Factor: 1				
Silver	ND	0.010	mg/L	SW846 6010B	05/16/03	FNT1Q1AA
		Dilution Factor: 1				
Thallium	ND	0.010	mg/L	SW846 6010B	05/16/03	FNT1Q1AT
		Dilution Factor: 1				

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: A3E140209

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Vanadium	ND	0.050	mg/L	SW846 6010B	05/16/03	FNT1Q1AM
		Dilution Factor: 1				
Zinc	ND	0.020	mg/L	SW846 6010B	05/16/03	FNT1Q1AM
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: A3E140209

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A3E160000-099 Prep Batch #....: 3136099							
Silver	0.050	0.057	mg/L	114	SW846 6010B	05/16/03	FNT1Q1AV
			Dilution Factor: 1				
Barium	2.0	2.0	mg/L	99	SW846 6010B	05/16/03	FNT1Q1AW
			Dilution Factor: 1				
Beryllium	0.050	0.053	mg/L	105	SW846 6010B	05/16-05/19/03	FNT1Q1AX
			Dilution Factor: 1				
Cadmium	0.050	0.050	mg/L	99	SW846 6010B	05/16/03	FNT1Q1A0
			Dilution Factor: 1				
Cobalt	0.50	0.51	mg/L	101	SW846 6010B	05/16-05/19/03	FNT1Q1A1
			Dilution Factor: 1				
Chromium	0.20	0.19	mg/L	94	SW846 6010B	05/16/03	FNT1Q1A2
			Dilution Factor: 1				
Copper	0.25	0.26	mg/L	103	SW846 6010B	05/16/03	FNT1Q1A3
			Dilution Factor: 1				
Molybdenum	1.0	1.0	mg/L	104	SW846 6010B	05/16/03	FNT1Q1A4
			Dilution Factor: 1				
Nickel	0.50	0.49	mg/L	97	SW846 6010B	05/16/03	FNT1Q1A5
			Dilution Factor: 1				
Antimony	0.50	0.55	mg/L	110	SW846 6010B	05/16/03	FNT1Q1A6
			Dilution Factor: 1				
Vanadium	0.50	0.48	mg/L	96	SW846 6010B	05/16/03	FNT1Q1A7
			Dilution Factor: 1				
Zinc	0.50	0.51	mg/L	103	SW846 6010B	05/16/03	FNT1Q1A8
			Dilution Factor: 1				
Arsenic	2.0	2.0	mg/L	102	SW846 6010B	05/16-05/19/03	FNT1Q1A9
			Dilution Factor: 1				
Lead	0.50	0.48	mg/L	97	SW846 6010B	05/16/03	FNT1Q1CA
			Dilution Factor: 1				

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A3E140209

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Selenium	2.0	2.1	mg/L	104	SW846 6010B	05/16/03	FNT1Q1CC
			Dilution Factor: 1				
Thallium	2.0	2.0	mg/L	102	SW846 6010B	05/16/03	FNT1Q1CD
			Dilution Factor: 1				
Mercury	0.0050	0.0044	mg/L	88	SW846 7470A	05/16-05/19/03	FNT1Q1CE
			Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: A3E140209

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
LCS Lot-Sample#: A3E160000-099 Prep Batch #....: 3136099					
Silver	114	(80 - 120)	SW846 6010B	05/16/03	FNT1Q1AV
		Dilution Factor: 1			
Barium	99	(80 - 120)	SW846 6010B	05/16/03	FNT1Q1AW
		Dilution Factor: 1			
Beryllium	105	(80 - 120)	SW846 6010B	05/16-05/19/03	FNT1Q1AX
		Dilution Factor: 1			
Cadmium	99	(80 - 120)	SW846 6010B	05/16/03	FNT1Q1AA
		Dilution Factor: 1			
Cobalt	101	(80 - 120)	SW846 6010B	05/16-05/19/03	FNT1Q1AA
		Dilution Factor: 1			
Chromium	94	(80 - 120)	SW846 6010B	05/16/03	FNT1Q1AB
		Dilution Factor: 1			
Copper	103	(80 - 120)	SW846 6010B	05/16/03	FNT1Q1AC
		Dilution Factor: 1			
Molybdenum	104	(80 - 120)	SW846 6010B	05/16/03	FNT1Q1AD
		Dilution Factor: 1			
Nickel	97	(80 - 120)	SW846 6010B	05/16/03	FNT1Q1AE
		Dilution Factor: 1			
Antimony	110	(80 - 120)	SW846 6010B	05/16/03	FNT1Q1AF
		Dilution Factor: 1			
Vanadium	96	(80 - 120)	SW846 6010B	05/16/03	FNT1Q1AG
		Dilution Factor: 1			
Zinc	103	(80 - 120)	SW846 6010B	05/16/03	FNT1Q1AH
		Dilution Factor: 1			
Arsenic	102	(80 - 120)	SW846 6010B	05/16-05/19/03	FNT1Q1AI
		Dilution Factor: 1			
Lead	97	(80 - 120)	SW846 6010B	05/16/03	FNT1Q1CA
		Dilution Factor: 1			

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A3E140209

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Selenium	104	(80 - 120) Dilution Factor: 1	SW846 6010B	05/16/03	FNT1Q1CC
Thallium	102	(80 - 120) Dilution Factor: 1	SW846 6010B	05/16/03	FNT1Q1CD
Mercury	88	(70 - 118) Dilution Factor: 1	SW846 7470A	05/16-05/19/03	FNT1Q1CE

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: A3E140209

Matrix.....: WG

Date Sampled....: 05/13/03 13:00 Date Received...: 05/14/03

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A3E140209-001 Prep Batch #....: 3136099									
Antimony									
	0.13	0.50	0.66	mg/L	106		SW846 6010B	05/16/03	FNN6E1CQ
	0.13	0.50	0.66	mg/L	105	0.53	SW846 6010B	05/16/03	FNN6E1CR
	Dilution Factor: 1								
Arsenic									
	ND	2.0	2.0	mg/L	100		SW846 6010B	05/16/03	FNN6E1C2
	ND	2.0	2.0	mg/L	99	1.4	SW846 6010B	05/16/03	FNN6E1C3
	Dilution Factor: 1								
Barium									
	0.27	2.0	2.1	mg/L	94		SW846 6010B	05/16/03	FNN6E1AX
	0.27	2.0	2.1	mg/L	93	0.97	SW846 6010B	05/16/03	FNN6E1A0
	Dilution Factor: 1								
Beryllium									
	ND	0.050	0.049	mg/L	98		SW846 6010B	05/16-05/19/03	FNN6E1A2
	ND	0.050	0.050	mg/L	100	2.8	SW846 6010B	05/16-05/19/03	FNN6E1A3
	Dilution Factor: 1								
Cadmium									
	ND	0.050	0.047	mg/L	93		SW846 6010B	05/16/03	FNN6E1A5
	ND	0.050	0.047	mg/L	92	1.4	SW846 6010B	05/16/03	FNN6E1A6
	Dilution Factor: 1								
Chromium									
	0.018	0.20	0.20	mg/L	89		SW846 6010B	05/16/03	FNN6E1CC
	0.018	0.20	0.19	mg/L	87	1.3	SW846 6010B	05/16/03	FNN6E1CD
	Dilution Factor: 1								
Cobalt									
	ND	0.50	0.48	mg/L	95		SW846 6010B	05/16-05/19/03	FNN6E1A8
	ND	0.50	0.49	mg/L	98	2.8	SW846 6010B	05/16-05/19/03	FNN6E1A9
	Dilution Factor: 1								
Copper									
	0.37	0.25	0.63	mg/L	103		SW846 6010B	05/16/03	FNN6E1CF
	0.37	0.25	0.64	mg/L	106	1.2	SW846 6010B	05/16/03	FNN6E1CG
	Dilution Factor: 1								

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A3E140209

Matrix.....: WG

Date Sampled...: 05/13/03 13:00 Date Received...: 05/14/03

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Lead	0.012	0.50	0.47	mg/L	91		SW846 6010B	05/16/03	FNN6E1C5
	0.012	0.50	0.46	mg/L	90	1.2	SW846 6010B	05/16/03	FNN6E1C6
	Dilution Factor: 1								
Mercury	ND	0.0010	0.00091	mg/L	91		SW846 7470A	05/16-05/19/03	FNN6E1DF
	ND	0.0010	0.00091	mg/L	91	0.33	SW846 7470A	05/16-05/19/03	FNN6E1DG
	Dilution Factor: 1								
Molybdenum	ND	1.0	0.97	mg/L	96		SW846 6010B	05/16/03	FNN6E1CJ
	ND	1.0	0.96	mg/L	94	1.8	SW846 6010B	05/16/03	FNN6E1CK
	Dilution Factor: 1								
Nickel	ND	0.50	0.47	mg/L	92		SW846 6010B	05/16/03	FNN6E1CM
	ND	0.50	0.47	mg/L	91	0.99	SW846 6010B	05/16/03	FNN6E1CN
	Dilution Factor: 1								
Selenium	ND	2.0	1.9	mg/L	95		SW846 6010B	05/16/03	FNN6E1C8
	ND	2.0	1.8	mg/L	92	2.8	SW846 6010B	05/16/03	FNN6E1C9
	Dilution Factor: 1								
Silver	ND	0.050	0.054	mg/L	109		SW846 6010B	05/16/03	FNN6E1AU
	ND	0.050	0.054	mg/L	108	1.3	SW846 6010B	05/16/03	FNN6E1AV
	Dilution Factor: 1								
Thallium	ND	2.0	1.9	mg/L	92		SW846 6010B	05/16/03	FNN6E1DC
	ND	2.0	1.8	mg/L	90	2.6	SW846 6010B	05/16/03	FNN6E1DD
	Dilution Factor: 1								
Vanadium	ND	0.50	0.45	mg/L	90		SW846 6010B	05/16/03	FNN6E1CU
	ND	0.50	0.45	mg/L	89	1.6	SW846 6010B	05/16/03	FNN6E1CV
	Dilution Factor: 1								
Zinc	0.38	0.50	0.84	mg/L	91		SW846 6010B	05/16/03	FNN6E1CX
	0.38	0.50	0.85	mg/L	93	1.0	SW846 6010B	05/16/03	FNN6E1CO
	Dilution Factor: 1								

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: A3E140209
 Date Sampled....: 05/13/03 13:00 Date Received...: 05/14/03

Matrix.....: WG

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A3E140209-001 Prep Batch #....: 3136099							
Antimony	106	(75 - 125)			SW846 6010B	05/16/03	FNN6E1CQ
	105	(75 - 125)	0.53	(0-20)	SW846 6010B	05/16/03	FNN6E1CR
			Dilution Factor: 1				
Arsenic	100	(75 - 125)			SW846 6010B	05/16/03	FNN6E1C2
	99	(75 - 125)	1.4	(0-20)	SW846 6010B	05/16/03	FNN6E1C3
			Dilution Factor: 1				
Barium	94	(75 - 125)			SW846 6010B	05/16/03	FNN6E1AX
	93	(75 - 125)	0.97	(0-20)	SW846 6010B	05/16/03	FNN6E1A0
			Dilution Factor: 1				
Beryllium	98	(75 - 125)			SW846 6010B	05/16-05/19/03	FNN6E1A2
	100	(75 - 125)	2.8	(0-20)	SW846 6010B	05/16-05/19/03	FNN6E1A3
			Dilution Factor: 1				
Cadmium	93	(75 - 125)			SW846 6010B	05/16/03	FNN6E1A5
	92	(75 - 125)	1.4	(0-20)	SW846 6010B	05/16/03	FNN6E1A6
			Dilution Factor: 1				
Chromium	89	(75 - 125)			SW846 6010B	05/16/03	FNN6E1CC
	87	(75 - 125)	1.3	(0-20)	SW846 6010B	05/16/03	FNN6E1CD
			Dilution Factor: 1				
Cobalt	95	(75 - 125)			SW846 6010B	05/16-05/19/03	FNN6E1A8
	98	(75 - 125)	2.8	(0-20)	SW846 6010B	05/16-05/19/03	FNN6E1A9
			Dilution Factor: 1				
Copper	103	(75 - 125)			SW846 6010B	05/16/03	FNN6E1CF
	106	(75 - 125)	1.2	(0-20)	SW846 6010B	05/16/03	FNN6E1CG
			Dilution Factor: 1				
Lead	91	(75 - 125)			SW846 6010B	05/16/03	FNN6E1C5
	90	(75 - 125)	1.2	(0-20)	SW846 6010B	05/16/03	FNN6E1C6
			Dilution Factor: 1				
Mercury	91	(53 - 135)			SW846 7470A	05/16-05/19/03	FNN6E1DF
	91	(53 - 135)	0.33	(0-20)	SW846 7470A	05/16-05/19/03	FNN6E1DG
			Dilution Factor: 1				

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A3E140209

Matrix.....: WG

Date Sampled...: 05/13/03 13:00 Date Received...: 05/14/03

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Molybdenum	96	(75 - 125)			SW846 6010B	05/16/03	FNN6E1CJ
	94	(75 - 125)	1.8	(0-20)	SW846 6010B	05/16/03	FNN6E1CK
			Dilution Factor: 1				
Nickel	92	(75 - 125)			SW846 6010B	05/16/03	FNN6E1CM
	91	(75 - 125)	0.99	(0-20)	SW846 6010B	05/16/03	FNN6E1CN
			Dilution Factor: 1				
Selenium	95	(75 - 125)			SW846 6010B	05/16/03	FNN6E1C8
	92	(75 - 125)	2.8	(0-20)	SW846 6010B	05/16/03	FNN6E1C9
			Dilution Factor: 1				
Silver	109	(75 - 125)			SW846 6010B	05/16/03	FNN6E1AU
	108	(75 - 125)	1.3	(0-20)	SW846 6010B	05/16/03	FNN6E1AV
			Dilution Factor: 1				
Thallium	92	(75 - 125)			SW846 6010B	05/16/03	FNN6E1DC
	90	(75 - 125)	2.6	(0-20)	SW846 6010B	05/16/03	FNN6E1DD
			Dilution Factor: 1				
Vanadium	90	(75 - 125)			SW846 6010B	05/16/03	FNN6E1CU
	89	(75 - 125)	1.6	(0-20)	SW846 6010B	05/16/03	FNN6E1CV
			Dilution Factor: 1				
Zinc	91	(75 - 125)			SW846 6010B	05/16/03	FNN6E1CX
	93	(75 - 125)	1.0	(0-20)	SW846 6010B	05/16/03	FNN6E1C0
			Dilution Factor: 1				

NOTE(S):

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

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A3E140209

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION-</u> <u>ANALYSIS DATE</u>	<u>PREP</u> <u>BATCH #</u>
n-Hexane Extractable Material	ND	5.0	mg/L	CFR136A 1664A HEM	05/16/03	3136443
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #....: A3E140209

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECVRY	RPD	METHOD	PREPARATION-	PREP
							ANALYSIS DATE	BATCH #
n-Hexane Extractable Material							LCS Lot-Sample#: A3E160000-443	
	40.0	35.1	mg/L	88		CFR136A 1664A HEM	05/16/03	3136443
	40.0	39.0	mg/L	98	11	CFR136A 1664A HEM	05/16/03	3136443
			Dilution Factor: 1					

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: A3E140209

Matrix.....: WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
n-Hexane Extractable Material	88	(79 - 114)			CFR136A 1664A HEM	05/16/03	3136443
	98	(79 - 114)	11	(0-20)	CFR136A 1664A HEM	05/16/03	3136443

WO#:FNWVDIAC-LCS/FNWVDIAD-LCSD LCS Lot-Sample#: A3E160000-443
Dilution Factor: 1

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Matrix.....: WG

Client Lot #....: A3E140209

Date Sampled...: 05/13/03 13:00 Date Received...: 05/14/03

PARAMETER	SAMPLE SPIKE		MEASRD	PERCNT		PREPARATION-		PREP	
	AMOUNT	AMT	AMOUNT	UNITS	RECVRY	RPD	METHOD	ANALYSIS DATE	BATCH #
n-Hexane Extractable			WO#: FNN6E1AQ-MS/FNN6E1AR-MSD MS Lot-Sample #: A3E140209-001						
Material			83.1	mg/L	89		CFR136A 1664A	05/16/03	3136443
	47.6	40.0	23.5	N mg/L	0.0	0.0	CFR136A 1664A	05/16/03	3136443
	47.6	40.0	Dilution Factor: 1						

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #....: A3E140209

Matrix.....: WG

Date Sampled....: 05/13/03 13:00 Date Received...: 05/14/03

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
n-Hexane Extractable Material	89	(79 - 114)			CFR136A 1664A HEM	05/16/03	3136443
	0.0 N	(79 - 114)	0.0	(0-18)	CFR136A 1664A HEM	05/16/03	3136443


Dilution Factor: 1

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

CHAIN OF CUSTODY RECORD

 CONESTOGA-ROVERS & ASSOCIATES <u>STOCKTON</u>			SHIPPED TO (Laboratory Name): <div style="font-size: 2em; text-align: center;">STL</div>			REFERENCE NUMBER: <div style="font-size: 1.5em; text-align: center;">12366-30</div>							
SAMPLER'S SIGNATURE: <i>Robert T. Siegfried</i>			PRINTED NAME: <i>Bob Siegfried</i>			REMARKS							
SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers				PARAMETERS VOCs TPH-9 1661/567 PHEM SVOCs Metals				
	5-13-03	1300	OWS-1	W	20	X	X	X	X	X			
TOTAL NUMBER OF CONTAINERS					20	HEALTH/CHEMICAL HAZARDS							
RELINQUISHED BY: ① <i>Robert T. Siegfried</i>			DATE: 5-13-03 TIME: 1515		RECEIVED BY: ① _____			DATE: _____ TIME: _____					
RELINQUISHED BY: ② _____			DATE: _____ TIME: _____		RECEIVED BY: ② _____			DATE: _____ TIME: _____					
RELINQUISHED BY: ③ _____			DATE: _____ TIME: _____		RECEIVED BY: ③ _____			DATE: _____ TIME: _____					
METHOD OF SHIPMENT:					WAY BILL No.								
White -Fully Executed Copy Yellow -Receiving Laboratory Copy Pink -Shipper Copy Goldenrod -Sampler Copy			SAMPLE TEAM:			RECEIVED FOR LABORATORY BY: <i>Bob Siegfried</i>			NO CRA 01034				
					DATE: 5/14/03			TIME: 1025					

CHAIN OF CUSTODY RECORD

REVISED



CONESTOGA-ROVERS & ASSOCIATES

STOCKTON

SHIPPED TO (Laboratory Name):

STL

REFERENCE NUMBER:

~~12566~~ 5017366-30

SAMPLER'S SIGNATURE: <i>Robert [unclear]</i>		PRINTED NAME: <i>Bob Springfield</i>		No. of Containers	PARAMETERS	REMARKS
SEQ. No.	DATE	TIME	SAMPLE No.			
	5-15-03	1300	OW5-1	20	VOCs TPH-9 PCBs SVOCs MSL- TPH-D	

TOTAL NUMBER OF CONTAINERS

20

HEALTH/CHEMICAL HAZARDS

RELINQUISHED BY: ① <i>[Signature]</i>	DATE: <i>5-15-03</i> TIME: <i>1515</i>	RECEIVED BY: ①	DATE: TIME:
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:

METHOD OF SHIPMENT:	WAY BILL No.
White - Fully Executed Copy Yellow - Receiving Laboratory Copy Pink - Shipper Copy Goldenrod - Sampler Copy	SAMPLE TEAM: RECEIVED FOR LABORATORY BY: No CRA 91024 DATE: _____ TIME: _____

May-15-03 13:08 From

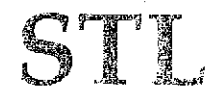
85 05/14/2003 11:47 12999696968 notantp Canton TIS PAGE 02

SEVERN
TRENT

STL

END OF REPORT

SOLID WASTE CHARACTERIZATION ANALYTICAL RESULTS



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

OCT 23

PROJECT NO. 17366-30

SATURN OF PLEASANTON

Lot #: A3I230249

Paul Wiseman

ENCORE Environmental Consultant
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

SEVERN TRENT LABORATORIES, INC.

Amy L. McCormick
Project Manager

September 30, 2003

CASE NARRATIVE

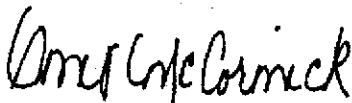
A3I230249

The following report contains the analytical results for two solid samples submitted to STL by Encore Environmental Consultant from the Saturn of Pleasanton Site, project number 17366-30. The samples were received July 22, 2003, according to documented sample acceptance procedures.

Samples were analyzed at STL's San Francisco, California facility. A copy of their report has been provided.

Sample ID Cross Reference

CRA	STL-North Canton	STL-San Francisco
SPS-1-1,2,3,4	A3I230249	2003-07-0671-1
SPS-2-1,2,3,4	A3I230249	2003-07-0671-2



Amy McCormick
Project Manager

STL-North Canton

July 25, 2003

4101 Shuffel Drive NW
North Canton, OH 44720
Attn.: Amy McCormick
Project#: 17366-30
Project: Saturn of Pleasanton

Dear Amy

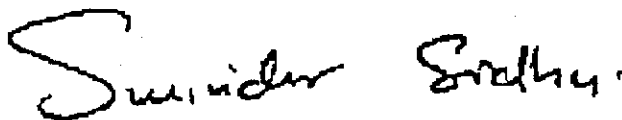
Attached is our report for your samples received on 07/22/2003 15:15
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after
09/05/2003 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,

You can also contact me via email. My email address is: ssidhu@stl-inc.com

Sincerely,



Surinder Sidhu
Project Manager

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton

Attn.: Amy McCormick

4101 Shuffel Drive NW
North Canton, OH 44720

Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SPS-1-1,2,3,4	07/22/2003	Soil	1
SPS-2-1,2,3,4	07/22/2003	Soil	2

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1019 Fax 925 484 1086 * www.stl-inc.com * CA DHS ELAP# 2498

07/25/2003 12:54

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton

Attn.: Amy McCormick

4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Prep(s): 3560B/8270C Test(s): 8270C
Sample ID: SPS-1-1,2,3,4 Lab ID: 2003-07-0671 - 1
Sampled: 07/22/2003 Extracted: 7/23/2003 16:59
Matrix: Soil QC Batch#: 2003/07/23-03.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
Bis(2-chloroethyl)ether	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
2-Chlorophenol	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
1,3-Dichlorobenzene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
1,4-Dichlorobenzene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
Benzyl alcohol	ND	0.17	mg/Kg	1.00	07/24/2003 12:23	
1,2-Dichlorobenzene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
2-Methylphenol	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
Bis(2-chloroisopropyl) ether	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
4-Methylphenol	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
N-Nitroso-di-n-propylamine	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
Hexachloroethane	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
Nitrobenzene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
Isophorone	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
2-Nitrophenol	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
2,4-Dimethylphenol	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
Bis(2-chloroethoxy) methane	ND	0.17	mg/Kg	1.00	07/24/2003 12:23	
2,4-Dichlorophenol	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
1,2,4-Trichlorobenzene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
Naphthalene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
4-Chloroaniline	ND	0.33	mg/Kg	1.00	07/24/2003 12:23	
Hexachlorobutadiene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
4-Chloro-3-methylphenol	ND	0.17	mg/Kg	1.00	07/24/2003 12:23	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
Hexachlorocyclopentadiene	ND	0.17	mg/Kg	1.00	07/24/2003 12:23	
2,4,6-Trichlorophenol	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
2,4,5-Trichlorophenol	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
2-Chloronaphthalene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
2-Nitroaniline	ND	0.33	mg/Kg	1.00	07/24/2003 12:23	
Dimethyl phthalate	ND	0.17	mg/Kg	1.00	07/24/2003 12:23	
Acenaphthylene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	

Severn Trent Laboratories, Inc.
STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94586
Tel 925 484 1919 Fax 925 484 1086 * www.stl-inc.com * CA DHS ELAP# 2496

07/25/2003 12:54

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton
Attn.: Amy McCormick

4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-8787 Fax: (330) 497-0772

Project: 17386-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Prep(s): 3550B/8270C Test(s): 8270C
Sample ID: SPS-1-1,2,3,4 Lab ID: 2003-07-0671 - 1
Sampled: 07/22/2003 Extracted: 7/23/2003 16:59
Matrix: Soil QC Batch#: 2003/07/23-03.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
3-Nitroaniline	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
Acenaphthene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
2,4-Dinitrophenol	ND	0.33	mg/Kg	1.00	07/24/2003 12:23	
4-Nitrophenol	ND	0.33	mg/Kg	1.00	07/24/2003 12:23	
Dibenzofuran	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
2,4-Dinitrotoluene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
2,6-Dinitrotoluene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
Diethyl phthalate	ND	0.17	mg/Kg	1.00	07/24/2003 12:23	
4-Chlorophenyl phenyl ether	ND	0.17	mg/Kg	1.00	07/24/2003 12:23	
Fluorene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
4-Nitroaniline	ND	0.33	mg/Kg	1.00	07/24/2003 12:23	
2-Methyl-4,6-dinitrophenol	ND	0.33	mg/Kg	1.00	07/24/2003 12:23	
N-Nitrosodiphenylamine	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
4-Bromophenyl phenyl ether	ND	0.17	mg/Kg	1.00	07/24/2003 12:23	
Hexachlorobenzene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
Pentachlorophenol	ND	0.33	mg/Kg	1.00	07/24/2003 12:23	
Phenanthrene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
Anthracene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
Di-n-butyl phthalate	ND	0.17	mg/Kg	1.00	07/24/2003 12:23	
Fluoranthene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
Pyrene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
Butyl benzyl phthalate	ND	0.33	mg/Kg	1.00	07/24/2003 12:23	
3,3-Dichlorobenzidine	ND	0.17	mg/Kg	1.00	07/24/2003 12:23	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
bis(2-Ethylhexyl) phthalate	ND	0.33	mg/Kg	1.00	07/24/2003 12:23	
Chrysene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
Di-n-octyl phthalate	ND	0.17	mg/Kg	1.00	07/24/2003 12:23	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94586

Tel 925 484 1919 Fax 925 484 1098 * www.stl-inc.com * CA DHS ELAP# 2496

07/25/2003 12:54

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton

Attn.: Amy McCormick

4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Prep(s): 3550B/8270C	Test(s): 8270C
Sample ID: SPS-1-1,2,3,4	Lab ID: 2003-07-0671 - 1
Sampled: 07/22/2003	Extracted: 7/23/2003 16:59
Matrix: Soil	QC Batch#: 2003/07/23-03.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	07/24/2003 12:23	
Benzolic acid	ND	0.33	mg/Kg	1.00	07/24/2003 12:23	
Surrogates(s)						
Nitrobenzene-d5	60.9	23-120	%	1.00	07/24/2003 12:23	
2-Fluorobiphenyl	71.8	30-115	%	1.00	07/24/2003 12:23	
p-Terphenyl-d14	95.2	18-137	%	1.00	07/24/2003 12:23	
2-Fluorophenol	66.9	25-121	%	1.00	07/24/2003 12:23	
Phenol-d6	68.1	24-113	%	1.00	07/24/2003 12:23	
2,4,6-Tribromophenol	103.3	19-122	%	1.00	07/24/2003 12:23	

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton

Attn.: Amy McCormick

4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Prep(s): 3650B/8270C Test(s): 8270C
Sample ID: 8PS-2-1,2,3,4 Lab ID: 2003-07-0671 - 2
Sampled: 07/22/2003 Extracted: 7/22/2003 14:22
Matrix: Soil QC Batch#: 2003/07/22-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
Bis(2-chloroethyl)ether	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
2-Chlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
1,3-Dichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
1,4-Dichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
Benzyl alcohol	ND	0.17	mg/Kg	1.00	07/23/2003 12:46	
1,2-Dichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
2-Methylphenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
Bis(2-chloroisopropyl) ether	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
4-Methylphenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
N-Nitroso-di-n-propylamine	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
Hexachloroethane	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
Nitrobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
Isophorone	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
2-Nitrophenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
2,4-Dimethylphenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
Bis(2-chloroethoxy) methane	ND	0.17	mg/Kg	1.00	07/23/2003 12:46	
2,4-Dichlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
1,2,4-Trichlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
Naphthalene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
4-Chloroaniline	ND	0.33	mg/Kg	1.00	07/23/2003 12:46	
Hexachlorobutadiene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
4-Chloro-3-methylphenol	ND	0.17	mg/Kg	1.00	07/23/2003 12:46	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
Hexachlorocyclopentadiene	ND	0.17	mg/Kg	1.00	07/23/2003 12:46	
2,4,6-Trichlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
2,4,5-Trichlorophenol	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
2-Chloronaphthalene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
2-Nitroaniline	ND	0.33	mg/Kg	1.00	07/23/2003 12:46	
Dimethyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 12:46	
Acenaphthylene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1088 * www.stl-inc.com * CA DHS ELAP# 2496

07/25/2003 12:54

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton

Attn.: Amy McCormick

 4101 Shuffel Drive NW
 North Canton, OH 44720
 Phone: (330) 966-9787 Fax: (330) 497-0772

 Project: 17366-30
 Saturn of Pleasanton

Received: 07/22/2003 15:15

Prep(s):	3550E/8270C	Test(s):	8270C
Sample ID:	SPS-2-1,2,3,4	Lab ID:	2003-07-0671 - 2
Sampled:	07/22/2003	Extracted:	7/22/2003 14:22
Matrix:	Soil	QC Batch#:	2003/07/22-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
3-Nitroaniline	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
Acenaphthene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
2,4-Dinitrophenol	ND	0.33	mg/Kg	1.00	07/23/2003 12:46	
4-Nitrophenol	ND	0.33	mg/Kg	1.00	07/23/2003 12:46	
Dibenzofuran	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
2,4-Dinitrotoluene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
2,6-Dinitrotoluene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
Diethyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 12:46	
4-Chlorophenyl phenyl ether	ND	0.17	mg/Kg	1.00	07/23/2003 12:46	
Fluorene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
4-Nitroaniline	ND	0.33	mg/Kg	1.00	07/23/2003 12:46	
2-Methyl-4,6-dinitrophenol	ND	0.33	mg/Kg	1.00	07/23/2003 12:46	
N-Nitrosodiphenylamine	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
4-Bromophenyl phenyl ether	ND	0.17	mg/Kg	1.00	07/23/2003 12:46	
Hexachlorobenzene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
Pentachlorophenol	ND	0.33	mg/Kg	1.00	07/23/2003 12:46	
Phenanthrene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
Anthracene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
Di-n-butyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 12:46	
Fluoranthene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
Pyrene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
Butyl benzyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 12:46	
3,3-Dichlorobenzidine	ND	0.17	mg/Kg	1.00	07/23/2003 12:46	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
bis(2-Ethylhexyl) phthalate	ND	0.33	mg/Kg	1.00	07/23/2003 12:46	
Chrysene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
Di-n-octyl phthalate	ND	0.17	mg/Kg	1.00	07/23/2003 12:46	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

07/25/2003 12:54

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton
Attn.: Amy McCormick

4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Prep(s): 3550B/8270C	Test(s): 8270C
Sample ID: SPS-2-1,2,3,4	Lab ID: 2003-07-0671 - 2
Sampled: 07/22/2003	Extracted: 7/22/2003 14:22
Matrix: Soil	QC Batch#: 2003/07/22-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	07/23/2003 12:46	
Benzoic acid	ND	0.33	mg/Kg	1.00	07/23/2003 12:46	
Surrogates(s)						
Nitrobenzene-d5	72.3	23-120	%	1.00	07/23/2003 12:46	
2-Fluorobiphenyl	65.8	30-115	%	1.00	07/23/2003 12:46	
p-Terphenyl-d14	86.9	18-137	%	1.00	07/23/2003 12:46	
2-Fluorophenol	75.5	25-121	%	1.00	07/23/2003 12:46	
Phenol-d6	90.7	24-113	%	1.00	07/23/2003 12:46	
2,4,6-Tribromophenol	87.7	19-122	%	1.00	07/23/2003 12:46	

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton
Attn.: Amy McCormick

4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Batch QC Report

Prep(s): 3550B/8270C
Method Blank
MB: 2003/07/22-01.11-001

Soil

Test(s): 8270C
QC Batch # 2003/07/22-01.11
Date Extracted: 07/22/2003 14:22

Compound	Conc.	RL	Unit	Analyzed	Flag
Phenol	ND	0.067	mg/Kg	07/23/2003 10:00	
Bis(2-chloroethyl)ether	ND	0.067	mg/Kg	07/23/2003 10:00	
2-Chlorophenol	ND	0.067	mg/Kg	07/23/2003 10:00	
1,3-Dichlorobenzene	ND	0.067	mg/Kg	07/23/2003 10:00	
1,4-Dichlorobenzene	ND	0.067	mg/Kg	07/23/2003 10:00	
Benzyl alcohol	ND	0.17	mg/Kg	07/23/2003 10:00	
1,2-Dichlorobenzene	ND	0.067	mg/Kg	07/23/2003 10:00	
2-Methylphenol	ND	0.067	mg/Kg	07/23/2003 10:00	
Bis(2-chloroisopropyl) ether	ND	0.067	mg/Kg	07/23/2003 10:00	
4-Methylphenol	ND	0.067	mg/Kg	07/23/2003 10:00	
N-Nitroso-di-n-propylamine	ND	0.067	mg/Kg	07/23/2003 10:00	
Hexachloroethane	ND	0.067	mg/Kg	07/23/2003 10:00	
Nitrobenzene	ND	0.067	mg/Kg	07/23/2003 10:00	
Isophorone	ND	0.067	mg/Kg	07/23/2003 10:00	
2-Nitrophenol	ND	0.067	mg/Kg	07/23/2003 10:00	
2,4-Dimethylphenol	ND	0.067	mg/Kg	07/23/2003 10:00	
Bis(2-chloroethoxy) methane	ND	0.17	mg/Kg	07/23/2003 10:00	
2,4-Dichlorophenol	ND	0.067	mg/Kg	07/23/2003 10:00	
1,2,4-Trichlorobenzene	ND	0.067	mg/Kg	07/23/2003 10:00	
Naphthalene	ND	0.067	mg/Kg	07/23/2003 10:00	
4-Chloroaniline	ND	0.330	mg/Kg	07/23/2003 10:00	
Hexachlorobutadiene	ND	0.067	mg/Kg	07/23/2003 10:00	
4-Chloro-3-methylphenol	ND	0.17	mg/Kg	07/23/2003 10:00	
2-Methylnaphthalene	ND	0.067	mg/Kg	07/23/2003 10:00	
Hexachlorocyclopentadiene	ND	0.17	mg/Kg	07/23/2003 10:00	
2,4,6-Trichlorophenol	ND	0.067	mg/Kg	07/23/2003 10:00	
2,4,5-Trichlorophenol	ND	0.067	mg/Kg	07/23/2003 10:00	
2-Chloronaphthalene	ND	0.067	mg/Kg	07/23/2003 10:00	
2-Nitroaniline	ND	0.33	mg/Kg	07/23/2003 10:00	
Dimethyl phthalate	ND	0.17	mg/Kg	07/23/2003 10:00	

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07/25/2003 12:54

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton
Attn.: Amy McCormick

4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 968-9787 Fax: (330) 487-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Batch QC Report

Prep(s): 3550B/8270C

Test(s): 8270C

Method Blank

Soil

QC Batch # 2003/07/22-01.11

MB: 2003/07/22-01.11-001

Date Extracted: 07/22/2003 14:22

Compound	Conc.	RL	Unit	Analyzed	Flag
Acenaphthylene	ND	0.067	mg/Kg	07/23/2003 10:00	
3-Nitroaniline	ND	0.067	mg/Kg	07/23/2003 10:00	
Acenaphthene	ND	0.067	mg/Kg	07/23/2003 10:00	
2,4-Dinitrophenol	ND	0.33	mg/Kg	07/23/2003 10:00	
4-Nitrophenol	ND	0.33	mg/Kg	07/23/2003 10:00	
Dibenzofuran	ND	0.067	mg/Kg	07/23/2003 10:00	
2,4-Dinitrotoluene	ND	0.067	mg/Kg	07/23/2003 10:00	
2,6-Dinitrotoluene	ND	0.067	mg/Kg	07/23/2003 10:00	
Diethyl phthalate	ND	0.17	mg/Kg	07/23/2003 10:00	
4-Chlorophenyl phenyl ether	ND	0.17	mg/Kg	07/23/2003 10:00	
Fluorene	ND	0.067	mg/Kg	07/23/2003 10:00	
4-Nitroaniline	ND	0.33	mg/Kg	07/23/2003 10:00	
2-Methyl-4,6-dinitrophenol	ND	0.33	mg/Kg	07/23/2003 10:00	
N-Nitrosodiphenylamine	ND	0.067	mg/Kg	07/23/2003 10:00	
4-Bromophenyl phenyl ether	ND	0.17	mg/Kg	07/23/2003 10:00	
Hexachlorobenzene	ND	0.067	mg/Kg	07/23/2003 10:00	
Pentachlorophenol	ND	0.33	mg/Kg	07/23/2003 10:00	
Phenanthrene	ND	0.067	mg/Kg	07/23/2003 10:00	
Anthracene	ND	0.067	mg/Kg	07/23/2003 10:00	
Di-n-butyl phthalate	ND	0.17	mg/Kg	07/23/2003 10:00	
Fluoranthene	ND	0.067	mg/Kg	07/23/2003 10:00	
Pyrene	ND	0.067	mg/Kg	07/23/2003 10:00	
Butyl benzyl phthalate	ND	0.17	mg/Kg	07/23/2003 10:00	
3,3-Dichlorobenzidine	ND	0.17	mg/Kg	07/23/2003 10:00	
Benzo(a)anthracene	ND	0.067	mg/Kg	07/23/2003 10:00	
bis(2-Ethylhexyl) phthalate	ND	0.33	mg/Kg	07/23/2003 10:00	
Chrysene	ND	0.067	mg/Kg	07/23/2003 10:00	
Di-n-octyl phthalate	ND	0.17	mg/Kg	07/23/2003 10:00	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	07/23/2003 10:00	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	07/23/2003 10:00	
Benzo(a)pyrene	ND	0.067	mg/Kg	07/23/2003 10:00	

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07/25/2003 12:54

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton
Attn.: Amy McCormick

4101 Shuffel Drive NW
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Phone: (330) 986-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Batch QC Report

Prep(s): 3550B/8270C

Method Blank

MB: 2003/07/22-01.11-001

Soil

Test(s): 8270C

QC Batch # 2003/07/22-01.11

Date Extracted: 07/22/2003 14:22

Compound	Conc.	RL	Unit	Analyzed	Flag
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	07/23/2003 10:00	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	07/23/2003 10:00	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	07/23/2003 10:00	
Benzolc acid	ND	0.33	mg/Kg	07/23/2003 10:00	
Surrogates(s)					
Nitrobenzene-d5	63.6	23-120	%	07/23/2003 10:00	
2-Fluorobiphenyl	71.6	30-115	%	07/23/2003 10:00	
p-Terphenyl-d14	79.7	18-137	%	07/23/2003 10:00	
2-Fluorophenol	71.5	25-121	%	07/23/2003 10:00	
Phenol-d6	73.7	24-113	%	07/23/2003 10:00	
2,4,6-Tribromophenol	62.7	19-122	%	07/23/2003 10:00	

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Page 10 of 15

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton

Attr.: Amy McCormick

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North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Batch QC Report

Prep(s): 3550B/8270C

Method Blank

MB: 2003/07/23-03.11-001

Soil

Test(s): 8270C

QC Batch # 2003/07/23-03.11

Date Extracted: 07/23/2003 16:59

Compound	Conc.	RL	Unit	Analyzed	Flag
Phenol	ND	0.067	mg/Kg	07/24/2003 14:48	
Bis(2-chloroethyl)ether	ND	0.067	mg/Kg	07/24/2003 14:48	
2-Chlorophenol	ND	0.067	mg/Kg	07/24/2003 14:48	
1,3-Dichlorobenzene	ND	0.067	mg/Kg	07/24/2003 14:48	
1,4-Dichlorobenzene	ND	0.067	mg/Kg	07/24/2003 14:48	
Benzyl alcohol	ND	0.17	mg/Kg	07/24/2003 14:48	
1,2-Dichlorobenzene	ND	0.067	mg/Kg	07/24/2003 14:48	
2-Methylphenol	ND	0.067	mg/Kg	07/24/2003 14:48	
Bis(2-chloroisopropyl) ether	ND	0.067	mg/Kg	07/24/2003 14:48	
4-Methylphenol	ND	0.067	mg/Kg	07/24/2003 14:48	
N-Nitroso-di-n-propylamine	ND	0.067	mg/Kg	07/24/2003 14:48	
Hexachloroethane	ND	0.067	mg/Kg	07/24/2003 14:48	
Nitrobenzene	ND	0.067	mg/Kg	07/24/2003 14:48	
Isophorone	ND	0.067	mg/Kg	07/24/2003 14:48	
2-Nitrophenol	ND	0.067	mg/Kg	07/24/2003 14:48	
2,4-Dimethylphenol	ND	0.067	mg/Kg	07/24/2003 14:48	
Bis(2-chloroethoxy) methane	ND	0.17	mg/Kg	07/24/2003 14:48	
2,4-Dichlorophenol	ND	0.067	mg/Kg	07/24/2003 14:48	
1,2,4-Trichlorobenzene	ND	0.067	mg/Kg	07/24/2003 14:48	
Naphthalene	ND	0.067	mg/Kg	07/24/2003 14:48	
4-Chloroaniline	ND	0.330	mg/Kg	07/24/2003 14:48	
Hexachlorobutadiene	ND	0.067	mg/Kg	07/24/2003 14:48	
4-Chloro-3-methylphenol	ND	0.17	mg/Kg	07/24/2003 14:48	
2-Methylnaphthalene	ND	0.067	mg/Kg	07/24/2003 14:48	
Hexachlorocyclopentadiene	ND	0.17	mg/Kg	07/24/2003 14:48	
2,4,6-Trichlorophenol	ND	0.067	mg/Kg	07/24/2003 14:48	
2,4,5-Trichlorophenol	ND	0.067	mg/Kg	07/24/2003 14:48	
2-Chloronaphthalene	ND	0.067	mg/Kg	07/24/2003 14:48	
2-Nitroaniline	ND	0.33	mg/Kg	07/24/2003 14:48	
Dimethyl phthalate	ND	0.17	mg/Kg	07/24/2003 14:48	
Acenaphthylene	ND	0.067	mg/Kg	07/24/2003 14:48	

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07/25/2003 12:54

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton
Attn.: Amy McCormick

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Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Batch QC Report

Prep(s): 3550B/8270C

Method Blank

MB: 2003/07/23-03.11-001

Soil

Test(s): 8270C

QC Batch # 2003/07/23-03.11

Date Extracted: 07/23/2003 16:59

Compound	Conc.	RL	Unit	Analyzed	Flag
3-Nitroaniline	ND	0.067	mg/Kg	07/24/2003 14:46	
Acenaphthene	ND	0.067	mg/Kg	07/24/2003 14:46	
2,4-Dinitrophenol	ND	0.33	mg/Kg	07/24/2003 14:46	
4-Nitrophenol	ND	0.33	mg/Kg	07/24/2003 14:46	
Dibenzofuran	ND	0.067	mg/Kg	07/24/2003 14:46	
2,4-Dinitrotoluene	ND	0.067	mg/Kg	07/24/2003 14:46	
2,6-Dinitrotoluene	ND	0.067	mg/Kg	07/24/2003 14:46	
Diethyl phthalate	ND	0.17	mg/Kg	07/24/2003 14:46	
4-Chlorophenyl phenyl ether	ND	0.17	mg/Kg	07/24/2003 14:46	
Fluorene	ND	0.067	mg/Kg	07/24/2003 14:46	
4-Nitroaniline	ND	0.33	mg/Kg	07/24/2003 14:46	
2-Methyl-4,6-dinitrophenol	ND	0.33	mg/Kg	07/24/2003 14:46	
N-Nitrosodiphenylamine	ND	0.067	mg/Kg	07/24/2003 14:46	
4-Bromophenyl phenyl ether	ND	0.17	mg/Kg	07/24/2003 14:46	
Hexachlorobenzene	ND	0.067	mg/Kg	07/24/2003 14:46	
Pentachlorophenol	ND	0.33	mg/Kg	07/24/2003 14:46	
Phenanthrene	ND	0.067	mg/Kg	07/24/2003 14:46	
Anthracene	ND	0.067	mg/Kg	07/24/2003 14:46	
Di-n-butyl phthalate	ND	0.17	mg/Kg	07/24/2003 14:46	
Fluoranthene	ND	0.067	mg/Kg	07/24/2003 14:46	
Pyrene	ND	0.067	mg/Kg	07/24/2003 14:46	
Butyl benzyl phthalate	0.320	0.17	mg/Kg	07/24/2003 14:46	b
3,3-Dichlorobenzidine	ND	0.17	mg/Kg	07/24/2003 14:46	
Benzo(a)anthracene	ND	0.067	mg/Kg	07/24/2003 14:46	
bis(2-Ethylhexyl) phthalate	ND	0.33	mg/Kg	07/24/2003 14:46	
Chrysene	ND	0.067	mg/Kg	07/24/2003 14:46	
Di-n-octyl phthalate	ND	0.17	mg/Kg	07/24/2003 14:46	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	07/24/2003 14:46	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	07/24/2003 14:46	
Benzo(a)pyrene	ND	0.067	mg/Kg	07/24/2003 14:46	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	07/24/2003 14:46	

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07/25/2003 12:54

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton
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Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Batch QC Report

Prep(s): 3550B/8270C
Method Blank

Soil

Test(s): 8270C
QC Batch # 2003/07/23-03.11

MB: 2003/07/23-03.11-001

Date Extracted: 07/23/2003 16:59

Compound	Conc.	RL	Unit	Analyzed	Flag
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	07/24/2003 14:46	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	07/24/2003 14:46	
Benzoic acid	ND	0.33	mg/Kg	07/24/2003 14:46	
Surrogates(s)					
Nitrobenzene-d5	72.4	23-120	%	07/24/2003 14:46	
2-Fluorobiphenyl	84.6	30-115	%	07/24/2003 14:46	
p-Terphenyl-d14	83.0	18-137	%	07/24/2003 14:46	
2-Fluorophenol	77.3	25-121	%	07/24/2003 14:46	
Phenol-d6	78.5	24-113	%	07/24/2003 14:46	
2,4,6-Tribromophenol	84.9	19-122	%	07/24/2003 14:46	

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton
Attn.: Amy McCormick

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Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Batch QC Report

Prep(s): 3550B/8270C

Test(s): 8270C

Laboratory Control Spike

Soil

QC Batch # 2003/07/22-01.11

LCS 2003/07/22-01.11-002

Extracted: 07/22/2003

Analyzed: 07/23/2003 10:28

LCSD 2003/07/22-01.11-003

Extracted: 07/22/2003

Analyzed: 07/23/2003 10:57

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Phenol	1.29	1.42	1.98	65.2	71.7	9.5	20-90	35		
2-Chlorophenol	1.34	1.52	1.98	67.7	76.8	12.8	27-123	35		
1,4-Dichlorobenzene	0.670	0.740	0.992	67.5	74.7	10.1	28-104	30		
N-Nitroso-di-n-propylamine	0.630	0.670	0.992	63.5	67.6	6.3	25-114	39		
1,2,4-Trichlorobenzene	0.690	0.750	0.992	69.6	75.7	8.4	38-107	35		
4-Chloro-3-methylphenol	1.43	1.33	1.98	72.2	67.2	7.2	26-103	33		
Acenaphthene	0.780	0.850	0.992	78.6	85.8	8.8	49-102	30		
4-Nitrophenol	1.06	1.05	1.98	53.5	53.0	0.9	17-109	35		
2,4-Dinitrotoluene	0.670	0.730	0.992	67.5	73.7	8.8	39-139	38		
Pentachlorophenol	1.41	1.35	1.98	71.2	68.2	4.3	11-114	35		
Pyrene	0.870	0.940	0.992	87.7	94.9	7.9	25-117	35		
Surrogates(s)										
Nitrobenzene-d5	15.4	16.4	25	61.6	65.6		23-120			
2-Fluorobiphenyl	20.5	21.7	25	82.0	86.9		30-115			
p-Terphenyl-d14	22.6	22.3	25	90.4	89.1		18-137			
2-Fluorophenol	32.6	36.6	50	65.2	73.1		25-121			
Phenol-d6	36.4	39.9	50	72.8	79.9		24-113			
2,4,6-Tribromophenol	45.0	42.6	50	90.1	85.7		19-122			

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07/25/2003 12:54

Page 14 of 15

Semi-volatile analysis by GC/MS - EPA8270C

STL-North Canton
Attn: Amy McCormick

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North Canton, OH 44720
Phone: (330) 966-9767 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Batch QC Report

Prep(s): 3550B/8270C

Test(s): 8270C

Laboratory Control Spike

Soil

QC Batch # 2003/07/23-03.11

LCS 2003/07/23-03.11-002

Extracted: 07/23/2003

Analyzed: 07/24/2003 11:26

LCSD 2003/07/23-03.11-003

Extracted: 07/23/2003

Analyzed: 07/24/2003 11:55

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Phenol	1.31	1.51	2.00	65.5	75.5	14.2	20-90	35		
2-Chlorophenol	1.39	1.57	2.00	69.5	78.5	12.2	27-123	35		
1,4-Dichlorobenzene	0.670	0.720	0.999	67.1	72.1	7.2	28-104	30		
N-Nitroso-di-n-propylamine	0.650	0.790	0.999	65.1	79.1	19.4	25-114	39		
1,2,4-Trichlorobenzene	0.690	0.810	0.999	69.1	81.1	16.0	38-107	35		
4-Chloro-3-methylphenol	1.43	1.66	2.00	71.5	83.0	14.9	26-103	33		
Acenaphthene	0.860	0.900	0.999	86.1	90.1	4.5	49-102	30		
4-Nitrophenol	1.00	1.09	2.00	50.0	54.5	8.6	17-109	35		
2,4-Dinitrotoluene	0.750	0.820	0.999	75.1	82.1	8.9	39-139	38		
Pentachlorophenol	1.18	1.34	2.00	58.0	67.0	12.7	11-114	35		
Pyrene	0.840	0.920	0.999	84.1	92.1	8.1	25-117	35		
Surrogates(s)										
Nitrobenzene-d5	15.9	17.7	25	63.6	70.7		23-120			
2-Fluorobiphenyl	23.2	23.2	25	92.7	93.0		30-115			
p-Terphenyl-d14	23.3	25.5	25	93.2	102.0		18-137			
2-Fluorophenol	35.6	38.7	50	71.2	77.4		25-121			
Phenol-d6	40.6	46.6	50	81.2	93.1		24-113			
2,4,6-Tribromophenol	46.2	50.1	50	92.3	100.1		19-122			

Severn Trent Laboratories, Inc.

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07/26/2003 12:54

Page 15 of 15

Oil & Grease (Total) by EPA 1664

STL-North Canton
Attn.: Amy McCormick

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North Canton, OH 44720
Phone: (330) 866-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SPS-1-1,2,3,4	07/22/2003	Soil	1
SPS-2-1,2,3,4	07/22/2003	Soil	2

Oil & Grease (Total) by EPA 1664

STL-North Canton
Attn.: Amy McCormick

4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Prep(s): 1664	Test(s): 1664
Sample ID: SPS-1-1,2,3,4	Lab ID: 2003-07-0671 - 1
Sampled: 07/22/2003	Extracted: 7/24/2003 08:35
Matrix: Soil	QC Batch#: 2003/07/24-04.23

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Oil & Grease (total)	270	50	mg/Kg	1.00	07/24/2003 17:00	

Oil & Grease (Total) by EPA 1664

STL-North Canton

Attn.: Amy McCormick

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Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Prep(s):	1664	Test(s):	1664
Sample ID:	SPS-2-1,2,3,4	Lab ID:	2003-07-0671 - 2
Sampled:	07/22/2003	Extracted:	7/24/2003 08:35
Matrix:	Soil	QC Batch#:	2003/07/24-04.23

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Oil & Grease (total)	120	50	mg/Kg	1.00	07/24/2003 17:00	

Oil & Grease (Total) by EPA 1664

STL-North Canton
Attn.: Amy McCormick

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Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Batch QC Report

Prep(s): 1664

Method Blank

MB: 2003/07/24-04.23-001

Soil

Test(s): 1664

QC Batch # 2003/07/24-04.23

Date Extracted: 07/24/2003 08:35

Compound	Conc.	RL	Unit	Analyzed	Flag
Oil & Grease (total)	ND	50	mg/Kg	07/24/2003	

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Oil & Grease (Total) by EPA 1664

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Project: 17386-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Batch QC Report

Prep(s): 1664

Test(s): 1664

Laboratory Control Spike

Soil

QC Batch # 2003/07/24-04.23

LCS 2003/07/24-04.23-002

Extracted: 07/24/2003

Analyzed: 07/24/2003 17:00

LCSD 2003/07/24-04.23-003

Extracted: 07/24/2003

Analyzed: 07/24/2003 17:00

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Oil & Grease (total)	722	755	800	90.3	94.4	4.4	79-114	20		

Diesel

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Attn.: Amy McCormick

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Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SPS-1-1,2,3,4	07/22/2003	Soil	1
SPS-2-1,2,3,4	07/22/2003	Soil	2

Diesel

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Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	SPS-1-1,2,3,4	Lab ID:	2003-07-0671 - 1
Sampled:	07/22/2003	Extracted:	7/22/2003 14:43
Matrix:	Soil	QC Batch#:	2003/07/22-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	19	1.0	mg/Kg	1.00	07/24/2003 03:48	ndp
Surrogates(s) o-Terphenyl	68.3	60-130	%	1.00	07/24/2003 03:48	

Diesel

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Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: SPS-2-1,2,3,4	Lab ID: 2003-07-0671 - 2
Sampled: 07/22/2003	Extracted: 7/22/2003 14:43
Matrix: Soil	QC Batch#: 2003/07/22-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	4.0	1.0	mg/Kg	1.00	07/24/2003 04:19	ndp
Surrogates(s) o-Terphenyl	73.6	60-130	%	1.00	07/24/2003 04:19	

Diesel

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Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Batch QC Report

Prep(s): 3550/8015M

Method Blank

MB: 2003/07/22-04.10-001

Soil

Test(s): 8015M

QC Batch # 2003/07/22-04.10

Date Extracted: 07/22/2003 14:43

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	07/23/2003 13:50	
Surrogates(s) o-Terphenyl	85.2	60-130	%	07/23/2003 13:50	

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Diesel

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Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike

Soil

QC Batch # 2003/07/22-04.10

LCS 2003/07/22-04.10-002

Extracted: 07/22/2003

Analyzed: 07/24/2003 16:54

LCSD 2003/07/22-04.10-003

Extracted: 07/22/2003

Analyzed: 07/23/2003 17:25

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	35.0	37.0	41.2	85.0	89.4	5.0	60-130	25		
Surrogates(s) o-Terphenyl	18.8	19.3	20.0	94.0	96.5		60-130	0		

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Diesel

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Project: 17366-30
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Legend and Notes

Result Flag

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

Gas/BTEX by 8015M/8021

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Project: 17366-30
Stockton

Received: 07/22/2003 15:15

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SPS-1-1,2,3,4	07/22/2003	Soil	1
SPS-2-1,2,3,4	07/22/2003	Soil	2

Gas/BTEX by 8015M/8021

STL-North Canton
Attn.: Amy McCormick

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Phone: (330) 966-7269 Fax: (330) 497-0772

Project: 17366-30
Stockton

Received: 07/22/2003 15:15

Prep(s): 5035
5035
Sample ID: SPS-1-1,2,3,4
Sampled: 07/22/2003
Matrix: Soil
Test(s): 8015M
8021B
Lab ID: 2003-07-0671 - 1
Extracted: 7/23/2003 12:08
QC Batch#: 2003/07/23-01.02

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	07/23/2003 12:08	
Benzene	ND	0.0050	mg/Kg	1.00	07/23/2003 12:08	
Toluene	ND	0.0050	mg/Kg	1.00	07/23/2003 12:08	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	07/23/2003 12:08	
Xylene(s)	ND	0.0050	mg/Kg	1.00	07/23/2003 12:08	
<i>Surrogates(s)</i>						
Trifluorotoluene	63.3	53-125	%	1.00	07/23/2003 12:08	
4-Bromofluorobenzene-FID	97.2	58-124	%	1.00	07/23/2003 12:08	

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Gas/BTEX by 8015M/8021

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Project: 17366-30
Stockton

Received: 07/22/2003 15:15

Prep(s):	5035	Test(s):	8015M
	5035		8021B
Sample ID:	SPS-2-1,2,3,4	Lab ID:	2003-07-0671 - 2
Sampled:	07/22/2003	Extracted:	7/23/2003 12:36
Matrix:	Soil	QC Batch#:	2003/07/23-01.02

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	07/23/2003 12:36	
Benzene	ND	0.0050	mg/Kg	1.00	07/23/2003 12:36	
Toluene	ND	0.0050	mg/Kg	1.00	07/23/2003 12:36	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	07/23/2003 12:36	
Xylene(s)	ND	0.0050	mg/Kg	1.00	07/23/2003 12:36	
Surrogates(s)						
Trifluorotoluene	66.4	53-125	%	1.00	07/23/2003 12:36	
4-Bromofluorobenzene-FID	70.2	58-124	%	1.00	07/23/2003 12:36	

Gas/BTEX by 8015M/8021

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Project: 17388-30
Stockton

Received: 07/22/2003 15:15

Batch QC Report

Prep(s): 5035
Method Blank
MB: 2003/07/23-01.02-003

Soil

Test(s): 8015M
QC Batch # 2003/07/23-01.02
Date Extracted: 07/23/2003 08:33

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	07/23/2003 08:33	
Benzene	ND	0.0050	mg/Kg	07/23/2003 08:33	
Toluene	ND	0.0050	mg/Kg	07/23/2003 08:33	
Ethyl benzene	ND	0.0050	mg/Kg	07/23/2003 08:33	
Xylene(s)	ND	0.0050	mg/Kg	07/23/2003 08:33	
Surrogates(s)					
Trifluorotoluene	85.8	53-125	%	07/23/2003 08:33	
4-Bromofluorobenzene-FID	97.6	58-124	%	07/23/2003 08:33	

Gas/BTEX by 8015M/8021

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Received: 07/22/2003 15:15

Batch QC Report

Prep(s): 5035

Test(s): 8021B

Laboratory Control Spike

Soil

QC Batch # 2003/07/23-01.02

LCS 2003/07/23-01.02-004

Extracted: 07/23/2003

Analyzed: 07/23/2003 09:02

LCSD 2003/07/23-01.02-005

Extracted: 07/23/2003

Analyzed: 07/23/2003 09:30

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	0.0902	0.0866	0.1000	90.2	86.6	4.1	77-123	35		
Toluene	0.0897	0.0858	0.1000	89.7	85.8	4.4	78-122	35		
Ethyl benzene	0.0934	0.0907	0.1000	93.4	90.7	2.9	70-130	35		
Xylene(s)	0.283	0.271	0.300	94.3	90.3	4.0	75-125	35		
<i>Surrogates(s)</i>										
Trifluorotoluene	434	430	500	86.8	86.0		53-125			

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Gas/BTEX by 8015M/8021

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Project: 17366-30
Stockton

Received: 07/22/2003 15:15

Batch QC Report

Prep(s): 5035

Test(s): 8015M

Laboratory Control Spike

Soil

QC Batch # 2003/07/23-01.02

LCS 2003/07/23-01.02-006

Extracted: 07/23/2003

Analyzed: 07/23/2003 09:59

LCSD 2003/07/23-01.02-007

Extracted: 07/23/2003

Analyzed: 07/23/2003 10:28

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Gasoline	0.501	0.484	0.500	100.2	96.8	3.5	75-125	35		
<i>Surrogates(s)</i>										
4-Bromofluorobenzene-FID	511	500	500	102.2	100.0		58-124			

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Page 6 of 6

Metals

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Project: 17366-30

Saturn of Pleasanton

Received: 07/22/2003 15:15

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SPS-1-1,2,3,4	07/22/2003	Soil	1
SPS-2-1,2,3,4	07/22/2003	Soil	2

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Metals

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Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Prep(s): 3050B	Test(s): 6010B
Sample ID: SPS-1-1,2,3,4	Lab ID: 2003-07-0671 - 1
Sampled: 07/22/2003	Extracted: 7/22/2003 16:46
Matrix: Soil	QC Batch#: 2003/07/22-07.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	2.5	0.50	mg/Kg	1.00	07/23/2003 09:17	
Chromium	28	1.0	mg/Kg	1.00	07/23/2003 09:17	
Copper	24	1.0	mg/Kg	1.00	07/23/2003 09:17	
Lead	5.4	1.0	mg/Kg	1.00	07/23/2003 09:17	
Nickel	33	1.0	mg/Kg	1.00	07/23/2003 09:17	
Zinc	55	1.0	mg/Kg	1.00	07/23/2003 09:17	

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Metals

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Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Batch QC Report

Prep(s): 3050B
Method Blank
MB: 2003/07/22-07.15-011

Soil

Test(s): 6010B
QC Batch # 2003/07/22-07.15
Date Extracted: 07/22/2003 16:48

Compound	Conc.	RL	Unit	Analyzed	Flag
Cadmium	ND	0.50	mg/Kg	07/23/2003 07:48	
Chromium	ND	1.0	mg/Kg	07/23/2003 07:48	
Copper	ND	1.0	mg/Kg	07/23/2003 07:48	
Lead	ND	1.0	mg/Kg	07/23/2003 07:48	
Nickel	ND	1.0	mg/Kg	07/23/2003 07:48	
Zinc	ND	1.0	mg/Kg	07/23/2003 07:48	

Metals

STL-North Canton

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Project: 17386-30
Sturn of Pleasanton

Received: 07/22/2003 15:15

Batch QC Report

Prep(s): 3050B

Test(s): 6010B

Laboratory Control Spike

Soil

QC Batch # 2003/07/22-07.15

LCS 2003/07/22-07.15-012

Extracted: 07/22/2003

Analyzed: 07/23/2003 07:52

LCSD 2003/07/22-07.15-013

Extracted: 07/22/2003

Analyzed: 07/23/2003 07:55

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Cadmium	97.0	97.3	100.0	97.0	97.3	0.3	80-120	20		
Chromium	100	101	100.0	100.0	101.0	1.0	80-120	20		
Copper	100	101	100.0	100.0	101.0	1.0	80-120	20		
Lead	97.9	98.5	100.0	97.9	98.5	0.6	80-120	20		
Nickel	98.2	98.7	100.0	98.2	98.7	0.5	80-120	20		
Zinc	96.7	97.5	100.0	96.7	97.5	0.8	80-120	20		

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CAM W.E.T. (STLC) Metals

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Project: 17366-30

Satum of Pleasanton

Received: 07/22/2003 15:15

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SPS-1-1,2,3,4	07/22/2003	Soil	1
SPS-2-1,2,3,4	07/22/2003	Soil	2

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CAM W.E.T. (STLC) Metals

STL-North Canton
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Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Prep(s): CA W.E.T./3005A Test(s): 6010B
Sample ID: SPS-1-1,2,3,4 Lab ID: 2003-07-0671 - 1
Sampled: 07/22/2003 Extracted: 7/25/2003 08:32
Matrix: Soil QC Batch#: 2003/07/25-02.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	ND	0.10	mg/L	1.00	07/25/2003 08:34	
Chromium	ND	0.50	mg/L	1.00	07/25/2003 08:34	
Copper	ND	0.50	mg/L	1.00	07/25/2003 08:34	
Lead	ND	0.50	mg/L	1.00	07/25/2003 08:34	
Nickel	0.66	0.50	mg/L	1.00	07/25/2003 08:34	
Zinc	1.2	0.50	mg/L	1.00	07/25/2003 08:34	

CAM W.E.T. (STLC) Metals

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Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Prep(s): CA W.E.T./3005A Test(s): 6010B
Sample ID: 8PS-2-1,2,3,4 Lab ID: 2003-07-0671 - 2
Sampled: 07/22/2003 Extracted: 7/25/2003 06:32
Matrix: Soil QC Batch#: 2003/07/25-02.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	ND	0.10	mg/L	1.00	07/25/2003 08:47	
Chromium	ND	0.50	mg/L	1.00	07/25/2003 08:47	
Copper	ND	0.50	mg/L	1.00	07/25/2003 08:47	
Lead	ND	0.50	mg/L	1.00	07/25/2003 08:47	
Nickel	0.59	0.50	mg/L	1.00	07/25/2003 08:47	
Zinc	0.88	0.50	mg/L	1.00	07/25/2003 08:47	

CAM W.E.T. (STLC) Metals

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Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Batch QC Report

Prep(s): 3005A
Method Blank

Soil

Test(s): 6010B

QC Batch # 2003/07/25-02.15

MB: 2003/07/25-02.15-013

Date Extracted: 07/25/2003 05:32

Compound	Conc.	RL	Unit	Analyzed	Flag
Cadmium	ND	0.10	mg/L	07/25/2003 08:21	
Chromium	ND	0.50	mg/L	07/25/2003 08:21	
Copper	ND	0.50	mg/L	07/25/2003 08:21	
Lead	ND	0.50	mg/L	07/25/2003 08:21	
Nickel	ND	0.50	mg/L	07/25/2003 08:21	
Zinc	ND	0.50	mg/L	07/25/2003 08:21	

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CAM W.E.T. (STLC) Metals

STL-North Canton

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Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Batch QC Report

Prep(s): 3005A

Test(s): 6010B

Laboratory Control Spike

Soil

QC Batch # 2003/07/25-02.15

LCS 2003/07/25-02.15-014

Extracted: 07/25/2003

Analyzed: 07/25/2003 08:25

LCSD 2003/07/25-02.15-015

Extracted: 07/25/2003

Analyzed: 07/25/2003 08:29

Compound	Conc. mg/L		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Cadmium	4.78	4.88	5.00	95.8	97.2	1.7	80-120	20		
Chromium	4.92	5.00	5.00	98.4	100.0	1.8	80-120	20		
Copper	5.12	5.19	5.00	102.4	103.8	1.4	80-120	20		
Lead	4.57	4.84	5.00	91.4	92.8	1.5	80-120	20		
Nickel	4.71	4.80	5.00	94.2	96.0	1.9	80-120	20		
Zinc	4.71	4.78	5.00	94.2	95.6	1.5	80-120	20		

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94588

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2498

07/25/2003 10:52

CAM W.E.T. (STLC) Metals

STL-North Canton
Attn.: Amy McCormick

4101 Shuffel Drive NW
North Canton, OH 44720
Phone: (330) 966-9787 Fax: (330) 497-0772

Project: 17366-30
Saturn of Pleasanton

Received: 07/22/2003 15:15

Batch QC Report

Prep(s): 3005A Test(s): 6010B

Matrix Spike (MS / MSD) Soil QC Batch # 2003/07/25-02.15

SPS-1-1,2,3,4 >> MS Lab ID: 2003-07-0671 - 001

MS: 2003/07/25-02.15-017 Extracted: 07/25/2003 Analyzed: 07/25/2003 08:38

MSD: 2003/07/25-02.15-018 Extracted: 07/25/2003 Dilution: 1.00

Analyzed: 07/25/2003 08:43

Dilution: 1.00

Compound	Conc. mg/L		Spk.Level	Recovery %			Limits %		Flags		
	MS	MSD		Sample	mg/L	MS	MSD	RPD	Rec.	RPD	MS
Cadmium	4.72	4.74	ND	5.00	94.4	94.8	0.4	75-125	20		
Chromium	4.98	5.05	ND	5.00	99.8	101.0	1.2	75-125	20		
Copper	5.13	5.17	ND	5.00	102.6	103.4	0.8	75-125	20		
Lead	4.83	4.84	ND	5.00	92.6	92.6	0.2	75-125	20		
Nickel	5.28	5.29	0.680	5.00	92.0	92.6	0.7	75-125	20		
Zinc	5.74	5.78	1.22	5.00	90.4	91.2	0.9	75-125	20		

CHAIN OF CUSTODY RECORD

(30-6)



CONESTOGA-ROVERS & ASSOCIATES
STOCKTON

SHIPPED TO (Laboratory Name):

STL S.F.

REFERENCE NUMBER:

17366-30

SAMPLER'S SIGNATURE: Robert Smith PRINTED NAME: Bob Smith

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	PARAMETERS							REMARKS	
						TPH-1	TPH-2	BTEX	OLG	Metals*	SVOC			
	1030		SPS-1-1	S	1	*	*	*	*	*	*			
	1040		SPS-1-2		1									COMPOSITE to GPC
	1045		SPS-1-3		1									
	1050		SPS-1-4		1									
	1055		SPS-2-1		1									
	1100		SPS-2-2		1									COMPOSITE to GPC
	1105		SPS-2-3		1									
	1110		SPS-2-4		1									
N/A														
												* Metals Cd, Cr, Ni, Cu, Zn, Pb, Tl, S, Se, P, Hg		
												P.M. Supervisor		
												Sidhu		
												TAT 3 day		

TOTAL NUMBER OF CONTAINERS

HEALTH/CHEMICAL HAZARDS

RELINQUISHED BY: ① Robert Smith

DATE: 7/22/03
TIME: 1515

RECEIVED BY: ① _____

DATE: _____
TIME: _____

RELINQUISHED BY: ② _____

DATE: _____
TIME: _____

RECEIVED BY: ② _____

DATE: _____
TIME: _____

RELINQUISHED BY: ③ _____

DATE: _____
TIME: _____

RECEIVED BY: ③ Chandler

DATE: 7/22/03
TIME: 1455

METHOD OF SHIPMENT:

- White - Fully Executed Copy
- Yellow - Receiving Laboratory Copy
- Pink - Shipper Copy
- Goldenrod - Sampler Copy

SAMPLE TEAM: _____

WAY BILL No. _____

RECEIVED FOR LABORATORY BY: _____
DATE: _____ TIME: _____

NO CRA RECORD

STL North Canton

*Saturn of Pleasanton
4390 & 4340 Rosewood Drive and 3956 Santa Rita Road, Pleasanton, California*



Photo #1: View of the initial excavation of the existing oil/water separator (OWS).



Photo #2: View of liquids being removed from the existing OWS for off Site disposal.

*Saturn of Pleasanton
4390 & 4340 Rosewood Drive and 3956 Santa Rita Road, Pleasanton, California*



Photo #3: View of excavated soils being temporarily staged adjacent to the OWS location.



Photo #4: View of the OWS excavation following the removal of the existing OWS.

*Saturn of Pleasanton
4390 & 4340 Rosewood Drive and 3956 Santa Rita Road, Pleasanton, California*



Photo #5: View of the OWS excavation following the removal of the existing OWS.



Photo #6: View of shoring placed in the OWS excavation.

*Saturn of Pleasanton
4390 & 4340 Rosewood Drive and 3956 Santa Rita Road, Pleasanton, California*



Photo #7: View of the placement and compaction of gravel bedding in the OWS excavation.



Photo #8: View of the new Jensen 2,500-gallon OWS during installation.



Photo #9: View of the Jensen 2,500-gallon OWS during installation.



Photo #10: View of the existing piping being reconnected to the new OWS.

*Saturn of Pleasanton
4390 & 4340 Rosewood Drive and 3956 Santa Rita Road, Pleasanton, California*



Photo #11: View of the entire OWS location following the OWS installation.



Photo #12: View of the OWS location following the completion of surface restoration.

APPENDIX F

Waste Transportation and Disposal Documentation

44 VT-3 52900

NON-HAZARDOUS WASTE MANIFEST 1. Generator's US EPA ID No. Manifest Document No. 2. Page 1 of 1 M-22-070703-01

Generator's Name and Mailing Address: Saturn of Pleasanton, 4340 Rosewood Drive, Pleasanton, CA
 4. Generator's Phone (734) 453-5123 Ben Holly, Agent for Encore
 Altamont Reference: MARCOR #37374 Waste Acceptance Form

5. Transporter 1 Company Name: Consolidated Waste 6. US EPA ID Number: C.A.D.9.8.3.6.6.8.5.8.3
 A. Transporter's Phone: 800-922-9984

7. Transporter 2 Company Name: 8. US EPA ID Number:
 B. Transporter's Phone:

9. Designated Facility Name and Site Address: Altamont Landfill, 10840 Altamont Pass Road, Livermore, CA 94550
 10. US EPA ID Number: C.A.D.9.8.1.3.8.2.7.3.2
 C. Facility's Phone: 510-449-6349

11. Waste Shipping Name and Description 12. Containers No. Type 13. Total Quantity 14. Unit Wt/Vol

a. Solidification/Class II Cover (Profile Number: 55056200) POT# 24718 0.0111 @ 1,800 G

b. CRA - SATURN OF PLEASANTON
 c. change order #002:
 d. ITEM # 02: 1,500 gallons
 300 gallons
 1,800 gallons

u. Additional Descriptions for Materials Listed Above: Non-Haz Water w/Oil

15. Special Handling Instructions and Additional Information: Job #22-03754-001, Site: 4340 Rosewood Drive, Pleasanton, CA

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Bob Siegfried for Marcor Signature: Robert T. Siegfried Month: 7 Day: 8 Year: 03

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name: Edwin Avila Signature: Edwin Avila Month: 07 Day: 08 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
 Printed/Typed Name: Signature: Month: Day: Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
 Printed/Typed Name: Rckr Signature: Rckr Month: 10 Day: 18 Year: 03

Altamont Landfill & RRF
10840 Altamont Pass Road
Livermore CA 94550

DATE: 07/08/2003
TICKET: 368042-1
TIME IN: 11:10
I/O: 1
TIME OUT: 11:33
STAGE TICKET: 220289

CARRIER: CONSO / Consolidated Waste Industries

TRUCK: 44 TRAILER#:

CUSTOMER: MARCOR / Marcor Remediation Inc

GENERATOR: SATURN / Saturn of Pleasanton

ORIGIN: PLEASANTON

PROF: 56200

PO: 2471A

MANIFEST WASTE DESCRIPTION QUANTITY
M22-0707 SC2C / 5000 lbs / 50

WEIGHMASTER IN: Robert Frank

53900 BS

WEIGHMASTER OUT: Robert Frank

40700 BS

1320 LBS TONS: 60

CUSTOMER:

My signature, as *Robert Frank* is correct, and understand and agree to all WM rules and policies while on site.

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

0E8683

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

M-22-071603-01

3. Generator's Name and Mailing Address

Saturn of Pleasanton
4340 Rosewood Drive, Pleasanton, CA

Altamont Reference:

MARCOR #37374

Waste Acceptance Form

4. Generator's Phone (734) 453-5123 Ben Holly, Agent for Encore

5. Transporter 1 Company Name
Consolidated Waste

6. US EPA ID Number
C.A.D. 9.8.3.6.6.8.5.8.3

A. Transporter's Phone
800-922-9984

7. Transporter 2 Company Name

B. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Altamont Landfill
10840 Altamont Pass Road
Livermore, CA 94550

10. US EPA ID Number

C.A.D. 9.8.1.3.8.2.7.3.2

C. Facility's Phone

510-449-6349

11. Waste Shipping Name and Description

a. Solidification/Class II Cover
(Profile Number: 55056200)

12. Containers	13. Total Quantity	14. Unit
No.	Type	Wt/Vol
0	01	050006

CRA - SATURN OF PLEASANTON
change order #002
Item # 02: 5,000 gallons

D. Additional Descriptions for Materials Listed Above

Non-Haz Water w/Oil

15. Special Handling Instructions and Additional Information

Job #22-03754-001

Site: 4340 Rosewood Drive, Pleasanton, CA

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

ROMMEL SALINAS (BEHALF OF SATURN OF PLEASANTON)

Signature

Rommel Salinas

Month Day Year
07 | 17 | 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Edwin Avila

Signature

Edwin Avila

Month Day Year
07 | 17 | 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

R. C. G.

Signature

R. C. G.

Month Day Year
17 | 17 | 03

TRANSPORTER # 1

GENERATOR

TRANSPORTER

FACILITY

0E8683

Altamont Landfill & RRF
10840 Altamont Pass Road
Livermore CA 94550

DATE: 07/17/2003
TIME IN: 08:57
TIME OUT: 09:36

TICKET: 369764-2
I/O: E
STAGE TICKET: 222051

CARRIER: CONGO / Consolidated Waste Industries
TRUCK: 04 TRAILER#:

CUSTOMER: MARCOR / Marcor Remediation Inc
GENERATOR: SATURN / Saturn of Pleasanton
ORIGIN: PLEASANTON

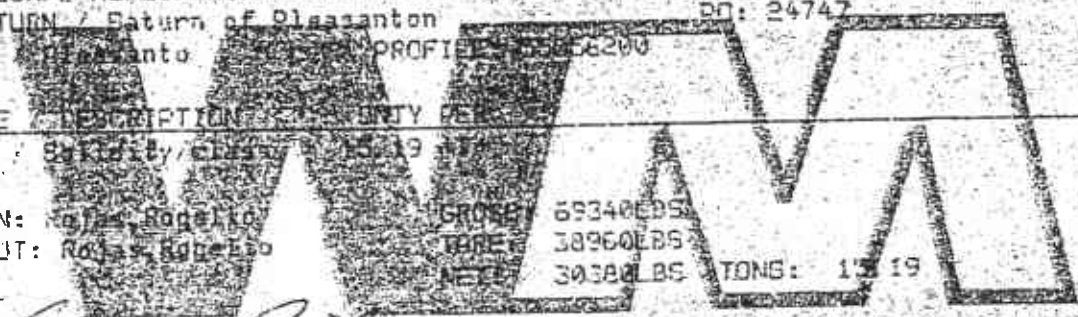
DO: 24747

PROFILE: 0506200

MANIFEST WASTE / DESCRIPTION / QUANTITY / UNIT
M2207190 SC2C / Solidity/chem / 15.19 /

WEIGHMASTER IN: Rojas, Rodolfo
WEIGHMASTER OUT: Rojas, Rodolfo

GROSS: 69340LBS
TARE: 38960LBS
NET: 30380LBS TONS: 15.19



CUSTOMER: *[Signature]*

My signature, as customer, confirms the information on this certificate is correct, and understand and agree to all rules and regulations on this site.

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

IT-10

0E8705

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. _____ Manifest Document No. _____ 2. Page 1 of 1 H-22-072803-01

3. Generator's Name and Mailing Address
Saturn of Pleasanton
 4340 Rosewood Drive, Pleasanton, CA
 4. Generator's Phone (734) 453-5123 Ben Holly, Agent for Encore

Altamont Reference:
 MARCOR 037974
 Waste Acceptance Form

5. Transporter 1 Company Name
Consolidated Waste
 a. US EPA ID Number
 CA D 9 8 3 6 6 8 5 8 3

A. Transporter's Phone
 500-922-9984

7. Transporter 2 Company Name
 b. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Altamont Landfill
 10840 Altamont Pass Road
 Livermore, CA 94550
 10. US EPA ID Number
 CA D 9 8 1 3 8 2 7 3 2

C. Facility's Phone
 510-449-6349

11. Waste Shipping Name and Description

12. Containers		13. Total Quantity	14. Unit Wt/Val
No.	Type		

a. **Solidification/Class II Cover**
 (Profile Number: 55056200)

--	--	--	--

CRA - SATURN OF PLEASANTON
change order # 003
ITEM # 01: 5,000 gallons

b. _____
 c. _____
 d. _____
 j. Additional Descriptions for Materials Listed Above
 Non-Haz Water w/oil

15. Special Handling Instructions and Additional Information
 Job #22-03754-001
 Site: 4340 Rosewood Drive, Pleasanton, CA

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name
 X **ROMMEL C. SALINAS, ON BEHALF OF SATURN PLEASANTON**

Signature *RCS*
 Month Day Year
 7 12 9 03

17. Transporter 1 Acknowledgment of Receipt of Materials
 Printed/Typed Name
Gregory Ford

Signature *Gregory Ford*
 Month Day Year
 07 12 9 03

18. Transporter 2 Acknowledgment of Receipt of Materials
 Printed/Typed Name

Signature
 Month Day Year

19. Discrepancy Indication Space

* Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest, except as noted in Item 19.

Printed/Typed Name

Signature *Ken Brown*
 Month Day Year
 7 29 03

TRANSPORTER # 1

GENERATOR

TRANSPORTER

Consolidated waste
TRUCK 01

7-29-03
0E8705
VT-10

1- WASTEBUNT

PROFILE 55056200
MATERIAL M-22-072803-01

GROSS - 68580 LBS.

TARE 39040 LBS.

Larry Inel

NET = 29,540 LBS.

14.77 TONS
KB

PO # 24803
 (FOR ALL SATURN LOADS 8/07/03)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 000001

2. Page 1 of 1

M-22-080703-01

3. Generator's Name and Mailing Address
 Saturn of Pleasanton
 4340 Rosewood Drive, Pleasanton CA 94588

Altamont Reference:
 MARCOR #37374
 Waste Acceptance Form

4. Generator's Phone (734) 453-5123 Ben Holly, Agent for Encore

5. Transporter 1 Company Name
 MARCOR Remediation, Inc.

6. US EPA ID Number
 M D R 0 0 0 0 1 3 8 5 4

A. Transporter's Phone
 510-632-9440

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
 Altamont Landfill
 10840 Altamont Pass Road
 Livermore, CA 94550

10. US EPA ID Number
 C A D 9 8 1 3 8 2 7 3 2

C. Facility's Phone
 925
 510-449-6349

11. Waste Shipping Name and Description

12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol

a. Class II Soil Disposal in County / Non-Haz Solid (Profile #55202100)

TOTAL TONS = 79.56
 BASE BID = (30.00)

b.

c.

TOTAL UNIT RATE
 INCREASE = 49.56
 @ \$ 41.55/TON

d.

D. Additional Descriptions for Materials Listed Above
 Non-Haz Soil w/Hydrocarbon

15. Special Handling Instructions and Additional Information
 Use tyvex & gloves.

Job #22-037⁵⁴45-001
 Job Site: 4340 Rosewood Drive, Pleasanton, CA

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name for Saturn of Pleasanton
 Bob Siegfried

Signature
 Robert T. Siegfried

Month Day Year
 08 08 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name
 Robin Delgado

Signature
 Robin Delgado

Month Day Year
 08 10 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature
 [Signature]

Month Day Year
 08 08 03

TRANSPORTER # 1

8/7-01

Altamont Landfill & RRF
10840 Altamont Pass Road
Livermore CA 94550

DATE: 08/08/2003
TIME IN: 14:50
TIME OUT: 14:50

TICKET: 400279-1
I/O: I
STAGE TICKET: 400528

CARRIER: MARCO / Marcor environmental
TRUCK: 2138 TRAILER#:

CUSTOMER: MARCOR / Marcor Remediation Inc
GENERATOR: SATURN / Saturn of Pleasanton
ORIGIN: PLEAS / Pleasanton

PO: 24803

PROFILE: 55202100

MANIFEST WASTE DESCRIPTION QUANTITY RECD
M-22-000 C2SD / Hazardous Solid Waste

WEIGHMASTER IN: Don [Signature] Frank GROSS: 28860 LBS
WEIGHMASTER OUT: Don [Signature] Frank TARE: 14880 LBS
NET: 13980 LBS TONS: 6.99

CUSTOMER: *[Signature]*

My signature, as customer, confirms the information reported to the weighmaster is correct, and under the authority of the Department of Food and Agriculture.

WASTE MANAGEMENT

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

P.O.#24803

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest 000001

2. Page 1 of 1

M-22-080703-02

Generator's Name and Mailing Address

Saturn of Pleasanton
4340 Rosewood Drive, Pleasanton, CA 94588

Altamont Reference:

MARCOR #37374
Waste Acceptance Form

4. Generator's Phone (734) 453-5123 Ben Holly, Agent for Encore

5. Transporter 1 Company Name
MARCOR Remediation, Inc.

6. US EPA ID Number
MDR000013854

A. Transporter's Phone
510-632-9440

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Altamont Landfill
10840 Altamont Pass Road
Livermore, CA

10. US EPA ID Number

CAD981382732

C. Facility's Phone

925
510-449-6349

11. Waste Shipping Name and Description

a. Class II Soil Disposal in County / Non-Haz Solid
(Profile #55202100)

12. Containers
No. | Type

13. Total Quantity

14. Unit Wt/Vol

GENERATOR

d. Additional Descriptions for Materials Listed Above

Non-Haz Soil w/Hydrocarbon

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Wear tyvex & gloves.

Job #: 22-037⁵⁴5-001

Job Site: 4340 Rosewood Drive, Pleasanton, CA

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name
Bob Siegfried for Saturn of Pleasanton

Signature
[Signature]

Month Day Year
08 | 08 | 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name
[Signature]

Signature
[Signature]

Month Day Year
08 | 08 | 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name
[Signature]

Signature
[Signature]

Month Day Year
08 | 08 | 03

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER #1

8/7-02

Altamont Landfill & RRF
40 Altamont Pass Road
Livermore CA 94550

DATE: 08/08/2003
TIME IN: 13:34
TIME OUT: 13:34

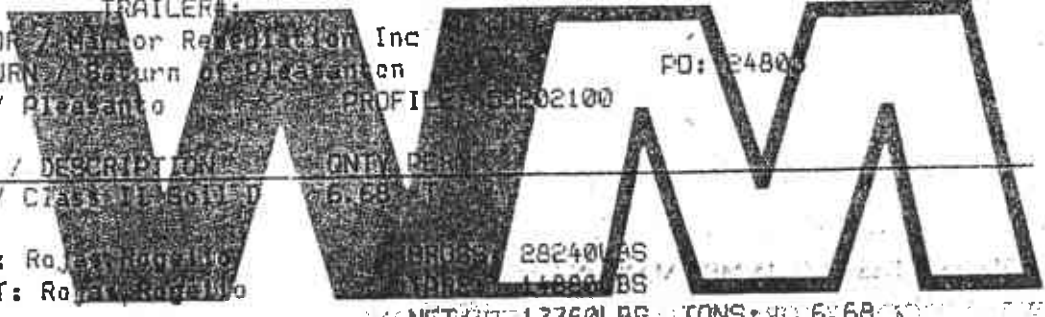
TICKET: 400270-1
T/O: I
STAGE TICKET: 400498

CARRIER: MARCO / Marcor environmental
TRUCK: 2138 TRAILER:

CUSTOMER: MARCOR / Marcor Remediation Inc
GENERATOR: SATURN / Saturn of Pleasanton
ORIGIN: PLEAS / Pleasanton

MANIFEST WASTE / DESCRIPTION
M2208070 C2SD / Class 10-60-00

WEIGHMASTER IN: Robert [Signature]
WEIGHMASTER OUT: Robert [Signature]



CUSTOMER: *[Signature]* **WASTE MANAGEMENT**

My signature, as customer, confirms the information reported to the weighmaster is correct, and understand and agree to all WM rules and policies while on site.

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

P.O. # 27801

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Document No
00001

2. Page 1 of 1

M-22-080703-03

Generator's Name and Mailing Address

Saturn of Pleasanton
4340 Rosewood Drive, Pleasanton, CA 94588

Altamont Reference:
MARCOR #37374
Waste Acceptance Form

4. Generator's Phone (734) 453-5123 Ben Holly, Agent for Encore

5. Transporter 1 Company Name
MARCOR Remediation, Inc.

6. US EPA ID Number
MDR . 0 0 0 0 1 3 8 5 4

A. Transporter's Phone
510-632-9440

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Altamont Landfill
10840 Altamont Pass Road
Livermore, CA

10. US EPA ID Number

C.A.D.9.8.1.3.8.2.7.3.2

C. Facility's Phone

925
510-449-6349

11. Waste Shipping Name and Description

a. Class II Soil Disposal in County / Non-Haz Solid
(Profile #55202100)

12. Containers No. Type 13. Total Quantity 14. Unit Wt/Val

D. Additional Descriptions for Materials Listed Above

Non-Haz Soil w/Hydrocarbon

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Wear tyvex & gloves.

Job #22-03754-001

Job Site: 4340 Rosewood Drive, Pleasanton, ca

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name
Bob Siegfried For Saturn of Pleasanton

Signature
[Signature]

Month Day Year
08 08 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name
Ruben Delgado

Signature
[Signature]

Month Day Year
10 08 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Bob Siegfried For Saturn of Pleasanton

Signature
[Signature]

Month Day Year
08 08 03

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature
Tom Brown

Month Day Year
08 08 03

GENERATOR

TRANSPORTER

FACILITY

8/7-03

Altamont Landfill & RRF
10 Altamont Pass Road
Livermore CA 94550

DATE: 08/08/2003
TIME IN: 12:17
TIME OUT: 12:18

TICKET: 400250-1
I/O: I
STAGE TICKET: 400466

CARRIER: MARCO / Marcor environmental
TRUCK: 2138 TRAILER:

CUSTOMER: MARCOR / Marcor Remediation Inc
GENERATOR: SATURN / Saturn Remediation
ORIGIN: PLEAS / Pleasanton

PO: 2480

PROFIT: 5502100

MANIFEST WASTE / DESCRIPTION QUANTITY PER

WEIGHMASTER IN: Brown
WEIGHMASTER OUT: Brown

28040 LBS
28040 LBS

NET: 13160 LBS TONS: 6.58

WASTE MANAGEMENT

CUSTOMER: *[Signature]*

My signature, as customer, confirms the information reported to the weighmaster is correct, and understand and agree to all WM rules and policies while on site.

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

P.O. #24803

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest No. **00001**

2. Page 1 of 1

M-22-080703-04

3. Generator's Name and Mailing Address
Saturn of Pleasanton

4340 Rosewood Drive, Pleasanton CA 94588

**Altamont Reference:
MARCOR Remediation #37374
Waste Acceptance Form**

4. Generator's Phone (**734**) **453-5123 Ben Holly, Agent for Encore**

5. Transporter 1 Company Name
MARCOR Remediation, Inc.

6. US EPA ID Number
M.D.R.0.0.0.0.1.3.8.5.4

A. Transporter's Phone
510-632-9440

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Altamont Landfill

**10840 Altamont Pass Road
Livermore, CA 94550**

10. US EPA ID Number
C.A.D.9.8.1.3.8.2.7.3.2

C. Facility's Phone
**925
510-449-6349**

11. Waste Shipping Name and Description

12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a.	Class II Soil Disposal in County / Non-Haz Solid (Profile #55202100)		
b.			
c.			
d.			

a. **Class II Soil Disposal in County / Non-Haz Solid
(Profile #55202100)**

GENERATOR

D. Additional Descriptions for Materials Listed Above

Non-Haz Soil w/Hydrocarbon

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Use tyvex & gloves.

Job #22-03754-001

Job Site: 4340 Rosewood Drive, Pleasanton, CA

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name
Bob Siegfried for Saturn of Pleasanton

Signature
[Signature]

Month Day Year
08 08 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name
Ruben Delgado

Signature
[Signature]

Month Day Year
08 08 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Bob Siegfried for Saturn of Pleasanton

Signature
[Signature]

Month Day Year
08 08 03

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature
[Signature]

Month Day Year
08 08 03

TRANSPORTER #1

TRANSPORTER

WASTE MANAGEMENT

Altamont Landfill & RRF
40 Altamont Pass Road
Livermore CA 94550

DATE: 08/08/2003
TIME IN: 10:49
TIME OUT: 10:49

TICKET: 400221-1
I/O: I
STAGE TICKET: 400398

CARRIER: MARCO / Marcor environmental

TRUCK: 2138

TRAILER:

CUSTOMER: MARCOR / Marcor Reclamation Inc

GENERATOR: SATURN / Saturn

ORIGIN: PLEAS / Pleasanton

PO: 24800

PROFIT: 5002100

MANIFEST WASTE / DESCRIPTION:

00001 C2SD / C1

WEIGHMASTER IN: Brown, Ken Sr

WEIGHMASTER OUT: Brown, Ken Sr

28260 LBS

TARE: 17800 LBS

NET WT: 13380 LBS TONS: 6.69

WASTE MANAGEMENT

CUSTOMER: *Ken Dyer* 103

My signature, as customer, confirms the information reported to the weighmaster is correct, and understand and agree to all WM rules and policies while on site.

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

P. U. T. 0. 1. 0. 0. 1

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest
Document No. **00081**

2. Page 1
of 1

M-22-080703-05

3. Generator's Name and Mailing Address
Saturn of Pleasanton

4340 Rosewood Drive, Pleasanton CA 94588

Altamont Reference:

MARCOR #37374

Waste Acceptance Form

4. Generator's Phone (734) **453-5123 Ben Holly, Agent for Encore**

5. Transporter 1 Company Name
MARCOR Remediation, Inc.

6. US EPA ID Number

M.D.R.0.0.0.0.1.3.8.5.4

A. Transporter's Phone

510-632-9440

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Altamont Landfill

10840 Altamont Pass Road

Livermore, CA 94550

10. US EPA ID Number

C.A.D.9.8.1.3.8.2.7.3.2

C. Facility's Phone

**925
510-449-6349**

11. Waste Shipping Name and Description

12. Containers

No. Type

13. Total

Quantity

14. Unit

Wt/Vol

a. **Class II Soil Disposal in County / Non-Haz Solid
(Profile #55202100)**

b.

c.

d.

D. Additional Descriptions for Materials Listed Above **Non-Haz Soil w/Hydrocarbon.**

Wear tyvex & gloves

Job Site: 4340 Rosewood Drive, Pleasanton, CA

Job #22-03754-001

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

ON BE HALF SATURN

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Ruben Delgado

Signature

Ruben Delgado

Month Day Year

08 08 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Ruben Delgado

Signature

Ruben Delgado

Month Day Year

08 08 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

R. H.

Signature

R. H.

Month Day Year

08 08 03

TRANSPORTER # 1

GENERATOR

TRANSPORTER

FA

ITY

Altamont Landfill & RRF
40 Altamont Pass Road
Livermore CA 94550

DATE: 08/08/2003
TIME IN: 09:22
TIME OUT: 09:22

TICKET: 400172-1
I/O: 1
STAGE TICKET: 400289

CARRIER: MARCO / Marcor environmental
TRUCK: 2138 TRAILER:

CUSTOMER: MARCOR / Marcor Remediation Inc
GENERATOR: SATURN / Saturn
ORIGIN: PLEAS / Pleasanton

PO: 2480

202100

MANIFEST WASTE / DESCRIPTION
00001 C2SD / C1

WEIGHMASTER IN: Roy
WEIGHMASTER OUT: Roy

29080 BS

29080 BS

NET: 14200 BS TONS: 7.10

WASTE MANAGEMENT

CUSTOMER: *[Signature]*

My signature, as customer, confirms the information reported to the weighmaster is correct, and understand and agree to all WM rules and policies while on site.

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

P.O. 24803

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Document No. 001

2. Page 1 of 1

M-22-080703-06

Generator's Name and Mailing Address
Saturn of Pleasanton
4340 Rosewood Drive, Pleasanton, CA 94588
4. Generator's Phone (734) 453-5123 Ben Holly, Agent for Encore

Altamont Landfill Reference
MARCOR #37374
Waste Acceptance Form

5. Transporter 1 Company Name
MARCOR Remediation, Inc.

6. US EPA ID Number
M d R 0 0 0 0 1 3 8 5 4

A. Transporter's Phone
510-632-9440

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Altamont Landfill
10840 Altamont Pass Road
Livermore, CA 94550

10. US EPA ID Number
C A D 9 8 1 3 8 2 7 3 2

C. Facility's Phone
925-449-6349

11. Waste Shipping Name and Description

12. Containers No. Type 13. Total Quantity 14. Unit Wt/Vol

a. **Class II Soil Disposal in County / Non-Haz Solid**
(Profile #55202100)

b.
c.
d.

D. Additional Descriptions for Materials Listed Above
Non-Haz Soil w/Hydrocarbon

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Wear tyvex & gloves.

Job Site: 4340 Rosewood Drive, Pleasanton, CA
Job #22-03754-001

ON GE HALF SATURN

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name
Ruben Delgado

Signature
Ruben Delgado

Month Day Year
08 10 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name
Ruben Delgado

Signature
Ruben Delgado

Month Day Year
08 07 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name

Signature
Month Day Year

19. Discrepancy Indication Space

J. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature
Ken Brown

Month Day Year
08 18 03

TRANSPORTER #1

GENERATOR

TRANSPORTER

FACILITY

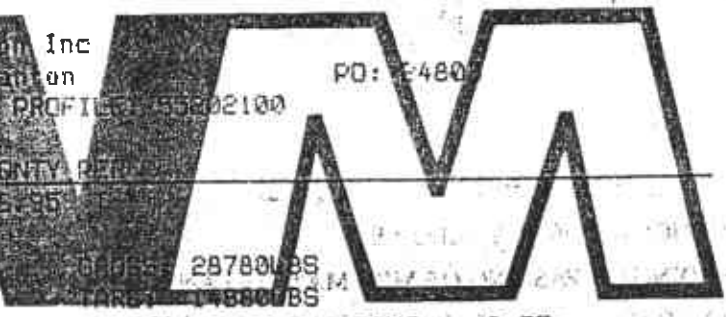
Mount Landfill & RRF
15440 Altamont Pass Road
Livermore CA 94550

DATE: 08/08/2003
TIME IN: 08:05
TIME OUT: 08:05

TICKET: 400146-1
I/O: 1
STAGE TICKET: 400236

CARRIER: MARCO / Marcor environmental
TRUCK: 2138 TRAILER:

CUSTOMER: MARCOR / Marcor Remediation Inc
GENERATOR: SATURN / Saturn of Pleasanton
ORIGIN: PLEAS / Pleasanton



MANIFEST WASTE / DESCRIPTION QTY RECD
001 C25D / Class 11 Solid 6.95

WEIGHMASTER IN: Brown, Ken S
WEIGHMASTER OUT: Brown, Ken S

NET: 13900 LB TONS: 6.95
TARGET: 14800 BS

WASTE MANAGEMENT

CUSTOMER: *[Signature]*

My signature, as customer, confirms the information reported to the weighmaster is correct, and understand and agree to all WM rules and policies while on site.

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

2138

P.O. 2700

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 238

2. Page 1 of 1

M-22-080703-07

Generator's Name and Mailing Address

Saturn of Pleasanton
4340 Rosewood Drive, Pleasanton, CA

Altamont Reference:
MARCOR #37374
Waste Acceptance Form

4. Generator's Phone (734) 453-5123 Ben Holly, Agent for Encore

5. Transporter 1 Company Name
MARCOR Remediation, Inc.

6. US EPA ID Number
M D R Q Q Q Q 1 3 8 54

A. Transporter's Phone
510-632-9440

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Altamont Landfill
10840 Altamont Pass Road
Livermore, CA 94550

10. US EPA ID Number

G A D 9 8 1 3 8 2 7 3 2

C. Facility's Phone

925-449-6349

11. Waste Shipping Name and Description

12. Containers

No. Type

13. Total Quantity

14. Unit Wt/Vol

a. Class II Soil Disposal in County / Non-Haz Solid
(Profile #55202100)

000.06 Y

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

Non-Haz Soil W/Hydrocarbon

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Wear Tyvex & Gloves.

Job Site: 4340 Rosewood Drive, Pleasanton, CA

Job #22-03754-001

ON BE HALF SATURN

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Ruben Delgado

Signature

[Signature]

Month Day Year
10 8 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Ruben Delgado

Signature

[Signature]

Month Day Year
10 8 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

[Signature]

Month Day Year
10 8 07

TRANSPORTER # 1

GENERATOR

TRANSPORTER

FACILITY

OPERATOR

P.O. 24803

8/7-07

Altamont Landfill & RRF
10840 Altamont Pass Road
Mermore CA 94550

DATE: 08/08/2003
TIME IN: 06:39
TIME OUT: 06:52

TICKET: 400129-1
I/O: I
STAGE TICKET: 400217

CARRIER: MARCO / Marcor environmental
TRUCK: 2138 TRAILER#:

CUSTOMER: MARCOR / Marcor Remediation Inc

GENERATOR: SATURN Saturn : 123

ORIGIN: PLEAS into PROFIT 02100

MANIFEST WASTE / DESCRIPTION / QUANTITY

239 C2SD / I 8 B

WEIGHMASTER IN: 26440 BS

WEIGHMASTER OUT: 14880 BS

1156 LBS TONS: 2.78

CUSTOMER:



My signature, as customer, is correct, and understand and agree to all WM rules and policies while on site.

WASTE MANAGEMENT
WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

P.V. # 21

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 00001

2. Page 1 of 1

M-22080803-01

Generator's Name and Mailing Address
Saturn of Pleasanton
4340 Rosewood Dr., Pleasanton, CA. 94508

4. Generator's Phone (734) 453-5123 Attn: Ben Holly, agent for Encore

5. Transporter 1 Company Name
MARCOR Remediation, Inc.

6. US EPA ID Number
M.D.R.0.0.0.0.1.3.8.5.4

A. Transporter's Phone
510-632-9440

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Altamont Landfill
10840 Altamont Pass Rd.
Livermore, CA. 94550

10. US EPA ID Number
C A D 9 8 1 3 8 2 7 3 2

C. Facility's Phone
925-449-6349

11. Waste Shipping Name and Description

12. Containers No. Type 13. Total Quantity 14. Unit Wt/Val #/Lb

a. Class II Soil Disposal in County/ Non-Haz Solid (Profile #55202100)

00.005 /

b.

c.

d.

Additional Descriptions for Materials Listed Above

Non-Haz Soil w/ Hydrocarbon

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Use Tyvek & Gloves.
Job Number: 22-03754-001
Job Site: 4340 Rosewood Drive, Pleasanton, CA 94508

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Ruben Delgado
ON behalf Saturn

Signature: [Handwritten Signature]

Month Day Year: 08/11/03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Ruben Delgado

Signature: [Handwritten Signature]

Month Day Year: 08/11/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.

Printed/Typed Name

Signature: [Handwritten Signature]

Month Day Year: 08/11/03

GENERATOR

TRANSPORTER

FACILITY

TY

sent Landfill & RRF
10040 Aitesont Pass Road
Livermore CA 94550

DATE: 08/11/2003
TIME IN: 06:45
TIME OUT: 05:45

TICKET: 400924-1
I/O: I
STAGE TICKET: 401541

CARRIER: MARCO / Marcor environmental
TRUCK: 2132 TRAILER:

CUSTOMER: MARCOR / Marcor Refining Inc
GENERATOR: SATURN / Saturn Distribution
ORIGIN: PLEAS / Pleasanton PROFILE: 55202100

PO: 2480

MANIFEST WASTE / DESCRIPTION: CONTY PER
00001 02SD / C135 AT 50000

WEIGHMASTER IN: Brown, Ken Sr 29440 LBS

WEIGHMASTER OUT: Brown, Ken Sr TARE: 14880 LBS

NET WT: 14560 LBS

TONS: 7.28

WASTE MANAGEMENT

CUSTOMER: *Ken Brown*

My signature, as customer, confirms the information reported to the weighmaster is correct, and understand and agree to all WM rules and policies while on site.

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12702) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

P. U. 210101

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest
Document No.
00001

2. Page 1
of 1

M-22080803-02

Generator's Name and Mailing Address
Barnum of Pleasanton
4340 Rosewood Dr., Pleasanton, CA. 94588

4. Generator's Phone (734) 453-5123 Attn: Ben Holly, agent for Encore

5. Transporter 1 Company Name
MARCOR Remediation, Inc.

6. US EPA ID Number
M.D.R.0.0.0.0.1.3.8.5.4

A. Transporter's Phone
510-632-9440

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Altamont Landfill
10840 Altamont Pass Rd.
Livermore, CA. 94550

10. US EPA ID Number
C.A.D.9.8.1.3.8.2.7.3.2

C. Facility's Phone
925-449-6349

11. Waste Shipping Name and Description

12. Containers
No. Type

13.
Total
Quantity

14.
Unit
Wt/Vol

a. Class II Soil Disposal in County/ Non-Haz Solid
(Profile #55202100)

GENERATOR

D. Additional Descriptions for Materials Listed Above

Non-Haz Soil w/ Hydrocarbon

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Use Tyvek & Gloves.
Job Number: 22-03754-001
Job Site: 4340 Rosewood Drive, Pleasanton, CA 94588

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name
Robert J. Lopez

Signature
[Signature]

Month Day Year
10.8.11.10.3

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name
Robert J. Lopez

Signature
[Signature]

Month Day Year
10.8.11.10.3

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature
[Signature]

Month Day Year
10.8.11.10.3

TRANSPORTER # 1

GENERATOR

TRANSPORTER

FACILITY

8/8 = 02

Altamont Landfill & RRF
1000 Altamont Pass Road
Livermore CA 94550

DATE: 08/11/2003
TIME IN: 08:18
TIME OUT: 08:19

TICKET: 400956-1
I/O: 1
STAGE TICKET: 401603

CARRIER: MARCO / Marcor environmental

TRUCK: 2138

CUSTOMER: MARCOR / Marcor Refuse Inc

GENERATOR: SATURN / Saturn Refuse Inc

ORIGIN: PLEAS / Pleasanton

PO: 24803

PROFIT: 00202100

MANIFEST WASTE / DESCRIPTION

00001 C2SD / C12SD

WEIGHMASTER IN: Brown, Ken Dr

WEIGHMASTER OUT: Brown, Ken Dr

29040 LBS

TARE: 14080 LBS

NET: 14160 LBS TONS: 7.02

WASTE MANAGEMENT

CUSTOMER: *[Signature]*

My signature, as customer, confirms the information reported to the weighmaster is correct, and understand and agree to all WM rules and policies while on site.

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

P.O #24803

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 00001

2. Page 1 of 1

M-220A0803-03

3. Generator's Name and Mailing Address: Saturn of Pleasanton, 4340 Rosewood Dr., Pleasanton, CA. 94588

4. Generator's Phone (734) 453-5123 Attn: Ben Holly, agent for Encore

5. Transporter 1 Company Name: MARCOR Remediation, Inc. 6. US EPA ID Number: M.D.R.0.0.0.0.1.3.8.5.4

A. Transporter's Phone: 510-632-9440

7. Transporter 2 Company Name: 8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address: Altamont Landfill, 10640 Altamont Pass Rd., Livermore, CA. 94550

10. US EPA ID Number: C.A.D.9.8.1.3.8.2.7.3.2

C. Facility's Phone: 925-449-6349

11. Waste Shipping Name and Description

12. Containers No. Type 13. Total Quantity 14. Unit Wt/Vol

a. Class II Soil Disposal in County/ Non-Haz Solid (Profile #55202100)

00005 Y

b.

c.

d.

D. Additional Descriptions for Materials Listed Above: Non-Haz Soil w/ Hydrocarbon

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Use Tyvek & Gloves. Job Number: 22-03754-001 Job Site: 4340 Rosewood Drive, Pleasanton, CA 94588

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Peter Deibel Signature: [Signature] Month Day Year: 08/11/03

17. Transporter 1 Acknowledgement of Receipt of Materials: Printed/Typed Name: Peter Deibel Signature: [Signature] Month Day Year: 08/11/03

18. Transporter 2 Acknowledgement of Receipt of Materials: Printed/Typed Name: Signature: Month Day Year:

19. Discrepancy Indication Space

J. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Signature: [Signature] Month Day Year: 8/11/03

GENERATOR

TRANSPORTER

FACILITY

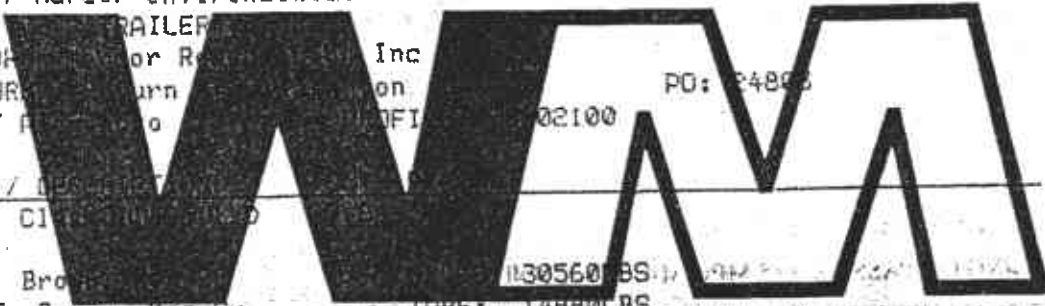
8/8 -03

AltaMont Landfill & RRF
16000 AltaMont Pass Road
Livermore CA 94550

DATE: 08/11/2003
TIME IN: 10:05
TIME OUT: 10:05

TICKET: 401003-1
I/O: I
STAGE TICKET: 401663

CARRIER: MARCO / Marco environmental
TRUCK: 2138 TRAILER:
CUSTOMER: MARCO
GENERATOR: SATURN
ORIGIN: PLEAS



MANIFEST WASTE /
00001 02SD / 01

WEIGHMASTER IN: Brown, Ken Sr
WEIGHMASTER OUT: Brown, Ken Sr

Inc
on
PO: 24803
02100
1130560 BS
THREE: 14880 LBS
NET: 15600 LBS TONS: 7.84

WASTE MANAGEMENT

CUSTOMER: *Ken Brown RB*

My signature, as customer, confirms the information reported to the weighmaster is correct, and understand and agree to all WM rules and policies while on site.

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

1001010

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. **000001**

2. Page 1 of 1

M-22080803-04

Generator's Name and Mailing Address
Return of Pleasanton
4340 Rosewood Dr., Pleasanton, CA. 94588

4. Generator's Phone (734) 453-5123 Attn: Ben Holly, agent for Encore

5. Transporter 1 Company Name
MARCOR Remediation, Inc.

6. US EPA ID Number
M D R 0 0 0 0 1 3 8 5 4

A. Transporter's Phone
510-632-9440

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Altamont Landfill
10840 Altamont Pass Rd.
Livermore, CA. 94550

10. US EPA ID Number
C A D 9 8 1 3 8 2 7 3 2

C. Facility's Phone
925-449-6349

11. Waste Shipping Name and Description

12. Containers
No. Type

13. Total Quantity

14. Unit Wt/Vol

a. Class II Soil Disposal in County/ Non-Haz Solid.
(Profile #55202100)

ESTI
00006 Y

b.

c.

d.

Additional Descriptions for Materials Listed Above

Non-Haz Soil w/ Hydrocarbon

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Use Tyvek & Gloves.

Job Number: 22-03754-001

Job Site: 4340 Rosewood Drive, Pleasanton, CA 94588

On be half signature

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name
Ruben Delgado

Signature
Ruben Delgado

Month Day Year
08 | 11 | 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name
Ruben Delgado

Signature
Ruben Delgado

Month Day Year
08 | 11 | 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name
Rub

Signature
Rub

Month Day Year
08 | 11 | 03

TRANSPORTER # 1

GENERATOR

TRANSPORTER

FACILITY

Altamont Landfill & RRF
10 Altamont Pass Road
Livermore CA 94550

DATE: 08/11/2003
TIME IN: 11:37
TIME OUT: 11:37

TICKET: 401059-1
I/O: I
STAGE TICKET: 401730

CARRIER: MARCO / Marcon environmental
TRUCK: 2138 TRAILER#:

CUSTOMER: MARCO Environmental Services Inc
GENERATOR: SATURN Environmental Services Inc
ORIGIN: PLEASANTON, CA

PO: 002403

02100

MANIFEST WASTE /
00001 C2SD / C

WEIGHMASTER IN: Ro
WEIGHMASTER OUT: Ro

28320 LBS
14880 LBS

NET: 13440 LBS TONS: 6.72



CUSTOMER: *[Signature]*

WASTE MANAGEMENT

My signature, as customer, confirms the information reported to the weighmaster is correct, and understand and agree to all WM rules and policies while on site.

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

P.O. # 24803

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Document No. 00007

2. Page 1 of 1

M-22080803-15

Generator's Name and Mailing Address
Saturn of Pleasanton
4340 Rosewood Dr., Pleasanton, CA. 94588

4. Generator's Phone (734) 453-5123 Attn: Ben Holly, agent for Encore

5. Transporter 1 Company Name
MARCOR Remediation, Inc.

6. US EPA ID Number
M.D.R.0.0.0.0.1.3.8.5.4

A. Transporter's Phone
510-632-9440

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Altamont Landfill
10840 Altamont Pass Rd.
Livermore, CA. 94550

10. US EPA ID Number
C A D 9 8 1 3 8 2 7 3 2

C. Facility's Phone
925-449-6349

11. Waste Shipping Name and Description

12. Containers No. Type 13. Total Quantity 14. Unit Wt/Vol

a. Class II Soil Disposal in County/ Non-Haz Solid
(Profile #55202100)

EST1
00.006 Y

GENERATOR

u. Additional Descriptions for Materials listed Above
Non-Haz Soil w/ Hydrocarbon

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Use Tyvek & Gloves.
Job Number: 22-03754-001
Job Site: 4340 Rosewood Drive, Pleasanton, CA 94588

DN by HATT SATURN

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name
Ruben Delgado

Signature
Ruben Delgado

Month Day Year
08 11 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name
Ruben Delgado

Signature
Ruben Delgado

Month Day Year
08 11 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature
J. Delgado

Month Day Year
08 11 03

TRANSPORTER #1

GENERATOR

TRANSPORTER

FACILITY

Altamont Landfill & RRF
10840 Altamont Pass Road
Livermore CA 94550

DATE: 08/11/2003
TIME IN: 16:34
TIME OUT: 16:35

TICKET: 401191-1
I/O: I
STAGE TICKET: 401999

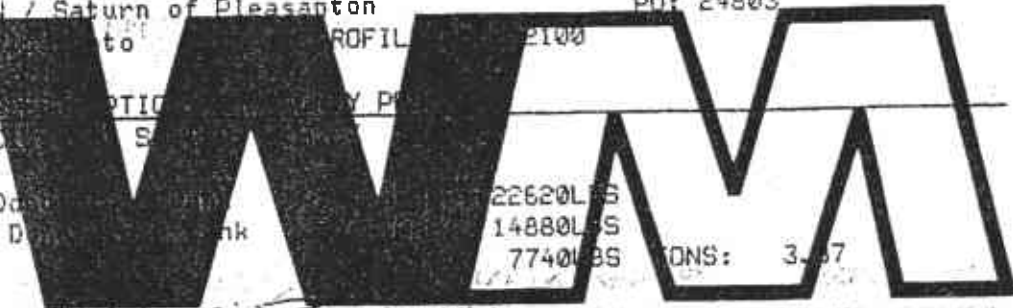
CARRIER: MARCO / Marcor environmental
TRUCK: 2138 TRAILER#:
CUSTOMER: MARCOR / Marcor Remediation Inc
GENERATOR: SATURN / Saturn of Pleasanton
ORIGIN: PLEAS / to ROFIL

PO: 24803

MANIFEST WASTE / C2SD /

WEIGHMASTER IN: 22620 LBS
WEIGHMASTER OUT: 14880 LBS

7740 LBS TONS: 3.37



CUSTOMER: *[Signature]*

My signature, as customer, certifies the information on this certificate is correct, and understand and agree to all our rules and policies while on site.

WASTE MANAGEMENT

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

Altamont Landfill & RRF
10840 Altamont Pass Road
Livermore CA 94550

DATE: 08/11/2003
TIME IN: 14:48
TIME OUT: 14:48

TICKET: 401164-1
I/O: I
STAGE TICKET: 401908

CARRIER: MARCO / Marcor environmental
TRUCK: 2138 LIC: 2138 TYPE: DT
CUSTOMER: MARCOR / Marcor Remediation Inc

TRAILER#:

ROUTE: NA / Non-hazardous ORIGIN: Pleasanton

MANIFEST WASTE / WASTE DESCRIPTION
C&D / Construction Debris

WEIGHMASTER IN: 22100 LBS
WEIGHMASTER OUT: 14880 LBS
7220 LBS TONS: 3.1

CUSTOMER: *[Signature]*

My signature, as customer, confirms the information reported to the weighmaster is correct, and under penalty of perjury.

WASTE MANAGEMENT

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

Broken concrete

Altamont Landfill & RRF
100 Altamont Pass Road
Livermore CA 94550

DATE: 08/11/2003
TIME IN: 13:14
TIME OUT: 13:14

TICKET: 401120-1
I/O: 1
STAGE TICKET: 401794

CARRIER: MARCO / Marcor environmental

TRUCK: 2138

LIC: 2138

TYPE: DT

TRAILER#:

CUSTOMER: MARCO Environmental Services Inc

PO: 24803

STATE: NA / Non-

CITY: Pleasanton

HAZARDOUS WASTE / ...
C&D / ...

WEIGHMASTER IN: Ro

23220.85

WEIGHMASTER OUT: Ro

14890.85

NET: 8340LBS TONS: 4.17

WASTE MANAGEMENT

CUSTOMER: *[Signature]*

My signature, as customer, confirms the information reported to the weighmaster is correct, and understand and agree to all WM rules and policies while on site.

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

*From 7
COM sheet.*