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ANNUAL OPERATIONS AND MAINTENANCE STATUS REPORT FOR AIR SPARGING AND SOIL VAPOR EXTRACTION SYSTEM AT 103RD STREET AND A AVENUE JET FUEL TRANSFER PIPELINE NAS CECIL FIELD FL

7/1/2003

TERRAINE INC ENVIRONMENTAL SERVICES

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Annual Operations and Maintenance Status Report

Air Sparging and Soil Vapor Extraction System
103rd Street and "A" Avenue
Jet Fuel Transfer Pipeline

May 23, 2002 – May 31, 2003

Naval Air Station Cecil Field
Jacksonville, Florida

Contract No. N62467-02-G-0352
Contract Task Order No. 0001

Submitted to:

U.S. Naval Facilities Engineering Command
Southern Division

Prepared by:

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July, 2003

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A PFDEP Annual Status Report Summary Form
B Laboratory Analytical Reports for Groundwater Samples

Signature Page

I, James L. Young, do hereby affirm that the information contained in this report is accurate and correct to the best of my knowledge and belief.

		PG-FL2090, REM-6089
James L. Young, P.G., REM President/CEO TERRAINE, Inc	Date	Registration Nos.

Acronym List

AS	Air Sparge
AST	Aboveground Storage Tank
bls	Below Land Surface
BOA	Blanket Ordering Agreement
ºC	Degrees Celsius
CCI	CH2M HILL Constructors, Inc.
cfm	Cubic Feet Per Minute
DO	Dissolved Oxygen
EPA	U.S. Environmental Protection Agency
FAC	Florida Administrative Code
FDEP	Florida Department of Environmental Protection
GAC	Granular Activated Carbon
GCTLs	Groundwater Cleanup Target Levels
J.A. Jones	J.A. Jones Environmental Services
LNAPL	Light Non-Aqueous Phase Liquids
NAS	Naval Air Station
NAVFAC	Naval Facilities Engineering Command
O&M	operation and maintenance
PRO	Petroleum Range Organics
psi	Pounds Per Square Inch
RAP	Remedial Action Plan
scfm	Standard Cubic Feet Per Minute
SVE	Soil Vapor Extraction
SVOC	Semi-volatile Organic Compound
TERRAINE	Terraine, Inc. Environmental Services
TRPH	Total Recoverable Petroleum Hydrocarbon
TtNUS	TetraTech NUS, Inc.
VOCs	Volatile Organic Compounds

1.0 Introduction

Terraine, Inc. (TERRAINE) has been contracted by the Department of the Navy, Southern Division, Naval Facilities Engineering Command, to provide operation and maintenance (O&M) services at 103rd Street and "A" Avenue Jet Fuel Transfer Pipeline (103rd Street and "A" Avenue), Naval Air Station (NAS) Cecil Field, Jacksonville, Florida, under Blanket Ordering Agreement (BOA) **Contract No. N62467-02-G-0352, Contract Task Order No. 0001**. The purpose of this Annual O&M Report is to provide a summary of yearly activities performed at the site during the period of May 23, 2002, to May 31, 2003. The Florida Department of Environmental Protection (FDEP) Annual Status Report Summary form is provided in Appendix A.

1.1 Objective

The objective of the remedial action at the site of 103rd Street and "A" Avenue is to reduce the concentrations of petroleum-related contaminants in the groundwater and unsaturated soils to target levels specified by Florida Administrative Code (FAC) 62-777. Air sparging/soil vapor extraction is the technology being utilized to achieve this objective.

1.2 Site History

The 103rd Street and "A" Avenue site is located approximately 1/4-mile east of the "A" Avenue gate to former NAS Cecil Field. An 8-inch-diameter, steel jet fuel transfer pipeline was completed in 1952 to transfer jet fuel from NAS Jacksonville to NAS Cecil Field. In July 1997, a small leak (1/8-inch-diameter) was discovered in the pipeline located beneath the eastbound lane of 103rd Street. In July 1997, Bechtel Environmental, Inc. removed approximately 900 cubic yards of petroleum-contaminated soil that had resulted from the leak. The pipeline is currently de-fueled and inactive (Tetra Tech NUS, Inc. [TtNUS], 1999).

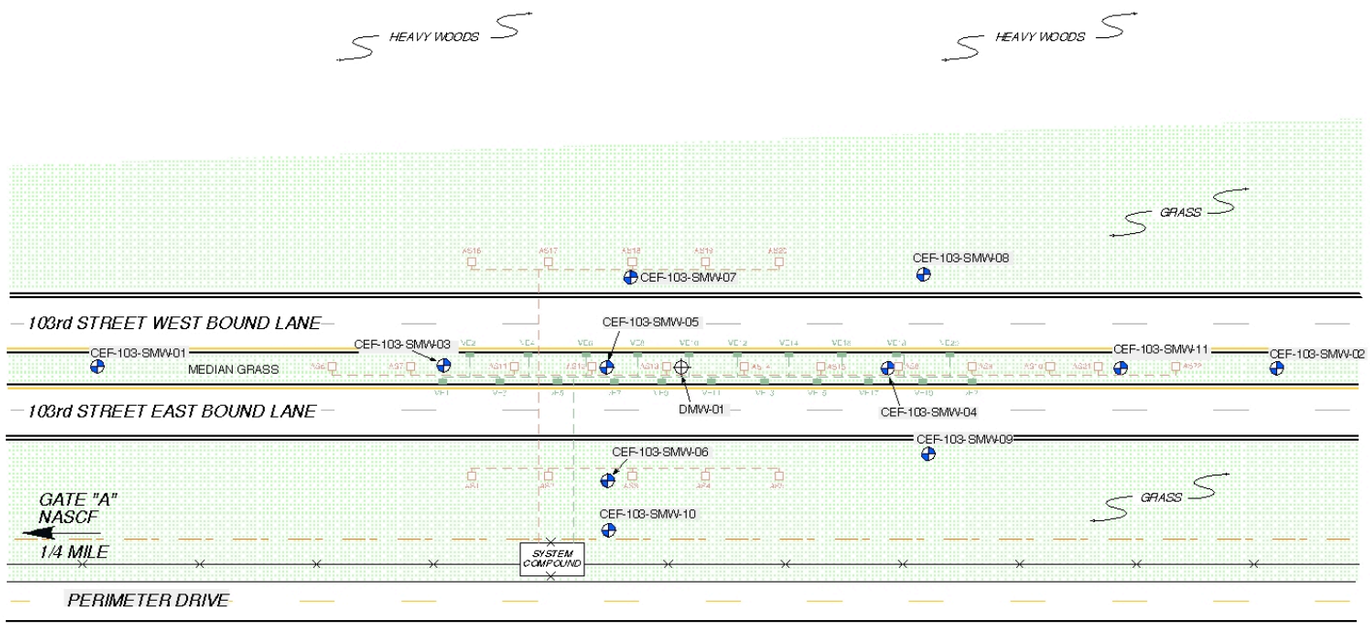
Site assessment activities were performed by TtNUS from 1998 to 1999 to delineate the extent of the light non-aqueous phase liquid (LNAPL), and soil and groundwater contamination at the site. A Remedial Action Plan (RAP) was subsequently submitted in August 1999. Air sparging and soil vapor extraction were specified in the RAP as the chosen remedial alternatives to address the soil and groundwater contamination at the site (TtNUS, 1999). The RAP-specified remediation system was constructed by CCI/J.A. Jones Environmental Services (J.A. Jones) during the period of March to May 2000 and start-up was completed on May 23, 2000. The system has been operated and maintained by CCI/J.A. Jones from start-up till the Third Quarter of 2002. TERRAINE took control of operation and maintenance beginning in October, 2002.

1.3 Remediation System/Technology Description

Air sparging is a method of expediting the transfer of saturated zone volatile organic compounds (VOCs) from the groundwater table to the vadose zone, where a soil vapor extraction (SVE) system can complete the VOC removal process. Hydrocarbon-free air is injected into air sparge wells, which are screened within the groundwater contaminant plume. As the injected air passes upward through the VOC-laden groundwater and soil,

VOCs are partitioned to the passing air and migrate to the vadose zone. The SVE wells, which are located in the vadose zone above the sparge area, apply a vacuum such that the sparge air is captured and removed from the subsurface. The 103rd Street and "A" Avenue air sparge system consists of 20 air sparge wells, labeled as AS-1 through AS-20 that are screened from 22 to 25 feet below land surface (bls), a rotary screw-type compressor, a receiver tank, and associated piping and instrumentation. The air sparge system is designed for each air sparge well to operate at an airflow rate of 10 to 12 cubic feet per minute (cfm) at a maximum pressure of 12 pounds per square inch (psi). The locations of the air sparge wells are shown in **Figure 1-1**.

Soil vapor extraction (SVE) is performed by applying a negative pressure (or vacuum) to SVE wells placed in the vadose zone. The actual removal is accomplished by lowering the relative pressure in the soil mass below the equilibrium pressure of the contaminant using a vacuum blower. The contaminant in the soil will volatilize, and then be removed via the SVE wells. The SVE system at the 103rd Street and "A" Avenue site consists of 21 vertical vapor extraction wells (labeled VE-1 through VE-21) a positive-displacement type vacuum blower, a moisture separator equipped with a transfer pump and storage tank, and associated piping and instrumentation. The SVE system was initially equipped with two 1,000-lb granular activated carbon (GAC) units placed in series to treat the soil vapors prior to being discharged to the atmosphere. The GACs were subsequently removed when the effluent VOC concentration decreased below the Florida Department of Environmental Protection (FDEP) requirement and the mandatory 30-day period had been satisfied (see section 3.1). The SVE system is designed for each vapor extraction well to operate at an airflow rate of 16 to 17 cfm and at a vacuum pressure of 4 inches of mercury (in Hg) at the wellhead. The locations of the SVE wells are shown on **Figure 1-1**.



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NOTES

DASHED LINES INDICATE SUBSURFACE FEATURES

LEGEND

- PERIMETER FENCE
- EDGE OF PAVEMENT
- BELLSOUTH PHONE UTILITY LINE
- SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- AIR SPARGE WELL VAULT
- SVE WELL VAULT

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FIGURE 1-1

SITE MAP

103RD STREET SITE
NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

0 40 ft 80 ft 160 ft
1 inch = 80 feet

DWN BY: JLY	CHK BY: MJP
SCALE: 1" = 80'	APR BY: JLY
DATE: 02-21-03	FILE: 04-41001

2.0 System Performance Monitoring

O&M and system checks were performed weekly during the monitoring period. During an O&M check, a preventative maintenance checklist (based upon manufacturer's recommendations) is completed, any required maintenance activity is performed, and system performance is evaluated, which consists of recording system meter and gauge readings.

The SVE system was turned off prior to commencement of O&M activities by TERRAINE, at the direction of the FDEP. As such, no activities relative to the SVE system have been conducted since October 1, 2002.

2.1 Operational Efficiencies

2.1.1 Air Sparging System

	Period	To Date
Hours of Possible Operation:	8,928	22,056
Hours of Actual Operation:	8241	16,429
Percent Hours of Operation:	92.3	74.5

Note: Hours of 0peration for the period of May 23, 2002 to October 1, 2002 have been estimated.

2.1.2 Soil Vapor Extraction System

The SVE system was deactivated prior to commencement of O&M activities by TERRAINE.

2.2 Summary of Maintenance and System Downtime

2.2.1 AS System

During the period of May 23, 2002 to May 31, 2003, the AS system ran a total of 343.4 days out of a possible 372 days, resulting in approximately 687 hours of down time. Data regarding system operations between May 23, 2002 and October 1, 2002 has not been reported by the previous consultant; operation time during that period was estimated based on averages from the remainder of the reporting period. The AS system down time is detailed as follows:

- The system was down on four occasions due to a high discharge temperature. The system cooled during the down time and was re-activated upon discovery.
- The system was down on two occasions due to power failures. The system was re-activated upon discovery.
- The system was manually turned off prior to commencement of the groundwater monitoring events and was re-activated after completion of the monitoring events. The shutdowns lasted approximately one day for the quarterly monitoring events and two days for the annual monitoring event.

2.2.2 SVE System

The SVE system was deactivated prior to commencement of O&M activities by TERRAINE, under direction of the FDEP.

2.3 Pressure/Flow Rate Monitoring

2.3.1 Air Sparge System

Prior to commencement of O&M activities by TERRAINE, the Air Sparging system had a reduction in total number of operating wells. Only Air Sparge (AS) wells AS-8, AS-9, AS-10, AS-14, AS-15, AS-21, and AS-22 are currently active. Data collected between May 23, 2002 and October 1, 2002 has not been submitted by the previous contractor. Since October 1, 2002, pressure was measured at each sparge wellhead on a monthly basis. The wellhead pressures for the shallow sparge wells averaged 9.75 psi during the monitoring period, compared to the design pressure of 9 psi. The data are provided in **Table 2-1**.

2.3.2 Vapor Extraction System

The SVE system was deactivated prior to commencement of O&M activities by TERRAINE.

2.4 Water Level Measurements

Depth-to-water measurements were recorded at selected monitoring wells on a quarterly basis during the monitoring period. The top of casing elevation, depth-to-water measurements, and calculated water level elevations are provided in **Table 2-2**.

LNAPL was not noted in any monitoring well during the monitoring period.

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
ANNUAL REPORT - 2003
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-1	5/26/00	NR	10
	6/2/00	NR	11
	6/9/00	0	9
	6/22/00	0	0
	7/24/00	NR	NR
	8/29/00	NR	0
	10/30/00	NR	8
	11/27/00	NR	8
	12/18/00	NR	8
	1/30/01	NR	7
	2/26/01	NR	10
	3/26/01	NR	0
	4/30/01	NR	0
	5/21/01	NR	9
	7/24/01	NR	5
	8/29/01	NR	9
	9/19/01	NR	10
	10/29/01	NR	10
	11/27/01	NR	8
	12/20/01	NR	10
	1/30/02	NR	8
	2/25/02	NR	9
	3//2002	NR	9
	4/15/02	NR	9
	5/20/02	NR	9
	6/26/02	NR	9
	7/29/02	NR	8
	8/30/02	NR	NR
	9/20/02	0	0
	10/17/02	NR	NR
	11/14/02	NR	NR
	12/19/02	NR	NR
	1/16/03	NR	NR
	2/14/03	NR	NR
	3/13/03	NR	NR
	4/10/03	NR	NR
	5/12/03	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
ANNUAL REPORT - 2003
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-2	5/26/00	NR	11
	6/2/00	NR	9
	6/9/00	0	9
	6/22/00	0	0
	7/24/00	NR	NR
	8/29/00	NR	0
	10/30/00	NR	8
	11/27/00	NR	8
	12/18/00	NR	10
	1/30/01	NR	8
	2/26/01	NR	10
	3/26/01	NR	0
	4/30/01	NR	10
	5/21/01	NR	10
	7/24/01	NR	5
	8/29/01	NR	9
	9/19/01	NR	NR
	10/29/01	NR	9
	11/27/01	NR	8
	12/20/01	NR	11
	1/30/02	NR	8
	2/25/02	NR	10
	3/28/02	NR	10
	Apr-02	NR	NR
	4/15/02	NR	8
	5/20/02	NR	8
	6/26/02	NR	9
	7/29/02	NR	9
	8/30/02	NR	NR
	9/20/02	0	0
	11/14/02	NR	NR
	12/19/02	NR	NR
	1/16/03	NR	NR
	2/14/03	NR	NR
	3/13/03	NR	NR
	3/19/03	NR	NR
	3/13/03	NR	NR
	4/10/03	NR	NR
	5/12/03	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
ANNUAL REPORT - 2003
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-3	5/26/00	NR	9
	6/2/00	NR	9
	6/9/00	0	9
	6/22/00	0	10
	7/24/00	NR	10
	8/29/00	NR	11
	10/30/00	NR	11
	11/27/00	NR	10
	12/18/00	NR	10
	1/30/01	NR	8
	2/26/01	NR	11
	3/26/01	NR	12
	4/30/01	NR	11
	5/21/01	NR	10
	7/24/01	NR	10
	8/29/01	NR	9
	9/19/01	NR	12
	10/29/01	NR	10
	11/27/01	NR	10
	12/20/01	NR	10
	1/30/02	NR	11
	2/25/02	NR	11
	3/28/02	NR	9.5
	4/15/02	NR	11
	5/20/02	NR	9
	6/26/02	NR	9
	7/29/02	NR	8
	8/30/02	NR	NR
	9/20/02	0	0
	10/17/02	NR	NR
	11/14/02	NR	NR
	12/19/02	NR	NR
	1/16/03	NR	NR
	2/14/03	NR	NR
	3/13/03	NR	NR
	4/10/03	NR	NR
	5/12/03	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
ANNUAL REPORT - 2003
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-4	5/26/00	NR	11
	6/2/00	NR	10
	6/9/00	0	9
	6/22/00	0	10
	7/24/00	NR	NR
	8/29/00	NR	11
	10/30/00	NR	9
	11/27/00	NR	12
	12/18/00	NR	10
	1/30/01	NR	6
	2/26/01	NR	10
	3/26/01	NR	12
	4/30/01	NR	11
	5/21/01	NR	9
	7/24/01	NR	10
	8/29/01	NR	9
	9/19/01	NR	11
	10/29/01	NR	11
	11/27/01	NR	10
	12/20/01	NR	10
	1/30/02	NR	11
	2/25/02	NR	9
	3/28/02	NR	10
	4/15/02	NR	10
	5/20/02	NR	9
	6/26/02	NR	9
	7/29/02	NR	10
	8/30/02	NR	NR
	9/20/02	0	0
	10/17/02	NR	NR
	11/14/02	NR	NR
	12/19/02	NR	NR
	1/16/03	NR	NR
	2/14/03	NR	NR
	3/13/03	NR	NR
	4/10/03	NR	NR
	5/12/03	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
ANNUAL REPORT - 2003
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-5	5/26/00	NR	14
	6/2/00	NR	9
	6/9/00	0	9
	6/22/00	0	11
	7/24/00	NR	12
	8/29/00	NR	11
	10/30/00	NR	8
	11/27/00	NR	12
	12/18/00	NR	9
	1/30/01	NR	7
	2/26/01	NR	10
	3/26/01	NR	14
	4/30/01	NR	8
	5/21/01	NR	12
	7/24/01	NR	10
	8/29/01	NR	10
	9/19/01	NR	12
	10/29/01	NR	10
	11/27/01	NR	12
	12/20/01	NR	9
	1/30/02	NR	12
	2/25/02	NR	10
	3/28/02	NR	10
	4/15/02	NR	11
	5/20/02	NR	8
	6/26/02	NR	10
	7/29/02	NR	10
	8/30/02	NR	NR
	9/20/02	0	0
	10/17/02	NR	NR
	11/14/02	NR	NR
	12/19/02	NR	NR
	1/16/03	NR	NR
	2/14/03	NR	NR
	3/13/03	NR	NR
	4/10/03	NR	NR
	5/12/03	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
ANNUAL REPORT - 2003
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-6	5/26/00	NR	10
	6/2/00	NR	9
	6/9/00	0	9
	6/22/00	0	8
	7/24/00	NR	13
	8/29/00	NR	8
	10/30/00	NR	9
	11/27/00	NR	10
	12/18/00	NR	8
	1/30/01	NR	10
	2/26/01	NR	12
	3/26/01	NR	9
	4/30/01	NR	10
	5/21/01	NR	10
	7/24/01	NR	10
	8/29/01	NR	8
	9/19/01	NR	12
	10/29/01	NR	9
	11/27/01	NR	10
	12/20/01	NR	10
	1/30/02	NR	10
	2/25/02	NR	10
	3/28/02	NR	10
	4/15/02	NR	10
	5/20/02	NR	10
	6/26/02	NR	9
	7/29/02	NR	8
	8/30/02	NR	NR
	9/20/02	0	0
	10/17/02	NR	NR
	11/14/02	NR	NR
	12/19/02	NR	NR
	1/16/03	NR	NR
	2/14/03	NR	NR
	3/13/03	NR	NR
	4/10/03	NR	NR
	5/12/03	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
ANNUAL REPORT - 2003
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-7	5/26/00	NR	9
	6/2/00	NR	9
	6/9/00	0	9
	6/22/00	0	10
	7/24/00	NR	14
	8/29/00	NR	8
	10/30/00	NR	8
	11/27/00	NR	12
	12/18/00	NR	10
	1/30/01	NR	10
	2/26/01	NR	12
	3/26/01	NR	10
	4/30/01	NR	10
	5/21/01	NR	10
	7/24/01	NR	10
	8/29/01	NR	9
	9/19/01	NR	10
	10/29/01	NR	9
	11/27/01	NR	10
	12/20/01	NR	10
	1/30/02	NR	10
	2/25/02	NR	11
	3/28/02	NR	10
	4/15/02	NR	10
	5/20/02	NR	10
	6/26/02	NR	9
	7/29/02	NR	9
	8/30/02	NR	NR
	9/20/02	0	0
	10/17/02	NR	NR
	11/14/02	NR	NR
	12/19/02	NR	NR
	1/16/03	NR	NR
	2/14/03	NR	NR
	3/13/03	NR	NR
	4/10/03	NR	NR
	5/12/03	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
ANNUAL REPORT - 2003
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-8	5/26/00	NR	9
	6/2/00	NR	9
	6/9/00	0	11
	6/22/00	0	8
	7/24/00	NR	10
	8/29/00	NR	9
	10/30/00	NR	9
	11/27/00	NR	12
	12/18/00	NR	14
	1/30/01	NR	7
	2/26/01	NR	12
	3/26/01	NR	10
	4/30/01	NR	10
	5/21/01	NR	8
	7/24/01	NR	10
	8/29/01	NR	9
	9/19/01	NR	12
	10/29/01	NR	10
	11/27/01	NR	9
	12/20/01	NR	10
	1/30/02	NR	10
	2/25/02	NR	10
	3/28/02	NR	10
	4/15/02	NR	10
	5/20/02	NR	9
	6/26/02	NR	10
	7/29/02	NR	10
	8/30/02	NR	NR
	9/20/02	2	10
	10/17/02	2.5	11
	11/14/02	16	15
	12/19/02	60	11
	1/16/03	60	15
	2/14/03	180	11
	3/13/03	80	15
	4/10/03	170	10
	5/12/03	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
ANNUAL REPORT - 2003
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-9	5/26/00	NR	11
	6/2/00	NR	10
	6/9/00	0	10
	6/22/00	0	8
	7/24/00	NR	11
	8/29/00	NR	NR
	10/30/00	NR	8
	11/27/00	NR	10
	12/18/00	NR	10
	1/30/01	NR	7
	2/26/01	NR	10
	3/26/01	NR	10
	4/30/01	NR	9
	5/21/01	NR	10
	7/24/01	NR	10
	8/29/01	NR	9
	9/19/01	NR	10
	10/29/01	NR	10
	11/27/01	NR	8
	12/20/01	NR	11
	1/30/02	NR	10
	2/25/02	NR	10
	3/28/02	NR	10
	4/15/02	NR	9
	5/20/02	NR	9
	6/26/02	NR	9
	7/29/02	NR	9
	8/30/02	NR	NR
	9/20/02	2	14
	10/17/02	2.5	11
	11/14/02	15	10
	12/19/02	58	13
	1/16/03	65	17
	2/14/03	180	12
	3/13/03	80	15
	4/10/03	170	10
	5/12/03	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
ANNUAL REPORT - 2003
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-10	5/26/00	NR	9
	6/2/00	NR	9
	6/9/00	0	12
	6/22/00	0	8
	7/24/00	NR	13
	8/29/00	NR	NR
	10/30/00	NR	8
	11/27/00	NR	10
	12/18/00	NR	14
	1/30/01	NR	8
	2/26/01	NR	10
	3/26/01	NR	14
	4/30/01	NR	9
	5/21/01	NR	9
	7/24/01	NR	10
	8/29/01	NR	8
	9/19/01	NR	10
	10/29/01	NR	11
	11/27/01	NR	9
	12/20/01	NR	11
	1/30/02	NR	9
	2/25/02	NR	10
	3/28/02	NR	10
	4/15/02	NR	10
	5/20/02	NR	9
	6/26/02	NR	10.5
	7/29/02	NR	9
	8/30/02	NR	NR
	9/20/02	2	11
	10/17/02	3.0	11
	11/14/02	14	8
	12/19/02	60	12
	1/16/03	60	10
	2/14/03	180	12
	3/13/03	80	16
	4/10/03	180	11
	5/12/03	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
ANNUAL REPORT - 2003
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-11	5/26/00	NR	11
	6/2/00	NR	9
	6/9/00	0	9
	6/22/00	0	9
	7/24/00	NR	11
	8/29/00	NR	11
	10/30/00	NR	10
	11/27/00	NR	12
	12/18/00	NR	11
	1/30/01	NR	10
	2/26/01	NR	9
	3/26/01	NR	10
	4/30/01	NR	11
	5/21/01	NR	11
	7/24/01	NR	10
	8/29/01	NR	9
	9/19/01	NR	12
	10/29/01	NR	12
	11/27/01	NR	11
	12/20/01	NR	11
	1/30/02	NR	11
	2/25/02	NR	11
	3/28/02	NR	10.5
	4/15/02	NR	10.5
	5/20/02	NR	11
	6/26/02	NR	10
	7/29/02	NR	10
	8/30/02	NR	NR
	9/20/02	0	0
	10/17/02	NR	NR
	11/14/02	NR	NR
	12/19/02	NR	NR
	1/16/03	NR	NR
	2/14/03	NR	NR
	3/13/03	NR	NR
	4/10/03	NR	NR
	5/12/03	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
ANNUAL REPORT - 2003
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-12	5/26/00	NR	11
	6/2/00	NR	7
	6/9/00	0	10
	6/22/00	0	9.5
	7/24/00	NR	12
	8/29/00	NR	8
	10/30/00	NR	9
	11/27/00	NR	12
	12/18/00	NR	12
	1/30/01	NR	8
	2/26/01	NR	11
	3/26/01	NR	14
	4/30/01	NR	8
	5/21/01	NR	9
	7/24/01	NR	10
	8/29/01	NR	9
	9/19/01	NR	13
	10/29/01	NR	10
	11/27/01	NR	10
	12/20/01	NR	10
	1/30/02	NR	10
	2/25/02	NR	10
	3/28/02	NR	10
	4/15/02	NR	9.5
	5/20/02	NR	9
	6/26/02	NR	10
	7/29/02	NR	10
	8/30/02	NR	NR
	9/20/02	0	0
	10/17/02	NR	NR
	11/14/02	NR	NR
	12/19/02	NR	NR
	1/16/03	NR	NR
	2/14/03	NR	NR
	3/13/03	NR	NR
	3/19/03	NR	NR
	4/10/03	NR	NR
	5/12/03	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
ANNUAL REPORT - 2003
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-13	5/26/00	NR	10
	6/2/00	NR	9
	6/9/00	0	10
	6/22/00	0	9
	7/24/00	NR	10.5
	8/29/00	NR	8
	10/30/00	NR	11
	11/27/00	NR	10
	12/18/00	NR	10
	1/30/01	NR	8
	2/26/01	NR	11
	3/26/01	NR	8
	4/30/01	NR	10
	5/21/01	NR	9
	7/24/01	NR	10
	8/29/01	NR	8
	9/19/01	NR	9
	10/29/01	NR	10
	11/27/01	NR	10
	12/20/01	NR	10
	1/30/02	NR	10
	2/25/02	NR	10
	3/28/02	NR	10
	4/15/02	NR	10
	5/20/02	NR	10
	6/26/02	NR	10
	7/29/02	NR	10
	8/30/02	NR	NR
	9/20/02	0	0
	10/17/02	NR	NR
	11/14/02	NR	NR
	12/19/02	NR	NR
	1/16/03	NR	NR
	2/14/03	NR	NR
	3/13/03	NR	NR
	4/10/03	NR	NR
	5/12/03	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
ANNUAL REPORT - 2003
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-14	5/26/00	NR	9
	6/2/00	NR	9
	6/9/00	0	9
	6/22/00	0	8
	7/24/00	NR	12
	8/29/00	NR	8
	10/30/00	NR	10
	11/27/00	NR	12
	12/18/00	NR	12
	1/30/01	NR	7
	2/26/01	NR	10
	3/26/01	NR	12
	4/30/01	NR	8
	5/21/01	NR	10
	7/24/01	NR	10
	8/29/01	NR	9
	9/19/01	NR	10
	10/29/01	NR	10
	11/27/01	NR	9
	12/20/01	NR	10
	1/30/02	NR	10
	2/25/02	NR	10
	3/28/02	NR	10
	4/15/02	NR	9.5
	5/20/02	NR	9
	6/26/02	NR	10
	7/29/02	NR	9
	8/30/02	NR	NR
	9/20/02	2	10
	10/17/02	2.5	10
	11/14/02	14	10
	12/19/02	58	12
	1/16/03	65	11
	2/14/03	185	12
	3/13/03	90	16
	4/10/03	180	11
	5/12/03	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
ANNUAL REPORT - 2003
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-15	5/26/00	NR	11
	6/2/00	NR	9
	6/9/00	0	11
	6/22/00	0	8.5
	7/24/00	NR	11
	8/29/00	NR	15
	10/30/00	NR	8
	11/27/00	NR	10
	12/18/00	NR	8
	1/30/01	NR	6
	2/26/01	NR	12
	3/26/01	NR	14
	4/30/01	NR	10
	5/21/01	NR	9
	7/24/01	NR	10
	8/29/01	NR	9
	9/19/01	NR	6
	10/29/01	NR	10
	11/27/01	NR	9
	12/20/01	NR	10
	1/30/02	NR	8
	2/25/02	NR	10
	3/28/02	NR	9
	4/15/02	NR	9
	5/20/02	NR	9
	6/26/02	NR	9
	7/29/02	NR	9
	8/30/02	NR	NR
	9/20/02	2	10
	10/17/02	0	9
	11/14/02	16	9
	12/19/02	56	13
	1/16/03	65	11
	2/14/03	180	11
	3/13/03	80	16
	4/10/03	180	11
	5/12/03	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
ANNUAL REPORT - 2003
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-16	5/26/00	NR	11
	6/2/00	NR	10
	6/9/00	0	10
	6/22/00	0	10
	7/24/00	NR	NR
	8/29/00	NR	10
	10/30/00	NR	10
	11/27/00	NR	10
	12/18/00	NR	10
	1/30/01	NR	6
	2/26/01	NR	10
	3/26/01	NR	10
	4/30/01	NR	10
	5/21/01	NR	8
	7/24/01	NR	10
	8/29/01	NR	10
	9/19/01	NR	10
	10/29/01	NR	9
	11/27/01	NR	10
	12/20/01	NR	10
	1/30/02	NR	10
	2/25/02	NR	10
	3/28/02	NR	10
	4/15/02	NR	10
	5/20/02	NR	9
	6/26/02	NR	8
	7/29/02	NR	9
	8/30/02	NR	NR
	9/20/02	0	0
	10/17/02	NR	NR
	11/14/02	NR	NR
	12/19/02	NR	NR
	1/16/03	NR	NR
	2/14/03	NR	NR
	3/13/03	NR	NR
	4/10/03	NR	NR
	5/12/03	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
ANNUAL REPORT - 2003
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-17	5/26/00	NR	9
	6/2/00	NR	10
	6/9/00	0	10
	6/22/00	0	10
	7/24/00	NR	NR
	8/29/00	NR	10
	10/30/00	NR	10
	11/27/00	NR	8
	12/18/00	NR	10
	1/30/01	NR	7
	2/26/01	NR	10
	3/26/01	NR	9
	4/30/01	NR	10
	5/21/01	NR	10
	7/24/01	NR	10
	8/29/01	NR	8
	9/19/01	NR	10
	10/29/01	NR	9
	11/27/01	NR	10
	12/20/01	NR	11
	1/30/02	NR	10
	2/25/02	NR	11
	3/28/02	NR	9.5
	4/15/02	NR	10
	5/20/02	NR	8
	6/26/02	NR	8
	7/29/02	NR	9
	8/30/02	NR	NR
	9/20/02	0	0
	10/17/02	NR	NR
	11/14/02	NR	NR
	12/19/02	NR	NR
	1/16/03	NR	NR
	2/14/03	NR	NR
	3/13/03	NR	NR
	4/10/03	NR	NR
	5/12/03	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
ANNUAL REPORT - 2003
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-18	5/26/00	NR	11
	6/2/00	NR	9
	6/9/00	0	10
	6/22/00	0	10
	7/24/00	NR	NR
	8/29/00	NR	0
	10/30/00	NR	10
	11/27/00	NR	12
	12/18/00	NR	10
	1/30/01	NR	7
	2/26/01	NR	12
	3/26/01	NR	11
	4/30/01	NR	12
	5/21/01	NR	11
	7/24/01	NR	12
	8/29/01	NR	9
	9/19/01	NR	12
	10/29/01	NR	10
	11/27/01	NR	12
	12/20/01	NR	10
	1/30/02	NR	12
	2/25/02	NR	10
	3/28/02	NR	10
	4/15/02	NR	11
	5/20/02	NR	10
	6/26/02	NR	9
	7/29/02	NR	8
	8/30/02	NR	NR
	9/20/02	0	0
	10/17/02	NR	NR
	11/14/02	NR	NR
	12/19/02	NR	NR
	1/16/03	NR	NR
	2/14/03	NR	NR
	3/13/03	NR	NR
	3/19/03	NR	NR
	4/10/03	NR	NR
	5/12/03	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
ANNUAL REPORT - 2003
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-19	5/26/00	NR	11
	6/2/00	NR	9
	6/9/00	0	10
	6/22/00	0	10
	7/24/00	NR	14
	8/29/00	NR	8
	10/30/00	NR	8
	11/27/00	NR	12
	12/18/00	NR	10
	1/30/01	NR	8
	2/26/01	NR	8
	3/26/01	NR	8
	4/30/01	NR	8
	5/21/01	NR	8
	7/24/01	NR	8
	8/29/01	NR	9
	9/19/01	NR	8
	10/29/01	NR	9
	11/27/01	NR	8
	12/20/01	NR	10
	1/30/02	NR	8
	2/25/02	NR	9
	3/28/02	NR	8
	4/15/02	NR	9
	5/20/02	NR	9
	6/26/02	NR	9
	7/29/02	NR	9
	8/30/02	NR	NR
	9/20/02	0	0
	10/17/02	NR	NR
	11/14/02	NR	NR
	12/19/02	NR	NR
	1/16/03	NR	NR
	2/14/03	NR	NR
	3/13/03	NR	NR
	4/10/03	NR	NR
	5/12/03	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
ANNUAL REPORT - 2003
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-20	5/26/00	NR	11
	6/2/00	NR	11
	6/9/00	0	10
	6/22/00	0	8
	7/24/00	NR	12
	8/29/00	NR	4
	10/30/00	NR	2
	11/27/00	NR	10
	12/18/00	NR	10
	1/30/01	NR	8
	2/26/01	NR	0
	3/26/01	NR	0
	4/30/01	NR	NR
	5/21/01	NR	8
	7/24/01	NR	4
	8/29/01	NR	10
	9/19/01	NR	8
	10/29/01	NR	9
	11/27/01	NR	9
	12/20/01	NR	11
	1/30/02	NR	9
	2/25/02	NR	10
	3/28/02	NR	10
	4/15/02	NR	9.5
	5/20/02	NR	9
	6/26/02	NR	8
	7/29/02	NR	NR
	8/30/02	NR	NR
	9/20/02	0	0
	10/17/02	NR	NR
	11/14/02	NR	NR
	12/19/02	NR	NR
	1/16/03	NR	NR
	2/14//03	NR	NR
	3/13/03	NR	NR
	4/10/03	NR	NR
	5/12/03	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
ANNUAL REPORT - 2003
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-21	5/20/02	100	7.5
	6/26/02	50	11
	7/29/02	20	11
	8/30/02	NR	NR
	9/20/02	170	9
	11/14/02	14	11
	12/19/02	60	12
	1/16/03	0	12
	2/14/03	180	11
	3/13/03	80	15
	4/10/03	170	10
	5/12/03	NR	NR
AS-22	5/20/02	100	8.5
	6/26/02	55	9.5
	7/29/02	30	10
	8/30/02	NR	NR
	9/20/02	160	8.5
	11/14/02	10	14
	12/19/02	48	12
	1/16/03	70	11
	2/14/03	180	11
	3/13/03	80	15
	4/10/03	170	10
	5/12/03	NR	NR

NR = Meter Not Read
psi = pounds per square inch
acfm = actual cubic feet per minute

TABLE 2-2
GROUNDWATER MONITORING WELL - WATER LEVEL & FREE PRODUCT DATA
ANNUAL REPORT - 2003

103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Well Identification	Well Total Depth (feet bgs)	Date	Top of Casing Elevation (Feet)	Depth to Product (Feet)	Depth to Water (Feet)	Water Level Elevation (Feet)
CEF-103-SMW-01	13.00	8/30/00	81.85	no product	4.56	77.29
		9/28/00		no product	3.07	78.78
		10/31/00		no product	4.19	77.66
		11/27/00		NM	NM	NM
		12/20/00		no product	5.38	76.47
		2/27/01		no product	5.10	76.75
		3/27/01		no product	3.54	78.31
		4/30/01		no product	4.82	77.03
		5/22/01		no product	5.57	76.28
		7/24/01		no product	2.97	78.88
		8/30/01		no product	3.50	78.35
		11/27/01		no product	4.56	77.29
		12/20/01		no product	3.32	78.53
		2/26/02		no product	3.89	77.96
		3/28/02		no product	3.70	78.15
		4/15/02		no product	3.45	78.40
		5/21/02		no product	5.24	76.61
		6/26/02		no product	5.05	76.80
		7/29/02		no product	1.78	80.07
		8/30/02		NM	NM	NM
		9/12/02		no product	3.77	78.08
		12/17/02		no product	3.35	78.50
		3/12/03		-	-	-
		5/13/03		no product	4.11	77.74
CEF-103-SMW-02	13.25	8/30/00	82.30	4.99	5.00	77.30
		9/28/00		no product	4.05	78.25
		10/31/00		no product	5.50	76.80
		11/27/00		NM	NM	NM
		12/20/00		no product	6.53	75.77
		2/27/01		no product	6.89	75.41
		3/27/01		no product	4.81	77.49
		4/30/01		no product	6.59	75.71
		5/22/01		no product	7.56	74.74
		7/24/01		no product	4.26	78.04
		8/30/01		no product	4.75	77.55
		11/27/01		no product	5.80	76.50
		12/20/01		no product	4.08	78.22
		2/26/02		no product	5.74	76.56
		3/28/02		no product	5.14	77.16
		4/15/02		no product	4.51	77.79
		5/21/02		no product	7.04	75.26
		6/26/02		no product	5.78	76.52
		7/29/02		no product	3.25	79.05
		8/30/02		NM	NM	NM
		9/12/02		no product	5.11	77.19
		12/17/02		no product	4.52	77.78
		3/12/03		no product	3.05	79.25
		5/13/03		no product	6.12	76.18

TABLE 2-2
GROUNDWATER MONITORING WELL - WATER LEVEL & FREE PRODUCT DATA
ANNUAL REPORT - 2003

103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Well Identification	Well Total Depth (feet bgs)	Date	Top of Casing Elevation (Feet)	Depth to Product (Feet)	Depth to Water (Feet)	Water Level Elevation (Feet)
CEF-103-SMW-03	12.60	8/30/00	82.03	NM	NM	NM
		9/28/00		no product	12.60	69.43
		10/31/00		no product	12.14	69.89
		11/27/00		NM	NM	NM
		12/20/00		no product	8.67	73.36
		2/27/01		no product	9.63	72.40
		3/27/01		no product	4.97	77.06
		4/30/01		no product	NM	NM
		5/22/01		no product	10.90	71.13
		7/24/01		no product	4.20	77.83
		8/30/01		no product	5.03	77.00
		11/27/01		no product	8.45	73.58
		12/20/01		no product	4.60	77.43
		2/26/02		no product	8.76	73.27
		3/28/02		no product	4.50	77.53
		4/15/02		no product	6.08	75.95
		5/21/02		no product	well dry	NM
		6/26/02		no product	4.95	77.08
		7/29/02		no product	3.58	78.45
		8/30/02		NM	NM	NM
		9/12/02		no product	7.85	74.18
		12/17/02		no product	3.35	78.68
		3/12/03		-	-	-
		5/13/03		no product	4.40	77.63
CEF-103-SMW-04	12.66	8/30/00	82.23	NM	NM	NM
		9/28/00		NM	NM	NM
		10/31/00		no product	6.46	75.77
		11/27/00		NM	NM	NM
		12/20/00		no product	6.75	75.48
		2/27/01		no product	7.02	75.21
		3/27/01		no product	4.41	77.82
		4/30/01		no product	5.88	76.35
		5/22/01		no product	8.45	73.78
		7/24/01		no product	2.70	79.53
		8/30/01		no product	5.24	76.99
		11/27/01		no product	6.52	75.71
		12/20/01		no product	2.30	79.93
		2/26/02		no product	10.55	71.68
		3/28/02		no product	3.49	78.74
		4/15/02		no product	5.71	76.52
		5/21/02		no product	9.91	72.32
		6/26/02		no product	6.45	75.78
		7/29/02		no product	2.74	79.49
		8/30/02		NM	NM	NM
		9/12/02		no product	7.65	74.58
		12/17/02		no product	12.51	69.72
		3/12/03		no product	3.47	78.76
		5/13/03		no product	6.92	75.31

TABLE 2-2
GROUNDWATER MONITORING WELL - WATER LEVEL & FREE PRODUCT DATA
ANNUAL REPORT - 2003

103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Well Identification	Well Total Depth (feet bgs)	Date	Top of Casing Elevation (Feet)	Depth to Product (Feet)	Depth to Water (Feet)	Water Level Elevation (Feet)
CEF-103-SMW-05	13.26	8/30/00	82.37	no product	5.52	76.85
		9/28/00		NM	NM	NM
		10/31/00		no product	5.87	76.50
		11/27/00		NM	NM	NM
		12/20/00		no product	6.47	75.90
		2/27/01		no product	6.24	76.13
		3/27/01		no product	3.98	78.39
		4/30/01		no product	4.61	77.76
		5/22/01		no product	6.72	75.65
		7/24/01		no product	1.70	80.67
		8/30/01		no product	4.17	78.20
		11/27/01		no product	4.70	77.67
		12/20/01		no product	2.81	79.56
		2/26/02		no product	4.74	77.63
		3/28/02		no product	3.35	79.02
		4/15/02		no product	3.95	78.42
		5/21/02		no product	7.25	75.12
		6/26/02		no product	5.53	76.84
		7/29/02		no product	2.95	79.42
		8/30/02		NM	NM	NM
		9/12/02		no product	5.16	77.21
		12/17/02		no product	3.44	78.93
		3/12/03		no product	2.07	80.30
		5/13/03		no product	4.64	77.73
CEF-103-SMW-06	13.18	8/30/00	77.33	NM	NM	NM
		9/28/00		NM	NM	NM
		10/31/00		no product	8.26	69.07
		11/27/00		no product	0.00	77.33
		12/20/00		no product	3.15	74.18
		2/27/01		no product	5.23	72.10
		3/27/01		no product	0.50	76.83
		4/30/01		no product	2.78	74.55
		5/22/01		no product	6.59	70.74
		7/24/01		no product	0.10	77.23
		8/30/01		no product	2.77	74.56
		11/27/01		no product	2.10	75.23
		12/20/01		no product	0.00	77.33
		2/26/02		no product	4.70	72.63
		3/28/02		no product	0.00	77.33
		4/15/02		no product	2.45	74.88
		5/21/02		no product	7.68	69.65
		6/26/02		no product	0.40	76.93
		7/29/02		no product	0.00	77.33
		8/30/02		NM	NM	NM
		9/12/02		no product	3.15	74.18
		12/17/02		no product	0.20	77.13
		3/12/03		no product	0.00	77.33
		5/13/03		no product	1.70	75.63

TABLE 2-2
GROUNDWATER MONITORING WELL - WATER LEVEL & FREE PRODUCT DATA
ANNUAL REPORT - 2003

103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Well Identification	Well Total Depth (feet bgs)	Date	Top of Casing Elevation (Feet)	Depth to Product (Feet)	Depth to Water (Feet)	Water Level Elevation (Feet)
CEF-103-SMW-07	13.29	8/30/00	79.35	7.62	7.63	71.72
		9/28/00		no product	7.91	71.44
		10/31/00		no product	8.10	71.25
		11/27/00		no product	3.10	76.25
		12/20/00		no product	5.60	73.75
		2/27/01		no product	6.51	72.84
		3/27/01		no product	2.16	77.19
		4/30/01		no product	3.12	76.23
		5/22/01		no product	7.89	71.46
		7/24/01		no product	2.41	76.94
		8/30/01		no product	3.51	75.84
		11/27/01		no product	4.02	75.33
		12/20/01		no product	0.05	79.30
		2/26/02		no product	6.10	73.25
		3/28/02		no product	2.90	76.45
		4/15/02		no product	3.05	76.30
		5/21/02		no product	7.90	71.45
		6/26/02		no product	1.78	77.57
		7/29/02		no product	2.65	76.70
		8/30/02		NM	NM	NM
		9/12/02		no product	4.40	74.95
		12/17/02		no product	1.63	77.72
		3/12/03		no product	0.42	78.93
		5/13/03		no product	3.31	76.04
CEF-103-SMW-08	18.23	8/30/00	79.55	no product	2.53	77.02
		9/28/00		NM	NM	NM
		10/31/00		no product	3.28	76.27
		11/27/00		no product	2.95	76.60
		12/20/00		no product	4.04	75.51
		2/27/01		no product	4.48	75.07
		3/27/01		no product	2.22	77.33
		4/30/01		no product	3.67	75.88
		5/22/01		no product	5.70	73.85
		7/24/01		no product	2.38	77.17
		8/30/01		no product	2.30	77.25
		11/27/01		no product	3.45	76.10
		12/20/01		no product	2.44	77.11
		2/26/02		no product	2.90	76.65
		3/28/02		no product	2.75	76.80
		4/15/02		no product	2.39	77.16
		5/21/02		no product	5.16	74.39
		6/26/02		no product	3.09	76.46
		7/29/02		no product	2.52	77.03
		8/30/02		NM	NM	NM
		9/12/02		no product	2.60	76.95
		12/17/02		no product	0.50	79.05
		3/12/03		NM	NM	NM
		5/13/03		no product	3.98	75.57

TABLE 2-2
GROUNDWATER MONITORING WELL - WATER LEVEL & FREE PRODUCT DATA
ANNUAL REPORT - 2003

103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Well Identification	Well Total Depth (feet bgs)	Date	Top of Casing Elevation (Feet)	Depth to Product (Feet)	Depth to Water (Feet)	Water Level Elevation (Feet)
CEF-103-SMW-09	13.24	8/30/00	79.67	no product	4.56	75.11
		9/28/00		NM	NM	NM
		10/31/00		no product	4.65	75.02
		11/27/00		no product	2.99	76.68
		12/20/00		no product	4.55	75.12
		2/27/01		no product	5.13	74.54
		3/27/01		no product	2.70	76.97
		4/30/01		no product	4.68	74.99
		5/22/01		no product	7.15	72.52
		7/24/01		no product	1.60	78.07
		8/30/01		no product	5.43	74.24
		11/27/01		no product	4.00	75.67
		12/20/01		no product	0.84	78.83
		2/26/02		no product	4.90	74.77
		3/28/02		no product	2.40	77.27
		4/15/02		no product	2.88	76.79
		5/21/02		no product	6.95	72.72
		6/26/02		no product	3.30	76.37
		7/29/02		no product	1.15	78.52
		8/30/02		NM	NM	NM
		9/12/02		no product	2.96	76.71
		12/17/02		no product	3.16	76.51
		3/12/03		NM	NM	NM
		5/13/03		no product	4.84	74.83
CEF-103-SMW-10	11.63	8/30/00	77.29	NM	NM	NM
		9/28/00		no product	0.45	76.84
		10/31/00		no product	2.35	74.94
		11/27/00		no product	1.05	76.24
		12/20/00		no product	2.11	75.18
		2/27/01		no product	2.95	74.34
		3/27/01		no product	0.50	76.79
		4/30/01		no product	3.27	74.02
		5/22/01		no product	4.89	72.40
		7/24/01		no product	0.00	77.29
		8/30/01		no product	1.88	75.41
		11/27/01		no product	1.30	75.99
		12/20/01		no product	0.55	76.74
		2/26/02		no product	1.00	76.29
		3/28/02		no product	1.05	76.24
		4/15/02		no product	1.02	76.27
		5/21/02		no product	4.31	72.98
		6/26/02		no product	1.75	75.54
		7/29/02		no product	0.30	76.99
		8/30/02		NM	NM	NM
		9/12/02		no product	0.75	76.54
		12/17/02		no product	0.10	77.19
		3/12/03		no product	0.00	77.29
		5/13/03		no product	1.82	75.47

TABLE 2-2
GROUNDWATER MONITORING WELL - WATER LEVEL & FREE PRODUCT DATA
ANNUAL REPORT - 2003

103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Well Identification	Well Total Depth (feet bgs)	Date	Top of Casing Elevation (Feet)	Depth to Product (Feet)	Depth to Water (Feet)	Water Level Elevation (Feet)
CEF-103-SMW-11	16.10	8/30/00	82.48	no product	5.55	76.93
		9/28/00		no product	4.60	77.88
		10/31/00		no product	6.06	76.42
		11/27/00		NM	NM	NM
		12/20/00		no product	6.78	75.70
		2/27/01		no product	7.14	75.34
		3/27/01		no product	5.02	77.46
		4/30/01		no product	NM	NM
		5/22/01		no product	7.64	74.84
		7/24/01		no product	5.56	76.92
		8/30/01		no product	5.17	77.31
		11/27/01		no product	6.24	76.24
		12/20/01		no product	4.28	78.20
		2/26/02		no product	5.82	76.66
		3/28/02		no product	5.28	77.20
		4/15/02		no product	4.94	77.54
		5/21/02		no product	7.69	74.79
		6/26/02		no product	6.14	76.34
		7/29/02		no product	3.15	79.33
		8/30/02		NM	NM	NM
		9/12/02		no product	6.88	75.60
		12/17/02		no product	6.50	75.98
		3/12/03		no product	4.17	78.31
		5/13/03		no product	6.89	75.59
CEF-103-SMW-12	12.80	8/30/00	82.04	6.50	6.51	75.53
		9/28/00		NM	NM	NM
		10/31/00		no product	6.51	75.53
		11/27/00		NM	NM	NM
		12/20/00		no product	6.28	75.76
		2/27/01		no product	6.93	75.11
		3/27/01		no product	3.84	78.20
		4/30/01		no product	5.34	76.70
		5/22/01		no product	8.26	73.78
		7/24/01		no product	2.94	79.10
		8/30/01		no product	4.45	77.59
		11/27/01		no product	5.40	76.64
		12/20/01		no product	2.77	79.27
		2/26/02		no product	5.81	76.23
		3/28/02		no product	4.15	77.89
		4/15/02		no product	3.63	78.41
		5/21/02		no product	8.16	73.88
		6/26/02		no product	5.61	76.43
		7/29/02		no product	2.59	79.45
		8/30/02		NM	NM	NM
		9/12/02		no product	4.39	77.65
		12/17/02		NM	NM	NM
		3/12/03		NM	NM	NM
		5/13/03		no product	4.98	77.06

TABLE 2-2
GROUNDWATER MONITORING WELL - WATER LEVEL & FREE PRODUCT DATA
ANNUAL REPORT - 2003

103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Well Identification	Well Total Depth (feet bgs)	Date	Top of Casing Elevation (Feet)	Depth to Product (Feet)	Depth to Water (Feet)	Water Level Elevation (Feet)
CEF-103-DMW-01	38.75	8/30/00	82.40	no product	6.96	75.44
		9/28/00		NM	NM	NM
		10/31/00		no product	7.06	75.34
		11/27/00		NM	NM	NM
		12/20/00		no product	6.96	75.44
		2/27/01		no product	7.92	74.48
		3/27/01		no product	5.37	77.03
		4/30/01		no product	8.18	74.22
		5/22/01		no product	9.62	72.78
		7/24/01		no product	4.38	78.02
		8/30/01		no product	4.41	77.99
		11/27/01		no product	6.50	75.90
		12/20/01		no product	5.70	76.70
		2/26/02		no product	5.99	76.41
		3/28/02		no product	5.86	76.54
		4/15/02		no product	5.69	76.71
		5/21/02		no product	9.55	72.85
		6/26/02		no product	7.35	75.05
		7/29/02		no product	4.26	78.14
		8/30/02		NM	NM	NM
		9/12/02		no product	4.78	77.62
		12/17/02		no product	5.02	77.38
		3/12/03		NM	NM	NM
		5/13/03		no product	6.85	75.55

NM = Not Measured
bgs = below ground surface
Elevation is referenced to National Geodetic Vertical Datum 1929 (NGVD 1929)
Depth to product measured from top of casing
Depth to water measured from top of casing
- : Data for these wells was lost prior to backup due to handheld computer problems

3.0 Summary of Sampling and Laboratory Analytical Results

3.1 Vapor Monitoring

The SVE system was deactivated prior to commencement of O&M activities by TERRAINE.

3.2 Groundwater Monitoring

On May 13-14, 2003, groundwater from monitoring wells CEF-103-SMW-01, CEF-103-SMW-02, CEF-103-SMW-03, CEF-103-SMW-04, CEF-103-SMW-05, CEF-103-SMW-06, CEF-103-SMW-07, CEF-103-SMW-08, CEF-103-SMW-09, CEF-103-SMW-10, CEF-103-SMW-11, CEF-103-SMW-12, and CEF-103-DMW-01 was sampled for VOCs, semivolatile organic compounds (SVOCs), lead, and petroleum-range organics (PRO). All monitoring wells sampled have exhibited significant decreases in contaminant concentrations from the baseline groundwater-sampling event that was performed on March 20, 2000, prior to system start up. The contaminant concentrations for samples obtained in the 2003 annual monitoring event are below groundwater cleanup target levels (GCTLs) for all constituents except lead (CEF-103-SMW-04). The locations of the wells are shown on **Figure 1-1**. Copies of the analytical laboratory reports from the groundwater sampling events are provided in Appendix B, and analytical results are summarized on **Table 3-1**.

Temperature, pH, conductivity, and dissolved oxygen (DO) measurements were recorded during sampling of the monitoring wells. The results from the field measurements are summarized on **Table 3-2**.

TABLE 3-1
Annual Report - 2003
Groundwater Analytical Results
NAS Cecil Field, Jacksonville, Florida

	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,3,5-Trimethylbenzene	Chloromethane	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	n-Propylbenzene	4-Isopropyltoluene	sec-Butylbenzene	1- Methylnaphthalene	2-Methylnaphthalene	Naphthalene (by EPA Method 8021or 8260B)	Naphthalene (by EPA Method 8310 or 8270C)	Petroleum Range Org (PRO) in mg/L	Lead in mg/L
CEF-103-SMW01	03/20/00	<2	1.1	<3	<5	2.9	2.4	<6.5	1.4	<2.5	1.1	1.3	<2.5	2	<2	<6	<6.5	<1	<1	3.5	<1.0	0.42	0.068
	09/28/00	<2	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	<6	<6.5	<1	<1	0.89	<1.04	0.44	<0.010
	12/20/00	<2	<5.5	<3	<5	0.91	0.57	<6.5	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	<6	<6.5	<1	<1	2	<1	0.47	0.11
	03/27/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	0.53	<2	<6	<6.5	<1	<1	<2	<1	0.97	0.049
	05/23/01	0	5.5	<3	<5	1.5	2	<6.5	13	<2.5	0.63	5.5	<2.5	0.87	<2	<6	<6.5	<1	<1	2	<1	1	0.1
	08/30/01	<0.5	<1	0.55	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.21	<0.21	NA	<0.21	<0.52	0.015
	11/27/01	<1	<1	<1	<2	<1	<1	<1	<0..56	<1	<1	<0.46	<0.2	<2	<0.19	<0.19	<0.21	<0.22	<0.22	<1	<0.22	<0.54	<0.002
	02/26/02	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<0.2	<1	<0.19	<0.19	<0.21	<0.21	<0.21	<1	<0.21	<0.22	<0.005
	05/21/02	<1	<1	<1	<3	<1	<1	<1	<.56	<1	<1	<.46	<0.2	<1	<0.19	<0.19	<0.21	<0.21	<0.21	<1	<0.21	<0.21	<0.005
	09/12/02	<1	<1	<1	<3	<1	<1	<1	<.56	<1	<1	<.46	<0.2	<1	<0.19	<0.19	<0.21	<0.21	<0.21	<1	<0.21	0.22	<0.005
	12/17/02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<1.0	<1.04	<1.04	<2.50	<1.04	<0.200	<0.003
	03/12/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.2	<2.2	<5.00	<2.2	<0.211	<0.003
	05/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.0	<2.0	<5.00	<2.0	<0.200	<0.003
CEF-103-SMW02	03/20/00	<2	<5.5	<3	<5	1.1	1.7	1.9	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	5.2	<6.5	<1	<1	3.7	<1.0	0.33	0.036
	09/28/00	<2	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	<6	<6.5	<1	<1	0.69	<1.04	0.66	0.032
	12/20/00	<2	<5.5	<3	<5	<1.5	<2	0.64	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	<6	<6.5	<1	<1	1.5	<1	0.58	0.17
	03/27/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	0.51	<2	<6	<6.5	<1	<1	<2	<1	0.87	0.015
	05/23/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	0.61	<5.5	<2.5	0.96	<2	<6	<6.5	<1	<1	<2	<1	<1	0.1
	08/30/01	<0.5	<1	0.49	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.21	<0.21	NA	<0.21	0.24	0.03
	11/27/01	<1	<1	<1	<2	<1	<1	<1	<0..56	<1	<1	<0.46	<0.2	<2	<0.19	<0.19	<0.21	<0.2	<0.2	<1	<0.2	<0.52	0.01
	02/26/02	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<0.2	<1	<0.19	<0.19	<0.21	<0.21	<0.21	<1	<0.21	<0.23	<0.005
	05/21/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<1	<0.19	<0.19	<0.21	<0.21	<0.21	<1	<0.21	<0.22	<0.005
	09/12/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<1	<0.19	<0.19	<0.21	<0.21	<0.21	<1	0.25	1.6	<0.005
	12/17/02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<1.0	<1.05	<1.05	<2.50	<1.05	0.252	<0.003
	03/12/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.3	<2.3	<5.00	<2.3	<0.211	0.004
	05/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.0	<2.0	<5.00	<2.0	<0.200	<0.003
CEF-103-SMW03	03/20/00	<2	1.4	3.7	<5	<1.5	<2	52	<13	20	<6.5	<5.5	4.6	<1.5	4.2	12	2.2	<1	<1	17	3.7	1.5	0.057
	09/28/00	<2	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	<6	<6.5	<1	<1	0.89	<1.04	0.75	0.051
	12/20/00	<2	<5.5	<3	<5	<1.5	<2	0.64	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	<6	<6.5	<1	<1	1.4	<1	0.44	<0.010
	03/27/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	0.65	<2	<6	<6.5	<1	<1	<2	<1	0.75	0.047
	05/23/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	1.3	<2	<6	<6.5	<1	<1	<2	<1	<1	0.013
	08/30/01	<0.5	<1	0.48	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.21	<0.21	NA	<0.21	<0.52	0.132
	11/28/01	<1	<1	<1	<2	<1	<1	<1	<0..56	<1	<1	<0.46	<0.2	<2	<0.19	<0.19	<0.21	<0.22	<0.22	<1	<0.22	0.95	0.122
	02/26/02	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<0.2	<1	<0.19	<0.19	<0.21	<0.22	<0.22	<1	<0.22	<0.22	0.0222
	05/21/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/12/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<1	<0.19	<0.19	<0.21	<0.22	<0.22	<1	<0.22	0.24	0.0313
	12/17/02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<1.0	<1.06	<1.06	<2.50	<1.06	<0.200	<0.003
	03/12/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.7	<2.7	<5.00	<2.7	<0.211	<0.003
	05/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.0	<2.0	<5.00	<2.0	<0.222	0.004

TABLE 3-1
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Groundwater Analytical Results
NAS Cecil Field, Jacksonville, Florida

	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,3,5-Trimethylbenzene	Chloromethane	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	n-Propylbenzene	4-Isopropyltoluene	sec-Butylbenzene	1- Methylnaphthalene	2-Methylnaphthalene	Naphthalene (by EPA Method 8021or 8260B)	Naphthalene (by EPA Method 8310 or 8270C)	Petroleum Range Org (PRO) in mg/L	Lead in mg/L
CEF-103-SMW04	03/20/00	2.8	<5.5	87	280	<1.5	<2	410	<13	130	<6.5	<5.5	43	<1.5	54	89	40	<1	<1	210	58.2	8.6	<0.01
	09/28/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/20/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/27/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/23/01	1	<5.5	<3	<5	<1.5	<2	0.69	<13	0.72	<6.5	<5.5	<2.5	1.1	<2	<6	<6.5	<1	<1	<2	<1	4.6	0.013
	08/30/01	<0.5	<1	0.47	0.71	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.21	<0.21	NA	<0.21	3.3	0.059
	11/28/01	<1	<1	<1	<2	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<2	<0.19	<0.19	<0.21	<0.2	<0.2	<1	<0.2	7.8	<0.002
	02/26/02	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<0.2	<1	<0.19	<0.19	<0.21	1.2	1.2	<1	1.2	0.64	<0.005
	05/22/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<2	<0.19	<0.19	<0.21	<0.23	<0.23	<1	<0.23	1.5	0.0035
	09/12/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<1	<0.19	<0.19	<0.21	<0.23	<0.22	<0.22	<0.22	0.64	<0.005
	12/17/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/12/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.3	<2.3	<5.00	<2.3	2.420	<0.003
	05/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.0	<2.0	<5.00	<2.0	<0.200	0.016
CEF-103-SMW05	03/20/00	<2	<5.5	<3	<5	<1.5	5.5	<6.5	<13	130	<6.5	<5.5	<2.5	<1.5	<2	<2	2.1	<1	<1	9.8	3.7	11	0.025
	09/28/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/20/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/27/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/23/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	1.1	<2	<6	<6.5	<1	<1	<2	<1	1	0.021
	08/30/01	<0.5	5.1	0.47	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.21	<0.21	NA	<0.21	0.49	0.018
	11/27/01	<1	<1	<1	<2	<1	<1	<1	<0..56	<1	<1	<0.46	<0.2	<2	<0.19	<0.19	<0.21	<0.22	<0.22	<1	<0.22	0.37	<0.002
	02/26/02	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<0.2	<1	<0.19	<0.19	<0.21	<0.21	<0.21	<1	<0.21	<0.22	<0.005
	05/21/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<1	<0.19	<0.19	<0.21	<0.21	<0.21	<1	<0.21	<0.21	<0.005
	09/12/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<1	<0.19	<0.19	<0.21	<0.22	<0.22	<1	<0.22	0.37	<0.005
	12/17/02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<1.0	<1.04	<1.04	<2.50	<1.04	<0.200	<0.003
	03/12/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.4	<2.4	<5.00	<2.4	<0.211	<0.003
	05/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.0	<2.0	<5.00	<2.0	<0.200	<0.003
CEF-103-SMW06	03/20/00	<2	<5.5	17	24	<1.5	<2	55	<13	16	<6.5	<5.5	8.7	1.6	8.9	2.2	3.4	<1	<1	22	8.9	0.66	0.033
	09/28/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/20/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/27/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/23/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	0.59	<5.5	<2.5	0.95	<2	<6	<6.5	<1	<1	<2	<1	<1	0.086
	08/30/01	<0.5	<1	0.51	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.22	<0.22	NA	<0.22	<0.51	0.248
	11/27/01	<1	<1	<1	<2	<1	<1	<1	<0..56	<1	<1	<0.46	<0.2	<2	<0.19	<0.19	<0.21	<0.21	<0.21	<1	<0.21	<0.52	0.068
	02/26/02	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<0.2	<1	<0.19	<0.19	<0.21	<0.21	<0.21	<1	<0.21	<0.21	<0.005
	05/22/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<1	<0.19	<0.19	<0.21	<0.2	0.24	<1	0.2	<0.52	0.0101
	09/13/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<1	<0.19	<0.19	<0.21	<0.22	<0.22	<1	<0.22	<0.21	<0.005
	12/17/02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<1.0	<1.04	<1.04	<2.50	<1.04	0.28	<0.003
	03/12/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.3	<2.3	<5.00	<2.3	0.265	0.003
	05/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.0	<2.0	<5.00	<2.0	<0.200	0.004

TABLE 3-1
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Groundwater Analytical Results
NAS Cecil Field, Jacksonville, Florida

	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,3,5-Trimethylbenzene	Chloromethane	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	n-Propylbenzene	4-Isopropyltoluene	sec-Butylbenzene	1- Methylnaphthalene	2-Methylnaphthalene	Naphthalene (by EPA Method 8021or 8260B)	Naphthalene (by EPA Method 8310 or 8270C)	Petroleum Range Org (PRO) in mg/L	Lead in mg/L
CEF-103-SMW07	03/20/00	<2	<5.5	<3	2.2	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	1.6	<2	<6	<6.5	<1	<1	<2	<1.0	0.72	0.013
	09/28/00	<2	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	<6	<6.5	<1	<1	0.72	<1.04	0.73	0.086
	12/20/00	<2	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	<6	<6.5	<1	<1	1.1	<1	0.67	0.17
	03/27/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	0.53	<2	<6	<6.5	<1	<1	<2	<1	1.3	0.07
	05/23/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	0.87	<5.5	<2.5	1.1	<2	<6	<6.5	<1	<1	<2	<1	<1	0.071
	08/30/01	<0.5	<1	0.44	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.21	<0.21	NA	<0.21	<0.52	0.049
	11/27/01	<1	<1	<1	<2	<1	<1	<1	<0..56	<1	<1	<0.46	<0.2	<2	<0.19	<0.19	<0.21	<0.2	<0.2	<1	<0.2	<0.5	0.025
	02/26/02	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<0.2	<1	<0.19	<0.19	<0.21	<0.21	<0.21	<1	<0.21	<0.22	0.0038
	05/22/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<2	<0.19	<0.19	<0.21	<0.21	0.31	<1	<0.21	<0.53	0.0106
	09/13/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<1	<0.19	<0.19	<0.21	<0.21	<0.21	<1	<0.21	<0.2	0.0024
	12/17/02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<1.0	<1.14	<1.14	<2.50	<1.14	<0.200	<0.003
	03/12/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.3	<2.3	<5.00	<2.3	0.293	<0.003
	05/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.0	<2.0	<5.00	<2.0	<0.200	<0.003
CEF-103-SMW08	03/20/00	<2	<5.5	<3	2.3	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	<6	<6.5	<1	<1	<2	<1.0	0.54	0.042
	09/28/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/20/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/27/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/23/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	1	<5.5	<2.5	1	<2	<6	<6.5	<1	<1	<2	<1	<1	0.16
	08/30/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/27/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/26/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/22/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<2	<0.19	<0.19	<0.21	<0.21	0.31	<1	<0.21	0.56	<.005
	09/13/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/17/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/12/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.0	<2.0	<5.00	<2.0	<0.222	<0.003

TABLE 3-1
Annual Report - 2003
Groundwater Analytical Results
NAS Cecil Field, Jacksonville, Florida

	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,3,5-Trimethylbenzene	Chloromethane	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	n-Propylbenzene	4-Isopropyltoluene	sec-Butylbenzene	1- Methylnaphthalene	2-Methylnaphthalene	Naphthalene (by EPA Method 8021or 8260B)	Naphthalene (by EPA Method 8310 or 8270C)	Petroleum Range Org (PRO) in mg/L	Lead in mg/L
CEF-103-SMW09	03/20/00	<2	<5.5	<3	1.1	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	1.2	<2	<6	<6.5	<1	<1	<2	<1.0	0.7	0.024
	09/28/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/20/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/27/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/23/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	0.78	<5.5	<2.5	1.1	<2	<6	<6.5	<1	<1	<2	<1	1	0.09
	08/30/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/27/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/26/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/22/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<2	<0.19	<0.19	<0.21	<0.21	0.34	<1	<0.21	0.28	<.005
	09/13/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/17/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/12/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.0	<2.0	<5.00	<2.0	<0.200	<0.003
CEF-103-SMW10	03/20/00	<2	<5.5	<3	2.7	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	<6	<6.5	<1	<1	<2	<1.0	0.43	0.052
	09/28/00	<2	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	<6	<6.5	<1	<1	0.63	<1.04	0.62	0.24
	12/20/00	<2	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	<6	<6.5	<1	<1	1	<1	0.39	0.34
	03/27/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	1	<2	<6	<6.5	<1	<1	<2	<1	0.66	0.05
	05/23/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	1.1	<5.5	<2.5	1.1	<2	<6	<6.5	<1	<1	<2	<1	<1	0.065
	08/30/01	<0.5	<1	0.47	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.21	<0.21	NA	<0.21	<0.52	0.016
	11/27/01	<1	<1	<1	<2	<1	<1	<1	<0..56	<1	<1	<0.46	<0.2	<2	<0.19	<0.19	<0.21	<0.2	<0.2	<1	<0.2	<0.51	<0.002
	02/26/02	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<0.2	<1	<0.19	<0.19	<0.21	<0.2	<0.2	<1	<0.2	<0.21	<0.005
	05/22/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<2	<0.19	<0.19	<0.21	<0.2	<0.2	<1	<0.2	<0.52	0.0047
	09/13/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<1	<0.19	<0.19	<0.21	<0.21	0.23	<1	<0.21	<0.22	<0.005
	12/17/02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<1.0	<1.06	<1.06	<2.50	<1.06	<0.200	<0.003
	03/12/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.2	<2.2	<5.00	<2.2	<0.211	<0.003
	05/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.0	<2.0	<5.00	<2.0	<0.200	<0.003

TABLE 3-1
Annual Report - 2003
Groundwater Analytical Results
NAS Cecil Field, Jacksonville, Florida

	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,3,5-Trimethylbenzene	Chloromethane	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	n-Propylbenzene	4-Isopropyltoluene	sec-Butylbenzene	1- Methylnaphthalene	2-Methylnaphthalene	Naphthalene (by EPA Method 8021or 8260B)	Naphthalene (by EPA Method 8310 or 8270C)	Petroleum Range Org (PRO) in mg/L	Lead in mg/L
CEF-103-SMW11	03/20/00	1.9	3.8	51	220	<1.5	<2	250	<13	52	<6.5	<5.5	26	<1.5	28	24	17	<1	<1	96	20.6	3.6	0.054
	09/28/00	1.9	<5.5	2.9	12	<1.5	<2	12	<13	4.1	<6.5	<5.5	1.2	<1.5	1.2	<6	1.2	<1	<1	3.7	2.2	7.8	0.051
	12/20/00	<2	<5.5	20	10	1.23	0.78	87	<13	22	<6.5	<5.5	8	<1.5	8.3	9.6	5.9	6	5	31	11	15	0.14
	03/27/01	<1	<5.5	10	14	<1.5	<2	46	<13	11	<6.5	<5.5	5.6	<1.5	5.4	4.1	5.4	3.16	2.17	17	2.74	20	0.032
	05/23/01	1	<5.5	23	29	<1.5	<2	61	<13	14	<6.5	<5.5	11	1	11	4.2	5.8	10.9	7.88	37	18.4	6.4	0.037
	08/30/01	<0.5	<1.0	10	17.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.2	0.74	NA	3.6	20	<0.03
	10/10/01	0.32	<40	36	50.5	<70	<70	100	0.56	21	<2.7	<0.39	15	<5	16	5	6	NA	NA	76	NA	NA	NA
	11/27/01	0.42	0.19	44	36	<1	<1	123	<0.56	13	<1	<0.46	18	<2	18	8.3	9.4	12	10	83	19	20	<0.01
	02/26/02	0.32	0.28	39	36.5	<1	<1	78.9	<1	8.4	<1	<1	18.4	<1	17.7	7.9	8.7	19.2	11.9	64.6	20.7	6.2	<0.005
	05/22/02	<1	<1	3.2	0.59	<1	<1	0.6	0.56	0.7	<1	<0.46	2.3	<2	1.6	0.46	1.6	1.1	1.1	5.4	2.3	1.5	<0.005
	09/12/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<1	<0.19	<0.19	<0.21	<0.21	<0.21	<1	<0.21	1.7	0.0351
	12/17/02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<1.0	<1.09	<1.09	<2.50	<1.09	4.98	0.016
	03/12/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.2	<2.2	<5.00	<2.2	0.661	<0.003
	05/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.0	<2.0	<5.00	<4.0	<0.200	0.009
CEF-103-SMW12	03/20/00	<2	<5.5	<3	2.3	<1.5	<2	4	<13	1.4	<6.5	<5.5	<2.5	3.7	<2	<6	<6.5	<1	<1	6.3	<1.0	0.7	0.074
	09/28/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<1	<1	NS	NS	NS	NS
	12/20/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<1	<1	NS	NS	NS	NS
	03/27/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/23/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	0.51	<5.5	<2.5	1.2	<2	<6	<6.5	<1	<1	1.1	<1	1.1	0.031
	08/30/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/27/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/26/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/21/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<1	<0.19	<0.19	<0.21	<0.21	0.23	<1	<0.21	<0.21	0.0119
	09/13/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/17/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	4.98	0.016
	03/12/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.0	<2.0	<5.00	<2.0	<0.200	<0.003

TABLE 3-1
Annual Report - 2003
Groundwater Analytical Results
NAS Cecil Field, Jacksonville, Florida

	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,3,5-Trimethylbenzene	Chloromethane	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	n-Propylbenzene	4-Isopropyltoluene	sec-Butylbenzene	1- Methylnaphthalene	2-Methylnaphthalene	Naphthalene (by EPA Method 8021or 8260B)	Naphthalene (by EPA Method 8310 or 8270C)	Petroleum Range Org (PRO) in mg/L	Lead in mg/L
CEF-103-DMW01	03/20/00	<2	<5.5	<3	1.8	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	<6	<6.5	<1	<1	<2	<1.0	0.48	<0.01
	09/28/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/20/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/27/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/23/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	1.3	<5.5	<2.5	1.1	<2	<6	<6.5	<1	<1	<2	<1	<1	<.01
	08/30/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/27/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/26/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/21/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<1	<0.19	<0.19	<0.21	<0.21	<0.21	<1	<0.21	<0.21	<.005
	09/13/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/17/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/12/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.0	<2.0	<5.00	<2.0	<0.200	0.005
GCTL		**1**	**40**	**30**	**20**	**70**	**70**	**10**	**0.2**	**10**	**2.7**	**0.5**	**0.8**	**5**	**---**	**---**	**---**	**20**	**20**	**20**	**20**	**5**	**0.015**
NADSC		**100**	**400**	**300**	**200**	**700**	**700**	**100**	**20**	**100**	**270**	**50**	**8**	**500**	**---**	**---**	**---**	**200**	**200**	**200**	**200**	**50**	**0.15**

NOTES:
1. **All results in ug/L, except FL PRO and lead, which are in mg/L**
2. **NA = Not Analyzed**
3. **NS = Not Sampled**
4. **GCTL=Groundwater Cleanup Target Levels**
5. **NADSC = Natural Attenuation Default Source Concentrations**
6. **Shade = Concentration is above groundwater cleanup target levels (GCTLs)**
7. **Napthalene was analyzed by method 8260B for 12/17/02 sample.**
8. **p-Isopropyltoluene is 4-Isopropyltoluene in the analytical report**

Table 3-2

ANNUAL REPORT - 2003

MONITORING WELL FIELD MEASUREMENTS

103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE

NAS CECIL FIELD, JACKSONVILLE, FLORIDA

Well Identification	Date/Time	pH	Conductivity (mS/cm)	Dissolved O_2 (mg/l)	Temperature (°C)
CEF-103-SMW-01	03/20/00	6.29	0.915	9.33	23.3
	09/28/00	6.87	0.712	2.25	26.4
	12/20/00	6.50	0.520	1.8	21.6
	03/27/01	7.10	0.730	0.7	20
	05/23/01	5.70	0.485	3.07	22.5
	08/30/01	8.81	0.654	NR	26.8
	11/27/01	8.68	0.535	1.42	24.3
	02/26/02	7.63	0.553	1.61	20.2
	05/21/02	6.77	0.633	1.72	24.4
	09/12/02	6.51	0.655	1.59	27.4
	12/17/02	7.10	NR	0.32	22.28
	03/12/03	-	-	-	0
	5/13/03	7.97	0.645	0.38	24.70
CEF-103-SMW-02	03/20/00	6.09	0.945	8.81	22.4
	09/28/00	6.46	0.934	2.07	27.3
	12/20/00	6.61	0.720	2.1	22.4
	03/27/01	7.20	0.670	2.5	20
	05/23/01	6.24	0.599	3.66	21.7
	08/30/01	7.31	0.761	NR	27.1
	11/27/01	8.89	0.052	3.15	24.4
	02/26/02	7.78	0.588	1.08	20.8
	05/21/02	6.54	0.621	1.28	24.4
	09/12/02	6.37	0.641	1.43	28
	12/17/02	6.50	NR	0.32	22.28
	3/12/03	5.20	0.491	5.62	19.83
	5/13/03	6.86	0.55	0.00	23.83
CEF-103-SMW-03	03/20/00	6.40	0.806	9.4	22.6
	09/28/00	5.92	0.665	5.74	26.5
	12/20/00	4.30	0.667	4.42	22.3
	03/27/01	7.10	0.740	6.3	21
	05/23/01	5.60	0.652	5.8	23
	08/30/01	9.54	0.500	NR	26.5
	11/27/01	NR	NR	NR	NR
	02/26/02	8.61	0.371	5.81	20.3
	05/21/02	NR	NR	NR	NR
	09/12/02	NR	NR	NR	NR
	12/16/02	7.05	NR	0.43	22.82
	03/12/03	-	-	-	-
	05/13/03	8.21	0.615	0.69	24.03

Table 3-2

ANNUAL REPORT - 2003

MONITORING WELL FIELD MEASUREMENTS

103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE

NAS CECIL FIELD, JACKSONVILLE, FLORIDA

Well Identification	Date/Time	pH	Conductivity (mS/cm)	Dissolved O_2 (mg/l)	Temperature (°C)
CEF-103-SMW-04	03/20/00	6.27	0.758	9.19	23.2
	09/28/00	NR	NR	NR	NR
	12/20/00	NR	NR	NR	NR
	03/27/01	NR	NR	NR	NR
	05/23/01	6.49	0.653	3.59	24.8
	08/30/01	10.65	0.611	NR	27.6
	11/27/01	9.10	0.275	5.17	26.2
	02/26/02	8.31	0.330	6.16	21.8
	05/21/02	6.81	0.507	3.76	24.1
	09/12/02	7.63	0.391	4.62	29.1
	12/17/02	NR	NR	NR	NR
	03/12/03	5.46	0.535	2.64	21.29
	5/13/03	6.79	0.469	5.26	25.12
CEF-103-SMW-05	03/20/00	6.57	1.120	8.93	23.1
	09/28/00	NR	NR	NR	NR
	12/20/00	NR	NR	NR	NR
	03/27/01	NR	NR	NR	NR
	05/23/01	6.86	0.610	2.67	23.8
	08/30/01	9.85	0.581	NR	27.4
	11/27/01	9.71	0.430	4.56	24.8
	02/26/02	8.69	0.459	4.1	20.7
	05/21/02	7.59	0.531	5.4	25.8
	09/12/02	7.58	0.459	4.67	28.6
	12/16/02	7.170	NR	0.440	22.900
	03/12/03	6.090	0.529	1.220	20.590
	5/13/03	8.50	0.619	0.72	24.56
CEF-103-SMW-06	03/20/00	5.95	0.750	9.25	20.5
	09/28/00	NR	NR	NR	NR
	12/20/00	NR	NR	NR	NR
	03/27/01	NR	NR	NR	NR
	05/23/01	3.06	1.620	2.61	21.5
	08/30/01	2.47	0.868	NR	26.1
	11/27/01	3.68	2.290	2.77	23.3
	02/26/02	3.69	0.819	2.82	19.8
	05/21/02	3.27	2.360	2.76	23.3
	09/12/02	3.83	0.780	2.46	26.3
	12/17/02	3.16	NR	0.00	20.47
	03/12/03	3.69	2.180	1.40	19.50
	5/13/03	5.67	2.720	0.11	22.65

Table 3-2

ANNUAL REPORT - 2003

MONITORING WELL FIELD MEASUREMENTS

103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE

NAS CECIL FIELD, JACKSONVILLE, FLORIDA

Well Identification	Date/Time	pH	Conductivity (mS/cm)	Dissolved O_2 (mg/l)	Temperature (°C)
CEF-103-SMW-07	03/20/00	5.78	0.940	9.63	20.9
	09/28/00	6.88	0.194	3.67	26.2
	12/20/00	6.30	0.210	3.2	20.6
	03/27/01	7.10	0.260	4.2	19
	05/23/01	5.95	0.249	4.73	21.5
	08/30/01	8.10	0.195	NR	26.1
	11/27/01	7.51	0.156	6.64	23.4
	02/26/02	7.44	0.169	3.67	19.5
	05/21/02	6.51	0.250	2.93	23.4
	09/12/02	6.16	0.245	1.47	26.5
	12/16/02	6.15	NR	0.21	20.57
	03/12/03	6.31	0.525	1.08	19.11
	5/13/03	9.92	0.568	0.06	23.30
CEF-103-SMW-08	03/20/00	6.23	0.662	9.84	21.8
	09/28/00	NR	NR	NR	NR
	12/20/00	NR	NR	NR	NR
	03/27/01	NR	NR	NR	NR
	05/23/01	5.98	0.310	0.23	21.3
	08/30/01	NR	NR	NR	NR
	11/27/01	NR	NR	NR	NR
	02/26/02	NR	NR	NR	NR
	05/21/02	6.35	0.367	1.8	24.1
	09/12/02	NR	NR	NR	NR
	12/17/02	NR	NR	NR	NR
	03/12/03	NR	NR	NR	NR
	05/13/03	11.340	0.454	0.340	23.500
CEF-103-SMW-09	03/20/00	5.72	0.823	8.99	21.3
	09/28/00	NR	NR	NR	NR
	12/20/00	NR	NR	NR	NR
	03/27/01	NR	NR	NR	NR
	05/23/01	5.50	0.339	1.89	21.8
	08/30/01	NR	NR	NR	NR
	11/27/01	NR	NR	NR	NR
	02/26/02	NR	NR	NR	NR
	05/21/02	5.82	0.391	1.2	23.7
	09/12/02	NR	NR	NR	NR
	12/17/02	NR	NR	NR	NR
	03/12/03	NR	NR	NR	NR
	05/13/03	12.190	0.435	0.400	23.280

Table 3-2

ANNUAL REPORT - 2003

MONITORING WELL FIELD MEASUREMENTS

103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE

NAS CECIL FIELD, JACKSONVILLE, FLORIDA

Well Identification	Date/Time	pH	Conductivity (mS/cm)	Dissolved O_2 (mg/l)	Temperature (°C)
CEF-103-SMW-10	03/20/00	5.43	0.197	9.4	20.7
	09/28/00	5.25	0.350	0.9	25
	12/20/00	4.32	0.380	2.5	19.3
	03/27/01	7.00	0.180	2.5	18
	05/23/01	4.05	0.514	4.63	20.6
	08/30/01	4.94	0.641	NR	24.8
	11/27/01	6.93	0.382	2.92	22.8
	02/26/02	4.66	0.303	1.07	18.5
	05/21/02	4.55	0.709	0.84	22.4
	09/12/02	5.38	0.261	1.93	26
	12/17/02	5.25	NR	0.17	18.05
	03/12/03	5.45	0.85	0.82	18.59
	5/13/03	9.37	0.849	0.09	22.49
CEF-103-SMW-11	03/20/00	6.33	0.960	9.61	22.6
	09/28/00	6.82	0.816	2	27.3
	12/20/00	6.89	1.070	0.11	22.1
	03/27/01	7.20	1.300	2.2	21
	05/23/01	6.45	0.696	1.63	24.1
	08/30/01	11.41	1.150	NR	27.6
	11/27/01	8.83	0.729	0.66	24.9
	02/26/02	7.83	0.642	0.71	20.9
	05/21/02	6.81	0.537	2.1	23.8
	09/12/02	7.28	0.416	4.91	29.1
	12/17/02	7.17	NR	3.40	24.28
	03/12/03	5.17	0.49	3.57	20.84
	5/13/03	*	*	*	*
CEF-103-SMW-12	03/20/00	5.72	0.615	9	22.6
	09/28/00	NR	NR	NR	NR
	12/20/00	NR	NR	NR	NR
	03/27/01	NR	NR	NR	NR
	05/23/01	5.71	0.464	4.39	22.3
	08/30/01	NR	NR	NR	NR
	11/27/01	NR	NR	NR	NR
	02/26/02	NR	NR	NR	NR
	05/21/02	6.58	0.569	2.89	24.8
	09/12/02	NR	NR	NR	NR
	12/17/02	NR	NR	NR	NR
	03/12/03	NR	NR	NR	NR
	5/13/03	8.150	0.614	0.240	24.050

NR = No Reading Taken

* Well was purged dry at 1.75 gallons; allowed to recharge prior to sampling.

- : Data for these wells was lost prior to backup due to handheld computer problems.

4.0 Conclusions and Recommendations

All VOC and SVOC compounds for which analysis was performed during the 2003 annual sampling event were below detection limits. This demonstrates that the contaminant concentrations in all sampled wells have decreased significantly from the baseline-sampling event conducted in March of 2000. LNAPL was not noted in any monitoring wells during the monitoring period.

Due to substantial reduction of contaminant concentrations at the site, the FDEP issued a Post Active Remediation Monitoring Plan Approval Order on April 23, 2003. In accordance with the order, the AS System should be deactivated and post-active remediation monitoring should be conducted for a period of one year, with sampling of the following monitoring wells on a quarterly basis for VOCs, SVOCs, PRO and lead: CEF-103-SMW03, CEF-103-SMW04, CEF-103-SMW05, CEF-103-SMW06, CEF-103-SMW07, CEF-103-SMW08, CEF-103-SMW09, and CEF-103-SMW11.

5.0 References

Tetra Tech NUS, Inc. August 1999. Remedial Action Plan, "A" Avenue Jet Fuel Transfer Pipeline and 103rd Street, Naval Air Station Cecil Field, Jacksonville, Florida.

CH2M HILL Constructors, Inc. February 2000. Work Plan Addendum No. 01 103rd Street and "A" Avenue Jet Fuel Transfer Pipeline Air Sparge and Soil Vapor Extraction System Installation, Naval Air Station Cecil Field, Jacksonville, Florida.

Appendix A

FDEP Annual Status Report Summary

DEP Form # 62-785.900(5)
Form Title: Active Remediation Status Report Summary
Effective Date: July 6, 1998

Active Remediation Status Report Summary

(Use additional blank sheets if necessary to explain status of site.)

Site Name 103rd Street Site **DEP Site ID No.** _____
Location Naval Air Station Cecil Field, Jacksonville, FL **Applicable Dates** 07/01/02 **to** 06/30/03
RAP Approval Date ___/___/___ **System Startup Date** 05/23/00
Media Contaminated: **X-Groundwater** Surface Water **X-Sediment** Soil Air
Estimated Total Mass Recovered or Remediated This Period _____ **(lbs)**

Method of Groundwater Remediation:

Amount of Mass Removed _____ (gals)

Pump-and-Treat:
- Design Flow Rate _____ (gpm)
- Actual Flow Rate _____ (gpm)
- Total Vol. Recovered to Date _____ (1000 gal)

In Situ Air Sparging:
- Design Air Flow Rate 10-12 (cfm)
- Actual Air Flow Rate N/A (cfm)
- Estimated Radius of Influence 30 (ft)

Biosparging
- Design Flow Rate _____ (gpm)
- Actual Flow Rate _____ (gpm)

Bioremediation

Other _____

Free Product Present: Yes **X-No**
- Volume Recovered to Date _____(gal)

Concentration of Total VOAs in Designated Wells:

	This Period	Previous period
MW-04	0 ppb	0 ppb
MW-05	0 ppb	0 ppb
MW-06	0 ppb	0 ppb
MW-11	0 ppb	16.35 ppb

Method of Soil Remediation:

Vapor Extraction System (VES):
- Design Air Flow Rate 16 - 17 (cfm)
- Actual Air Flow Rate system deactivated (cfm)
- Estimated Radius of Influence N/A (ft)
- Air Emissions Treatment
  X-Discontinued / date 02/08 /01 Ongoing

Soil Bioventing
- Design Air Flow Rate _____(cfm)
- Actual Air Flow Rate ____ (cfm)

In Situ Bioremediation

Other _____

Amount of Mass Removed _____ ($yds^{3)}$

Estimated Time of Cleanup:

- Estimated time of cleanup based on target level concentration C and on the exponential decay equation, $C_1 = C_0 e^{xt_1}$, where C_1 = present concentration at the most contaminated source well (ppb); C_0 = highest initial concentration of applicable chemical of concern at system startup (ppb); x = decay coefficient; and t_1 = length of time between initial and present concentration (days). A semi-log plot for cleanup times should be provided.
- Solve for decay coefficient, x:

[ln(_____(ppb) / _____(ppb))] / (_____(days)) = _____
present concentration, C_1 initial concentration, C_0 time, t_1 decay coefficient, x

- Using this decay coefficient (x), solve for estimated time of cleanup (t):

[ln(_____(ppb) / _____(ppb))] / (_____) = _____(days)
target concentration, C present concentration, C_1 decay coefficient, x estimated time of cleanup, t

Calculated Cleanup Time Compared to Cleanup Time Predicted in RAP: _____

O & M Problems: Yes No (if yes, provide explanation below)
- No. of scheduled O & M visits _____
- Down-time _____ (days)
- No. of unscheduled O & M visits _____

Short Description of Effectiveness of Cleanup: COC concentrations have decreased below GCTLs in all wells.

Recommendations and Proposed Modifications: The system should be deactivated and natural attenuation monitoring should be conducted.

Appendix B

Laboratory Analytical Reports for Groundwater Samples

TEST AMERICA ANALYTICAL TESTING CORP.-NASHVILLE

COOLER RECEIPT FORM

BC# 332051

Client: Terraine, Inc.

Cooler Received On: 5/15/03 And Opened On: 5/15/03 By: Shawn Gracey

(Signature)

1. Temperature of Cooler when opened 0.5 Degrees Celsius
2. Were custody seals on outside of cooler?.....YES...NO...NA
   a. If yes, how many, what kind and where: 1 (Front/Back/Side)
3. Were custody seals on containers and intact?.....NO...YES...NA
4. Were the seals intact, signed, and dated correctly?.....YES...NO...NA
5. Were custody papers inside cooler?.....YES...NO...NA
6. Were custody papers properly filled out (ink,signed,etc)?.....YES...NO...NA
7. Did you sign the custody papers in the appropriate place?.....YES...NO...NA
8. What kind of packing material used? Bubblewrap Peanuts Vermiculite Other None
9. Was sufficient ice used (if appropriate)?.....YES...NO...NA
10. Did all bottles arrive in good condition(unbroken)?.....YES...NO...NA
11. Were all bottle labels complete (#,date,signed,pres,etc)?.....YES...NO...NA
12. Did all bottle labels and tags agree with custody papers?.....YES...NO...NA
13. Were correct bottles used for the analysis requested?.....YES...NO...NA
14. a. Were VOA vials received?.....YES...NO...NA
    b. Was there any observable head space present in any VOA vial?.....NO...YES...NA
15. Was sufficient amount of sample sent in each bottle?.....YES...NO...NA
16. Were correct preservatives used?.....YES...NO...NA
    If not, record standard ID of preservative used here_____
17. Was residual chlorine present?.....NO...YES...NA
18. See attached for resolution of non-conformance:

Fed-Ex UPS Velocity Airborne Route Off-street Misc.

332051

TestAmerica, Inc.

2960 Foster Creighton Dr.
Nashville, TN 37204
Tel. No. 800-765-0980
Fax No. 615-726-0954

Terraine, Inc. - Chain Of Custody Record

ACCOUNT INFORMATION		TERRAINE PROJECT NO.
TAI ACCOUNT NO: 9463	NAME OF PM TO BILL: James L. Young	0 4 - 4 1 0 0 1
TAI QUOTE NO: 09230210902	PURCHASE ORDER NO: 04-41001/4.4.2	TERRAINE TASK NO.
		[redacted] 4.4.2

DATE: 5/14/03
PAGE: 1 of 2

CONSULTANT COMPANY: TERRAINE, INC.
BILLING ADDRESS: 7380 Phillips Highway, Suite 106
CITY: Jacksonville, Florida 32256
TELEPHONE: 904-296-6001 | FAX: 305-513-4902 (main) | E-MAIL: jly@terraine.com

QC DELIVERABLES
- [x] STANDARD
- [ ] LEVEL 2
- -------- BATCH QC --------
- [ ] LEVEL 3
- [ ] LEVEL 4

SITE DESCRIPTION: 103rd Street & "A" Avenue
SITE ADDRESS (STREET, CITY, STATE): NAS Cecil Field, Jacksonville, Florida
PROJECT CONTACT (Report to): James L. Young | PROJECT CONTACT CELL PHONE: 305-490-7702 | PROJECT CONTACT E-MAIL: jly@terraine.com
FACILITY ID NO:
CONTRACT NO / CONTRACT TASK ORDER NO (for Federal Projects): N62467-02-G-0352 / CTO#0001
SAMPLER NAME(S) (Print): J. Young / K. Baer
SAMPLER NAME(S) (Signatures): [signature]
LAB USE ONLY

TURNAROUND TIME (BUSINESS DAYS): [x] STD [ ] 10 DAYS [ ] 5 DAYS [ ] 3 DAYS [ ] <24 HRS
ELECTRONIC DELIVERABLES: [x] FAX RESULTS [x] E-MAIL PDF [x] ELEC. DATA

TEMPERATURE ON RECEIPT (°C)

SPECIAL INSTRUCTIONS OR NOTES :

REQUESTED ANALYSIS (if more than one method is listed, circle one)

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX (AIR, GW, SOIL, SLUDGE, WW, ETC)	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - Purgeable (8015) GRO	TPH - Extractable (8015) DRO	BTEX / MTBE (8021B, 602, 8260/624)	BTEX / MTBE + Oxygenates (8260B)	VOCs (8260B)	VOCs Aromatic (8021B)	VOCs Halogenated (8021B)	PAH (8270)	Metals (Specify)	TRPH (FL-PRO)	Vapor VOCs BTEX, MTBE/GRO (EPA-1B, TO-1B)	Vapor VOCs Full List (EPA-1B, TO-1B)	Pre burn (8021, Halogenated, FL-Pro, As, Cd, Cr, Pb)	8 RCRA Metals	Lead (6010B)						Container PID Readings or Laboratory Notes/Remarks
	CEF-103-SMW01	5/13/03	09:51	GW	5	1		2		8					X			X		X					X						75234
	CEF-103-SMW02	5/14/03	10:48	GW	5	1		2		8					X			X		X					X						5
	CEF-103-SMW03	5/13/03	11:56	GW	5	1		2		8					X			X		X					X						6
	CEF-103-SMW04	5/14/03	9:35	GW	5	1		2		8					X			X		X					X						7
	CEF-103-SMW05	5/13/03	13:16	GW	5	1		2		8					X			X		X					X						8
	CEF-103-SMW06	5/13/03	15:23	GW	5	1		2		8					X			X		X					X						9
	CEF-103-SMW07	5/13/03	14:08	GW	5	1		2		8					X			X		X					X						40
	CEF-103-SMW08	5/13/03	19:06	GW	5	1		2		8					X			X		X					X						41
	CEF-103-SMW09	5/13/03	18:05	GW	5	1		2		8					X			X		X					X						42
	CEF-103-SMW10	5/13/03	17:04	GW	5	1		2		8					X			X		X					X						75743

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]		5/14/03	
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature) [signature]	Date: 5/15/03	Time: 0800

05/1/01 Revision

332051

TestAmerica, Inc.

2960 Foster Creighton Dr.
Nashville, TN 37204
Tel. No. 800-765-0980
Fax No. 615-726-0954

Terraine, Inc. - Chain Of Custody Record

ACCOUNT INFORMATION		TERRAINE PROJECT NO.	
TAI ACCOUNT NO: 9463	NAME OF PM TO BILL: James L. Young	0 4 - 4 1 0 0 1	DATE: 5/14/03
TAI QUOTE NO: 09230210902	PURCHASE ORDER NO: 04-41001/4.4.2	TERRAINE TASK NO.	PAGE: 2 of 2
		[redacted] 4.4.2	

CONSULTANT COMPANY: TERRAINE, INC.
BILLING ADDRESS: 7380 Phillips Highway, Suite 106
CITY: Jacksonville, Florida 32256
TELEPHONE: 904-296-6001 | FAX: 305-513-4902 (main) | E-MAIL: jly@terraine.com

QC DELIVERABLES
- [x] STANDARD
- [ ] LEVEL 2
- -------- BATCH QC --------
- [ ] LEVEL 3
- [ ] LEVEL 4

SITE DESCRIPTION: 103rd Street & "A" Avenue
SITE ADDRESS (STREET, CITY, STATE): NAS Cecil Field, Jacksonville, Florida
PROJECT CONTACT (Report to): James L. Young
PROJECT CONTACT CELL PHONE: 305-490-7702
PROJECT CONTACT E-MAIL: jly@terraine.com
FACILITY ID NO.:
CONTRACT NO. / CONTRACT TASK ORDER NO (for Federal Projects): N62467-02-G-0352 / CTO#0001
SAMPLER NAME(S) (Print): J. Young / K. Baer
SAMPLER NAME(S) (Signatures): [signature]
LAB USE ONLY

TURNAROUND TIME (BUSINESS DAYS): [x] STD [ ] 10 DAYS [ ] 5 DAYS [ ] 3 DAYS [ ] <24 HRS
ELECTRONIC DELIVERABLES: [x] FAX RESULTS [x] E-MAIL PDF [x] ELEC. DATA

TEMPERATURE ON RECEIPT (°C)

SPECIAL INSTRUCTIONS OR NOTES :

REQUESTED ANALYSIS (if more than one method is listed, circle one)

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX (AIR, GW, SOIL, SLUDGE, WW, ETC)	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - Purgeable (8015) GRO	TPH - Extractable (8015) DRO	BTEX / MTBE (8021B, 602, 8260/624)	BTEX / MTBE + Oxygenates (8260B)	VOCs (8260B)	VOCs Aromatic (8021B)	VOCs Halogenated (8021B)	PAH (8270)	Metals (Specify)	TRPH (FL-PRO)	Vapor VOCs BTEX, MTBE/GRO (EPA-18, TO-18)	Vapor VOCs Full List (EPA-18, TO-18)	Pre burn (8021, Halogenated, FL-Pro, As, Cd, Cr, Pb)	8 RCRA Metals	Lead (6010B)						Container PID Readings or Laboratory Notes/Remarks
	CEF-103-SMW11	5/14/03	11:45	GW	5	1		2		8					X			X		X					X						75744
	CEF-103-SMW-12	5/13/03	11:05	GW	5	1		2		8					X			X		X					X						45
	CEF-103-DMW-01	5/14/03	8:52	GW	5	1		2		8					X			X		X					X						46
	EB-103rd Street	5/13/03	16:30	GW	5	1		2		8					X			X		X					X						47
	Trip Blank			GW	1					1					X																75748

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]			
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	[signature]	5/15/03	0800

05/1/01 Revision

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

6/ 3/03

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project identified below:

Project Name:
Project Number: 04-41001.
Laboratory Project Number: 332051.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980.

Sample Identification	Lab Number	Collection Date
CEF-103-SMW01	03-A75734	5/13/03
CEF-103-SMW02	03-A75735	5/14/03
CEF-103-SMW03	03-A75736	5/13/03
CEF-103-SMW04	03-A75737	5/14/03
CEF-103-SMW05	03-A75738	5/13/03
CEF-103-SMW06	03-A75739	5/13/03
CEF-103-SMW07	03-A75740	5/13/03
CEF-103-SMW08	03-A75741	5/13/03
CEF-103-SMW09	03-A75742	5/13/03
CEF-103-SMW10	03-A75743	5/13/03
CEF-103-SMW11	03-A75744	5/14/03
CEF-103-SMW12	03-A75745	5/13/03
CEF-103-DMW-01	03-A75746	5/14/03
EB-103RD STREET	03-A75747	5/13/03
TRIP BLANK	03-A75748	

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

Sample Identification	Lab Number	Collection Date

These results relate only to the items tested.
This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By: _____ Report Date: 6/ 3/03

Paul E. Lane, Jr., Lab Director
Michael H. Dunn, M.S., Technical Director
Johnny A. Mitchell, Dir. Technical Serv.
Eric S. Smith, Assistant Technical Director
Roxanne L. Connor, Technical Services
Gail A. Lage, Technical Serv.
Glenn L. Norton, Technical Serv.
Kelly S. Comstock, Technical Serv.
Pamela A. Langford, Technical Serv.

Laboratory Certification Number: E87358

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

Lab Number: 03-A75734
Sample ID: CEF-103-SMW01
Sample Type: Water
Site ID:

Project: 04-41001
Project Name:
Sampler: J. YOUNG/K. BAER

Date Collected: 5/13/03
Time Collected: 9:51
Date Received: 5/15/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TRPH	ND	ug/L	200.	1.0	5/22/03	20:06	M.Jarrett	FPRO	8980
Naphthalene	ND	ug/L	2.0	1.0	5/22/03	19:18	M.Schott	8270C	7625
Acenaphthene	ND	ug/L	2.0	1.0	5/22/03	19:18	M.Schott	8270C	7625
Anthracene	ND	ug/L	2.0	1.0	5/22/03	19:18	M.Schott	8270C	7625
Fluoranthene	ND	ug/L	2.0	1.0	5/22/03	19:18	M.Schott	8270C	7625
Fluorene	ND	ug/L	2.0	1.0	5/22/03	19:18	M.Schott	8270C	7625
Pyrene	ND	ug/L	2.0	1.0	5/22/03	19:18	M.Schott	8270C	7625
Benzo(a)anthracene	ND	ug/L	2.0	1.0	5/22/03	19:18	M.Schott	8270C	7625
Benzo(a)pyrene	ND	ug/L	2.0	1.0	5/22/03	19:18	M.Schott	8270C	7625
Benzo(b)fluoranthene	ND	ug/L	2.0	1.0	5/22/03	19:18	M.Schott	8270C	7625
Benzo(k)fluoranthene	ND	ug/L	2.0	1.0	5/22/03	19:18	M.Schott	8270C	7625
Chrysene	ND	ug/L	2.0	1.0	5/22/03	19:18	M.Schott	8270C	7625
Dibenzo(a,h)anthracene	ND	ug/L	2.0	1.0	5/22/03	19:18	M.Schott	8270C	7625
Indeno(1,2,3-cd)pyrene	ND	ug/L	2.0	1.0	5/22/03	19:18	M.Schott	8270C	7625
Acenaphthylene	ND	ug/L	2.0	1.0	5/22/03	19:18	M.Schott	8270C	7625
Benzo(g,h,i)perylene	ND	ug/L	2.0	1.0	5/22/03	19:18	M.Schott	8270C	7625
Phenanthrene	ND	ug/L	2.0	1.0	5/22/03	19:18	M.Schott	8270C	7625
1-Methylnapthalene	ND	ug/L	2.0	1.0	5/22/03	19:18	M.Schott	8270C	7625
2-Methylnapthalene	ND	ug/L	2.0	1.0	5/22/03	19:18	M.Schott	8270C	7625
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	5/16/03	16:29	J.Haley	8260B	6267
Toluene	ND	ug/L	1.0	1.0	5/16/03	16:29	J.Haley	8260B	6267
Ethylbenzene	ND	ug/L	1.0	1.0	5/16/03	16:29	J.Haley	8260B	6267
Xylenes (Total)	ND	ug/L	1.0	1.0	5/16/03	16:29	J.Haley	8260B	6267
1,2-Dibromoethane	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75734
Sample ID: CEF-103-SMW01
Project: 04-41001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Naphthalene	ND	ug/L	5.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
Acetone	ND	ug/L	25.0	1.0	5/16/03	16:29	J.Haley	8260B	6267
Bromobenzene	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
Bromochloromethane	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
Bromoform	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
Bromomethane	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
2-Butanone	ND	ug/L	25.0	1.0	5/16/03	16:29	J.Haley	8260B	6267
n-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
sec-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
t-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
Carbon disulfide	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
Carbon tetrachloride	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
Chlorobenzene	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
Chloroethane	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
Chloroform	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
Chloromethane	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
2-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
4-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
Dibromochloromethane	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
Dibromomethane	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
1,1-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
1,2-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
1,1-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
1,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
1,3-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
2,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
1,1-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75734
Sample ID: CEF-103-SMW01
Project: 04-41001
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Hexachlorobutadiene	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
2-Hexanone	ND	ug/L	5.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
Isopropylbenzene	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
4-Isopropyltoluene	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
Methylene chloride	ND	ug/L	2.50	1.0	5/16/03	16:29	J.Haley	8260B	6267
n-Propylbenzene	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
Styrene	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
Tetrachloroethene	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
Trichloroethene	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	5/16/03	16:29	J.Haley	8260B	6267
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
Vinyl chloride	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
Bromodichloromethane	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
Trichlorofluoromethane	ND	ug/L	1.00	1.0	5/16/03	16:29	J.Haley	8260B	6267
METALS									
Lead	ND	ug/L	3.0	1.0	5/13/03	11:37	C.Johnson	6010B	5491

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	930. ml	1.0 ml	5/20/03		M. Ricke	3510/625
Fla Pro	1000 ml	2.0 ml	5/20/03		M. Ricke	FDEP

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75734
Sample ID: CEF-103-SMW01
Project: 04-41001
Page 4

Surrogate	% Recovery	Target Range
TPH Surr., O-Terphenyl	93.	82. - 142.
TPH Surr, C-35	58.	55. - 118.
VOA Surr 1,2-DCA-d4	108.	73. - 133.
VOA Surr Toluene-d8	112.	80. - 121.
VOA Surr, 4-BFB	109.	80. - 128.
VOA Surr, DBFM	91.	81. - 121.
BNA Surr-Nitrobenzene-d5	67.	40. - 127.
BNA Surr-2-Fluorobiphenyl	67.	42. - 113.
BNA Surr-Terphenyl-d14	32. #	41. - 129.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
Sample repreppped outside of holding time for PAH analysis, due to low surrogate recovery. Surrogates were within limits on the re-extraction and all PAH results were confirmed.

End of Sample Report.

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ANALYTICAL REPORT

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

Project: 04-41001
Project Name:
Sampler: J. YOUNG/K. BAER

Lab Number: 03-A75735
Sample ID: CEF-103-SMW02
Sample Type: Water
Site ID:

Date Collected: 5/14/03
Time Collected: 10:48
Date Received: 5/15/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TRPH	ND	ug/L	200.	1.0	5/22/03	20:26	M.Jarrett	FPRO	9980
Naphthalene	ND	ug/L	2.0	1.0	5/22/03	19:55	M.Schott	8270C	7625
Acenaphthene	ND	ug/L	2.0	1.0	5/22/03	19:55	M.Schott	8270C	7625
Anthracene	ND	ug/L	2.0	1.0	5/22/03	19:55	M.Schott	8270C	7625
Fluoranthene	ND	ug/L	2.0	1.0	5/22/03	19:55	M.Schott	8270C	7625
Fluorene	ND	ug/L	2.0	1.0	5/22/03	19:55	M.Schott	8270C	7625
Pyrene	ND	ug/L	2.0	1.0	5/22/03	19:55	M.Schott	8270C	7625
Benzo(a)anthracene	ND	ug/L	2.0	1.0	5/22/03	19:55	M.Schott	8270C	7625
Benzo(a)pyrene	ND	ug/L	2.0	1.0	5/22/03	19:55	M.Schott	8270C	7625
Benzo(b)fluoranthene	ND	ug/L	2.0	1.0	5/22/03	19:55	M.Schott	8270C	7625
Benzo(k)fluoranthene	ND	ug/L	2.0	1.0	5/22/03	19:55	M.Schott	8270C	7625
Chrysene	ND	ug/L	2.0	1.0	5/22/03	19:55	M.Schott	8270C	7625
Dibenzo(a,h)anthracene	ND	ug/L	2.0	1.0	5/22/03	19:55	M.Schott	8270C	7625
Indeno(1,2,3-cd)pyrene	ND	ug/L	2.0	1.0	5/22/03	19:55	M.Schott	8270C	7625
Acenaphthylene	ND	ug/L	2.0	1.0	5/22/03	19:55	M.Schott	8270C	7625
Benzo(g,h,i)perylene	ND	ug/L	2.0	1.0	5/22/03	19:55	M.Schott	8270C	7625
Phenanthrene	ND	ug/L	2.0	1.0	5/22/03	19:55	M.Schott	8270C	7625
1-Methylnapthalene	ND	ug/L	2.0	1.0	5/22/03	19:55	M.Schott	8270C	7625
2-Methylnapthalene	ND	ug/L	2.0	1.0	5/22/03	19:55	M.Schott	8270C	7625
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	5/16/03	16:59	J.Haley	8260B	6267
Toluene	ND	ug/L	1.0	1.0	5/16/03	16:59	J.Haley	8260B	6267
Ethylbenzene	ND	ug/L	1.0	1.0	5/16/03	16:59	J.Haley	8260B	6267
Xylenes (Total)	ND	ug/L	1.0	1.0	5/16/03	16:59	J.Haley	8260B	6267
1,2-Dibromoethane	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75735
Sample ID: CEF-103-SMW02
Project: 04-41001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Naphthalene	ND	ug/L	5.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
Acetone	ND	ug/L	25.0	1.0	5/16/03	16:59	J.Haley	8260B	6267
Bromobenzene	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
Bromochloromethane	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
Bromoform	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
Bromomethane	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
2-Butanone	ND	ug/L	25.0	1.0	5/16/03	16:59	J.Haley	8260B	6267
n-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
sec-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
t-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
Carbon disulfide	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
Carbon tetrachloride	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
Chlorobenzene	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
Chloroethane	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
Chloroform	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
Chloromethane	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
2-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
4-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
Dibromochloromethane	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
Dibromomethane	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
1,1-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
1,2-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
1,1-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
1,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
1,3-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
2,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
1,1-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75735
Sample ID: CEF-103-SMW02
Project: 04-41001
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Hexachlorobutadiene	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
2-Hexanone	ND	ug/L	5.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
Isopropylbenzene	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
4-Isopropyltoluene	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
Methylene chloride	ND	ug/L	2.50	1.0	5/16/03	16:59	J.Haley	8260B	6267
n-Propylbenzene	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
Styrene	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
Tetrachloroethene	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
Trichloroethene	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	5/16/03	16:59	J.Haley	8260B	6267
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
Vinyl chloride	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
Bromodichloromethane	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
Trichlorofluoromethane	ND	ug/L	1.00	1.0	5/16/03	16:59	J.Haley	8260B	6267
METALS									
Lead	ND	ug/L	3.0	1.0	5/19/03	11:37	C.Johnson	6010B	5491

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	985. ml	1.0 ml	5/20/03		M. Ricke	3510/625
Fla Pro	1000 ml	2.0 ml	5/20/03		M. Ricke	EDEP

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75735
Sample ID: CEF-103-SMW02
Project: 04-41001
Page 4

Surrogate	% Recovery	Target Range
TPH Surr., O-Terphenyl	86.	82. - 142.
TPH Surr, C-35	79.	55. - 118.
VOA Surr 1,2-DCA-d4	108.	73. - 133.
VOA Surr Toluene-d8	113.	80. - 121.
VOA Surr, 4-BFB	107.	80. - 128.
VOA Surr, DBFM	117.	81. - 121.
BNA Surr-Nitrobenzene-d5	70.	40. - 127.
BNA Surr-2-Fluorobiphenyl	66.	42. - 113.
BNA Surr-Terphenyl-d14	30. #	41. - 129.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
Sample reprepped outside of holding time for PAH analysis, due to low surrogate recovery. Surrogates were within limits on the re-extraction and all PAH results were confirmed.

End of Sample Report.

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ANALYTICAL REPORT

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

Project: 04-41001
Project Name:
Sampler: J. YOUNG/K. BAER

Lab Number: 03-A75736
Sample ID: CEF-103-SMW03
Sample Type: Water
Site ID:

Date Collected: 5/13/03
Time Collected: 11:56
Date Received: 5/15/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TRPH	ND	ug/L	222.	1.0	5/22/03	20:45	M.Jarrett	FPRO	8980
Naphthalene	ND	ug/L	2.0	1.0	5/22/03	20:32	M.Schott	8270C	7625
Acenaphthene	ND	ug/L	2.0	1.0	5/22/03	20:32	M.Schott	8270C	7625
Anthracene	ND	ug/L	2.0	1.0	5/22/03	20:32	M.Schott	8270C	7625
Fluoranthene	ND	ug/L	2.0	1.0	5/22/03	20:32	M.Schott	8270C	7625
Fluorene	ND	ug/L	2.0	1.0	5/22/03	20:32	M.Schott	8270C	7625
Pyrene	ND	ug/L	2.0	1.0	5/22/03	20:32	M.Schott	8270C	7625
Benzo(a)anthracene	ND	ug/L	2.0	1.0	5/22/03	20:32	M.Schott	8270C	7625
Benzo(a)pyrene	ND	ug/L	2.0	1.0	5/22/03	20:32	M.Schott	8270C	7625
Benzo(b)fluoranthene	ND	ug/L	2.0	1.0	5/22/03	20:32	M.Schott	8270C	7625
Benzo(k)fluoranthene	ND	ug/L	2.0	1.0	5/22/03	20:32	M.Schott	8270C	7625
Chrysene	ND	ug/L	2.0	1.0	5/22/03	20:32	M.Schott	8270C	7625
Dibenzo(a,h)anthracene	ND	ug/L	2.0	1.0	5/22/03	20:32	M.Schott	8270C	7625
Indeno(1,2,3-cd)pyrene	ND	ug/L	2.0	1.0	5/22/03	20:32	M.Schott	8270C	7625
Acenaphthylene	ND	ug/L	2.0	1.0	5/22/03	20:32	M.Schott	8270C	7625
Benzo(g,h,i)perylene	ND	ug/L	2.0	1.0	5/22/03	20:32	M.Schott	8270C	7625
Phenanthrene	ND	ug/L	2.0	1.0	5/22/03	20:32	M.Schott	8270C	7625
1-Methylnapthalene	ND	ug/L	2.0	1.0	5/22/03	20:32	M.Schott	8270C	7625
2-Methylnapthalene	ND	ug/L	2.0	1.0	5/22/03	20:32	M.Schott	8270C	7625
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	5/16/03	17:29	J.Haley	8260B	6267
Toluene	ND	ug/L	1.0	1.0	5/16/03	17:29	J.Haley	8260B	6267
Ethylbenzene	ND	ug/L	1.0	1.0	5/16/03	17:29	J.Haley	8260B	6267
Xylenes (Total)	ND	ug/L	1.0	1.0	5/16/03	17:29	J.Haley	8260B	6267
1,2-Dibromoethane	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75736
Sample ID: CEF-103-SMW03
Project: 04-41001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Naphthalene	ND	ug/L	5.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
Acetone	ND	ug/L	25.0	1.0	5/16/03	17:29	J.Haley	8260B	6267
Bromobenzene	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
Bromochloromethane	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
Bromoform	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
Bromomethane	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
2-Butanone	ND	ug/L	25.0	1.0	5/16/03	17:29	J.Haley	8260B	6267
n-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
sec-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
t-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
Carbon disulfide	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
Carbon tetrachloride	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
Chlorobenzene	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
Chloroethane	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
Chloroform	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
Chloromethane	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
2-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
4-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
Dibromochloromethane	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
Dibromomethane	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
1,1-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
1,2-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
1,1-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
1,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
1,3-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
2,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
1,1-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75736
Sample ID: CEF-103-SMW03
Project: 04-41001
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Hexachlorobutadiene	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
2-Hexanone	ND	ug/L	5.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
Isopropylbenzene	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
4-Isopropyltoluene	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
Methylene chloride	ND	ug/L	2.50	1.0	5/16/03	17:29	J.Haley	8260B	6267
n-Propylbenzene	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
Styrene	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
Tetrachloroethene	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
Trichloroethene	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	5/16/03	17:29	J.Haley	8260B	6267
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
Vinyl chloride	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
Bromodichloromethane	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
Trichlorofluoromethane	ND	ug/L	1.00	1.0	5/16/03	17:29	J.Haley	8260B	6267
METALS									
Lead	4.0	ug/L	3.0	1.0	5/19/03	11:37	C.Johnson	6010B	5491

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	910. ml	1.0 ml	5/20/03		M. Ricke	3510/625
Fla Pro	900. ml	2.0 ml	5/20/03		M. Ricke	FDRP

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75736
Sample ID: CEF-103-SMW03
Project: 04-41001
Page 4

Surrogate	% Recovery	Target Range
TPH Surr., O-Terphenyl	89.	82. - 142.
TPH Surr, C-35	75.	55. - 118.
VOA Surr 1,2-DCA-d4	111.	73. - 133.
VOA Surr Toluene-d8	110.	80. - 121.
VOA Surr, 4-BFB	106.	80. - 128.
VOA Surr, DBFM	120.	81. - 121.
BNA Surr-Nitrobenzene-d5	57.	40. - 127.
BNA Surr-2-Fluorobiphenyl	56.	42. - 113.
BNA Surr-Terphenyl-d14	31. #	41. - 129.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
Sample reprepped outside of holding time for PAH analysis, due to low surrogate recovery. Surrogates were within limits on the re-extraction and all PAH results were confirmed.

End of Sample Report.

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ANALYTICAL REPORT

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

Project: 04-41001
Project Name:
Sampler: J. YOUNG/K. BAER

Lab Number: 03-A75737
Sample ID: CEF-103-SMW04
Sample Type: Water
Site ID:

Date Collected: 5/14/03
Time Collected: 9:55
Date Received: 5/15/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TRPH	208.	ug/L	200.	1.0	5/22/03	21:05	M.Jarrett	FPRO	9980
Naphthalene	ND	ug/L	2.0	1.0	5/22/03	21:09	M.Schott	8270C	7625
Acenaphthene	ND	ug/L	2.0	1.0	5/22/03	21:09	M.Schott	8270C	7625
Anthracene	ND	ug/L	2.0	1.0	5/22/03	21:09	M.Schott	8270C	7625
Fluoranthene	ND	ug/L	2.0	1.0	5/22/03	21:09	M.Schott	8270C	7625
Fluorene	ND	ug/L	2.0	1.0	5/22/03	21:09	M.Schott	8270C	7625
Pyrene	ND	ug/L	2.0	1.0	5/22/03	21:09	M.Schott	8270C	7625
Benzo(A)anthracene	ND	ug/L	2.0	1.0	5/22/03	21:09	M.Schott	8270C	7625
Benzo(a)pyrene	ND	ug/L	2.0	1.0	5/22/03	21:09	M.Schott	8270C	7625
Benzo(b)fluoranthene	ND	ug/L	2.0	1.0	5/22/03	21:09	M.Schott	8270C	7625
Benzo(k)fluoranthene	ND	ug/L	2.0	1.0	5/22/03	21:09	M.Schott	8270C	7625
Chrysene	ND	ug/L	2.0	1.0	5/22/03	21:09	M.Schott	8270C	7625
Dibenzo(a,h)anthracene	ND	ug/L	2.0	1.0	5/22/03	21:09	M.Schott	8270C	7625
Indeno(1,2,3-cd)pyrene	ND	ug/L	2.0	1.0	5/22/03	21:09	M.Schott	8270C	7625
Acenaphthylene	ND	ug/L	2.0	1.0	5/22/03	21:09	M.Schott	8270C	7625
Benzo(g,h,i)perylene	ND	ug/L	2.0	1.0	5/22/03	21:09	M.Schott	8270C	7625
Phenanthrene	ND	ug/L	2.0	1.0	5/22/03	21:09	M.Schott	8270C	7625
1-Methylnapthalene	ND	ug/L	2.0	1.0	5/22/03	21:09	M.Schott	8270C	7625
2-Methylnapthalene	ND	ug/L	2.0	1.0	5/22/03	21:09	M.Schott	8270C	7625
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	5/16/03	17:59	J.Haley	8260B	6267
Toluene	ND	ug/L	1.0	1.0	5/16/03	17:59	J.Haley	8260B	6267
Ethylbenzene	ND	ug/L	1.0	1.0	5/16/03	17:59	J.Haley	8260B	6267
Xylenes (Total)	ND	ug/L	1.0	1.0	5/16/03	17:59	J.Haley	8260B	6267
1,2-Dibromoethane	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75737
Sample ID: CEF-103-SMW04
Project: 04-41001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Naphthalene	ND	ug/L	5.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
Acetone	ND	ug/L	25.0	1.0	5/16/03	17:59	J.Haley	8260B	6267
Bromobenzene	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
Bromochloromethane	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
Bromoform	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
Bromomethane	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
2-Butanone	ND	ug/L	25.0	1.0	5/16/03	17:59	J.Haley	8260B	6267
n-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
sec-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
t-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
Carbon disulfide	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
Carbon tetrachloride	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
Chlorobenzene	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
Chloroethane	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
Chloroform	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
Chloromethane	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
2-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
4-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
Dibromochloromethane	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
Dibromomethane	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
1,1-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
1,2-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
1,1-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
1,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
1,3-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
2,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
1,1-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75737
Sample ID: CEF-103-SMW04
Project: 04-41001
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Hexachlorobutadiene	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
2-Hexanone	ND	ug/L	5.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
Isopropylbenzene	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
4-Isopropyltoluene	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
Methylene chloride	ND	ug/L	2.50	1.0	5/16/03	17:59	J.Haley	8260B	6267
n-Propylbenzene	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
Styrene	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
Tetrachloroethene	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
Trichloroethene	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	5/16/03	17:59	J.Haley	8260B	6267
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
Vinyl chloride	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
Bromodichloromethane	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
Trichlorofluoromethane	ND	ug/L	1.00	1.0	5/16/03	17:59	J.Haley	8260B	6267
METALS									
Lead	16.0	ug/L	3.0	1.0	5/19/03	11:37	C.Johnson	6010B	5491

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
DNA's	945. ml	1.0 ml	5/20/03		M. Ricke	3510/625
Fla Pro	1000 ml	2.0 ml	5/20/03		M. Ricke	FDEP

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75737
Sample ID: CEF-103-SMW04
Project: 04-41001
Page 4

Surrogate	% Recovery	Target Range
TPH Surr., O-Terphenyl	79. #	82. - 142.
TPH Surr, C-35	77.	55. - 118.
VOA Surr 1,2-DCA-d4	109.	73. - 133.
VOA Surr Toluene-d8	115.	80. - 121.
VOA Surr, 4-BFB	111.	80. - 128.
VOA Surr, DBFM	93.	81. - 121.
BNA Surr-Nitrobenzene-d5	61.	40. - 127.
BNA Surr-2-Fluorobiphenyl	58.	42. - 118.
BNA Surr-Terphenyl-d14	30. #	41. - 129.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
Sample reprepped outside of holding time for PAH analysis, due to low surrogate recovery. Surrogates were within limits on the re-extraction and all PAH results were confirmed.

End of Sample Report.

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ANALYTICAL REPORT

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

Project: 04-41001
Project Name:
Sampler: J. YOUNG/K. BAER

Lab Number: 03-A75738
Sample ID: CEF-103-SMW05
Sample Type: Water
Site ID:

Date Collected: 5/13/03
Time Collected: 13:16
Date Received: 5/15/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TRPH	ND	ug/L	200.	1.0	5/22/03	21:25	M.Jarrett	FPRO	9980
Naphthalene	ND	ug/L	2.0	1.0	5/22/03	21:46	M.Schott	8270C	7625
Acenaphthene	ND	ug/L	2.0	1.0	5/22/03	21:46	M.Schott	8270C	7625
Anthracene	ND	ug/L	2.0	1.0	5/22/03	21:46	M.Schott	8270C	7625
Fluoranthene	ND	ug/L	2.0	1.0	5/22/03	21:46	M.Schott	8270C	7625
Fluorene	ND	ug/L	2.0	1.0	5/22/03	21:46	M.Schott	8270C	7625
Pyrene	ND	ug/L	2.0	1.0	5/22/03	21:46	M.Schott	8270C	7625
Benzo(a)anthracene	ND	ug/L	2.0	1.0	5/22/03	21:46	M.Schott	8270C	7625
Benzo(a)pyrene	ND	ug/L	2.0	1.0	5/22/03	21:46	M.Schott	8270C	7625
Benzo(b)fluoranthene	ND	ug/L	2.0	1.0	5/22/03	21:46	M.Schott	8270C	7625
Benzo(k)fluoranthene	ND	ug/L	2.0	1.0	5/22/03	21:46	M.Schott	8270C	7625
Chrysene	ND	ug/L	2.0	1.0	5/22/03	21:46	M.Schott	8270C	7625
Dibenzo(a,h)anthracene	ND	ug/L	2.0	1.0	5/22/03	21:46	M.Schott	8270C	7625
Indeno(1,2,3-cd)pyrene	ND	ug/L	2.0	1.0	5/22/03	21:46	M.Schott	8270C	7625
Acenaphthylene	ND	ug/L	2.0	1.0	5/22/03	21:46	M.Schott	8270C	7625
Benzo(g,h,i)perylene	ND	ug/L	2.0	1.0	5/22/03	21:46	M.Schott	8270C	7625
Phenanthrene	ND	ug/L	2.0	1.0	5/22/03	21:46	M.Schott	8270C	7625
1-Methylnapthalene	ND	ug/L	2.0	1.0	5/22/03	21:46	M.Schott	8270C	7625
2-Methylnapthalene	ND	ug/L	2.0	1.0	5/22/03	21:46	M.Schott	8270C	7625
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	5/16/03	18:28	J.Haley	8260B	6267
Toluene	ND	ug/L	1.0	1.0	5/16/03	18:28	J.Haley	8260B	6267
Ethylbenzene	ND	ug/L	1.0	1.0	5/16/03	18:28	J.Haley	8260B	6267
Xylenes (Total)	ND	ug/L	1.0	1.0	5/16/03	18:28	J.Haley	8260B	6267
1,2-Dibromoethane	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75738
Sample ID: CEF-103-SMW05
Project: 04-41001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Naphthalene	ND	ug/L	5.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
Acetone	ND	ug/L	25.0	1.0	5/16/03	18:28	J.Haley	8260B	6267
Bromobenzene	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
Bromochloromethane	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
Bromoform	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
Bromomethane	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
2-Butanone	ND	ug/L	25.0	1.0	5/16/03	18:28	J.Haley	8260B	6267
n-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
sec-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
t-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
Carbon disulfide	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
Carbon tetrachloride	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
Chlorobenzene	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
Chloroethane	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
Chloroform	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
Chloromethane	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
2-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
4-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
Dibromochloromethane	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
Dibromomethane	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
1,1-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
1,2-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
1,1-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
1,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
1,3-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
2,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
1,1-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75738
Sample ID: CEF-103-SMW05
Project: 04-41001
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Hexachlorobutadiene	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
2-Hexanone	ND	ug/L	5.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
Isopropylbenzene	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
4-Isopropyltoluene	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
Methylene chloride	ND	ug/L	2.50	1.0	5/16/03	18:28	J.Haley	8260B	6267
n-Propylbenzene	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
Styrene	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
Tetrachloroethene	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
Trichloroethene	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	5/16/03	18:28	J.Haley	8260B	6267
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
Vinyl chloride	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
Bromodichloromethane	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
Trichlorofluoromethane	ND	ug/L	1.00	1.0	5/16/03	18:28	J.Haley	8260B	6267
METALS									
Lead	ND	ug/L	3.0	1.0	5/19/03	19:24	C.Johnson	6010B	5494

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	940. ml	1.0 ml	5/20/03		M. Ricke	3510/625
Fla Pro	1000 ml	2.0 ml	5/20/03		M. Ricke	FDRP

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75738
Sample ID: CEF-103-SMW05
Project: 04-41001
Page 4

Surrogate	% Recovery	Target Range
TPH Surr., O-Terphenyl	90.	82. - 142.
TPH Surr, C-35	59.	55. - 118.
VOA Surr 1,2-DCA-d4	109.	73. - 133.
VOA Surr Toluene-d8	107.	80. - 121.
VOA Surr. 4-BFB	108.	80. - 128.
VOA Surr, DBFM	92.	81. - 121.
BNA Surr-Nitrobenzene-d5	69.	40. - 127.
BNA Surr-2-Fluorobiphenyl	67.	42. - 113.
BNA Surr-Terphenyl-d14	34. #	41. - 129.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
Sample reprepped outside of holding time for PAH analysis, due to low surrogate recovery. Surrogates were within limits on the re-extraction and all PAH results were confirmed.

End of Sample Report.

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ANALYTICAL REPORT

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

Project: 04-41001
Project Name:
Sampler: J. YOUNG/K. BAER

Lab Number: 03-A75739
Sample ID: CEF-103-SMW06
Sample Type: Water
Site ID:

Date Collected: 5/13/03
Time Collected: 15:23
Date Received: 5/15/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TRPH	ND	ug/L	200.	1.0	5/22/03	22:24	M.Jarrett	FPRO	5980
Naphthalene	ND	ug/L	2.0	1.0	5/22/03	23:16	M.Schott	8270C	7625
Acenaphthene	ND	ug/L	2.0	1.0	5/22/03	23:16	M.Schott	8270C	7625
Anthracene	ND	ug/L	2.0	1.0	5/22/03	23:16	M.Schott	8270C	7625
Fluoranthene	ND	ug/L	2.0	1.0	5/22/03	23:16	M.Schott	8270C	7625
Fluorene	ND	ug/L	2.0	1.0	5/22/03	23:16	M.Schott	8270C	7625
Pyrene	ND	ug/L	2.0	1.0	5/22/03	23:16	M.Schott	8270C	7625
Benzo(a)anthracene	ND	ug/L	2.0	1.0	5/22/03	23:16	M.Schott	8270C	7625
Benzo(a)pyrene	ND	ug/L	2.0	1.0	5/22/03	23:16	M.Schott	8270C	7625
Benzo(b)fluoranthene	ND	ug/L	2.0	1.0	5/22/03	23:16	M.Schott	8270C	7625
Benzo(k)fluoranthene	ND	ug/L	2.0	1.0	5/22/03	23:16	M.Schott	8270C	7625
Chrysene	ND	ug/L	2.0	1.0	5/22/03	23:16	M.Schott	8270C	7625
Dibenzo(a,h)anthracene	ND	ug/L	2.0	1.0	5/22/03	23:16	M.Schott	8270C	7625
Indeno(1,2,3-cd)pyrene	ND	ug/L	2.0	1.0	5/22/03	23:16	M.Schott	8270C	7625
Acenaphthylene	ND	ug/L	2.0	1.0	5/22/03	23:16	M.Schott	8270C	7625
Benzo(g,h,i)perylene	ND	ug/L	2.0	1.0	5/22/03	23:16	M.Schott	8270C	7625
Phenanthrene	ND	ug/L	2.0	1.0	5/22/03	23:16	M.Schott	8270C	7625
1-Methylnapthalene	ND	ug/L	2.0	1.0	5/22/03	23:16	M.Schott	8270C	7625
2-Methylnapthalene	ND	ug/L	2.0	1.0	5/22/03	23:16	M.Schott	8270C	7625
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	5/16/03	18:58	J.Haley	8260B	6267
Toluene	ND	ug/L	1.0	1.0	5/16/03	18:58	J.Haley	8260B	6267
Ethylbenzene	ND	ug/L	1.0	1.0	5/16/03	18:58	J.Haley	8260B	6267
Xylenes (Total)	ND	ug/L	1.0	1.0	5/16/03	18:58	J.Haley	8260B	6267
1,2-Dibromoethane	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75739
Sample ID: CEF-103-SMW06
Project: 04-41001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Naphthalene	ND	ug/L	5.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
Acetone	ND	ug/L	25.0	1.0	5/16/03	18:58	J.Haley	8260B	6267
Bromobenzene	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
Bromochloromethane	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
Bromoform	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
Bromomethane	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
2-Butanone	ND	ug/L	25.0	1.0	5/16/03	18:58	J.Haley	8260B	6267
n-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
sec-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
t-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
Carbon disulfide	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
Carbon tetrachloride	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
Chlorobenzene	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
Chloroethane	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
Chloroform	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
Chloromethane	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
2-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
4-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
Dibromochloromethane	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
Dibromomethane	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
1,1-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
1,2-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
1,1-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
1,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
1,3-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
2,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
1,1-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75739
Sample ID: CEF-103-SMW06
Project: 04-41001
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Hexachlorobutadiene	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
2-Hexanone	ND	ug/L	5.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
Isopropylbenzene	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
4-Isopropyltoluene	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
Methylene chloride	ND	ug/L	2.50	1.0	5/16/03	18:58	J.Haley	8260B	6267
n-Propylbenzene	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
Styrene	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
Tetrachloroethene	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
Trichloroethene	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	5/16/03	18:58	J.Haley	8260B	6267
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
Vinyl chloride	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
Bromodichloromethane	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
Trichlorofluoromethane	ND	ug/L	1.00	1.0	5/16/03	18:58	J.Haley	8260B	6267
METALS									
Lead	4.0	ug/L	3.0	1.0	5/19/03	19:24	C.Johnson	6010B	5494

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	975. ml	1.0 ml	5/20/03		M. Ricke	3510/625
Fla Pro	1000 ml	2.0 ml	5/20/03		M. Ricke	FDEP

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75739
Sample ID: CEF-103-SMW06
Project: 04-41001
Page 4

Surrogate	% Recovery	Target Range
TPH Surr., O-Terphenyl	97.	82. - 142.
TPH Surr, C-35	79.	55. - 118.
VOA Surr 1,2-DCA-d4	109.	73. - 133.
VOA Surr Toluene-d8	110.	80. - 121.
VOA Surr, 4-BFB	108.	80. - 128.
VOA Surr, DBFM	92.	81. - 121.
BNA Surr-Nitrobenzene-d5	67.	40. - 127.
BNA Surr-2-Fluorobiphenyl	60.	42. - 113.
BNA Surr-Terphenyl-d14	30. #	41. - 129.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
Sample reprepped outside of holding time for PAH analysis, due to low surrogate recovery. Surrogates were within limits on the re-extraction and all PAH results were confirmed.

End of Sample Report.

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ANALYTICAL REPORT

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

Project: 04-41001
Project Name:
Sampler: J. YOUNG/K. BAER

Lab Number: 03-A75740
Sample ID: CEF-103-SMW07
Sample Type: Water
Site ID:

Date Collected: 5/13/03
Time Collected: 14:08
Date Received: 5/15/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TRPH	ND	ug/L	200.	1.0	5/22/03	22:44	M.Jarrett	FPRO	9980
Naphthalene	ND	ug/L	2.0	1.0	5/22/03	23:53	M.Schott	8270C	7625
Acenaphthene	ND	ug/L	2.0	1.0	5/22/03	23:53	M.Schott	8270C	7625
Anthracene	ND	ug/L	2.0	1.0	5/22/03	23:53	M.Schott	8270C	7625
Fluoranthene	ND	ug/L	2.0	1.0	5/22/03	23:53	M.Schott	8270C	7625
Fluorene	ND	ug/L	2.0	1.0	5/22/03	23:53	M.Schott	8270C	7625
Pyrene	ND	ug/L	2.0	1.0	5/22/03	23:53	M.Schott	8270C	7625
Benzo(a)anthracene	ND	ug/L	2.0	1.0	5/22/03	23:53	M.Schott	8270C	7625
Benzo(a)pyrene	ND	ug/L	2.0	1.0	5/22/03	23:53	M.Schott	8270C	7625
Benzo(b)fluoranthene	ND	ug/L	2.0	1.0	5/22/03	23:53	M.Schott	8270C	7625
Benzo(k)fluoranthene	ND	ug/L	2.0	1.0	5/22/03	23:53	M.Schott	8270C	7625
Chrysene	ND	ug/L	2.0	1.0	5/22/03	23:53	M.Schott	8270C	7625
Dibenzo(a,h)anthracene	ND	ug/L	2.0	1.0	5/22/03	23:53	M.Schott	8270C	7625
Indeno(1,2,3-cd)pyrene	ND	ug/L	2.0	1.0	5/22/03	23:53	M.Schott	8270C	7625
Acenaphthylene	ND	ug/L	2.0	1.0	5/22/03	23:53	M.Schott	8270C	7625
Benzo(g,h,i)perylene	ND	ug/L	2.0	1.0	5/22/03	23:53	M.Schott	8270C	7625
Phenanthrene	ND	ug/L	2.0	1.0	5/22/03	23:53	M.Schott	8270C	7625
1-Methylnapthalene	ND	ug/L	2.0	1.0	5/22/03	23:53	M.Schott	8270C	7625
2-Methylnapthalene	ND	ug/L	2.0	1.0	5/22/03	23:53	M.Schott	8270C	7625
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	5/16/03	19:28	J.Haley	8260B	6267
Toluene	ND	ug/L	1.0	1.0	5/16/03	19:28	J.Haley	8260B	6267
Ethylbenzene	ND	ug/L	1.0	1.0	5/16/03	19:28	J.Haley	8260B	6267
Xylenes (Total)	ND	ug/L	1.0	1.0	5/16/03	19:28	J.Haley	8260B	6267
1,2-Dibromoethane	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75740
Sample ID: CEF-103-SMW07
Project: 04-41001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Naphthalene	ND	ug/L	5.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
Acetone	ND	ug/L	25.0	1.0	5/16/03	19:28	J.Haley	8260B	6267
Bromobenzene	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
Bromochloromethane	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
Bromoform	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
Bromomethane	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
2-Butanone	ND	ug/L	25.0	1.0	5/16/03	19:28	J.Haley	8260B	6267
n-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
sec-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
t-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
Carbon disulfide	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
Carbon tetrachloride	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
Chlorobenzene	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
Chloroethane	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
Chloroform	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
Chloromethane	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
2-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
4-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
Dibromochloromethane	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
Dibromomethane	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
1,1-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
1,2-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
1,1-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
1,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
1,3-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
2,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
1,1-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75740
Sample ID: CEF-103-SMW07
Project: 04-41001
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Hexachlorobutadiene	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
2-Hexanone	ND	ug/L	5.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
Isopropylbenzene	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
4-Isopropyltoluene	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
Methylene chloride	ND	ug/L	2.50	1.0	5/16/03	19:28	J.Haley	8260B	6267
n-Propylbenzene	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
Styrene	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
Tetrachloroethene	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
Trichloroethene	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	5/16/03	19:28	J.Haley	8260B	6267
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
Vinyl chloride	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
Bromodichloromethane	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
Trichlorofluoromethane	ND	ug/L	1.00	1.0	5/16/03	19:28	J.Haley	8260B	6267
METALS									
Lead	ND	ug/L	3.0	1.0	5/19/03	18:24	C.Johnson	6010B	5494

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	950. ml	1.0 ml	5/20/03		M. Ricke	3510/625
Fla Pro	1000 ml	2.0 ml	5/20/03		M. Ricke	EDRP

Sample report continued . . .

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ANALYTICAL TESTING CORPORATION

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ANALYTICAL REPORT

Laboratory Number: 03-A75740
Sample ID: CEF-103-SMW07
Project: 04-41001
Page 4

Surrogate	% Recovery	Target Range
TPH Surr., O-Terphenyl	89.	82. - 142.
TPH Surr, C-35	40. #	55. - 118.
VOA Surr 1,2-DCA-d4	109.	73. - 133.
VOA Surr Toluene-d8	112.	80. - 121.
VOA Surr, 4-BFB	109.	80. - 128.
VOA Surr, DBFM	92.	81. - 121.
BNA Surr-Nitrobenzene-d5	74.	40. - 127.
BNA Surr-2-Fluorobiphenyl	68.	42. - 113.
BNA Surr-Terphenyl-d14	30. #	41. - 129.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
Sample reprepped outside of holding time for PAH analysis, due to low surrogate recovery. Surrogates were within limits on the re-extraction and all PAH results were confirmed.

End of Sample Report.

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ANALYTICAL REPORT

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

Project: 04-41001
Project Name:
Sampler: J. YOUNG/K. BAER

Lab Number: 03-A75741
Sample ID: CEF-103-SMW08
Sample Type: Water
Site ID:

Date Collected: 5/13/03
Time Collected: 19:06
Date Received: 5/15/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TRPH	ND	ug/L	222.	1.0	5/22/03	23:03	M.Jarrett	FPRO	9980
Naphthalene	ND	ug/L	2.0	1.0	5/23/03	0:29	M.Schott	8270C	7625
Acenaphthene	ND	ug/L	2.0	1.0	5/23/03	0:29	M.Schott	8270C	7625
Anthracene	ND	ug/L	2.0	1.0	5/23/03	0:29	M.Schott	8270C	7625
Fluoranthene	ND	ug/L	2.0	1.0	5/23/03	0:29	M.Schott	8270C	7625
Fluorene	ND	ug/L	2.0	1.0	5/23/03	0:29	M.Schott	8270C	7625
Pyrene	ND	ug/L	2.0	1.0	5/23/03	0:29	M.Schott	8270C	7625
Benzo(a)anthracene	ND	ug/L	2.0	1.0	5/23/03	0:29	M.Schott	8270C	7625
Benzo(a)pyrene	ND	ug/L	2.0	1.0	5/23/03	0:29	M.Schott	8270C	7625
Benzo(b)fluoranthene	ND	ug/L	2.0	1.0	5/23/03	0:29	M.Schott	8270C	7625
Benzo(k)fluoranthene	ND	ug/L	2.0	1.0	5/23/03	0:29	M.Schott	8270C	7625
Chrysene	ND	ug/L	2.0	1.0	5/23/03	0:29	M.Schott	8270C	7625
Dibenzo(a,h)anthracene	ND	ug/L	2.0	1.0	5/23/03	0:29	M.Schott	8270C	7625
Indeno(1,2,3-cd)pyrene	ND	ug/L	2.0	1.0	5/23/03	0:29	M.Schott	8270C	7625
Acenaphthylene	ND	ug/L	2.0	1.0	5/23/03	0:29	M.Schott	8270C	7625
Benzo(g,h,i)perylene	ND	ug/L	2.0	1.0	5/23/03	0:29	M.Schott	8270C	7625
Phenanthrene	ND	ug/L	2.0	1.0	5/23/03	0:29	M.Schott	8270C	7625
1-Methylnapthalene	ND	ug/L	2.0	1.0	5/23/03	0:29	M.Schott	8270C	7625
2-Methylnapthalene	ND	ug/L	2.0	1.0	5/23/03	0:29	M.Schott	8270C	7625
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	5/16/03	19:58	J.Haley	8260B	6267
Toluene	ND	ug/L	1.0	1.0	5/16/03	19:58	J.Haley	8260B	6267
Ethylbenzene	ND	ug/L	1.0	1.0	5/16/03	19:58	J.Haley	8260B	6267
Xylenes (Total)	ND	ug/L	1.0	1.0	5/16/03	19:58	J.Haley	8260B	6267
1,2-Dibromoethane	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75741
Sample ID: CEF-103-SMW08
Project: 04-41001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Naphthalene	ND	ug/L	5.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
Acetone	ND	ug/L	25.0	1.0	5/16/03	19:58	J.Haley	8260B	6267
Bromobenzene	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
Bromochloromethane	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
Bromoform	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
Bromomethane	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
2-Butanone	ND	ug/L	25.0	1.0	5/16/03	19:58	J.Haley	8260B	6267
n-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
sec-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
t-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
Carbon disulfide	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
Carbon tetrachloride	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
Chlorobenzene	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
Chloroethane	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
Chloroform	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
Chloromethane	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
2-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
4-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
Dibromochloromethane	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
Dibromomethane	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
1,1-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
1,2-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
1,1-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
1,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
1,3-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
2,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
1,1-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75741
Sample ID: CEF-103-SMW08
Project: 04-41001
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Hexachlorobutadiene	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
2-Hexanone	ND	ug/L	5.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
Isopropylbenzene	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
4-Isopropyltoluene	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
Methylene chloride	ND	ug/L	2.50	1.0	5/16/03	19:58	J.Haley	8260B	6267
n-Propylbenzene	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
Styrene	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
Tetrachloroethene	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
Trichloroethene	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	5/16/03	19:58	J.Haley	8260B	6267
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
Vinyl chloride	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
Bromodichloromethane	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
Trichlorofluoromethane	ND	ug/L	1.00	1.0	5/16/03	19:58	J.Haley	8260B	6267
METALS									
Lead	ND	ug/L	3.0	1.0	5/19/03	19:24	C.Johnson	6010B	5494

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	950. ml	1.0 ml	5/20/03		M. Ricke	3510/625
Fla Pro	900. ml	2.0 ml	5/20/03		M. Ricke	FDEP

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75741
Sample ID: CEF-103-SMW08
Project: 04-41001
Page 4

Surrogate	% Recovery	Target Range
TPH Surr., O-Terphenyl	95.	82. - 142.
TPH Surr, C-35	79.	55. - 118.
VOA Surr 1,2-DCA-d4	108.	73. - 133.
VOA Surr Toluene-d8	107.	80. - 121.
VOA Surr, 4-BFB	108.	80. - 128.
VOA Surr, DBFM	91.	81. - 121.
BNA Surr-Nitrobenzene-d5	74.	40. - 127.
BNA Surr-2-Fluorobiphenyl	68.	42. - 113.
BNA Surr-Terphenyl-d14	37. #	41. - 129.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
Sample reprepped outside of holding time for PAH analysis, due to low surrogate recovery. Surrogates were within limits on the re-extraction and all PAH results were confirmed.

End of Sample Report.

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ANALYTICAL REPORT

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

Project: 04-41001
Project Name:
Sampler: J. YOUNG/K. BAER

Lab Number: 03-A75742
Sample ID: CEF-103-SMW09
Sample Type: Water
Site ID:

Date Collected: 5/13/03
Time Collected: 16:08
Date Received: 5/15/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TRPH	ND	ug/L	200.	1.0	5/22/03	23:23	M.Jarrett	FPRO	9980
Naphthalene	ND	ug/L	2.0	1.0	5/23/03	1:06	M.Schott	8270C	7625
Acenaphthene	ND	ug/L	2.0	1.0	5/23/03	1:06	M.Schott	8270C	7625
Anthracene	ND	ug/L	2.0	1.0	5/23/03	1:06	M.Schott	8270C	7625
Fluoranthene	ND	ug/L	2.0	1.0	5/23/03	1:06	M.Schott	8270C	7625
Fluorene	ND	ug/L	2.0	1.0	5/23/03	1:06	M.Schott	8270C	7625
Pyrene	ND	ug/L	2.0	1.0	5/23/03	1:06	M.Schott	8270C	7625
Benzo(a)anthracene	ND	ug/L	2.0	1.0	5/23/03	1:06	M.Schott	8270C	7625
Benzo(a)pyrene	ND	ug/L	2.0	1.0	5/23/03	1:06	M.Schott	8270C	7625
Benzo(b)fluoranthene	ND	ug/L	2.0	1.0	5/23/03	1:06	M.Schott	8270C	7625
Benzo(k)fluoranthene	ND	ug/L	2.0	1.0	5/23/03	1:06	M.Schott	8270C	7625
Chrysene	ND	ug/L	2.0	1.0	5/23/03	1:06	M.Schott	8270C	7625
Dibenzo(a,h)anthracene	ND	ug/L	2.0	1.0	5/23/03	1:06	M.Schott	8270C	7625
Indeno(1,2,3-cd)pyrene	ND	ug/L	2.0	1.0	5/23/03	1:06	M.Schott	8270C	7625
Acenaphthylene	ND	ug/L	2.0	1.0	5/23/03	1:06	M.Schott	8270C	7625
Benzo(g,h,i)perylene	ND	ug/L	2.0	1.0	5/23/03	1:06	M.Schott	8270C	7625
Phenanthrene	ND	ug/L	2.0	1.0	5/23/03	1:06	M.Schott	8270C	7625
1-Methylnapthalene	ND	ug/L	2.0	1.0	5/23/03	1:06	M.Schott	8270C	7625
2-Methylnapthalene	ND	ug/L	2.0	1.0	5/23/03	1:06	M.Schott	8270C	7625
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	5/16/03	20:28	J.Haley	8260B	6267
Toluene	ND	ug/L	1.0	1.0	5/16/03	20:28	J.Haley	8260B	6267
Ethylbenzene	ND	ug/L	1.0	1.0	5/16/03	20:28	J.Haley	8260B	6267
Xylenes (Total)	ND	ug/L	1.0	1.0	5/16/03	20:28	J.Haley	8260B	6267
1,2-Dibromoethane	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75742
Sample ID: CEF-103-SMW09
Project: 04-41001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Naphthalene	ND	ug/L	5.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
Acetone	ND	ug/L	25.0	1.0	5/16/03	20:28	J.Haley	8260B	6267
Bromobenzene	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
Bromochloromethane	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
Bromoform	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
Bromomethane	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
2-Butanone	ND	ug/L	25.0	1.0	5/16/03	20:28	J.Haley	8260B	6267
n-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
sec-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
t-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
Carbon disulfide	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
Carbon tetrachloride	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
Chlorobenzene	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
Chloroethane	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
Chloroform	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
Chloromethane	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
2-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
4-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
Dibromochloromethane	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
Dibromomethane	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
1,1-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
1,2-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
1,1-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
1,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
1,3-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
2,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
1,1-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75742
Sample ID: CEF-103-SMW09
Project: 04-41001
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Hexachlorobutadiene	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
2-Hexanone	ND	ug/L	5.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
Isopropylbenzene	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
4-Isopropyltoluene	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
Methylene chloride	ND	ug/L	2.50	1.0	5/16/03	20:28	J.Haley	8260B	6267
n-Propylbenzene	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
Styrene	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
Tetrachloroethene	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
Trichloroethene	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	5/16/03	20:28	J.Haley	8260B	6267
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
Vinyl chloride	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
Bromodichloromethane	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
Trichlorofluoromethane	ND	ug/L	1.00	1.0	5/16/03	20:28	J.Haley	8260B	6267
METALS									
Lead	ND	ug/L	3.0	1.0	5/19/03	19:24	C.Johnson	6010B	5494

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	945. ml	1.0 ml	5/20/03		M. Ricke	3510/625
Fla Pro	1000 ml	2.0 ml	5/20/03		M. Ricke	FDNP

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75742
Sample ID: CEF-103-SMW09
Project: 04-41001
Page 4

Surrogate	% Recovery	Target Range
TPH Surr., O-Terphenyl	103.	82. - 142.
TPH Surr, C-35	74.	55. - 118.
VOA Surr 1,2-DCA-d4	107.	73. - 133.
VOA Surr Toluene-d8	110.	80. - 121.
VOA Surr, 4-BFB	107.	80. - 128.
VOA Surr, DBFM	91.	81. - 121.
BNA Surr-Nitrobenzene-d5	66.	40. - 127.
BNA Surr-2-Fluorobiphenyl	59.	42. - 113.
BNA Surr-Terphenyl-d14	34. #	41. - 129.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
Sample reprepped outside of holding time for PAH analysis, due to low surrogate recovery. Surrogates were within limits on the re-extraction and all PAH results were confirmed.

End of Sample Report.

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ANALYTICAL REPORT

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

Project: 04-41001
Project Name:
Sampler: J. YOUNG/K. BAER

Lab Number: 03-A75743
Sample ID: CEF-103-SMW10
Sample Type: Water
Site ID:

Date Collected: 5/13/03
Time Collected: 17:04
Date Received: 5/15/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TRPH	ND	ug/L	200.	1.0	5/23/03	9:35	L. Watson	FPRO	9980
Naphthalene	ND	ug/L	2.0	1.0	5/23/03	1:43	M.Schott	8270C	7625
Acenaphthene	ND	ug/L	2.0	1.0	5/23/03	1:43	M.Schott	8270C	7625
Anthracene	ND	ug/L	2.0	1.0	5/23/03	1:43	M.Schott	8270C	7625
Fluoranthene	ND	ug/L	2.0	1.0	5/23/03	1:43	M.Schott	8270C	7625
Fluorene	ND	ug/L	2.0	1.0	5/23/03	1:43	M.Schott	8270C	7625
Pyrene	ND	ug/L	2.0	1.0	5/23/03	1:43	M.Schott	8270C	7625
Benzo(a)anthracene	ND	ug/L	2.0	1.0	5/23/03	1:43	M.Schott	8270C	7625
Benzo(a)pyrene	ND	ug/L	2.0	1.0	5/23/03	1:43	M.Schott	8270C	7625
Benzo(b)fluoranthene	ND	ug/L	2.0	1.0	5/23/03	1:43	M.Schott	8270C	7625
Benzo(k)fluoranthene	ND	ug/L	2.0	1.0	5/23/03	1:43	M.Schott	8270C	7625
Chrysene	ND	ug/L	2.0	1.0	5/23/03	1:43	M.Schott	8270C	7625
Dibenzo(a,h)anthracene	ND	ug/L	2.0	1.0	5/23/03	1:43	M.Schott	8270C	7625
Indeno(1,2,3-cd)pyrene	ND	ug/L	2.0	1.0	5/23/03	1:43	M.Schott	8270C	7625
Acenaphthylene	ND	ug/L	2.0	1.0	5/23/03	1:43	M.Schott	8270C	7625
Benzo(g,h,i)perylene	ND	ug/L	2.0	1.0	5/23/03	1:43	M.Schott	8270C	7625
Phenanthrene	ND	ug/L	2.0	1.0	5/23/03	1:43	M.Schott	8270C	7625
1-Methylnapthalene	ND	ug/L	2.0	1.0	5/23/03	1:43	M.Schott	8270C	7625
2-Methylnapthalene	ND	ug/L	2.0	1.0	5/23/03	1:43	M.Schott	8270C	7625
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	5/16/03	20:57	J.Haley	8260B	6267
Toluene	ND	ug/L	1.0	1.0	5/16/03	20:57	J.Haley	8260B	6267
Ethylbenzene	ND	ug/L	1.0	1.0	5/16/03	20:57	J.Haley	8260B	6267
Xylenes (Total)	ND	ug/L	1.0	1.0	5/16/03	20:57	J.Haley	8260B	6267
1,2-Dibromoethane	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75743
Sample ID: CEF-103-SMW10
Project: 04-41001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Naphthalene	ND	ug/L	5.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
Acetone	ND	ug/L	25.0	1.0	5/16/03	20:57	J.Haley	8260B	6267
Bromobenzene	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
Bromochloromethane	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
Bromoform	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
Bromomethane	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
2-Butanone	ND	ug/L	25.0	1.0	5/16/03	20:57	J.Haley	8260B	6267
n-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
sec-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
t-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
Carbon disulfide	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
Carbon tetrachloride	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
Chlorobenzene	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
Chloroethane	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
Chloroform	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
Chloromethane	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
2-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
4-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
Dibromochloromethane	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
Dibromomethane	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
1,1-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
1,2-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
1,1-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
1,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
1,3-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
2,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
1,1-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75743
Sample ID: CEF-103-SMW10
Project: 04-41001
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Hexachlorobutadiene	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
2-Hexanone	ND	ug/L	5.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
Isopropylbenzene	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
4-Isopropyltoluene	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
Methylene chloride	ND	ug/L	2.50	1.0	5/16/03	20:57	J.Haley	8260B	6267
n-Propylbenzene	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
Styrene	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
Tetrachloroethene	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
Trichloroethene	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	5/16/03	20:57	J.Haley	8260B	6267
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
Vinyl chloride	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
Bromodichloromethane	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
Trichlorofluoromethane	ND	ug/L	1.00	1.0	5/16/03	20:57	J.Haley	8260B	6267
METALS									
Lead	ND	ug/L	3.0	1.0	5/19/03	19:24	C.Johnson	6010B	5494

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	940. ml	1.0 ml	5/20/03		M. Ricke	3510/625
Fla Pro	1000 ml	2.0 ml	5/20/03		M. Ricke	FDEP

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75743
Sample ID: CEF-103-SMW10
Project: 04-41001
Page 4

Surrogate	% Recovery	Target Range
TPH Surr., O-Terphenyl	39. #	82. - 142.
TPH Surr, C-35	25. #	55. - 118.
VOA Surr 1,2-DCA-d4	108.	73. - 133.
VOA Surr Toluene-d8	102.	80. - 121.
VOA Surr, 4-BFB	108.	80. - 128.
VOA Surr, DBFM	92.	81. - 121.
BNA Surr-Nitrobenzene-d5	62.	40. - 127.
BNA Surr-2-Fluorobiphenyl	60.	42. - 113.
BNA Surr-Terphenyl-d14	31. #	41. - 129.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
Sample reprepped outside of holding time for PAH analysis, due to low surrogate recovery. Surrogates were within limits on the re-extraction and all PAH results were confirmed.
Florida Pro surrogates were outside QC limits. The sample re-extracted outside of holding to confirm results. The re-extract surrogates were within QC limits and the sample result was < 200 ug/l.

End of Sample Report.

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ANALYTICAL REPORT

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

Project: 04-41001
Project Name:
Sampler: J. YOUNG/K. BAER

Lab Number: 03-A75744
Sample ID: CEF-103-SMW11
Sample Type: Water
Site ID:

Date Collected: 5/14/03
Time Collected: 11:45
Date Received: 5/15/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TRPH	ND	ug/L	200.	1.0	5/23/03	9:55	L. Watson	FPRO	8980
Naphthalene	ND	ug/L	4.0	1.0	5/23/03	2:20	M.Schott	8270C	7625
Acenaphthene	ND	ug/L	4.0	1.0	5/23/03	2:20	M.Schott	8270C	7625
Anthracene	ND	ug/L	4.0	1.0	5/23/03	2:20	M.Schott	8270C	7625
Fluoranthene	ND	ug/L	4.0	1.0	5/23/03	2:20	M.Schott	8270C	7625
Fluorene	ND	ug/L	4.0	1.0	5/23/03	2:20	M.Schott	8270C	7625
Pyrene	ND	ug/L	4.0	1.0	5/23/03	2:20	M.Schott	8270C	7625
Benzo(a)anthracene	ND	ug/L	4.0	1.0	5/23/03	2:20	M.Schott	8270C	7625
Benzo(a)pyrene	ND	ug/L	4.0	1.0	5/23/03	2:20	M.Schott	8270C	7625
Benzo(b)fluoranthene	ND	ug/L	4.0	1.0	5/23/03	2:20	M.Schott	8270C	7625
Benzo(k)fluoranthene	ND	ug/L	4.0	1.0	5/23/03	2:20	M.Schott	8270C	7625
Chrysene	ND	ug/L	4.0	1.0	5/23/03	2:20	M.Schott	8270C	7625
Dibenzo(a,h)anthracene	ND	ug/L	4.0	1.0	5/23/03	2:20	M.Schott	8270C	7625
Indeno(1,2,3-cd)pyrene	ND	ug/L	4.0	1.0	5/23/03	2:20	M.Schott	8270C	7625
Acenaphthylene	ND	ug/L	4.0	1.0	5/23/03	2:20	M.Schott	8270C	7625
Benzo(g,h,i)perylene	ND	ug/L	4.0	1.0	5/23/03	2:20	M.Schott	8270C	7625
Phenanthrene	ND	ug/L	4.0	1.0	5/23/03	2:20	M.Schott	8270C	7625
1-Methylnapthalene	ND	ug/L	4.0	1.0	5/23/03	2:20	M.Schott	8270C	7625
2-Methylnapthalene	ND	ug/L	4.0	1.0	5/23/03	2:20	M.Schott	8270C	7625
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	5/16/03	21:27	J.Haley	8260B	6267
Toluene	ND	ug/L	1.0	1.0	5/16/03	21:27	J.Haley	8260B	6267
Ethylbenzene	ND	ug/L	1.0	1.0	5/16/03	21:27	J.Haley	8260B	6267
Xylenes (Total)	ND	ug/L	1.0	1.0	5/16/03	21:27	J.Haley	8260B	6267
1,2-Dibromoethane	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

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ANALYTICAL REPORT

Laboratory Number: 03-A75744
Sample ID: CEF-103-SMW11
Project: 04-41001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Naphthalene	ND	ug/L	5.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
Acetone	ND	ug/L	25.0	1.0	5/16/03	21:27	J.Haley	8260B	6267
Bromobenzene	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
Bromochloromethane	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
Bromoform	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
Bromomethane	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
2-Butanone	ND	ug/L	25.0	1.0	5/16/03	21:27	J.Haley	8260B	6267
n-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
sec-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
t-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
Carbon disulfide	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
Carbon tetrachloride	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
Chlorobenzene	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
Chloroethane	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
Chloroform	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
Chloromethane	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
2-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
4-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
Dibromochloromethane	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
Dibromomethane	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
1,1-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
1,2-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
1,1-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
1,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
1,3-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
2,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
1,1-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75744
Sample ID: CEF-103-SMW11
Project: 04-41001
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Hexachlorobutadiene	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
2-Hexanone	ND	ug/L	5.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
Isopropylbenzene	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
4-Isopropyltoluene	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
Methylene chloride	ND	ug/L	2.50	1.0	5/16/03	21:27	J.Haley	8260B	6267
n-Propylbenzene	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
Styrene	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
Tetrachloroethene	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
Trichloroethene	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	5/16/03	21:27	J.Haley	8260B	6267
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
Vinyl chloride	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
Bromodichloromethane	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
Trichlorofluoromethane	ND	ug/L	1.00	1.0	5/16/03	21:27	J.Haley	8260B	6267
METALS									
Lead	9.0	ug/L	3.0	1.0	5/19/03	19:24	C.Johnson	6010B	5494

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	500. ml	1.0 ml	5/20/03		M. Ricke	3510/625
Fla Pro	1000 ml	2.0 ml	5/20/03		M. Ricke	FDRP

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75744
Sample ID: CEF-103-SMW11
Project: 04-41001
Page 4

Surrogate	% Recovery	Target Range
TPH Surr., O-Terphenyl	25. #	82. - 142.
TPH Surr, C-35	14. #	55. - 118.
VOA Surr 1,2-DCA-d4	110.	73. - 133.
VOA Surr Toluene-d8	106.	80. - 121.
VOA Surr, 4-BFB	106.	80. - 128.
VOA Surr, DBFM	93.	81. - 121.
BNA Surr-Nitrobenzene-d5	59.	40. - 127.
BNA Surr-2-Fluorobiphenyl	47.	42. - 113.
BNA Surr-Terphenyl-d14	12. #	41. - 129.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
Sample reprepped outside of holding time for PAH analysis, due to low surrogate recovery. Surrogates were within limits on the re-extraction and all PAH results were confirmed.
Florida Pro surrogates were outside QC limits. The sample was re-extracted outside of holding time to confirm the original result. The re-extract surrogate recoveries were: o-terphenyl-57% and C-35 - 100%.
The result in the re-extract was 1700 ug/L.

End of Sample Report.

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ANALYTICAL REPORT

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

Project: 04-41001
Project Name:
Sampler: J. YOUNG/K. BAER

Lab Number: 03-A75745
Sample ID: CEF-103-SMW12
Sample Type: Water
Site ID:

Date Collected: 5/13/03
Time Collected: 11:05
Date Received: 5/15/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TRPH	ND	ug/L	200.	1.0	5/23/03	0:21	M.Jarrett	FPRO	9980
Naphthalene	ND	ug/L	2.0	1.0	5/23/03	2:56	M.Schott	8270C	7625
Acenaphthene	ND	ug/L	2.0	1.0	5/23/03	2:56	M.Schott	8270C	7625
Anthracene	ND	ug/L	2.0	1.0	5/23/03	2:56	M.Schott	8270C	7625
Fluoranthene	ND	ug/L	2.0	1.0	5/23/03	2:56	M.Schott	8270C	7625
Fluorene	ND	ug/L	2.0	1.0	5/23/03	2:56	M.Schott	8270C	7625
Pyrene	ND	ug/L	2.0	1.0	5/23/03	2:56	M.Schott	8270C	7625
Benzo(a)anthracene	ND	ug/L	2.0	1.0	5/23/03	2:56	M.Schott	8270C	7625
Benzo(a)pyrene	ND	ug/L	2.0	1.0	5/23/03	2:56	M.Schott	8270C	7625
Benzo(b)fluoranthene	ND	ug/L	2.0	1.0	5/23/03	2:56	M.Schott	8270C	7625
Benzo(k)fluoranthene	ND	ug/L	2.0	1.0	5/23/03	2:56	M.Schott	8270C	7625
Chrysene	ND	ug/L	2.0	1.0	5/23/03	2:56	M.Schott	8270C	7625
Dibenzo(a,h)anthracene	ND	ug/L	2.0	1.0	5/23/03	2:56	M.Schott	8270C	7625
Indeno(1,2,3-cd)pyrene	ND	ug/L	2.0	1.0	5/23/03	2:56	M.Schott	8270C	7625
Acenaphthylene	ND	ug/L	2.0	1.0	5/23/03	2:56	M.Schott	8270C	7625
Benzo(g,h,i)perylene	ND	ug/L	2.0	1.0	5/23/03	2:56	M.Schott	8270C	7625
Phenanthrene	ND	ug/L	2.0	1.0	5/23/03	2:56	M.Schott	8270C	7625
1-Methylnapthalene	ND	ug/L	2.0	1.0	5/23/03	2:56	M.Schott	8270C	7625
2-Methylnapthalene	ND	ug/L	2.0	1.0	5/23/03	2:56	M.Schott	8270C	7625
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	5/16/03	21:57	J.Haley	8260B	6267
Toluene	ND	ug/L	1.0	1.0	5/16/03	21:57	J.Haley	8260B	6267
Ethylbenzene	ND	ug/L	1.0	1.0	5/16/03	21:57	J.Haley	8260B	6267
Xylenes (Total)	ND	ug/L	1.0	1.0	5/16/03	21:57	J.Haley	8260B	6267
1,2-Dibromoethane	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75745
Sample ID: CEF-103-SMW12
Project: 04-41001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Naphthalene	ND	ug/L	5.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
Acetone	ND	ug/L	25.0	1.0	5/16/03	21:57	J.Haley	8260B	6267
Bromobenzene	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
Bromochloromethane	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
Bromoform	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
Bromomethane	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
2-Butanone	ND	ug/L	25.0	1.0	5/16/03	21:57	J.Haley	8260B	6267
n-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
sec-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
t-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
Carbon disulfide	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
Carbon tetrachloride	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
Chlorobenzene	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
Chloroethane	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
Chloroform	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
Chloromethane	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
2-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
4-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
Dibromochloromethane	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
Dibromomethane	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
1,1-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
1,2-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
1,1-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
1,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
1,3-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
2,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
1,1-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75745
Sample ID: CEF-103-SMW12
Project: 04-41001
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Hexachlorobutadiene	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
2-Hexanone	ND	ug/L	5.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
Isopropylbenzene	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
4-Isopropyltoluene	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
Methylene chloride	ND	ug/L	2.50	1.0	5/16/03	21:57	J.Haley	8260B	6267
n-Propylbenzene	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
Styrene	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
Tetrachloroethene	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
Trichloroethene	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	5/16/03	21:57	J.Haley	8260B	6267
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
Vinyl chloride	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
Bromodichloromethane	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
Trichlorofluoromethane	ND	ug/L	1.00	1.0	5/16/03	21:57	J.Haley	8260B	6267
METALS									
Lead	ND	ug/L	3.0	1.0	5/19/03	19:24	C.Johnson	6010B	5494

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	935. ml	1.0 ml	5/20/03		M. Ricke	3510/625
Fla Pro	1000 ml	2.0 ml	5/20/03		M. Ricke	FDEP

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75745
Sample ID: CEF-103-SMW12
Project: 04-41001
Page 4

Surrogate	% Recovery	Target Range
TPH Surr., O-Terphenyl	99.	82. - 142.
TPH Surr, C-35	39. #	55. - 118.
VOA Surr 1,2-DCA-d4	108.	73. - 133.
VOA Surr Toluene-d8	105.	80. - 121.
VOA Surr, 4-BFB	106.	80. - 128.
VOA Surr, DBFM	91.	81. - 121.
BNA Surr-Nitrobenzene-d5	70.	40. - 127.
BNA Surr-2-Fluorobiphenyl	60.	42. - 113.
BNA Surr-Terphenyl-d14	32. #	41. - 129.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
Sample reprepped outside of holding time for PAH analysis, due to low surrogate recovery. Surrogates were within limits on the re-extraction and all PAH results were confirmed.

End of Sample Report.

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ANALYTICAL REPORT

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

Project: 04-41001
Project Name:
Sampler: J. YOUNG/K. BAER

Lab Number: 03-A75746
Sample ID: CEF-103-DMW-01
Sample Type: Water
Site ID:

Date Collected: 5/14/03
Time Collected: 8:52
Date Received: 5/15/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TRPH	ND	ug/L	200.	1.0	5/23/03	0:41	M.Jarrett	FPRO	9980
Naphthalene	ND	ug/L	2.0	1.0	5/23/03	3:33	M.Schott	8270C	7625
Acenaphthene	ND	ug/L	2.0	1.0	5/23/03	3:33	M.Schott	8270C	7625
Anthracene	ND	ug/L	2.0	1.0	5/23/03	3:33	M.Schott	8270C	7625
Fluoranthene	ND	ug/L	2.0	1.0	5/23/03	3:33	M.Schott	8270C	7625
Fluorene	ND	ug/L	2.0	1.0	5/23/03	3:33	M.Schott	8270C	7625
Pyrene	ND	ug/L	2.0	1.0	5/23/03	3:33	M.Schott	8270C	7625
Benzo(a)anthracene	ND	ug/L	2.0	1.0	5/23/03	3:33	M.Schott	8270C	7625
Benzo(a)pyrene	ND	ug/L	2.0	1.0	5/23/03	3:33	M.Schott	8270C	7625
Benzo(b)fluoranthene	ND	ug/L	2.0	1.0	5/23/03	3:33	M.Schott	8270C	7625
Benzo(k)fluoranthene	ND	ug/L	2.0	1.0	5/23/03	3:33	M.Schott	8270C	7625
Chrysene	ND	ug/L	2.0	1.0	5/23/03	3:33	M.Schott	8270C	7625
Dibenzo(a,h)anthracene	ND	ug/L	2.0	1.0	5/23/03	3:33	M.Schott	8270C	7625
Indeno(1,2,3-cd)pyrene	ND	ug/L	2.0	1.0	5/23/03	3:33	M.Schott	8270C	7625
Acenaphthylene	ND	ug/L	2.0	1.0	5/23/03	3:33	M.Schott	8270C	7625
Benzo(g,h,i)perylene	ND	ug/L	2.0	1.0	5/23/03	3:33	M.Schott	8270C	7625
Phenanthrene	ND	ug/L	2.0	1.0	5/23/03	3:33	M.Schott	8270C	7625
1-Methylnapthalene	ND	ug/L	2.0	1.0	5/23/03	3:33	M.Schott	8270C	7625
2-Methylnapthalene	ND	ug/L	2.0	1.0	5/23/03	3:33	M.Schott	8270C	7625
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	5/16/03	22:27	J.Haley	8260B	6267
Toluene	ND	ug/L	1.0	1.0	5/16/03	22:27	J.Haley	8260B	6267
Ethylbenzene	ND	ug/L	1.0	1.0	5/16/03	22:27	J.Haley	8260B	6267
Xylenes (Total)	ND	ug/L	1.0	1.0	5/16/03	22:27	J.Haley	8260B	6267
1,2-Dibromoethane	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75746
Sample ID: CEF-103-DMW-01
Project: 04-41001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Naphthalene	ND	ug/L	5.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
Acetone	ND	ug/L	25.0	1.0	5/16/03	22:27	J.Haley	8260B	6267
Bromobenzene	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
Bromochloromethane	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
Bromoform	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
Bromomethane	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
2-Butanone	ND	ug/L	25.0	1.0	5/16/03	22:27	J.Haley	8260B	6267
n-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
sec-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
t-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
Carbon disulfide	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
Carbon tetrachloride	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
Chlorobenzene	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
Chloroethane	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
Chloroform	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
Chloromethane	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
2-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
4-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
Dibromochloromethane	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
Dibromomethane	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
1,1-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
1,2-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
1,1-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
1,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
1,3-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
2,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
1,1-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75746
Sample ID: CEF-103-DMW-01
Project: 04-41001
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Hexachlorobutadiene	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
2-Hexanone	ND	ug/L	5.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
Isopropylbenzene	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
4-Isopropyltoluene	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
Methylene chloride	ND	ug/L	2.50	1.0	5/16/03	22:27	J.Haley	8260B	6267
n-Propylbenzene	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
Styrene	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
Tetrachloroethene	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
Trichloroethene	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	5/16/03	22:27	J.Haley	8260B	6267
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
Vinyl chloride	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
Bromodichloromethane	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
Trichlorofluoromethane	ND	ug/L	1.00	1.0	5/16/03	22:27	J.Haley	8260B	6267
METALS									
Lead	5.0	ug/L	3.0	1.0	5/19/03	19:24	C.Johnson	6010B	5494

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	940. ml	1.0 ml	5/20/03		M. Ricks	3510/625
Fla Pro	1000 ml	2.0 ml	5/20/03		M. Ricks	FDEP

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75746
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Surrogate	% Recovery	Target Range
TPH Surr., O-Terphenyl	97.	82. - 142.
TPH Surr, C-35	86.	55. - 118.
VOA Surr 1,2-DCA-d4	108.	73. - 133.
VOA Surr Toluene-d8	109.	80. - 121.
VOA Surr, 4-BFB	108.	80. - 128.
VOA Surr, DBFM	92.	81. - 121.
BNA Surr-Nitrobenzene-d5	56.	40. - 127.
BNA Surr-2-Fluorobiphenyl	50.	42. - 113.
BNA Surr-Terphenyl-d14	34. #	41. - 129.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
Sample repreped outside of holding time for PAH analysis, due to low surrogate recovery. Surrogates were within limits on the re-extraction and all PAH results were confirmed.

End of Sample Report.

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ANALYTICAL REPORT

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

Project: 04-41001
Project Name:
Sampler: J. YOUNG/K. BAER

Lab Number: 03-A75747
Sample ID: EB-103RD STREET
Sample Type: Water
Site ID:

Date Collected: 5/13/03
Time Collected: 16:30
Date Received: 5/15/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TRPH	ND	ug/L	200.	1.0	5/23/03	1:01	M.Jarrett	FPRO	9980
Naphthalene	ND	ug/L	2.0	1.0	5/23/03	4:10	M.Schott	8270C	7625
Acenaphthene	ND	ug/L	2.0	1.0	5/23/03	4:10	M.Schott	8270C	7625
Anthracene	ND	ug/L	2.0	1.0	5/23/03	4:10	M.Schott	8270C	7625
Fluoranthene	ND	ug/L	2.0	1.0	5/23/03	4:10	M.Schott	8270C	7625
Fluorene	ND	ug/L	2.0	1.0	5/23/03	4:10	M.Schott	8270C	7625
Pyrene	ND	ug/L	2.0	1.0	5/23/03	4:10	M.Schott	8270C	7625
Benzo(a)anthracene	ND	ug/L	2.0	1.0	5/23/03	4:10	M.Schott	8270C	7625
Benzo(a)pyrene	ND	ug/L	2.0	1.0	5/23/03	4:10	M.Schott	8270C	7625
Benzo(b)fluoranthene	ND	ug/L	2.0	1.0	5/23/03	4:10	M.Schott	8270C	7625
Benzo(k)fluoranthene	ND	ug/L	2.0	1.0	5/23/03	4:10	M.Schott	8270C	7625
Chrysene	ND	ug/L	2.0	1.0	5/23/03	4:10	M.Schott	8270C	7625
Dibenzo(a,h)anthracene	ND	ug/L	2.0	1.0	5/23/03	4:10	M.Schott	8270C	7625
Indeno(1,2,3-cd)pyrene	ND	ug/L	2.0	1.0	5/23/03	4:10	M.Schott	8270C	7625
Acenaphthylene	ND	ug/L	2.0	1.0	5/23/03	4:10	M.Schott	8270C	7625
Benzo(g,h,i)perylene	ND	ug/L	2.0	1.0	5/23/03	4:10	M.Schott	8270C	7625
Phenanthrene	ND	ug/L	2.0	1.0	5/23/03	4:10	M.Schott	8270C	7625
1-Methylnapthalene	ND	ug/L	2.0	1.0	5/23/03	4:10	M.Schott	8270C	7625
2-Methylnapthalene	ND	ug/L	2.0	1.0	5/23/03	4:10	M.Schott	8270C	7625
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	5/16/03	15:59	J.Haley	8260B	6267
Toluene	ND	ug/L	1.0	1.0	5/16/03	15:59	J.Haley	8260B	6267
Ethylbenzene	ND	ug/L	1.0	1.0	5/16/03	15:59	J.Haley	8260B	6267
Xylenes (Total)	ND	ug/L	1.0	1.0	5/16/03	15:59	J.Haley	8260B	6267
1,2-Dibromoethane	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75747
Sample ID: EB-103RD STREET
Project: 04-41001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Naphthalene	ND	ug/L	5.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
Acetone	ND	ug/L	25.0	1.0	5/16/03	15:59	J.Haley	8260B	6267
Bromobenzene	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
Bromochloromethane	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
Bromoform	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
Bromomethane	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
2-Butanone	ND	ug/L	25.0	1.0	5/16/03	15:59	J.Haley	8260B	6267
n-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
sec-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
t-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
Carbon disulfide	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
Carbon tetrachloride	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
Chlorobenzene	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
Chloroethane	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
Chloroform	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
Chloromethane	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
2-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
4-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
Dibromochloromethane	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
Dibromomethane	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
1,1-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
1,2-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
1,1-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
1,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
1,3-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
2,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
1,1-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75747
Sample ID: EB-103RD STREET
Project: 04-41001
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Hexachlorobutadiene	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
2-Hexanone	ND	ug/L	5.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
Isopropylbenzene	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
4-Isopropyltoluene	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
Methylene chloride	ND	ug/L	2.50	1.0	5/16/03	15:59	J.Haley	8260B	6267
n-Propylbenzene	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
Styrene	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
Tetrachloroethene	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
Trichloroethene	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	5/16/03	15:59	J.Haley	8260B	6267
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
Vinyl chloride	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
Bromodichloromethane	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
Trichlorofluoromethane	ND	ug/L	1.00	1.0	5/16/03	15:59	J.Haley	8260B	6267
METALS									
Lead	ND	ug/L	3.0	1.0	5/19/03	19:24	C.Johnson	6010B	5494

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	950. ml	1.0 ml	5/20/03		M. Ricke	3510/625
Fla Pro	1000 ml	2.0 ml	5/20/03		M. Ricke	FDEP

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75747
Sample ID: EB-103RD STREET
Project: 04-41001
Page 4

Surrogate	% Recovery	Target Range
TPH Surr., O-Terphenyl	99.	82. - 142.
TPH Surr, C-35	54. #	59. - 118.
VOA Surr 1,2-DCA-d4	108.	73. - 133.
VOA Surr Toluene-d8	110.	80. - 121.
VOA Surr, 4-BFB	107.	80. - 128.
VOA Surr, DBFM	93.	81. - 121.
BNA Surr-Nitrobenzene-d5	47.	40. - 127.
BNA Surr-2-Fluorobiphenyl	49.	42. - 113.
BNA Surr-Terphenyl-d14	53.	41. - 129.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
Sample reprepped outside of holding time for PAH analysis, due to low surrogate recovery. Surrogates were within limits on the re-extraction and all PAH results were confirmed.

End of Sample Report.

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ANALYTICAL REPORT

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

Project: 04-41001
Project Name:
Sampler: J. YOUNG/K. BAER

Lab Number: 03-A75748
Sample ID: Trip Blank
Sample Type: Water
Site ID:

Date Collected:
Time Collected:
Date Received: 5/15/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	5/16/03	15:29	J.Haley	8260B	6267
Toluene	ND	ug/L	1.0	1.0	5/16/03	15:29	J.Haley	8260B	6267
Ethylbenzene	ND	ug/L	1.0	1.0	5/16/03	15:29	J.Haley	8260B	6267
Xylenes (Total)	ND	ug/L	1.0	1.0	5/16/03	15:29	J.Haley	8260B	6267
1,2-Dibromoethane	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
Naphthalene	ND	ug/L	5.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
Acetone	ND	ug/L	25.0	1.0	5/16/03	15:29	J.Haley	8260B	6267
Bromobenzene	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
Bromochloromethane	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
Bromoform	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
Bromomethane	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
2-Butanone	ND	ug/L	25.0	1.0	5/16/03	15:29	J.Haley	8260B	6267
n-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
sec-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
t-Butylbenzene	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
Carbon disulfide	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
Carbon tetrachloride	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
Chlorobenzene	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
Chloroethane	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
Chloroform	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
Chloromethane	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
2-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
4-Chlorotoluene	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
1,2-Dibromo-3-Chloropropane	ND	ug/L	5.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
Dibromochloromethane	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
Dibromomethane	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75748
Sample ID: Trip Blank
Project: 04-41001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
1,1-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
1,2-Dichloroethane	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
1,1-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
1,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
1,3-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
2,2-Dichloropropane	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
1,1-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
Hexachlorobutadiene	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
2-Hexanone	ND	ug/L	5.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
Isopropylbenzene	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
4-Isopropyltoluene	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
Methylene chloride	ND	ug/L	2.50	1.0	5/16/03	15:29	J.Haley	8260B	6267
n-Propylbenzene	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
Styrene	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
Tetrachloroethene	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
Trichloroethene	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	5/16/03	15:29	J.Haley	8260B	6267
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
Vinyl chloride	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267
Bromodichloromethane	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A75748
Sample ID: Trip Blank
Project: 04-41001
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Trichlorofluoromethane	ND	ug/L	1.00	1.0	5/16/03	15:29	J.Haley	8260B	6267

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	109.	73. - 133.
VOA Surr Toluene-d8	110.	80. - 121.
VOA Surr, 4-BFB	110.	80. - 128.
VOA Surr, DBFM	91.	81. - 121.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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PROJECT QUALITY CONTROL DATA
Project Number: 04-41001
Project Name:
Page: 1
Laboratory Receipt Date: 5/15/03

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
UST ANALYSIS								
TRPM	mg/l	< 0.100	0.331	0.430	77	39. - 150.	9980	BLANK
Naphthalene	mg/l	< 0.0010	0.0280	0.0500	56	32. - 101.	7625	blank
Naphthalene	mg/l	< 0.0010	0.0280	0.0500	56	32. - 101.	7625	blank
Acenaphthene	mg/l	< 0.0010	0.0350	0.0500	70	40. - 113.	7625	blank
Anthracene	mg/l	< 0.0010	0.0370	0.0500	74	48. - 122.	7625	blank
Fluoranthene	mg/l	< 0.0010	0.0370	0.0500	74	48. - 127.	7625	blank
Fluorene	mg/l	< 0.0010	0.0350	0.0500	70	45. - 120.	7625	blank
Pyrene	mg/l	< 0.0010	0.0380	0.0500	76	49. - 127.	7625	blank
Benzo(a)anthracene	mg/l	< 0.0010	0.0370	0.0500	74	49. - 126.	7625	blank
Benzo(a)pyrene	mg/l	< 0.0010	0.0360	0.0500	72	48. - 126.	7625	blank
Benzo(b)fluoranthene	mg/l	< 0.0010	0.0350	0.0500	70	45. - 127.	7625	blank
Benzo(k)fluoranthene	mg/l	< 0.0010	0.0380	0.0500	76	46. - 134.	7625	blank
Chrysene	mg/l	< 0.0010	0.0380	0.0500	76	48. - 126.	7625	blank
Dibenzo(a,h)anthracene	mg/l	< 0.0010	0.0410	0.0500	82	31. - 149.	7625	blank
Indeno(1,2,3-cd)pyrene	mg/l	< 0.0010	0.0400	0.0500	80	26. - 147.	7625	blank
Acenaphthylene	mg/l	< 0.0010	0.0350	0.0500	70	41. - 112.	7625	blank
Benzo(g,h,i)perylene	mg/l	< 0.0010	0.0400	0.0500	80	26. - 152.	7625	blank
Phenanthrene	mg/l	< 0.0010	0.0380	0.0500	76	47. - 122.	7625	blank
1-Methylnapthalene	mg/l	< 0.0070	< 0.0070	0.0500	N/A	33. - 121.	7625	blank
2-Methylnapthalene	mg/l	< 0.0010	0.0310	0.0500	62	33. - 112.	7625	blank

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 04-41001
Project Name:
Page: 2
Laboratory Receipt Date: 5/15/03

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
VOA PARAMETERS								
Benzene	mg/l	< 0.0010	0.0509	0.0500	102	78. - 132.	6267	03-A75734
Chlorobenzene	mg/l	< 0.00100	0.0482	0.0500	96	79. - 124.	6267	03-A75734
1,1-Dichloroethene	mg/l	< 0.00100	0.0465	0.0500	93	68. - 141.	6267	03-A75734
Toluene	mg/l	< 0.0010	0.0463	0.0500	93	77. - 134.	6267	03-A75734
Trichloroethene	mg/l	< 0.00100	0.0478	0.0500	96	73. - 137.	6267	03-A75734
Tetrachloroethene	mg/l	< 0.00100	0.0444	0.0500	89	72. - 136.	6267	03-A75734
VOA Surr 1,2-DCA-d4	% Rec				108	73. - 133.	6267	
VOA Surr Toluene-d8	% Rec				113	80. - 121.	6267	
VOA Surr, 4-BFB	% Rec				107	80. - 120.	6267	
VOA Surr, DBFM	% Rec				92	81. - 121.	6267	
BNA Surr-Nitrobenzene-d5	% Rec				63	40. - 127.	7625	
BNA Surr-2-Fluorobiphenyl	% Rec				65	42. - 113.	7625	
BNA Surr-Terphenyl-d14	% Rec				51	41. - 129.	7625	

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 04-41001
Project Name:
Page: 3
Laboratory Receipt Date: 5/15/03

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
METALS								
Lead	mg/l	< 0.0030	0.0560	0.0500	112	80 - 120	5491	Duplicate
Lead	mg/l	< 0.0030	0.0530	0.0500	106	80 - 120	5494	Duplicate

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
UST PARAMETERS						
TRPH	mg/l	0.331	0.335	1.20	41.	9980
Naphthalene	mg/l	0.0280	0.0290	3.51	44.	7625
Acenaphthene	mg/l	0.0350	0.0360	2.82	42.	7625
Anthracene	mg/l	0.0370	0.0360	2.74	35.	7625
Fluoranthene	mg/l	0.0370	0.0370	0.00	38.	7625
Fluorene	mg/l	0.0350	0.0370	5.56	38.	7625
Pyrene	mg/l	0.0380	0.0370	2.67	36.	7625
Benzo(a)anthracene	mg/l	0.0370	0.0370	0.00	37.	7625
Benzo(a)pyrene	mg/l	0.0360	0.0360	0.00	37.	7625
Benzo(b)fluoranthene	mg/l	0.0350	0.0340	2.90	38.	7625
Benzo(k)fluoranthene	mg/l	0.0380	0.0370	2.67	36.	7625
Chrysene	mg/l	0.0380	0.0370	2.67	38.	7625

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 04-41001
Project Name:
Page: 4
Laboratory Receipt Date: 5/15/03

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
Dibenzo(a,h)anthracene	mg/l	0.0410	0.0400	2.47	45.	7625
Indeno(1,2,3-cd)pyrene	mg/l	0.0400	0.0390	2.53	43.	7625
Acenaphthylene	mg/l	0.0350	0.0360	2.82	39.	7625
Benzo(g,h,i)perylene	mg/l	0.0400	0.0400	0.00	47.	7625
Phenanthrene	mg/l	0.0380	0.0360	5.41	38.	7625
1-Methylnapthalene	mg/l	< 0.0070	< 0.0070	N/A	49.	7625
2-Methylnapthalene	mg/l	0.0310	0.0310	0.00	43.	7625

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
VOA PARAMETERS						
Benzene	mg/l	0.0509	0.0499	1.98	15.	6267
Chlorobenzene	mg/l	0.0482	0.0477	1.04	16.	6267
1,1-Dichloroethene	mg/l	0.0465	0.0472	1.49	19.	6267
Toluene	mg/l	0.0463	0.0462	0.22	16.	6267
Trichloroethene	mg/l	0.0478	0.0472	1.26	20.	6267
Tetrachloroethene	mg/l	0.0444	0.0438	1.36	23.	6267
VOA Surr 1,2-DCA-d4	% Rec		108.			6267
VOA Surr Toluene-d8	% Rec		113.			6267
VOA Surr, 4-BFB	% Rec		106.			6267
VOA Surr, DBFM	% Rec		93.			6267
BNA Surr-Nitrobenzene-d5	% Rec		62.			7625
BNA Surr-2-Fluorobiphenyl	% Rec		69.			7625
BNA Surr-Terphenyl-d14	% Rec		42.			7625

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 04-41001
Project Name:
Page: 5
Laboratory Receipt Date: 5/15/03

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
METALS						
Lead	mg/l	0.0560	0.0550	1.80	20	5491
Lead	mg/l	0.0530	0.0540	1.87	20	5494

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
TRPH	mg/l	0.430	0.363	84	55 - 118	9980

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
Naphthalene	mg/l	0.0500	0.0290	58	32 - 101	7625
Acenaphthene	mg/l	0.0500	0.0360	72	40 - 113	7625
Anthracene	mg/l	0.0500	0.0350	70	48 - 122	7625
Fluoranthene	mg/l	0.0500	0.0350	70	48 - 127	7625
Fluorene	mg/l	0.0500	0.0360	72	45 - 120	7625
Pyrene	mg/l	0.0500	0.0340	68	49 - 127	7625
Benzo(a)anthracene	mg/l	0.0500	0.0330	66	43 - 126	7625
Benzo(a)pyrene	mg/l	0.0500	0.0320	64	48 - 126	7625
Benzo(b)fluoranthene	mg/l	0.0500	0.0310	62	45 - 127	7625
Benzo(k)fluoranthene	mg/l	0.0500	0.0330	66	46 - 134	7625
Chrysene	mg/l	0.0500	0.0330	66	48 - 126	7625
Dibenzo(a,h)anthracene	mg/l	0.0500	0.0350	70	31 - 149	7625

Project QC continued . . .

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Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Indeno(1,2,3-cd)pyrene	mg/l	0.0500	0.0350	70	26 - 147	7625
Acenaphthylene	mg/l	0.0500	0.0360	72	41 - 112	7625
Benzo(g,h,i)perylene	mg/l	0.0500	0.0350	70	26 - 152	7625
Phenanthrene	mg/l	0.0500	0.0370	74	47 - 122	7625
1-Methylnapthalene	mg/l	0.0500	< 0.0070	N/A	33 - 121	7625
2-Methylnapthalene	mg/l	0.0500	0.0330	66	33 - 112	7625

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
VOA PARAMETERS						
Acetone	mg/l	0.250	0.247	99	60 - 154	6267
Benzene	mg/l	0.0500	0.0632	126	78 - 127	6267
Bromobenzene	mg/l	0.0500	0.0527	105	80 - 120	6267
Bromochloromethane	mg/l	0.0500	0.0500	100	66 - 137	6267
Bromoform	mg/l	0.0500	0.0417	83	66 - 129	6267
Bromomethane	mg/l	0.0500	0.0626	125	47 - 163	6267
2-Butanone	mg/l	0.250	0.253	101	75 - 140	6267
n-Butylbenzene	mg/l	0.0500	0.0408	82	61 - 131	6267
sec-Butylbenzene	mg/l	0.0500	0.0397	79	72 - 124	6267
t-Butylbenzene	mg/l	0.0500	0.0414	83	74 - 123	6267
Carbon disulfide	mg/l	0.0500	0.0516	103	67 - 138	6267
Carbon tetrachloride	mg/l	0.0500	0.0557	111	69 - 132	6267
Chlorobenzene	mg/l	0.0500	0.0504	101	81 - 120	6267
Chloroethane	mg/l	0.0500	0.0570	114	65 - 134	6267
Chloroform	mg/l	0.0500	0.0501	100	77 - 125	6267
Chloromethane	mg/l	0.0500	0.0586	117	43 - 142	6267
2-Chlorotoluene	mg/l	0.0500	0.0477	95	76 - 126	6267
4-Chlorotoluene	mg/l	0.0500	0.0501	100	79 - 123	6267

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
1,2-Dibromo-3-chloropropane	mg/l	0.0500	0.0548	110	64 - 132	6267
Dibromochloromethane	mg/l	0.0500	0.0508	102	78 - 124	6267
1,2-Dibromoethane	mg/l	0.0500	0.0522	104	79 - 126	6267
Dibromomethane	mg/l	0.0500	0.0523	105	75 - 131	6267
1,2-Dichlorobenzene	mg/l	0.0500	0.0527	105	80 - 120	6267
1,3-Dichlorobenzene	mg/l	0.0500	0.0497	99	79 - 120	6267
1,4-Dichlorobenzene	mg/l	0.0500	0.0486	97	78 - 118	6267
Dichlorodifluoromethane	mg/l	0.0500	0.0680	136	45 - 149	6267
1,1-Dichloroethane	mg/l	0.0500	0.0504	101	73 - 128	6267
1,2-Dichloroethane	mg/l	0.0500	0.0610	122	71 - 135	6267
1,1-Dichloroethene	mg/l	0.0500	0.0496	99	72 - 128	6267
cis-1,2-Dichloroethene	mg/l	0.0500	0.0504	101	76 - 127	6267
trans-1,2-Dichloroethene	mg/l	0.0500	0.0503	101	71 - 131	6267
1,2-Dichloropropane	mg/l	0.0500	0.0504	101	75 - 127	6267
1,3-Dichloropropane	mg/l	0.0500	0.0521	104	81 - 128	6267
2,2-Dichloropropane	mg/l	0.0500	0.0454	91	45 - 145	6267
1,1-Dichloropropene	mg/l	0.0500	0.0567	113	76 - 127	6267
cis-1,3-Dichloropropene	mg/l	0.0500	0.0508	102	72 - 131	6267
trans-1,3-Dichloropropene	mg/l	0.0500	0.0516	103	69 - 131	6267
Ethylbenzene	mg/l	0.0500	0.0494	99	78 - 125	6267
Hexachlorobutadiene	mg/l	0.0500	0.0348	70	59 - 126	6267
2-Hexanone	mg/l	0.250	0.259	104	71 - 142	6267
Isopropylbenzene	mg/l	0.0500	0.0450	90	78 - 123	6267
4-Isopropyltoluene	mg/l	0.0500	0.0396	79	73 - 125	6267
4-Methyl-2-pentanone	mg/l	0.250	0.259	104	71 - 141	6267
Methylene chloride	mg/l	0.0500	0.0484	97	70 - 140	6267
Naphthalene	mg/l	0.0500	0.0566	113	52 - 140	6267
n-Propylbenzene	mg/l	0.0500	0.0474	95	75 - 125	6267
Styrene	mg/l	0.0500	0.0522	104	82 - 122	6267
1,1,1,2-Tetrachloroethane	mg/l	0.0500	0.0507	101	85 - 123	6267
1,1,2,2-Tetrachloroethane	mg/l	0.0500	0.0559	112	74 - 133	6267

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Tetrachloroethene	mg/l	0.0500	0.0445	89	76 - 123	6267
Toluene	mg/l	0.0500	0.0494	99	78 - 127	6267
1,2,3-Trichlorobenzene	mg/l	0.0500	0.0469	94	59 - 132	6267
1,2,4-Trichlorobenzene	mg/l	0.0500	0.0449	90	60 - 133	6267
1,1,1-Trichloroethane	mg/l	0.0500	0.0512	102	74 - 128	6267
1,1,2-Trichloroethane	mg/l	0.0500	0.0516	103	85 - 125	6267
Trichloroethene	mg/l	0.0500	0.0485	97	78 - 125	6267
1,2,3-Trichloropropane	mg/l	0.0500	0.0565	113	75 - 130	6267
1,2,4-Trimethylbenzene	mg/l	0.0500	0.0472	94	77 - 122	6267
1,3,5-Trimethylbenzene	mg/l	0.0500	0.0457	91	75 - 125	6267
Vinyl chloride	mg/l	0.0500	0.0593	119	61 - 140	6267
Xylenes (Total)	mg/l	0.150	0.148	99	77 - 126	6267
Bromodichloromethane	mg/l	0.0500	0.0514	103	79 - 126	6267
Trichlorofluoromethane	mg/l	0.0500	0.0537	107	60 - 140	6267
VOA Surr 1,2-DCA-d4	% Rec			132	73 - 133	6267
VOA Surr Toluene-d8	% Rec			114	80 - 121	6267
VOA Surr, 4-BFB	% Rec			106	80 - 128	6267
VOA Surr, DBFM	% Rec			119	81 - 121	6267
BNA Surr-Nitrobenzene-d5	% Rec			60	40 - 127	7625
BNA Surr-2-Fluorobiphenyl	% Rec			63	42 - 113	7625
BNA Surr-Terphenyl-d14	% Rec			32	41 - 129	7625

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
METALS						
Lead	mg/l	0.0500	0.0460	92	80 - 120	5491
Lead	mg/l	0.0500	0.0480	96	80 - 120	5494

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Continuing Calibration Verification

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch

METALS

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
TRPH	< 0.100	mg/l	8980	5/22/03	18:28
Naphthalene	< 0.0010	mg/l	7625	5/22/03	16:49
Acenaphthene	< 0.0010	mg/l	7625	5/22/03	16:49
Anthracene	< 0.0010	mg/l	7625	5/22/03	16:49
Fluoranthene	< 0.0010	mg/l	7625	5/22/03	16:49
Fluorene	< 0.0010	mg/l	7625	5/22/03	16:49
Pyrene	< 0.0010	mg/l	7625	5/22/03	16:49
Benzo(a)anthracene	< 0.0010	mg/l	7625	5/22/03	16:49
Benzo(a)pyrene	< 0.0010	mg/l	7625	5/22/03	16:49
Benzo(b)fluoranthene	< 0.0010	mg/l	7625	5/22/03	16:49
Benzo(k)fluoranthene	< 0.0010	mg/l	7625	5/22/03	16:49
Chrysene	< 0.0010	mg/l	7625	5/22/03	16:49
Dibenzo(a,h)anthracene	< 0.0010	mg/l	7625	5/22/03	16:49
Indeno(1,2,3-cd)pyrene	< 0.0010	mg/l	7625	5/22/03	16:49
Acenaphthylene	< 0.0010	mg/l	7625	5/22/03	16:49
Benzo(g,h,i)perylene	< 0.0010	mg/l	7625	5/22/03	16:49
Phenanthrene	< 0.0010	mg/l	7625	5/22/03	16:49
1-Methylnapthalene	< 0.0010	mg/l	7625	5/22/03	16:49
2-Methylnapthalene	< 0.0010	mg/l	7625	5/22/03	16:49

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Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
TPH Surr., O-Terphenyl	81.	% Recovery	9980	5/22/03	18:28
TPH Surr, C-35	44.	% Recovery	9980	5/22/03	18:28

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
VOA PARAMETERS					
Acetone	< 0.00470	mg/l	6267	5/16/03	15:00
Benzene	< 0.0005	mg/l	6267	5/16/03	15:00
Bromobenzene	< 0.00030	mg/l	6267	5/16/03	15:00
Bromochloromethane	< 0.00030	mg/l	6267	5/16/03	15:00
Bromoform	< 0.00060	mg/l	6267	5/16/03	15:00
Bromomethane	< 0.00060	mg/l	6267	5/16/03	15:00
2-Butanone	< 0.00310	mg/l	6267	5/16/03	15:00
n-Butylbenzene	< 0.00010	mg/l	6267	5/16/03	15:00
sec-Butylbenzene	< 0.00030	mg/l	6267	5/16/03	15:00
t-Butylbenzene	< 0.00030	mg/l	6267	5/16/03	15:00
Carbon disulfide	< 0.00020	mg/l	6267	5/16/03	15:00
Carbon tetrachloride	< 0.00040	mg/l	6267	5/16/03	15:00
Chlorobenzene	< 0.00020	mg/l	6267	5/16/03	15:00
Chloroethane	< 0.00100	mg/l	6267	5/16/03	15:00
Chloroform	< 0.00080	mg/l	6267	5/16/03	15:00
Chloromethane	< 0.00070	mg/l	6267	5/16/03	15:00
2-Chlorotoluene	< 0.00040	mg/l	6267	5/16/03	15:00
4-Chlorotoluene	< 0.00050	mg/l	6267	5/16/03	15:00
1,2-Dibromo-3-chloropropane	< 0.00070	mg/l	6267	5/16/03	15:00
Dibromochloromethane	< 0.00050	mg/l	6267	5/16/03	15:00

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Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
1,2-Dibromoethane	< 0.00040	mg/l	6267	5/16/03	15:00
Dibromomethane	< 0.00090	mg/l	6267	5/16/03	15:00
1,2-Dichlorobenzene	< 0.00020	mg/l	6267	5/16/03	15:00
1,3-Dichlorobenzene	< 0.00030	mg/l	6267	5/16/03	15:00
1,4-Dichlorobenzene	< 0.00040	mg/l	6267	5/16/03	15:00
Dichlorodifluoromethane	< 0.00050	mg/l	6267	5/16/03	15:00
1,1-Dichloroethane	< 0.00020	mg/l	6267	5/16/03	15:00
1,2-Dichloroethane	< 0.00060	mg/l	6267	5/16/03	15:00
1,1-Dichloroethene	< 0.00060	mg/l	6267	5/16/03	15:00
cis-1,2-Dichloroethene	< 0.00060	mg/l	6267	5/16/03	15:00
trans-1,2-Dichloroethene	< 0.00050	mg/l	6267	5/16/03	15:00
1,2-Dichloropropane	< 0.00040	mg/l	6267	5/16/03	15:00
1,3-Dichloropropane	< 0.00040	mg/l	6267	5/16/03	15:00
2,2-Dichloropropane	< 0.00040	mg/l	6267	5/16/03	15:00
1,1-Dichloropropene	< 0.00050	mg/l	6267	5/16/03	15:00
cis-1,3-Dichloropropene	< 0.00030	mg/l	6267	5/16/03	15:00
trans-1,3-Dichloropropene	< 0.00050	mg/l	6267	5/16/03	15:00
Ethylbenzene	< 0.0003	mg/l	6267	5/16/03	15:00
Hexachlorobutadiene	< 0.00080	mg/l	6267	5/16/03	15:00
2-Hexanone	< 0.00420	mg/l	6267	5/16/03	15:00
Isopropylbenzene	< 0.00040	mg/l	6267	5/16/03	15:00
4-Isopropyltoluene	< 0.00060	mg/l	6267	5/16/03	15:00
4-Methyl-2-pentanone	< 0.00490	mg/l	6267	5/16/03	15:00
Methylene chloride	< 0.00240	mg/l	6267	5/16/03	15:00
Naphthalene	< 0.00120	mg/l	6267	5/16/03	15:00
n-Propylbenzene	< 0.00030	mg/l	6267	5/16/03	15:00
Styrene	< 0.00040	mg/l	6267	5/16/03	15:00
1,1,1,2-Tetrachloroethane	< 0.00060	mg/l	6267	5/16/03	15:00
1,1,2,2-Tetrachloroethane	< 0.00040	mg/l	6267	5/16/03	15:00
Tetrachloroethene	< 0.00040	mg/l	6267	5/16/03	15:00
Toluene	< 0.0006	mg/l	6267	5/16/03	15:00

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Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
1,2,3-Trichlorobenzene	< 0.00100	mg/l	6267	5/16/03	15:00
1,2,4-Trichlorobenzene	< 0.00060	mg/l	6267	5/16/03	15:00
1,1,1-Trichloroethane	< 0.00070	mg/l	6267	5/16/03	15:00
1,1,2-Trichloroethane	< 0.00040	mg/l	6267	5/16/03	15:00
Trichloroethene	< 0.00040	mg/l	6267	5/16/03	15:00
1,2,3-Trichloropropane	< 0.00060	mg/l	6267	5/16/03	15:00
1,2,4-Trimethylbenzene	< 0.0003	mg/l	6267	5/16/03	15:00
1,3,5-Trimethylbenzene	< 0.00100	mg/l	6267	5/16/03	15:00
Vinyl chloride	< 0.00050	mg/l	6267	5/16/03	15:00
Xylenes (Total)	< 0.0009	mg/l	6267	5/16/03	15:00
Bromodichloromethane	< 0.00030	mg/l	6267	5/16/03	15:00
Trichlorofluoromethane	< 0.00040	mg/l	6267	5/16/03	15:00
VOA Surr 1,2-DCA-d4	110.	% Rec	6267	5/16/03	15:00
VOA Surr Toluene-d8	114.	% Rec	6267	5/16/03	15:00
VOA Surr, 4-BFB	108.	% Rec	6267	5/16/03	15:00
VOA Surr, DBFM	92.	% Rec	6267	5/16/03	15:00
BNA Surr-Nitrobenzene-d5	2.	% Rec	7625	5/22/03	16:49
BNA Surr-2-Fluorobiphenyl	28.	% Rec	7625	5/22/03	16:49
BNA Surr-Terphenyl-d14	61.	% Rec	7625	5/22/03	16:49

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
METALS					
Lead	< 0.0022	mg/l	5491	5/19/03	11:37
Lead	< 0.0022	mg/l	5494	5/19/03	19:24

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= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 332051