Piedmont Industrial Services, Inc.
4211-B Indiana Avenue
Winston Salem, NC 27105
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August 27, 2001

Ms. Cindy Rintoul
NCDENR-DWM
Winston-Salem Regional Office
585 Waughtown Street, Suite 100
Winston-Salem, North Carolina 27107-2241

Subject: **Monitoring and Assessment Report**
Exxon RAS # 4-3998
4701 W. Market Street
Greensboro, North Carolina
Groundwater Incident #10001
Site Rank: Intermediate
Land Use: Industrial/Commercial

Dear Ms. Rintoul:

On behalf of Exxon Mobil Corporation, Piedmont Industrial Services, Inc. and ERM are submitting the enclosed report for the above referenced site. Please note that written approval is requested in the report for future proposed corrective action at the site by September 30, 2001.

If you have any questions or require further information please contact James F. Medlin at (704) 529-4263.

Best Regards,
Piedmont Industrial Services, Inc.

for/

Tom Lennon, L.G.
Project Geologist

Enclosure
Copy: Mr. J. Frank Medlin - ExxonMobil
Mr. Bob Hood-Lee Moore Oil Company

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MONITORING AND ASSESSMENT REPORT
JANUARY 2001 THROUGH JULY 2001

Former Exxon RAS # 4-3998
4701 W. Market Street
Greensboro, North Carolina
Groundwater Incident # 10001

Prepared For:

Exxon Mobil Corporation
5601 77 Center Drive
Charlotte, North Carolina 28217-0735
(704) 529-4263

Date: August 27, 2001

Prepared By:

Jerry Prosser, P.G.
Project Manager

Tom Lennon, P.G.
Geologist

Environmental Resources Management
7300 Carmel Executive Park, Suite 200
Charlotte, NC 28226
(704) 541-8345

ERM

Piedmont Industrial Services, Inc.
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Introduction

Former Exxon RAS #4-3998, located at 4701 West Market Street, in Greensboro, North Carolina (see Figure 1). The original petroleum UST system at the site was closed by removal in 1991. Petroleum-affected soil and ground water were discovered at the time of the 1991 UST closure. A replacement UST system was installed in October 1991. The configuration of the pre-1991 and post-1991 UST systems is shown in Figure 2. The post-1991 UST system was owned and operated by Exxon, until June 1999, at which time ExxonMobil sold the subject property and the site USTs to Lee Moore Oil Company (LMOC). LMOC operated the site as a gasoline retail and maintenance facility until May 2001. LMOC closed the post-1991 gasoline UST system by removal on June 14, 2001.

An aquifer air sparge/soil vapor extraction (AAS/SVE) system was installed and operated at the site from the second quarter of 1996 through May 2001. The AAS/SVE system was installed to address the remediation of petroleum hydrocarbon compounds detected in soil and groundwater following the removal of the pre-1991 UST system. LMOC shutdown the AAS/SVE system in June 2001 by terminating electrical service to the system as part of the planned demolition and redevelopment of the site.

This report summarizes the results for the environmental monitoring and assessment activities completed at the site from January through August 2001.

Work Performed

The following monitoring and assessment activities were conducted during the current reporting period ranging from January though August 2001.

- Completion of a semi-annual groundwater monitoring event.
- Operation of the AAS/SVE treatment system.
- Closure of existing UST system by the current property owner (LMOC).
- Completion of a soil assessment of previously identified source areas associated with the pre-1991 UST system using risk-based analytical methods.
- Completion of a 24-hour Aggressive Vapor Fluid Recovery (AFVR) event for source area ground water remediation at MW-2.

Groundwater Sampling Event

The semi-annual groundwater sampling event was completed on June 7, 2001. The depth to water was gauged in all monitor wells to be sampled using an electronic water level probe. Gauging data are presented in Figure 3 and summarized in Table 1.

After recording the depth to groundwater measurements and prior to sample collection, the monitoring wells were purged by removing three standing volumes of water from each well, or until the well was bailed dry. New latex gloves were worn by the sampler and disposable plastic bailers were used during the collection of the groundwater samples. The groundwater samples

were decanted into laboratory supplied glassware, packed on ice and delivered to TestAmerica, Inc. under chain-of-custody protocol.

Laboratory analyses of the groundwater samples were conducted in accordance with the applicable risk-based analytical methods specified in the *NCDENR Division of Waste Management – UST Section Guidelines for Assessment and Corrective Action (4/2001).* Laboratory analytical results from analyses performed on the groundwater samples, along with North Carolina's groundwater quality standards (T15A 2L) and risk-based corrective action (RBCA) Gross Contamination Levels (GCLs), are summarized in Table 2. Copies of the laboratory analytical reports are included in Appendix A. Maximum ground water contaminant concentrations, based on the most recent ground water quality data available for the site are summarized below.

Compound	Maximum Concentration (ug/l)	T15A NCAC 2L Ground Water Standard (ug/l)	Gross Contamination level (ug/l)
VPH: C5-C8 Aliphatics	28,200	420	No GCL
VPH: C9-C12 Aliphatics	11,200	4,200	No GCL
VPH: C9-C10 Aromatics	2,590	210	No GCL
Benzene	**6,370**	1	5,000
Toluene	16,500	1,000	257,500
Ethylbenzene	1,900	29	29,000
Xylenes	12,000	530	87,500
MTBE	130	200	200,000
Isopropyl ether	4,920	70	70,000
1,2-Dichloroethane	92.3	0.38	380
1,1-Dichloroethane	2.2	0.7	1,560
Ethylene dibromide	34.2	0.0004	50
Lead	127	15	15,000

Results shown in bold exceed RBCA GCLs

Benzene was the only compound detected at the site above RBCA GCLs. However, the concentration of petroleum hydrocarbon compounds in ground water across the site continues to decline with time as shown in Figure 5. The extent of petroleum-affected groundwater, as indicated by the distribution of benzene in groundwater at the site, is presented in Figure 4.

AAS/SVE Remediation System Operation

The AAS/SVE system was in continuous operation from January through early June 2001. Remediation system operation and maintenance was performed monthly. A table of SVE emission analytical results is summarized in Table 3.

Operation of the AAS/SVE system was terminated in early June 2001 when LMOC disconnected the electrical service to the system as part of the UST removal activities. The sale and redevelopment of the property is expected to be completed in 2001. The property will be redeveloped as a Walgreen's drug store. Construction of the drug store will result in the destruction of the subsurface components of the AAS/SVE system. The proposed site configuration for the future Walgreen's drug store is depicted in Figure 6. The proposed building location will also cover the area of the site in the vicinity of well MW-2. Based on the current ground water quality data and the future development plans for the site, future active

remediation of soil and ground water using stationary equipment is not recommended at this time. Written approval from the Department for permanent shutdown of the existing AAS/SVE system is requested.

June 2001 UST Closure

On June 14, 2001, LMOC completed the closure by removal of all remaining USTs at the site. A summary of the closure activities was present to NCDENR in a UST Closure Report (Marshall Miller and Associates, Inc., 7/6/01). Copies of the relevant tables and figures summarizing the results of the closure assessment are contained in Appendix B. As indicated in Table 1 of the UST closure report, only one soil sample (T1-A) contained petroleum compounds in excess of soil-to-ground water Maximum Soil Contaminant Concentrations (MSCCs). No compounds were detected in concentrations above applicable Industrial/Commercial MSCCs. Industrial/commercial MSCCs will be the applicable RBCA soil cleanup levels for the site when the site can be reclassified as Low Risk.

ExxonMobil understands that the Department considers the elevated TPH data in the T1-A soil sample to be associated with the existing ground water incident at the site (#10001). For this reason, a new ground water incident will not be established on the basis of the June 2001 UST closure soil quality data. ExxonMobil plans to evaluate the horizontal and vertical extent of the petroleum-affected soil at the T1-A location by sampling up to five Geoprobe soil borings. One soil sample will be collected from each of the four perimeter borings, and one source area soil sample will be collected at a depth of 20 feet BGL at the T1-A location. The depth to ground water at the T1-A is approximately 22 feet BGL. All soil samples will be analyzed using the NCDENR UST RBCA program analytical methods for gasoline range petroleum hydrocarbons.

AFVR Event

On July 17, 2001 an AFVR event was conducted using monitor well MW-2 for ground water extraction in an attempt to reduce concentration of benzene in groundwater in this area to a level below the RBCA GCL of 5,000 ug/l. The AFVR event was conducted for a period of 23 hours. A total of 1,244 gallons of groundwater was recovered from MW-2 during the AFVR event. The equivalent of 5 gallons of gasoline range petroleum hydrocarbons were removed in vapor phase based on the AFVR mass removal calculations. AFVR calculations and material disposal manifests for the AFVR event are included in Appendix C.

On July 25, 2001, a groundwater sample was collected from monitor well MW-2. As indicated in Table 2, petroleum hydrocarbon concentrations in well MW-2 declined slightly as a result of the July 17, 2001 AFVR event. However, benzene was still detected above the GCL in the collected sample (6,370 ug/l). Additional source area ground water remediation using AFVR, or other methods of mobile dual-phase extraction, is recommended. Overdrilling of MW-2 for the installation of a larger diameter well is also recommended to expedite and enhance the effectiveness of the proposed source area ground water remediation. The proposed ground water remediation must be completed prior to the planned construction of the Walgreen's drug store while the area of concern is still accessible.

Risk-Based Soil Assessment

On July 17, 2001 a Geoprobe soil assessment was completed in the vicinity of the pre-1991 UST system release source areas. The purpose of the assessment was to conduct additional source area soil sampling using RBCA analytical methods. To complete the assessment, a total of nine borings were installed in the former UST basin and line locations that exhibited elevated TPH concentrations (>10 ppm) in 1991. The 1991 UST closure soil sample locations are depicted in Figure 7.

A total of 10 soil samples collected during the 1991 UST closure assessment exhibited TPH concentrations above 10 ppm. With the exception of 1991 soil sample Dispenser-2, a boring was installed in each of the 1991 soil sample locations that exhibited a TPH concentration above 10 ppm (see Figure 8). Soil samples in the vicinity of sample Dispenser-2 (ID#'s D2 and D4) were collected and analyzed using RBCA analytical methods as part of the LMOC UST closure assessment (see Table 1 in Appendix B).

Soil samples were collected in native soils located immediately beneath backfill materials in the former UST basin and line locations. New latex gloves were worn by the sampler during the collection of each of the soil samples. All of samples were collected using laboratory supplied EnCore® sample containers. The collected samples were packed on ice and delivered to Test America, Inc. under chain-of-custody protocol. Laboratory analyses of the soil samples were conducted in accordance with the applicable RBCA analytical methods as specified in *NCDENR Division of Waste Management – UST Section Guidelines for Assessment and Corrective Action (4/2001).*

Laboratory analysis of the July 2001 Geoprobe soil samples indicated that analyzed compounds in the site soils do not exceed applicable Industrial/Commercial MSCCs. The July 2001 soil quality data are summarized in Table 5. A copy of the laboratory analytical report is included in Appendix A. Based on the July 2001 soil analytical results, no additional assessment or remediation of soil quality at the pre-1991 UST system source areas is recommended.

Conclusions and Recommendations

The objective of the assessment and remediation activities that were conducted during the reporting period was to reduce the risk classification of the site prior to the planned redevelopment of the property in 2001. Key areas of the site will become inaccessible under the current property redevelopment plan. Assessment and remediation activities conducted during the reporting period included the following:

- Completion of a semi-annual groundwater monitoring event.
- Operation of the AAS/SVE treatment system.
- Closure of existing UST system by the current property owner (LMOC).
- Completion of a soil assessment of previously identified source areas associated with the pre-1991 UST system using RBCA analytical methods.

- Completion of a 23-hour Aggressive Vapor Fluid Recovery (AFVR) event for source area ground water remediation in the vicinity of MW-2.

Results

The results and conclusions of the assessment and remediation activities completed during the reporting period include:

- Petroleum hydrocarbon concentrations in ground water at the site continue to decline with time.
- The concentration of benzene in monitor well MW-2 exceeds the RBCA GCL of 5,000 ug/l. The site will meet the criteria for classification as a Low Risk site and be eligible for RBCA site closure upon achieving the reduction of benzene in MW-2 below this level.
- The AAS/SVE was shutdown by the Lee Moore Oil Company as part of the site demolition and redevelopment activities.
- The MW-2 AFVR source area ground water remediation event resulted in a minor reduction in the concentration of benzene in MW-2. The benzene GCL of 5,000 ug/l is still exceeded in this well.
- Elevated concentrations of petroleum hydrocarbons were documented in one soil sample collected beneath the UST field during the June 2001 UST closure activities. The affected soil documented by this sample is considered to be associated with the existing ground water incident at the site.
- Laboratory analysis of the July 2001 Geoprobe soil samples collected at the previously identified pre-1991 UST system release source areas did not indicate the presence of analyzed compounds in concentrations above applicable Industrial/Commercial MSCCs.

Recommendations

The objective of the recommendations listed below is to reduce the risk classification of the site to Low Risk and obtain site closure for ground water incident #10001. Activities recommended for completion in 2001 prior the planned redevelopment of the site include:

- Additional source area ground water remediation at MW-2 using AFVR or other methods of mobile dual-phase extraction is recommended. Overdrilling of MW-2 and installation of a larger diameter (4-inch diameter) well is also recommended to expedite and enhance the effectiveness of the proposed source area ground water remediation. Re-sampling of MW-2, or its replacement, is recommended prior to abandonment of the well.

  If the benzene concentration in MW-2 cannot be reduced below 5,000 ug/l prior to redevelopment of the site, injection of Regenesis Oxygen Reducing Compound (ORC) into MW-2 prior to the abandonment of the well is recommended to further remediate ground water in this area. A replacement monitor well for MW-2 will be installed as close as possible to the current MW-2 location, but outside the building footprint. Analytical results of ground water samples collected from the MW-2 replacement well

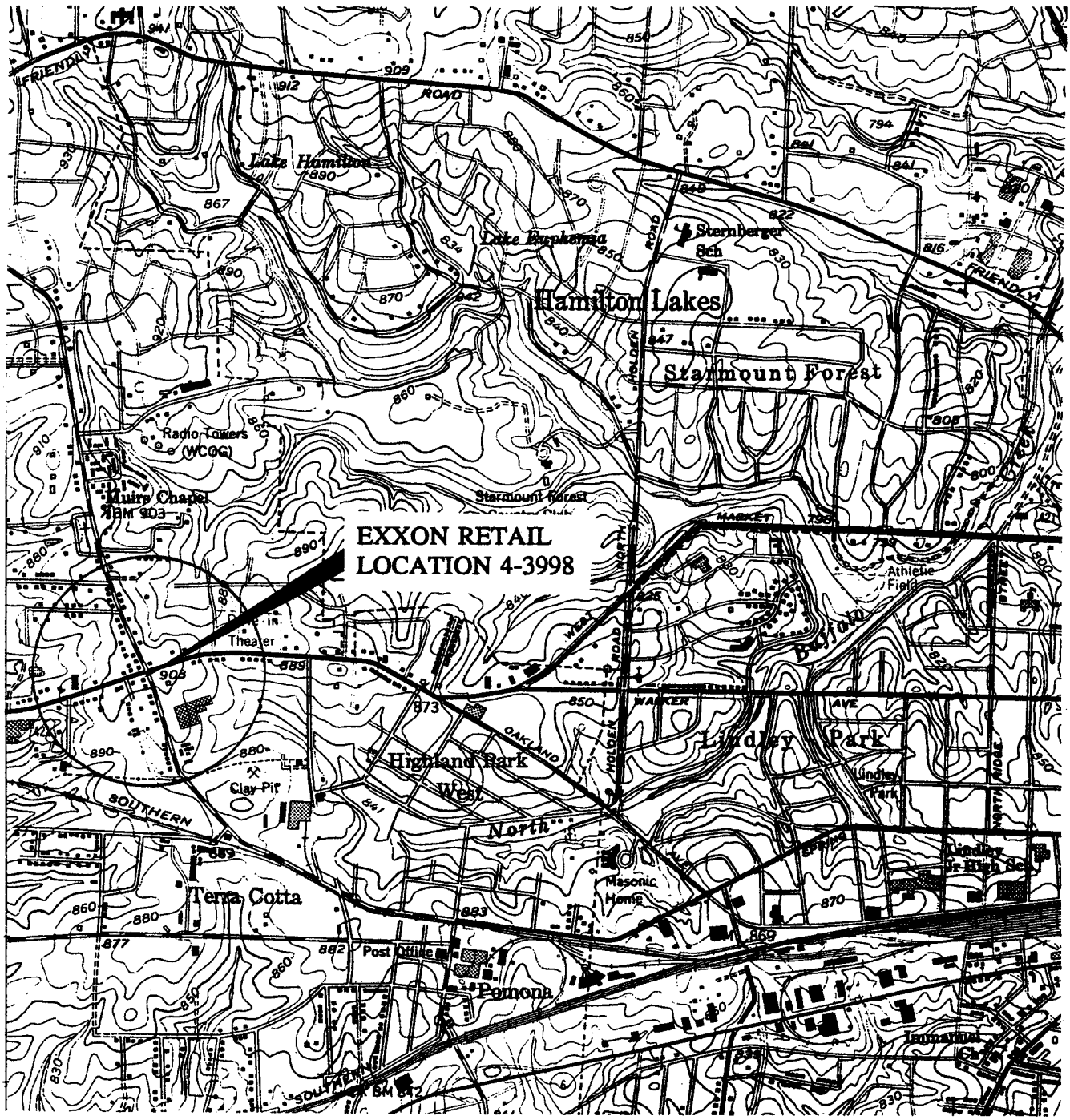
would then become the basis for evaluating the risk classification of the site following the redevelopment of the site.

If the recommended corrective action for remediation of affected ground water at MW-2 is not approved, a replacement well will be installed and sampled as described in the preceding paragraph. Re-installation of the AAS/SVE system may be required to meet the corrective action objective of reducing the risk classification of the site.

- Based on the current ground water quality data and the future development plans for the site, future active remediation of soil and ground water using stationary equipment is not recommended at this time. Written approval from the Department for permanent shutdown of the existing AAS/SVE system is requested. Underground AAS/SVE system components will be properly abandoned upon receipt of approval for permanent shutdown of the system.
- Additional soil assessment at the recently closed UST field as follow-up to the June 2001 UST closure soil sampling results is recommended. Collection of one soil sample from of up to four perimeter Geoprobe borings and one source area Geoprobe boring is proposed.
- Based on the July 2001 soil assessment results, no additional assessment or remediation of soil quality at the pre-1991 UST system source areas is recommended.

Due to the planned site demolition and redevelopment activities of the site, written approval from the Department by September 30, 2001 is requested for the recommended soil assessment and ground water remediation activities.

Neil Burdow
378-5421



SOURCE: GREENSBORO, NC 7.5 MINUTE U.S.G.S. TOPOGRAPHIC QUADRANGLE, 1951 (PHOTOREVISED 1968)

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SCALE IN FEET

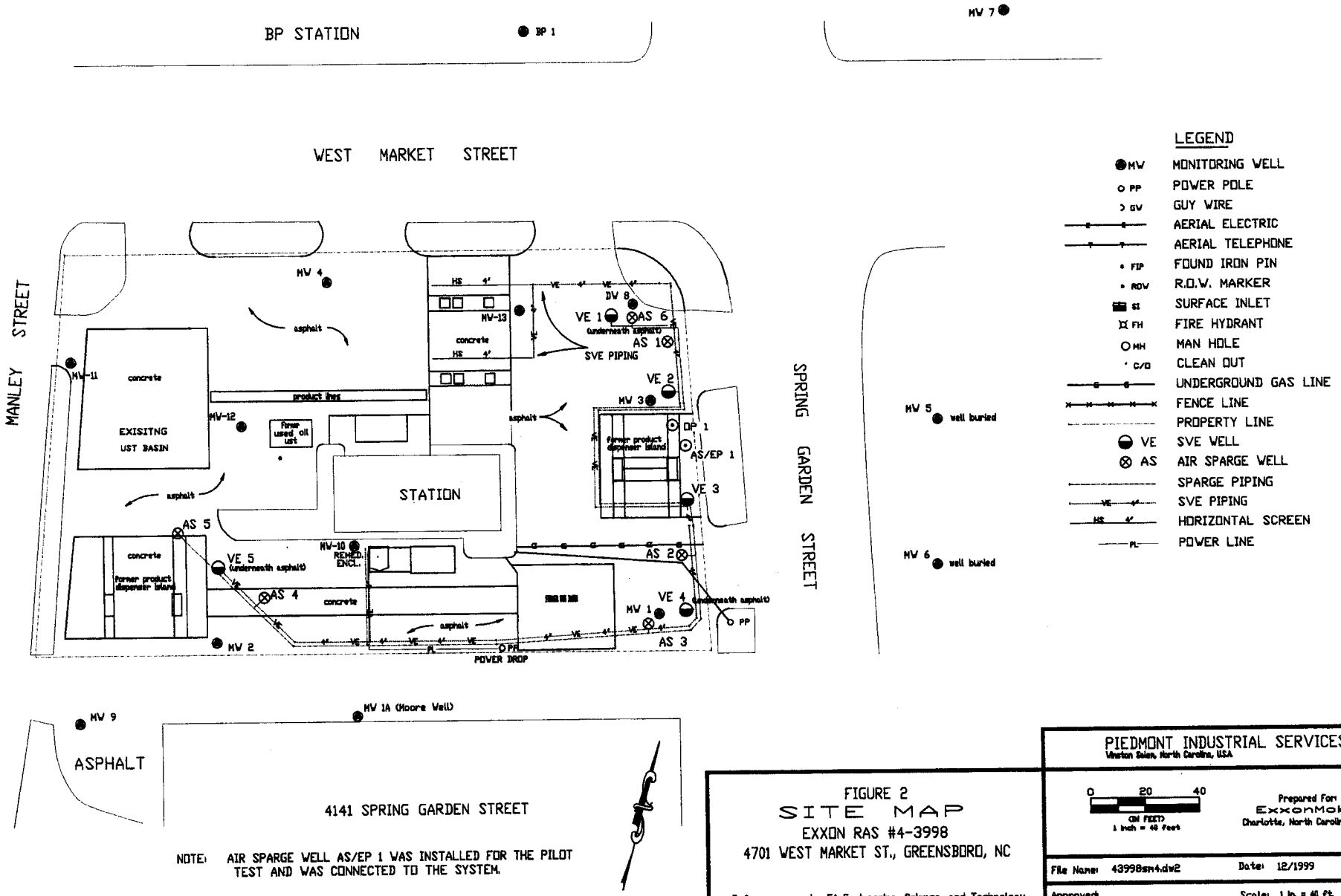
0 2000

ERM-Southeast, Inc.
CHARLOTTE, NORTH CAROLINA

ERM

SITE LOCATION MAP
EXXON COMPANY, U.S.A.
RETAIL LOCATION 4-3998
GREENSBORO, NORTH CAROLINA

FIGURE 1



NOTE: AIR SPARGE WELL AS/EP 1 WAS INSTALLED FOR THE PILOT TEST AND WAS CONNECTED TO THE SYSTEM.

FIGURE 2
SITE MAP
EXXON RAS #4-3998
4701 WEST MARKET ST., GREENSBORO, NC

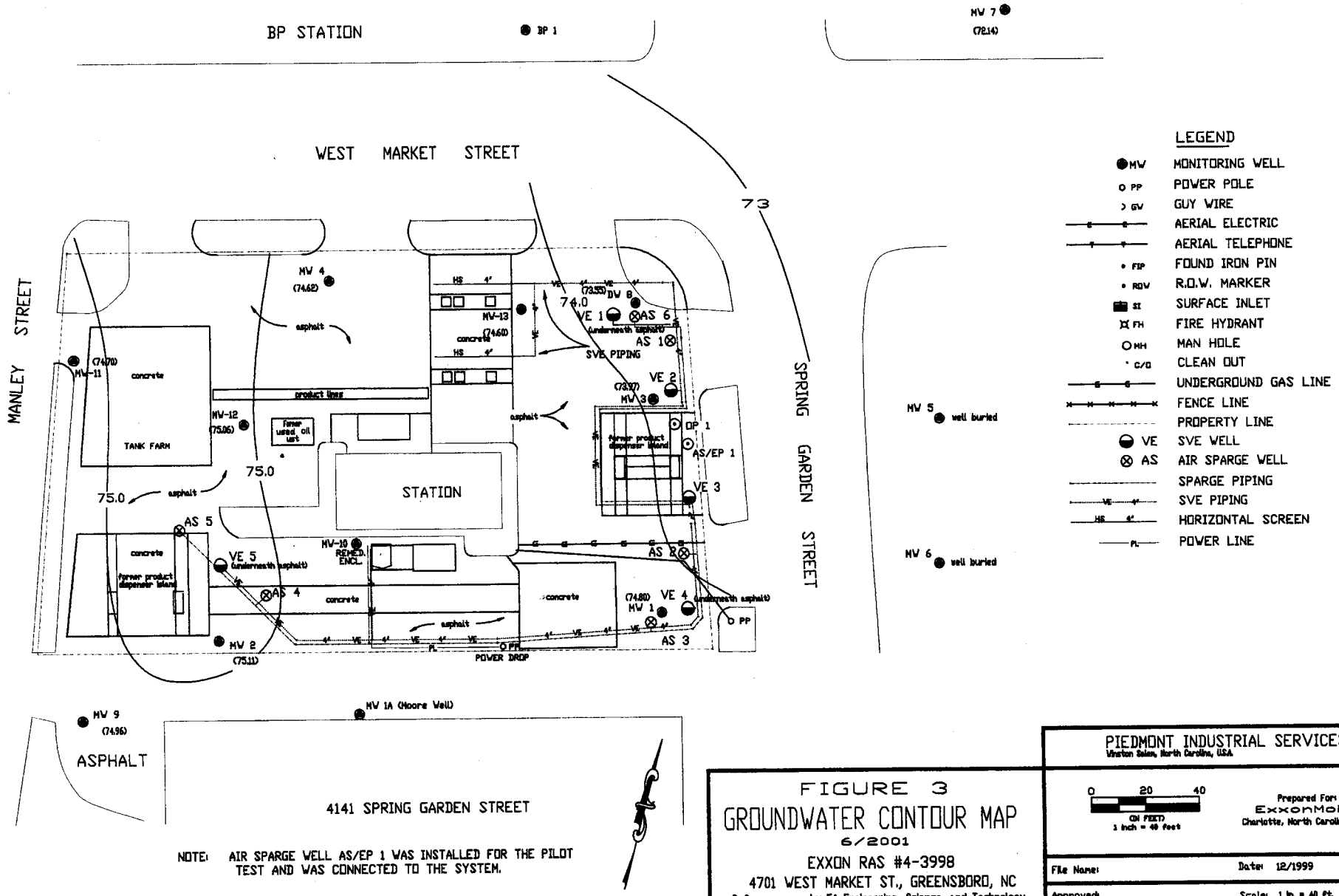
Reference map by EA Engineering, Science, and Technology

PIEDMONT INDUSTRIAL SERVICES, INC.
Winston Salem, North Carolina, USA

0 20 40
(IN FEET)
1 inch = 40 feet

Prepared For:
ExxonMobil
Charlotte, North Carolina, USA

File Name: 43998sm4.dw2
Date: 12/1999
Approved:
Scale: 1 in. = 40 ft.



NOTE: AIR SPARGE WELL AS/EP 1 WAS INSTALLED FOR THE PILOT TEST AND WAS CONNECTED TO THE SYSTEM.

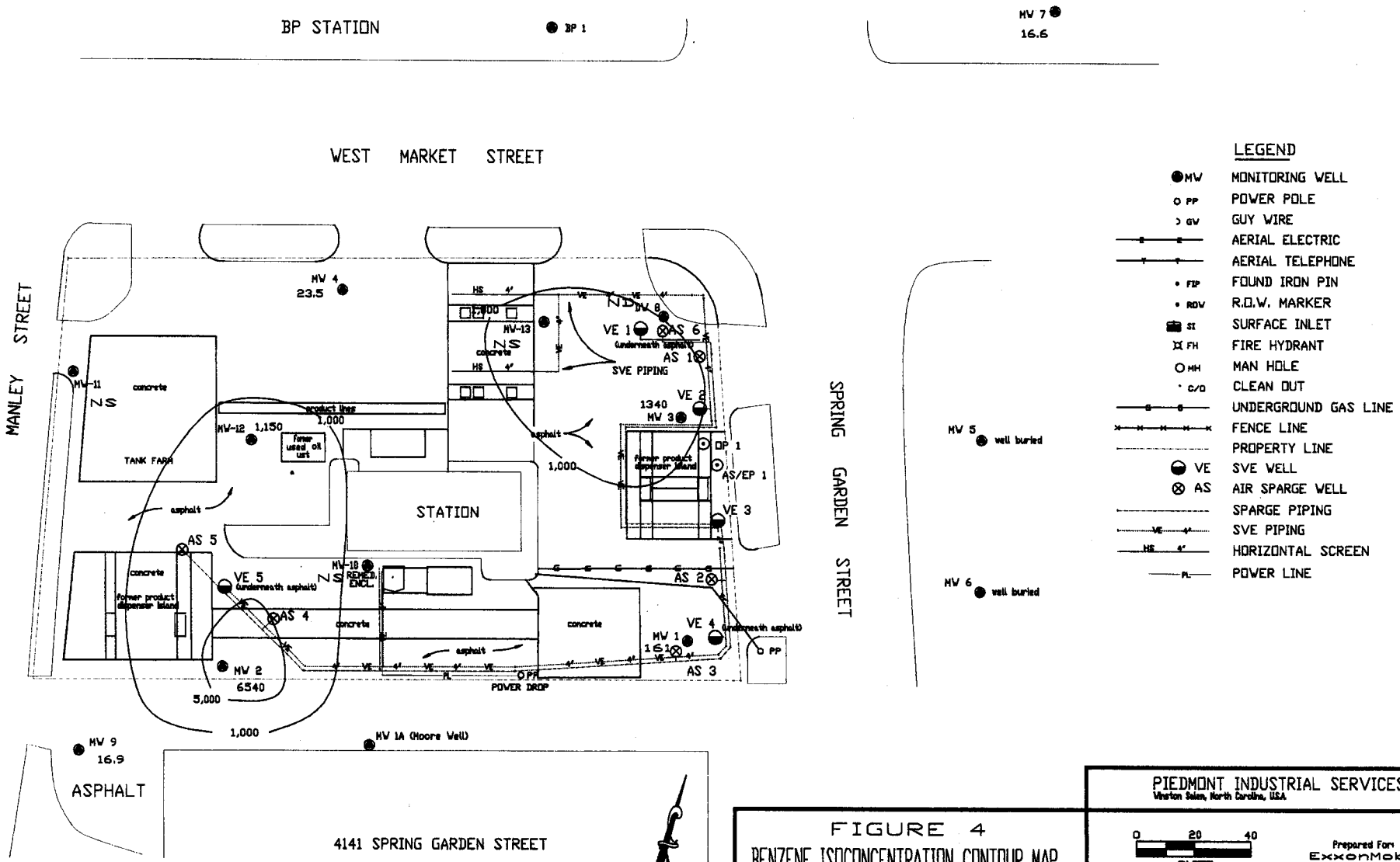
PIEDMONT INDUSTRIAL SERVICES, INC.
Winston Salem, North Carolina, U.S.A.

FIGURE 3
GROUNDWATER CONTOUR MAP
6/2001
EXXON RAS #4-3998
4701 WEST MARKET ST., GREENSBORO, NC
Reference map by EA Engineering, Science, and Technology

0 20 40
ON FEET
1 inch = 40 feet

Prepared For:
ExxonMobil
Charlotte, North Carolina, U.S.A.

File Name:	Date: 12/1999
Approved:	Scale: 1 in. = 40 ft.



NOTE: AIR SPARGE WELL AS/EP 1 WAS INSTALLED FOR THE PILOT TEST AND WAS CONNECTED TO THE SYSTEM.

FIGURE 4
BENZENE ISOCONCENTRATION CONTOUR MAP
6/2001

EXXON RAS #4-3998

4701 WEST MARKET ST., GREENSBORO, NC

Reference map by EA Engineering, Science, and Technology

PIEDMONT INDUSTRIAL SERVICES, INC.
Winston Salem, North Carolina, USA

0 20 40
(IN FEET)
1 inch = 40 feet

Prepared For:
ExxonMobil
Charlotte, North Carolina, USA

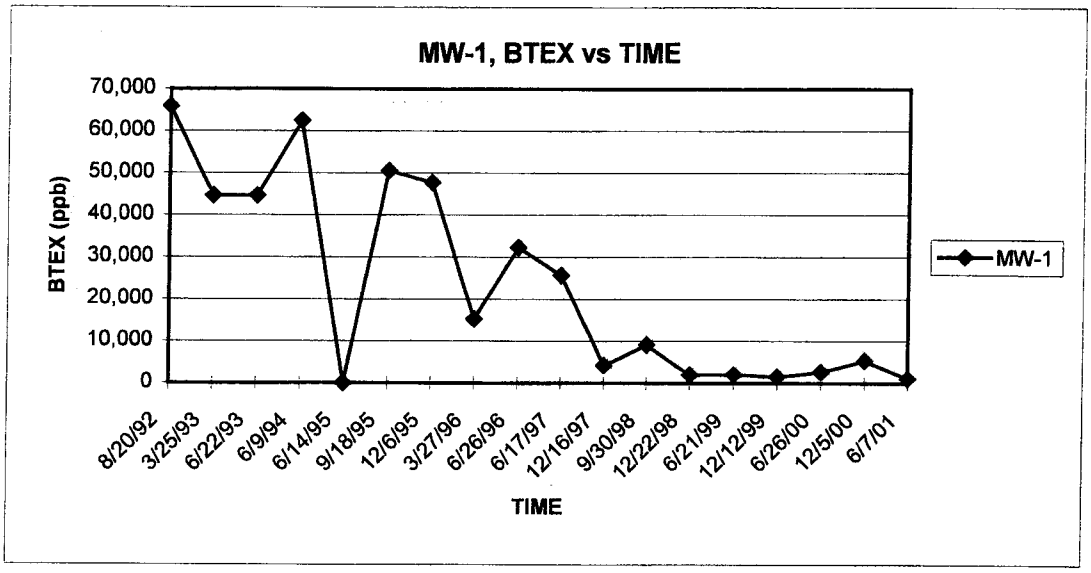
File Name:

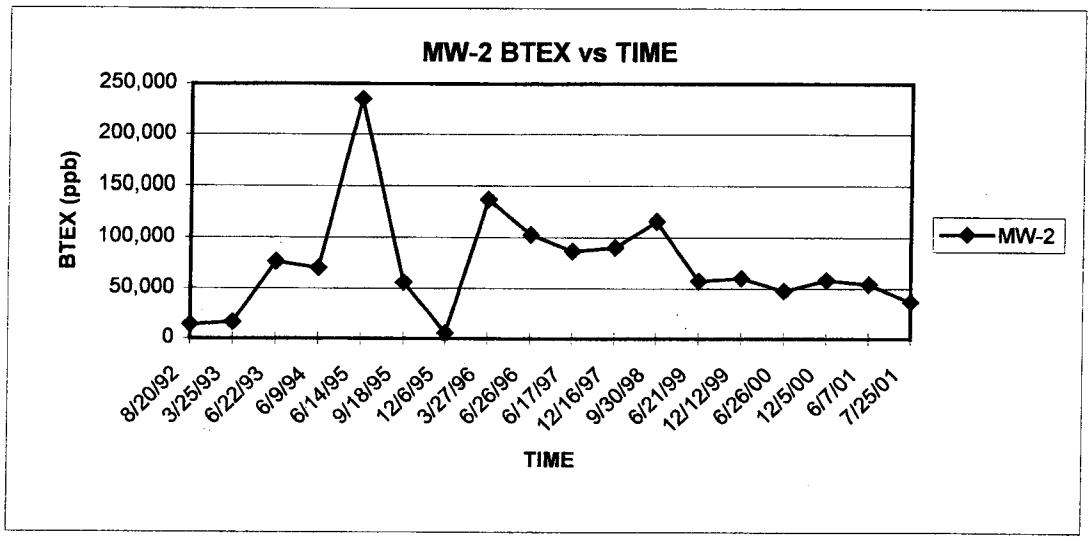
Date: 12/1999

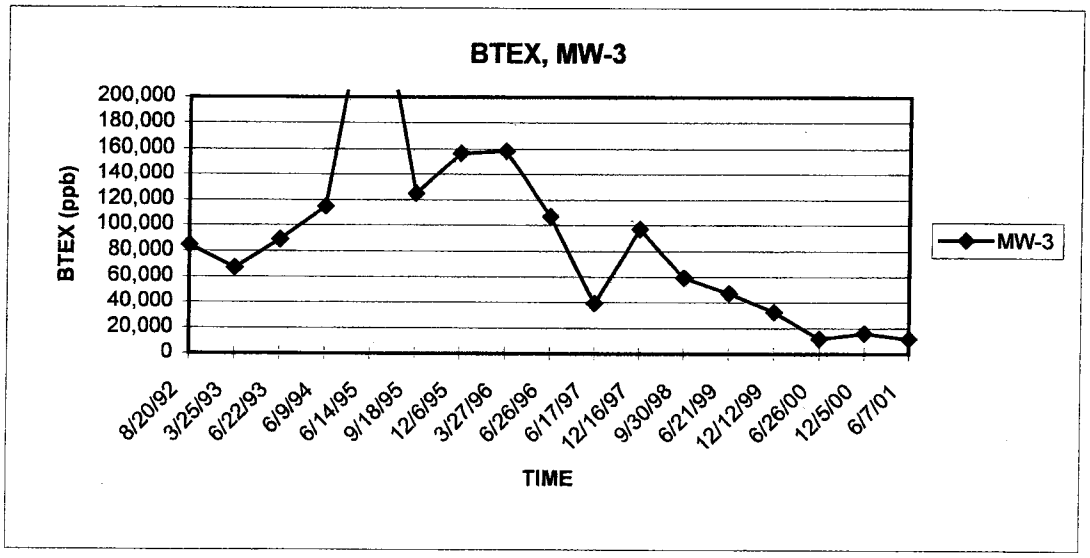
Approved:

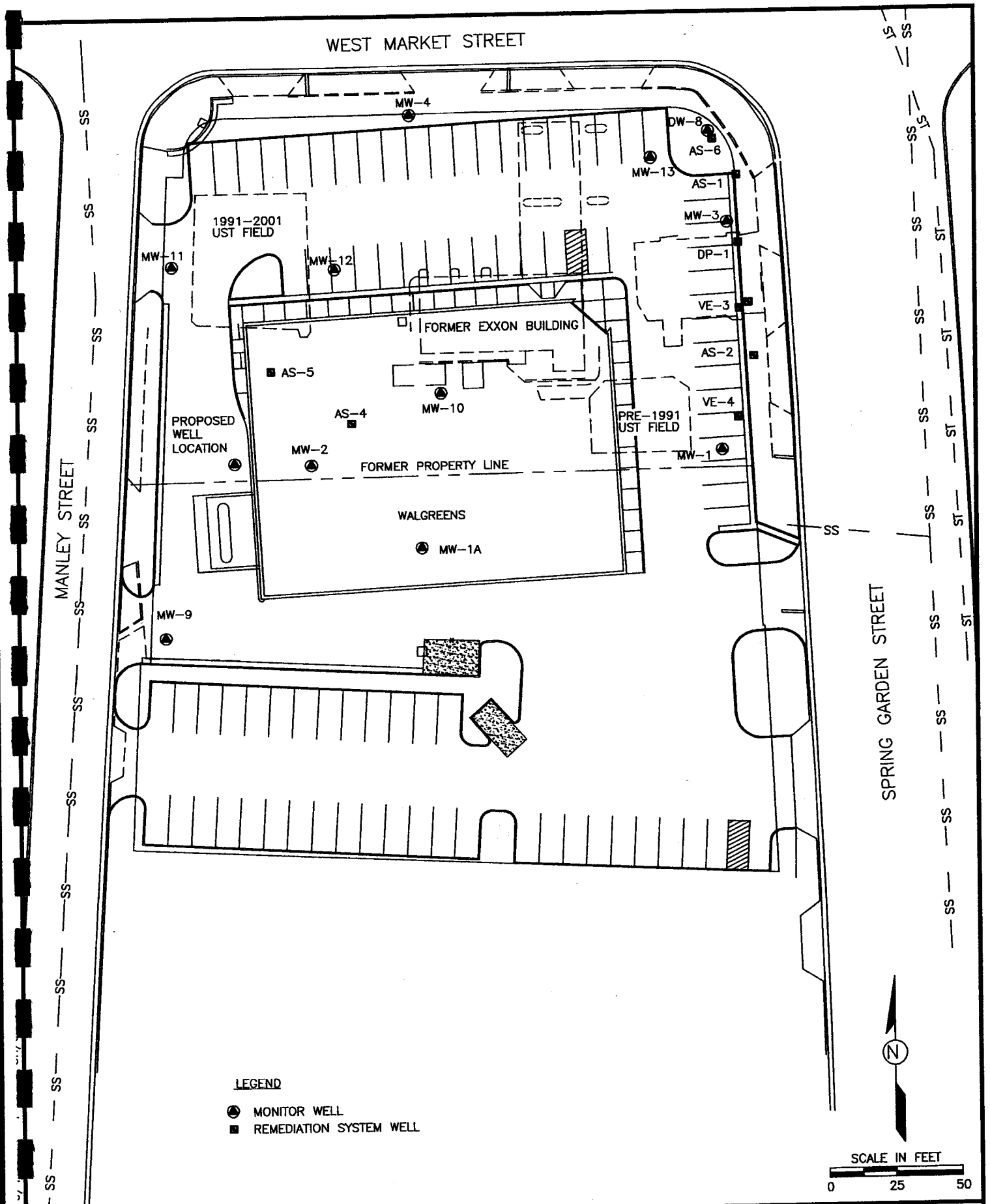
Scale: 1 in. = 40 ft.

FIGURE 5 - BTEX/GCL vs. Time Graphs





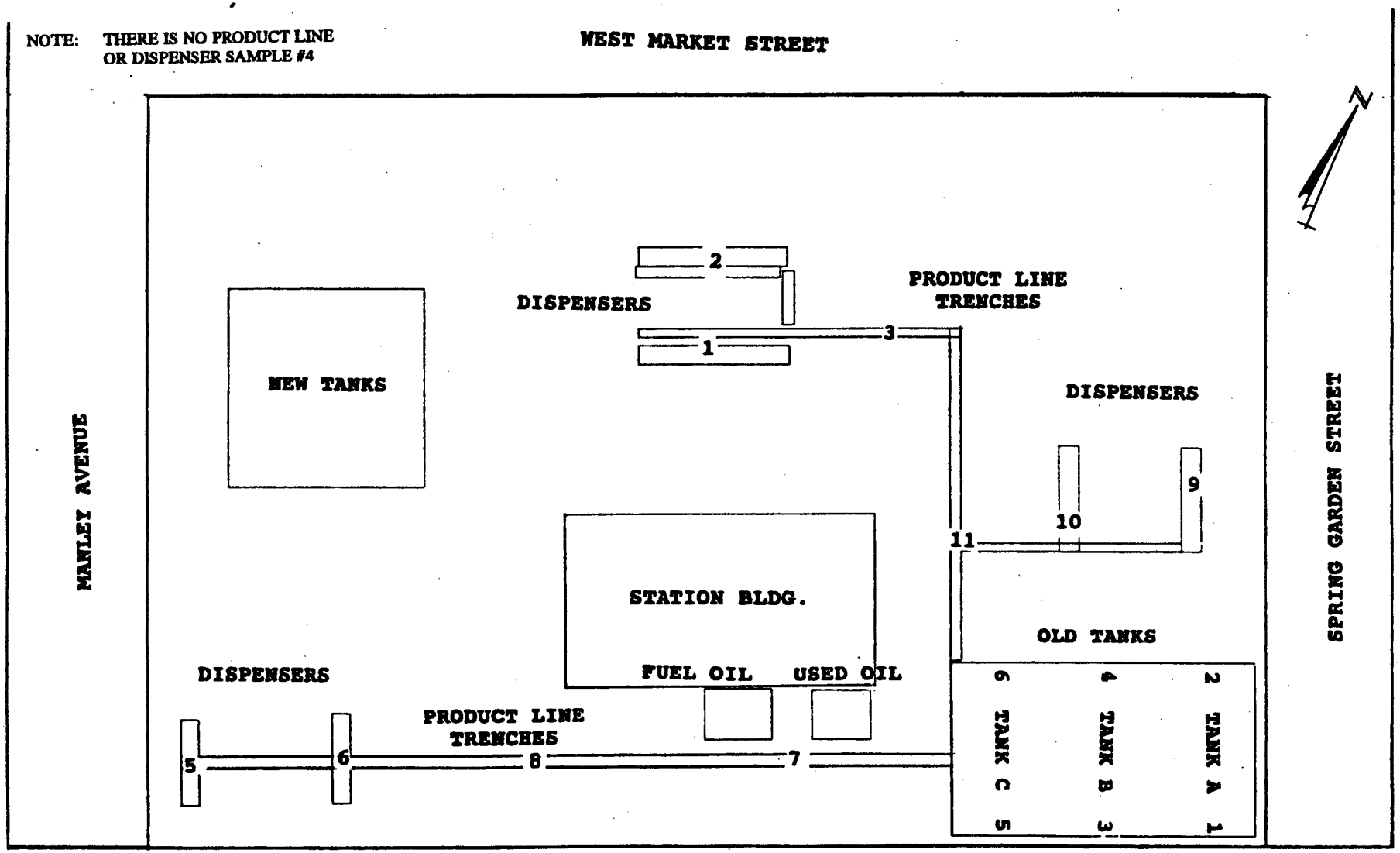




Environmental Resources Management
ERM

PROPOSED WALGREENS SITE MAP
EXXON RETAIL LOCATION 4-3998
4701 WEST MARKET STREET
GREENSBORO, NORTH CAROLINA

FIGURE
6



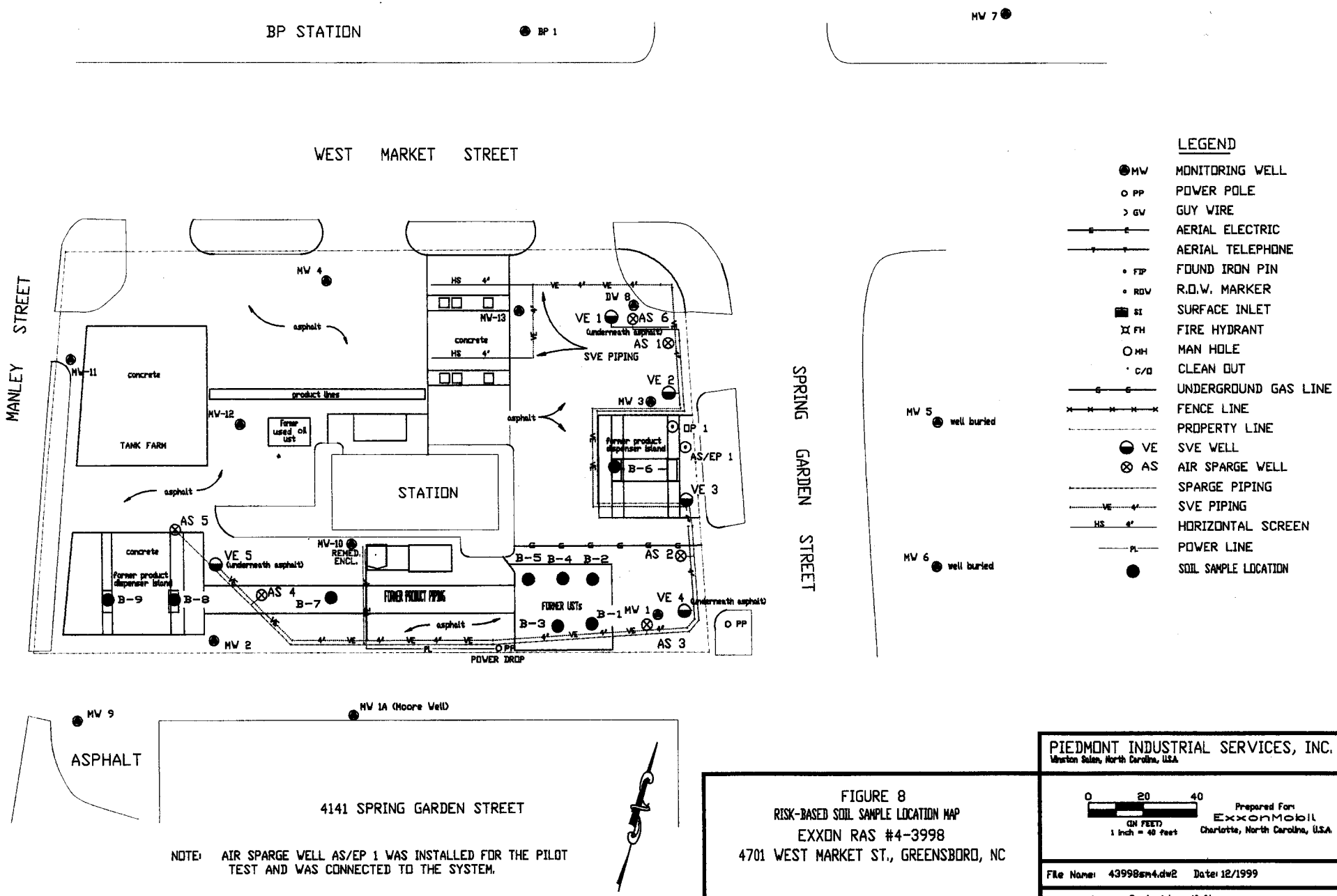
SOURCE: TANK EXCAVATION ASSESSMENT REPORT - EXXON RETAIL LOCATION 4-3998, 11/19/91, GRIFFITH ENTERPRISES, WINSTON-SALEM, NC

MAP NOT TO SCALE

ERM-Southeast, Inc.
CHARLOTTE, NORTH CAROLINA
ERM

UST CLOSURE SOIL SAMPLE LOCATIONS
EXXON COMPANY, U.S.A.
RETAIL LOCATION 4-3998
GREENSBORO, NORTH CAROLINA

FIGURE 7



NOTE: AIR SPARGE WELL AS/EP 1 WAS INSTALLED FOR THE PILOT TEST AND WAS CONNECTED TO THE SYSTEM.

FIGURE 8
RISK-BASED SOIL SAMPLE LOCATION MAP
EXXON RAS #4-3998
4701 WEST MARKET ST., GREENSBORO, NC

Reference map by EA Engineering, Science, and Technology

PIEDMONT INDUSTRIAL SERVICES, INC.
Winston Salem, North Carolina, U.S.A.

0 20 40
(IN FEET)
1 inch = 40 feet

Prepared For:
ExxonMobil
Charlotte, North Carolina, U.S.A.

File Name: 43998sm4.dw2 Date: 12/1999

Approved: Scale: 1 in. = 40 ft.

TABLE 1
GROUND WATER ELEVATION DATA
EXXON RETAIL LOCATION 4-3998
4701 WEST MARKET STREET
GREENSBORO, NORTH CAROLINA

	MW-1 96.50		MW-2 96.56		MW-3 96.92		MW-4 97.92	
DATE	DEPTH TO GROUND WATER	GROUND WATER ELEVATION	DEPTH TO GROUND WATER	GROUND WATER ELEVATION	DEPTH TO GROUND WATER	GROUND WATER ELEVATION	DEPTH TO GROUND WATER	GROUND WATER ELEVATION
8/20/92	23.45	73.05	22.99	73.57	24.49	72.43	24.50	73.42
3/25/93	18.77	77.73	18.90	77.66	20.91	76.01	22.62	75.30
6/11/93	19.23	77.27	18.85	77.71	20.74	76.18	21.36	76.56
4/13/94	19.79	76.71	19.06	77.50	21.60	75.32	22.74	75.18
6/9/94	21.97	74.53	21.40	75.16	23.24	73.68	23.26	74.66
6/14/95	22.65	73.85	22.70*	73.86	23.96*	72.96	24.28	73.64
9/18/95	23.73	72.77	24.06*	72.50	25.22*	71.70	24.82	73.10
12/6/95	22.20	74.30	21.70	74.86	23.60	73.32	24.26	73.66
12/14/95	22.10	74.40	21.62	74.94	23.44*	96.92	24.22	73.70
3/27/96	19.56	76.94	19.25	77.31	21.16	75.76	n/a	n/a
6/26/96	20.39	76.11	20.15	76.41	21.70	75.22	n/a	n/a
6/17/97	18.28	78.22	18.08	78.48	19.7	77.22	20.26	77.66
12/16/97	21.84	74.66	21.05	75.51	23.02	73.90	22.92	75.00
9/30/98	22.65	73.85	22.43	74.13	23.41	73.51	22.61	75.31
12/22/98	23.6	72.90	0.5" NAPL	NAPL	0.25" NAPL	NAPL	24.38	73.54
1/28/99	NM	NM	0.03' NAPL	NAPL	22.88	74.04	NM	NM
2/15/99	NM	NM	0.03' NAPL	NAPL	22.8	74.12	NM	NM
3/19/99	NM	NM	0.03' NAPL	NAPL	22.84	74.08	NM	NM
4/21/99	NM	NM	0.03' NAPL	NAPL	23.01	73.91	NM	NM
5/6/99	NM	NM	0.01' NAPL	NAPL	22.38	74.54	NM	NM
6/21/99	29.5	67.00	0.01' NAPL	NAPL	0.01' NAPL	NAPL	29.5	68.42
7/14/99	NM	NM	0.06' NAPL	NAPL	0.10 NAPL	NAPL	NM	NM
8/10/99	NM	NM	0.50' NAPL	NAPL	0.03' NAPL	NAPL	NM	NM
9/13/99	NM	NM	0.17' NAPL	NAPL	0.03' NAPL	NAPL	NM	NM
10/18/99	NM	NM	0.01' NAPL	NAPL	0.01' NAPL	NAPL	NM	NM
11/16/99	NM	NM	22.15	74.41	24.13	72.79	NM	NM
12/12/99	23.76	72.74	23.05	73.51	24.9	72.02	26.11	71.81
6/26/00	22.45	74.05	22.25	74.31	23.85	73.07	23.55	74.37
12/5/00	23.6	72.90	22.55	74.01	24.12	72.80	24	73.92
6/7/01	21.7	74.80	21.45	75.11	22.95	73.97	23.3	74.62
7/25/01	NM	NM	22.3	74.26	NM	NM	NM	NM

	MW-5 97.24		MW-6 96.15		MW-7 98.64		DW-8 98.00	
DATE	DEPTH TO GROUND WATER	GROUND WATER ELEVATION	DEPTH TO GROUND WATER	GROUND WATER ELEVATION	DEPTH TO GROUND WATER	GROUND WATER ELEVATION	DEPTH TO GROUND WATER	GROUND WATER ELEVATION
3/25/93	22.05	75.19	21.10	75.05	26.60	72.04	9.50	88.50
6/11/93	21.88	75.36	20.71	75.44	25.61	73.03	22.41	75.59
4/13/94	22.74	74.50	21.62	74.53	--	--	--	--
6/9/94	24.19	73.05	23.08	73.07	27.30	71.34	25.31	72.69
6/14/95	25.02	72.22	23.90	72.25	27.78	70.86	25.40	72.60
9/18/95	25.82	71.42	24.86	71.29	27.35	71.29	25.57	72.43
12/6/95	24.77	72.47	23.73	72.42	27.60	71.04	25.18	72.82
12/14/95	24.68	72.56	23.66	72.49	27.47	71.17	25.11	72.89
3/27/96	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
6/26/96	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
12/16/97	n/a	n/a	n/a	n/a	n/a	n/a	24.25	73.75
9/30/98	n/a	n/a	n/a	n/a	n/a	n/a	22.87	75.13
12/22/98	n/a	n/a	n/a	n/a	27.18	71.46	22.87	75.13
6/21/99	n/a	n/a	n/a	n/a	30.00	68.64	25.02	72.98
12/12/99	n/a	n/a	n/a	n/a	28.30	70.34	26.11	71.89
6/26/00	n/a	n/a	n/a	n/a	26.85	71.79	24.90	73.10
12/5/00	n/a	n/a	n/a	n/a	27.30	71.34	25.26	72.74
6/7/01	n/a	n/a	n/a	n/a	26.50	72.14	24.45	73.55

TABLE 1
GROUND WATER ELEVATION DATA
EXXON RETAIL LOCATION 4-3998
4701 WEST MARKET STREET
GREENSBORO, NORTH CAROLINA

	MW-9 94.56		MW -Moore 98.10		0P-1 96.79		MW-10 97.98	
DATE	DEPTH TO GROUND WATER	GROUND WATER ELEVATION	DEPTH TO GROUND WATER	GROUND WATER ELEVATION	DEPTH TO GROUND WATER	GROUND WATER ELEVATION	DEPTH TO GROUND WATER	GROUND WATER ELEVATION
4/13/94	--	--	--	--	21.06	75.73		
6/9/94	--	--	--	--	23.04	73.75		
6/14/95	--	--	--	--	23.94	72.85		
11/13/95	--	--	23.90	74.20	--	--		
12/6/95	**20.64	73.92	23.12	74.98	--	--		
12/14/95	19.19	75.37	--	--	--	--		
3/27/96	n/a	n/a	--	--	--	--		
6/26/96	n/a	n/a	--	--	--	--		
12/16/97	18.45	76.11	--	--	24.22	72.57		
9/30/98	21.08	73.48	--	--	n/a	n/a		
12/22/98	21.03	73.53	--	--	25.55	71.24		
6/21/99	n/a	n/a	n/a	n/a	n/a	n/a	25.42	71.36
12/12/99	20.65	73.91	n/a	n/a	n/a	n/a	24.45	72.33
6/26/00	20.55	74.01	n/a	n/a	n/a	n/a	22.35	74.43
12/5/00	20.50	74.06	n/a	n/a	n/a	n/a	dry	n/a
6/7/01	19.60	74.96	n/a	n/a	n/a	n/a	22.70	74.08

	AS-1 96.38		EP-1 96.31		MW-11 96.25		MW-12 97.81	
DATE	DEPTH TO GROUND WATER	GROUND WATER ELEVATION	DEPTH TO GROUND WATER	GROUND WATER ELEVATION	DEPTH TO GROUND WATER	GROUND WATER ELEVATION	DEPTH TO GROUND WATER	GROUND WATER ELEVATION
4/13/94	20.90	75.48	20.77	75.54				
6/9/94	22.65	73.73	22.56	73.75				
6/14/95	23.54	72.84	DRY	--				
6/21/99	n/a	n/a	n/a	n/a	22.36	73.89	23.62	74.19
12/12/99	n/a	n/a	n/a	n/a	22.76	73.49	23.62	74.19
6/26/00	n/a	n/a	n/a	n/a	21.80	74.45	23.30	74.51
12/5/00	n/a	n/a	n/a	n/a	23.10	73.15	23.49	74.32
6/7/01	n/a	n/a	n/a	n/a	21.55	74.70	22.75	75.06
	MW-13 98.66							
DATE	DEPTH TO GROUND WATER	GROUND WATER ELEVATION	DEPTH TO GROUND WATER	GROUND WATER ELEVATION				
6/21/99	25.10	73.56						
12/12/99	25.80	72.86						
6/26/00	24.55	74.11						
12/5/00	24.84	73.82						
6/7/01	24.06	74.60						

Notes:
Depth to ground water measured in feet below top of casing.
Elevations are relative to an on-site reference point which has been assigned an elevation of 100.00 feet.
"--" = Gauging data not available
* = Free product film detected in monitor well (<0.01 feet thick)
** = Ground water not at static level
n/a = well not gauged
n/s = not surveyed

TABLE 2
GROUND WATER ANALYTICAL RESULTS
EXXON RETAIL LOCATION 4-3998
4701 WEST MARKET STREET
GREENSBORO, NORTH CAROLINA

MONITOR WELL ID	DATE	EPA Method 601/602 - Volatile Organic Compounds (ug/l)									MADEP VPH (ug/l)			504.1	3030C
		Total BTEX	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	IPE	1,2-Dichloro-ethane	1,1-Dichloro-ethane	C5-C8 Aliphatics	C9-C12 Aliphatics	C9-C10 Aromatics	EDB (ug/l)	LEAD (ug/l)
MW-1	8/20/92	65,900	5,000	35,000	3,900	22,000	<500	--	--	--	--	--	--	--	--
	3/25/93	44,600	3,500	21,000	3,100	17,000	<250	--	--	--	--	--	--	--	--
	6/22/93	44,600	4,200	18,000	3,400	19,000	<500	--	--	--	--	--	--	--	--
	6/9/94	62,450	6,150	22,500	5,000	28,800	96	900	--	--	--	--	--	<10	5
	6/14/95	<1	<1	<1	<1	<1	<10	465	--	--	--	--	--	--	--
	9/18/95	50,500	4,000	24,000	3,000	19,500	<5,000	<5,000	--	--	--	--	--	--	--
	12/6/95	47,700	4,500	18,000	3,600	21,600	<225	1,230	--	--	--	--	--	--	--
	3/27/96	15,350	2,340	3,420	1,350	8,240	<450	945	--	--	--	--	--	<0.503	<3.0
	6/26/96	32,280	3,420	7,980	2,640	18,240	<200	1,030	--	--	--	--	--	<20	<3.0
	6/17/97	25,730	3,000	4,800	2,430	15500	ND	950	--	--	--	--	--	ND	ND
	12/16/97	4,250	1,110	560	780	1800	90	130	--	--	--	--	--	0.07	ND
	9/30/98	9,125	1,750	715	1,810	4850	15	765	--	--	--	--	--	0.34	ND
	12/22/98	1,959	414	327	382	836	ND	311	--	--	--	--	--	0.29	--
	6/21/99	2,060	600	100	220	1140	ND	400	--	--	--	--	--	NT	4
	12/12/99	1,508	484	96	388	540	ND	292	--	--	3,920	4,880	3,230	0.29	ND
	6/26/00	2,680	290	160	110	2,120	40	670	--	--	6,480	5,750	6,830	0.61	5
	12/5/00	5,428	376	64	638	4,350	26	574	--	--	--	--	--	0.40	ND
	6/7/01	1,064	161	37	129	737	16	343	30.4	ND	3,040	6,280	4,710	0.41	ND
MW-2	8/20/92	13,900	1,400	4900	1600	6000	<250	--	--	--	--	--	--	--	--
	3/25/93	16,400	2,000	7300	1200	5900	<250	--	--	--	--	--	--	--	--
	6/22/93	76,800	**8,100**	40000	4700	24000	<2500	--	--	--	--	--	--	--	--
	6/9/94	70,520	**7,160**	33500	4560	25300	390	280	--	--	--	--	--	<10	3
	6/14/95	234,900	**14,000**	112,000	17,100	91,800	<225	1,710	--	--	--	--	--	--	--
	9/18/95	56,000	4,500	25,000	4,000	22,500	<1,000	1,600	--	--	--	--	--	--	--
	12/6/95	5,553	788	2,900	315	1,550	<225	292	--	--	--	--	--	--	--
	3/27/96	136,800	**22,000**	72,000	7,200	35,600	<900	10,800	--	--	--	--	--	0.70	<3.0
	6/26/96	103,000	**16,000**	60,000	4,500	22,500	<10000	<10000	--	--	--	--	--	<1000	<3.0
	6/17/97	86,800	**13,100**	46,000	4,100	23,600	ND	6,000	--	--	--	--	--	ND	ND
	12/16/97	90,550	**14,000**	49,500	4,050	23,000	1,350	4,050	--	--	--	--	--	0.22	ND
	9/30/98	116,130	**17,400**	74,300	7,130	17,300	ND	8,750	--	--	--	--	--	1.26	ND
	6/21/99	57,660	**12,000**	40,200	1,040	4,420	ND	7,400	--	--	--	--	--	NT	ND
	12/12/99	60,300	**8,320**	29,100	3,280	19,600	ND	6,620	--	--	126,000	37,000	7,320	1.02	ND
	6/26/00	47,800	**7,800**	22,000	2,000	16,000	60	6,600	--	--	112,000	31,400	9,440	1.95	ND
	12/5/00	58,550	**7,500**	29,200	2,450	19,400	ND	7,400	--	--	--	--	--	1.69	ND
	6/7/01	54,380	**6,540**	25,000	2,940	19,900	ND	5,300	8.1	1.2	47,800	26,500	7,600	1.45	ND
	7/25/01	36,770	**6,370**	16,500	1,900	12,000	ND	4,920	8	2.2	28,200	11,200	ND	1.40	ND

TABLE 2
GROUND WATER ANALYTICAL RESULTS
EXXON RETAIL LOCATION 4-3998
4701 WEST MARKET STREET
GREENSBORO, NORTH CAROLINA

MONITOR WELL ID	DATE	EPA Method 601/602 - Volatile Organic Compounds (ug/l)									MADEP VPH (ug/l)			504.1	3030C
		Total BTEX	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	IPE	1,2-Dichloro-ethane	1,1-Dichloro-ethane	C5-C8 Aliphatics	C9-C12 Aliphatics	C9-C10 Aromatics	EDB (ug/l)	LEAD (ug/l)
MW-3	8/20/92	84,800	11,000	41000	4800	26000	<500	--			--	--	--	--	--
	3/25/93	67,300	9,700	35000	3600	19000	<1000	--	--	--	--	--	--	--	--
	6/22/93	88,900	13,000	50000	3900	22000	<2500	--	--	--	--	--	--	--	--
	6/9/94	114,700	12,600	65400	4500	32200	<1000	2580	--	--	--	--	--	<50	678
	6/14/95	308,200	25,200	157,000	18,000	108,000	<225	2,740	--	--	--	--	--	--	390
	9/18/95	125,000	15,000	73,000	6,000	31,000	<5,000	<5,000	--	--	--	--	--	--	372
	12/6/95	156,600	19,800	94,500	6,300	36,000	<4500	7,650	--	--	--	--	--	--	147
	3/27/96	158,400	23,400	80,100	8,100	46,800	<900	11,200	--	--	--	--	--	59	1,400
	6/26/96	106,750	14,300	49,000	5,650	37,800	<5000	7,300	--	--	--	--	--	<500	1,010
	6/17/97	39,381	3,550	19,100	2,181	14,550	ND	1,140	--	--	--	--	--	ND	376
	12/16/97	97,200	16,400	49,300	4,500	27,000	450	4,720	--	--	--	--	--	35	956
	9/30/98	59,530	8,320	37,800	3,560	9,850	ND	2,240	--	--	--	--	--	69	516
	6/21/99	47,420	2,000	39,000	1,240	5,180	ND	400	--	--	--	--	--	NT	259
	12/12/99	32,600	2,610	15,100	1,590	13,300	ND	1,030	--	--	50,100	24,300	9,360	34.3	272
	6/26/00	12,060	980	5,100	560	5,420	ND	340	--	--	19,900	12,600	7,120	20.2	136
	12/5/00	16,070	510	5,720	980	8,860	ND	115	--	--	--	--	--	9.6	42
	6/7/01	11,800	1,340	6,120	490	3,850	ND	510	92.3	ND	15,900	8,830	2,200	34.2	127
MW-4	8/20/92	4	<2.0	<2.0	<2.0	4	<10	--			--	--	--	--	--
	3/25/93	17.6	1.9	4.7	<1.0	11	<10	--	--	--	--	--	--	--	--
	6/22/93	17.5	1.5	<1.0	<1.0	16	<10	--	--	--	--	--	--	--	--
	6/9/94	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	--	--	--	--	--	<1.0	4
	6/14/95	71	6	9	3	53	<10	<10	--	--	--	--	--	--	--
	9/18/95	33	4	<1.0	<1.0	29	<10	33	--	--	--	--	--	--	--
	6/17/97	112.2	11.4	ND	15.8	85.0	ND	ND	--	--	--	--	--	--	--
	12/16/97	175.0	22.0	2.0	14.0	137.0	ND	2	--	--	--	--	--	ND	ND
	9/30/98	65.9	8.8	1.2	2.4	53.5	ND	1	--	--	--	--	--	ND	ND
	12/22/98	170.4	31.2	ND	2.2	137.0	2	4	--	--	--	--	--	ND	--
	6/21/99	180.0	36.0	ND	1.0	143.0	1	3	--	--	--	--	--	NT	ND
	12/12/99	137.2	26.7	ND	2.5	108.0	7	7	--	--	440	200	170	0.02	4
	6/26/00	115.1	24.4	ND	1.5	89.2	6	NT	--	--	520	170	130	ND	ND
	12/5/00	92.1	18.0	ND	1.2	72.9	2	8	--	--	--	--	--	ND	ND
	6/7/01	117.1	23.5	2.4	2.1	89.1	5.1	12.8	ND	ND	192	157	ND	ND	ND
MW-5	3/25/93	<1.0	<1.0	<1.0	<1.0	<1.0	<10	--	--	--	--	--	--	--	--
	6/22/93	<1.0	<1.0	<1.0	<1.0	<1.0	<10	--	--	--	--	--	--	--	--
	6/9/94	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	--	--	--	--	--	<1.0	13
	6/14/95	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	--	--	--	--	--	--	--
	9/18/95	2	<1.0	1	<1.0	1	<10	27	--	--	--	--	--	--	--

TABLE 2
GROUND WATER ANALYTICAL RESULTS
EXXON RETAIL LOCATION 4-3998
4701 WEST MARKET STREET
GREENSBORO, NORTH CAROLINA

MONITOR WELL ID	DATE	EPA Method 601/602 - Volatile Organic Compounds (ug/l)									MADEP VPH (ug/l)			504.1	3030C
		Total BTEX	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	IPE	1,2-Dichloro-ethane	1,1-Dichloro-ethane	C5-C8 Aliphatics	C9-C12 Aliphatics	C9-C10 Aromatics	EDB (ug/l)	LEAD (ug/l)
MW-6	3/25/93	<1.0	<1.0	<1.0	<1.0	<1.0	<10	--	--	--	--	--	--	--	--
	6/22/93	<1.0	<1.0	<1.0	<1.0	<1.0	<10	--	--	--	--	--	--	--	--
	6/9/94	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	--	--	--	--	--	<1.0	13
	6/14/95	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	--	--	--	--	--	--	--
	9/18/95	<1.0	<1.0	<1.0	<1.0	<1.0	<10	14	--	--	--	--	--	--	--
MW-7	3/25/93	9.1	1.9	1.9	1.9	3.4	36.0	--	--	--	--	--	--	--	--
	6/22/93	<5.0	<5.0	<5.0	<5.0	<5.0	<50	--	--	--	--	--	--	--	--
	6/9/94	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	--	--	--	--	--	<1.0	20
	6/14/95	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	--	--	--	--	--	--	26
	9/18/95	2	<1.0	1	<1.0	1	10	16	--	--	--	--	--	--	15
	12/16/97	11	7	4	<1.0	<1.0	<1.0	<1.0	--	--				<0.02	7
	12/22/98	79.5	23.3	26.1	4.5	25.6	24.5	2.0	--	--	--	--	--	ND	--
	6/21/99	34.0	15.0	9.0	1.0	9.0	16.0	1.0	--	--	--	--	--	NT	15
	12/12/99	87.1	35.0	11.2	7.0	33.9	43.5	6.0	--	--	1,720	ND	ND	ND	ND
	6/26/00	58.8	24.4	9.0	4.8	20.6	66.2	NT	--	--	4,170	ND	ND	ND	14
	12/5/00	65.8	21.1	16.6	7.1	21.0	11.8	4.0	--	--	--	--	--	ND	ND
	6/7/01	63.3	16.6	11.2	3.2	32.3	35.4	6.5	ND	ND	1,770	ND	ND	ND	6
DW-8	3/25/93	<1.0	<1.0	<1.0	<1.0	<1.0	<10	--	--	--	--	--	--	--	--
	6/22/93	<1.0	<1.0	<1.0	<1.0	<1.0	<10	--	--	--	--	--	--	--	--
	6/9/94	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	--	--	--	--	--	<1.0	4
	6/14/95	2	<1	1	<1	1	<10	<10	--	--	--	--	--	--	--
	9/18/95	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	--	--	--	--	--	--	--
	12/16/97	14	2	6	<1.0	6	<1.0	<1.0	--	--	--	--	--	<0.02	5
	9/30/98	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	ND	ND
	12/22/98	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	ND	ND
	6/21/99	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	ND	11
	12/12/99	ND	ND	ND	ND	ND	ND	ND	--	--	ND	ND	ND	ND	ND
	6/26/00	1.7	1.7	ND	ND	ND	ND	NT	--	--	ND	ND	ND	ND	ND
	12/5/00	ND	ND	ND	ND	ND	ND	NT	--	--	--	--	--	ND	ND
	6/7/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-9	12/6/95	823	36	7	110	670	<10	38	--	--	--	--	--	--	--
	12/16/97	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	<0.02	5
	9/30/98	<1.0	8	70	45	307	ND	8	--	--	--	--	--	ND	ND
	12/22/98	124	5	ND	5	114	ND	15	--	--	--	--	--	ND	
	12/12/99	260	60	ND	3	197	8	70	--	--	460	660	860	ND	4
	12/12/99	143	16	ND	3	124	1	23	--	--	240	270	320	ND	ND
	12/5/00	9	ND	ND	ND	9	ND	2	--	--	--	--	--	ND	ND
	6/7/01	39	16.9	ND	1.50	20.7	ND	16.4	ND	ND	ND	137	ND	ND	ND

TABLE 2
GROUND WATER ANALYTICAL RESULTS
EXXON RETAIL LOCATION 4-3998
4701 WEST MARKET STREET
GREENSBORO, NORTH CAROLINA

MONITOR WELL ID	DATE	EPA Method 601/602 - Volatile Organic Compounds (ug/l)									MADEP VPH (ug/l)			504.1	3030C
		Total BTEX	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	IPE	1,2-Dichloro-ethane	1,1-Dichloro-ethane	C5-C8 Aliphatics	C9-C12 Aliphatics	C9-C10 Aromatics	EDB (ug/l)	LEAD (ug/l)
OP-1	12/16/97	561	320	10	57	174	45	10	--	--	--	--	--	<0.02	<3
	12/22/98	525	334	11	47	133	83	8	--	--	--	--	--	ND	--
MW-1A*	11/20/92	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
MW-Moore	11/13/95	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
MW-10	12/12/99	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	NT	NT
	6/26/00	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	NT	9
***	6/7/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-11	6/21/99	78	70	<1	<1	7	27	41	--	--	--	--	--	NT	NT
	12/12/99	4	3	ND	ND	2	7	18	--	--	ND	ND	ND	ND	6
	6/26/00	ND	ND	ND	ND	ND	4	9	--	--	ND	ND	ND	ND	7
	12/5/00	26	26	ND	ND	ND	18	23	--	--	--	--	--	ND	ND
***	6/7/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-12	6/21/99	45,930	7,980	13,000	3,650	21,300	280	4,710	--	--	--	--	--	NT	NT
	12/12/99	21,610	2,570	8,380	1,610	9,050	230	1,560	--	--	422,000	17,700	6,800	0.17	ND
	6/26/00	12,600	1,410	4,200	990	6,000	130	760	--	--	25,600	12,000	4,010	ND	12
	12/5/00	10,740	1,180	3,800	1,020	4,740	75	565	--	--	--	--	--	ND	ND
	6/7/01	14,140	1,150	4,370	1,360	7,260	130	730	ND	ND	11,800	10,700	2,590	ND	4
Mw-13	6/21/99	9,340	3,680	940	760	3,960	<100	1,100	--	--	--	--	--	NT	NT
	12/12/99	NT	NT	NT	NT	NT	NT	NT	--	--	NT	NT	NT	NT	NT
	6/26/00	6,110	3,300	56	154	2,600	66	NT	--	--	14,900	5,010	1,530	2.11	NT
	12/5/00	4,940	2,220	105	285	2,330	ND	775	--	--	--	--	--	2.09	5
***	6/7/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2L STANDARD			1	1,000	29	530	200	70	0.38	0.7	420	4200	4200	0.0004	15
GCL's			5,000	257,500	29,000	87,500	200,000	70,000	380	1,560	No GCL	No GCL	No GCL	50	15000

*** well dry after purging-no recharge-not sampled

TABLE 3
SVE OFF-GAS ANALYTICAL RESULTS
EXXON RAS# 4-3998
GREENSBORO, NORTH CAROLINA

Date	Benzene (mg/m3)	Toluene (mg/m3)	Ethyl-benzene (mg/m3)	Total Xylenes (mg/m3)	GRO TPH (mg/m3)	Air Velocity (fps)	Flow Rate ft^3/min	TPH Removed This period (lbs)	Equivalent NAPL Recovered This Period (gallons)
6/12/96	2.91	2.50	<0.5	1.07	44.50	38.26	50.06	--	--
12/16/97	--	--	--	--	3.60	--	--	--	--
4/6/99	<15	0.52	0.82	2.15	8.26	166.00	217.18	162.57	26.01
6/16/99	5.10	6.60	0.80	1.90	59.00	186.00	243.35	89.86	14.38
9/17/99	3.40	4.40	0.50	2.20	38.00	155.43	203.35	63.35	10.14
12/12/99	6.10	8.00	0.90	3.90	62.00	200.00	261.66	122.99	19.68
3/30/00	6.30	9.00	1.00	7.20	63.50	191.00	249.89	152.47	24.40
6/6/00	6.10	9.40	1.10	8.30	64.90	182.00	238.11	92.64	14.82
9/29/00	6.30	8.40	<.05	4.30	52.10	180.00	235.50	124.38	19.90
10/16/00	4.80	5.30	<.05	<1.50	39.90	184.00	240.73	14.39	2.30
11/30/00	7.40	8.50	<.05	<1.50	76.30	156.00	204.10	61.78	9.88
12/18/00	3.40	4.90	<.05	<1.50	36.60	169.00	221.11	12.84	2.05
1/5/01	3.90	4.90	<.05	<1.50	64.90	188.00	245.96	25.33	4.05
2/6/01	7.30	9.60	<.05	8.90	77.20	170.00	222.41	48.44	7.75
3/16/01	7.00	19.60	3.10	20.40	106.00	200.00	261.66	92.91	14.87
4/6/01	5.60	18.80	1.70	9.00	93.90	156.00	204.10	35.48	5.68
5/23/01	3.60	5.40	<.05	7.50	50.80	158.00	206.72	62.95	10.07

AS/SVE system deactivated June 2001

"--" = not analyzed

TABLE 4
1991 UST Closure Soil Sample Analytical Results
Summary of Soil Sample Analyses
in Parts Per Million (PPM)

	TPH	METHOD
TANK A1	344	GC 5030
TANK A2	9,000	GC 5030
TANK B3	109	GC 5030
TANK B4	6,310	GC 5030
TANK C5	ND	GC 5030
TANK C6	5,460	GC 5030
DISP. 1	ND	GC 5030
DISP. 2	12.8	GC 5030
LINE 3	ND	GC 5030
DISP. 5	1,140	GC 5030
DISP. 6	1,490	GC 5030
LINE 7	ND	GC 5030
LINE 8	4,680	GC 5030
DISP. 9	ND	GC 5030
DISP. 10	15.9	GC 5030
DISP. 11	ND	GC 5030
FUEL OIL	22	GC 3550
USED OIL	ND	GC 9071

*See laboratory reports for used oil TCLP Metal Analyses.

**ND = Non Detected at Minimum Quantifying Level of 20 ppm.

Source: UST closure Report, Griffith Enterprises

TABLE 5
SUMMARY OF RISK-BASED SOIL ANALYTICAL RESULTS
FORMER EXXON RETAIL LOCATION 4-3998
GREENSBORO, NORTH CAROLINA

SAMPLE NUMBER	DATE	DEPTH (feet)	EPA METHOD 8260 - Volatile Organic Compounds											
			Sec-butyl-benzene (mg/kg)	Benzene (mg/kg)	Ethyl-benzene (mg/kg)	4-Isopropyl-toluene (mg/kg)	Naph-thalene (mg/kg)	n-propyl-benzene (mg/kg)	Isoproplyl benzene (mg/kg)	Styrene (mg/kg)	Toluene (mg/kg)	1,2,4-Trimethyl-benzene (mg/kg)	1,3,5-Trimethyl-benzene (mg/kg)	Xylenes (mg/kg)
B-1	7/17/01	15-16	ND	ND	0.018	ND	0.0351	0.0058	ND	ND	0.0729	0.0342	0.0091	0.1134
B-2	7/17/01	15-16	2.3100	ND	45.71	1.738	36.35	26.03	5.341	6.889	118.1	182.5	60.32	446.3
B-3	7/17/01	15-16	1.9140	1.807	90.14	0.2491	11.29	23.43	7.114	3.114	290	104.9	30.71	571.4
B-4	7/17/01	17-18	0.1252	2.682	1.22	0.0718	0.8485	0.1667	ND	0.2733	13.18	1.098	0.2879	7.705
B-5	7/17/01	17-18	1.7460	ND	85.25	1.066	10.41	23.44	6.303	1.566	73.77	109.8	33.93	414.8
B-6	7/17/01	4.0	ND	ND	0.0038	ND	0.007	ND	ND	ND	0.0216	0.007	ND	0.0242
B-7	7/17/01	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-8	7/17/01	4.0	0.0225	ND	1.089	0.0127	0.1763	0.2118	0.0659	ND	0.0775	1.897	0.5548	0.9256
B-9	7/17/01	4.0	3.6440	ND	25.89	0.197	19.59	25.89	7.397	1.63	2.959	126.8	43.01	142.5
SOIL-TO-GROUNDWATER			3	0.0056	0.24	NS	0.58	2	2	NS	7	8	7	5
RESIDENTIAL			156	22	1,560	NS	63	156	1,564	NS	3,200	782	782	32,000
INDUSTRIAL/COMMERCIAL			4,088	200	40,000	NS	1,635	4,088	40,880	NS	82,000	20,440	20,440	200,000

NOTES:

Only detected componds are shown in table

SAMPLE NUMBER	DATE	DEPTH (feet)	MADEP VPH		
			C5-C8 Aliphatics (mg/kg)	C9-C12 Aliphatics (mg/kg)	C9-C10 Aromatics (mg/kg)
B-1	7/17/01	15-16	ND	ND	ND
B-2	7/17/01	15-16	505	295	103
B-3	7/17/01	15-16	349	301	102
B-4	7/17/01	17-18	2860	2150	730
B-5	7/17/01	17-18	285	193	61.1
B-6	7/17/01	4.0	7.01	ND	ND
B-7	7/17/01	4.0	ND	ND	ND
B-8	7/17/01	4.0	ND	ND	ND
B-9	7/17/01	4.0	51.2	97.3	40.8
SOIL-TO-GROUNDWATER			72	3,255	34
RESIDENTIAL			939	9,386	469
INDUSTRIAL/COMMERCIAL			24,528	245,280	12,264

Appendix A
Laboratory Reports

SPECIALIZED ASSAYS ENVIRONMENTAL
2960 Foster Creighton Dr.
Nashville, Tennessee 37204

221890

1-800-765-0980
615-726-0177
Fax: 615-726-3404

EXXON COMPANY USA

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUESTED

LWR #: _____

Name: PIEDMONT INDUSTRIAL SERVICES GEOS
Phone: 336 767 7066
Fax: NO FAX

Address: P.O. BOX 5001
WINSTON SALEM, NC 27103

Client Project # Name: 4-3998

Project Mgr: Tom Lennon

Exxon Env. Work Release: 199D0714

Exxon Contact: FRANK HEDLIN

[circle one] EE or C&M Phone:

RAS #: 4-3998

Site Address: 4701 W. Market St.

State ID #:

Cooler Seal
Seal Intact

Consultant Receipt
yes no Initial

Laboratory Receipt
yes no Initial

Air Bill # 812042098684

1 # of coolers

Sample Temperature 3.5 [*C] upon receipt

Sampled by [please print] Alan Duke

Sampler Signature: Alan Duke

Ship Date: 1-05-01

TAT REQUESTED 24hr 48hr 72hr other _____ day Exxon Std TAT

FIELD SAMPLE ID	SAE LAB # [for lab use only]	# CONT	Matrix: WATER	SOIL	AIR	SLUDGE	PRODUCT	OTHER	Method Preserved: HCL	HNO3	H2SO4	ICE	NON-PRES	OTHER SPECIFY	Sampling: DATE	TIME	BTEX 602 ☐ 8020 ☒	MTBE ☐	EDB METHOD ____	PETROLEUM HYDROCARBONS. GC. 8015 GAS ☒ DIESEL ☐	TRPH/OIL AND GREASE 418.1 ☐ 9070 ☐ 9071 ☐ 413.1 ☐ 413.2 ☐	PURGEABLE HALOCARBONS 601 ☐ 8010 ☐ 8021 ☐	PURGEABLE AROMATICS 602 ☐ 8020 ☐ 8021 ☐	PCB's ☐	VOLATILE ORGANICS 624 ☐ 8240 TCL ☐ 8260 ☐	EXTRACTABLE ORGANICS 625 ☐ 8270 TCL ☐	PAH's 610 ☐ 8310 ☐ 8100 ☐ 8270 ☐	TCLP METALS ☐ VOA's ☐ BNA's ☐ P/H ☐ TOTAL ☐	METALS RCRA ☐ PP ☐ TAL ☐	LEAD 238.2 ☐ 200.7 ☐ 6010 ☐ 7421 ☐	CORROSIVITY ☐ REACTIVITY ☐	FP OPEN CUP ☐ CLOSED CUP ☐	OTHER
SVE-Effluent	1489	1			X								X		1-05-01	1200	X			X															

SPECIAL DETECTION LIMITS:

REPORTING LIMITS:

CLIENT REMARKS:

STORAGE LOCATION:

		DATE	TIME
Relinquished by Sampler:	Alan Duke	1-05-01	1600
Company / Affiliation:	P.I.S.		
Relinquished by:			
Company / Affiliation:			

		DATE	TIME
Received by:			
Received by:	C. Lutt	1.6.01	0900

TestAmerica
INCORPORATED

ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Project: 4-3998
Project Name: EXXON 4-3998
Sampler: ALAN DUKE

Lab Number: 01-A1489
Sample ID: SVE-EFFLUENT
Sample Type: AIR
Site ID:

Date Collected: 1/ 5/01
Time Collected: 12:00
Date Received: 1/ 6/01
Time Received: 9:00

Analyte	Result mg/m3	Result PPMV	Dilution Factor	Analysis Date	Analysis Time	Analyst	Method
Toluene	4.90	1.28	1.	1/11/01	23:44	CHollingsw	EPA-18
Benzene	3.90	1.20	1.	1/11/01	23:44	CHollingsw	EPA-18
Xylene	< 1.50	< 0.34	1.	1/11/01	23:44	CHollingsw	EPA-18
Ethyl benzene	< 0.500	< 0.11	1.	1/11/01	23:44	CHollingsw	EPA-18
TRPH Lo >C4-C10	36.6	8.78	1.	1/11/01	23:44	CHollingsw	EPA-18

- Recovery outside Laboratory historical limits.

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: J Mitchell

Report Date: 1/12/01

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

Gail A. Lage, Technical Serv.
Glenn L. Norton, Technical Serv.
Kelly S. Comstock, Technical Serv.
Pamela A. Langford, Technical Serv.

Laboratory Certification Number: 387

End of Sample Report.

SPECIALIZED ASSAYS ENVIRONMENTAL
2960 Foster Creighton Dr.
Nashville, Tennessee 37204

225509

1-800-765-0980
615-726-0177
Fax: 615-726-3404

EXXON COMPANY USA

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUESTED

LWR #: _____

Name: PIEDMONT INDUSTRIAL SERVICES SES
Phone: 336 767 7555
Fax: NO FAX

Address: P.O. BOX 5081
WINSTON SALEM, NC 27103

Client Project # 4-3998
Name: Exxon W. Market

Project Mgr: Tom Lennon

Exxon Env. Work Release: 19900714

Exxon Contact: FRANK MEDLIN
[circle one] (EE) or C&M Phone:

RAS #: 4-3998
Site Address: 4701 W. Market St.
State ID #:

Cooler Seal
Seal Intact
Consultant Receipt
yes no Initial
Laboratory Receipt
yes no Initial

Air Bill # 8216215157 5
1 # of coolers
Sample Temperature ___ [°C] upon receipt

Sampled by [please print] ALAN DIKE
Sampler Signature:
Ship Date: 2/06/01

TAT REQUESTED 24hr 48hr 72hr other _____ day Exxon Std TAT

FIELD SAMPLE ID	SAE LAB # [for lab use only]	# CONT	Matrix: WATER	SOIL	AIR	SLUDGE	PRODUCT	OTHER	Method Preserved: HCL	HNO3	H2SO4	ICE	NON-PRES	OTHER SPECIFY	Sampling: DATE	TIME	BTEX 602 ☐ 8020 ☒	MTBE ☐	EDB METHOD ___	PETROLEUM HYDROCARBONS, GC, 8015 GAS ☐ DIESEL ☒	TRPH/OIL AND GREASE 418.1 ☐ 9070 ☐ 9071 ☐ 413.1 ☐ 413.2 ☐	PURGEABLE HALOCARBONS 601 ☐ 8010 ☐ 8021 ☐	PURGEABLE AROMATICS 602 ☐ 8020 ☐ 8021 ☐	PCB's ☐	VOLATILE ORGANICS 624 ☐ 8240 TCL ☐ 8260 ☐	EXTRACTABLE ORGANICS 625 ☐ 8270 TCL ☐	PAH's 610 ☐ 8310 ☐ 8100 ☐ 8270 ☐	TCLP METALS ☐ VOA's ☐ BNA's ☐ P/H ☐ TOTAL ☐	METALS RCRA ☐ PP ☐ TAL ☐	LEAD 238.2 ☐ 200.7 ☐ 6010 ☐ 7421 ☐	CORROSIVITY ☐ REACTIVITY ☐	FP OPEN CUP ☐ CLOSED CUP ☐	OTHER
SVE AER	15232	1			X										2-6	100	X			X													

SPECIAL DETECTION LIMITS:

REPORTING LIMITS:

CLIENT REMARKS:

STORAGE LOCATION:

Relinquished by Sampler:	DATE	TIME
Company / Affiliation: P.I.S.	2-06-01	330

Relinquished by:	DATE	TIME
Company / Affiliation:		

Received by:	DATE	TIME

Received by:	DATE	TIME
C. Wilt	2.7.01	0900

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ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A15232
Sample ID: SVE AIR
Sample Type: AIR
Site ID:

Project: 4-3998
Project Name: EXXON 4-3998
Sampler: ALAN DUKE

Date Collected: 2/ 6/01
Time Collected: 13:00
Date Received: 2/ 7/01
Time Received: 9:00

Analyte	Result mg/m3	Result PPMV	Dilution Factor	Analysis Date	Analysis Time	Analyst	Method
Toluene	9.60	2.50	1.	2/ 7/01	20:59	CHollingsw	EPA-18
Benzene	7.30	2.25	1.	2/ 7/01	20:59	CHollingsw	EPA-18
Xylene	8.90	2.02	1.	2/ 7/01	20:59	CHollingsw	EPA-18
Ethyl benzene	< 0.500	< 0.11	1.	2/ 7/01	20:59	CHollingsw	EPA-18
TRPH Lo >C4-C10	77.2	18.5	1.	2/ 7/01	20:59	CHollingsw	EPA-18

- Recovery outside Laboratory historical limits.

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: [signature] Report Date: 2/ 8/01

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
Gail A. Lage, Technical Serv.
Glenn L. Norton, Technical Serv.
Kelly S. Comstock, Technical Serv.
Pamela A. Langford, Technical Serv.

Laboratory Certification Number: 387

End of Sample Report.

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INCORPORATED

PROJECT QUALITY CONTROL DATA

- Value outside Laboratory historical QC limits.

2960 Foster Creighton Drive / Nashville,TN 37204 / 615-726-0177 / Fax: 615-726-0954 / 800-765-0980

SPECIALIZED ASSAYS ENVIRONMENTAL
2960 Foster Creighton Dr.
Nashville, Tennessee 37204

230275

1-800-765-0980
615-726-0177
Fax: 615-726-3404

EXXON COMPANY USA

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUESTED

LWR #: _____

Name: PIEDMONT INDUSTRIAL SERVICES 8259 Phone: 336 767 7566
Fax: NO FAX

Address: P.O. BOX 5061
WINSTON SALEM, NC 27103

Client Project # 4-3998
Name: Exxon 4-3998 W. Market

Project Mgr: Tom Lennon
Exxon Env. Work Release: 19900714

Exxon Contact: FRANK MEDLIN
[circle one] (EE) or C&M Phone: (704) 524-4263

RAS #: 4-3998
Site Address: 4701 W. Market St. Greensboro
State ID #:

Cooler Seal
Seal Intact

Consultant Receipt
yes no Initial

Laboratory Receipt
yes no Initial

825139198640
Air Bill #

1 # of coolers

Sample Temperature ___ [°C] upon receipt

Sampled by [please print] Alan Duke
Ship Date: 3-16-01

Sampler Signature: Alan Duke

TAT REQUESTED 24hr 48hr 72hr other _____ day (Exxon Std TAT)

FIELD SAMPLE ID	SAE LAB # [for lab use only]	# CONT	Matrix: WATER	SOIL	AIR	SLUDGE	PRODUCT	OTHER	Method Preserved: HCL	HNO3	H2SO4	ICE	NON-PRES	OTHER SPECIFY	Sampling: DATE	TIME	BTEX 602 ☐ 8020 ☒	MTBE ☐	EDB METHOD ___	PETROLEUM HYDROCARBONS, GC, 8015 GAS ☒ DIESEL ☐	TRPH/OIL AND GREASE 418.1 ☐ 9070 ☐ 9071 ☐ 413.1 ☐ 413.2 ☐	PURGEABLE HALOCARBONS 601 ☐ 8010 ☐ 8021 ☐	PURGEABLE AROMATICS 602 ☐ 8020 ☐ 8021 ☐	PCB's ☐	VOLATILE ORGANICS 624 ☐ 8240 TCL ☐ 8260 ☐	EXTRACTABLE ORGANICS 625 ☐ 8270 TCL ☐	PAH's 610 ☐ 8310 ☐ 8100 ☐ 8270 ☐	TCLP METALS ☐ VOA's ☐ BNA's ☐ P/H ☐ TOTAL ☐	METALS RCRA ☐ PP ☐ TAL ☐	LEAD 238.2 ☐ 200.7 ☐ 6010 ☐ 7421 ☐	CORROSIVITY ☐ REACTIVITY ☐	FP OPEN CUP ☐ CLOSED CUP ☐	OTHER
Site Air	35465	1			X										3-16-01	300	X			X													

SPECIAL DETECTION LIMITS:

REPORTING LIMITS:

CLIENT REMARKS:

STORAGE LOCATION:

		DATE	TIME
Relinquished by Sampler: Alan Duke	Company / Affiliation: P.I.S.	3-16-01	430
Relinquished by:	Company / Affiliation:	DATE	TIME
Received by:		DATE	TIME
Received by:		DATE	TIME

TestAmerica
INCORPORATED

ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Project: 4-3998
Project Name: EXXON 4-3998
Sampler: ALAN DUKE

Lab Number: 01-A35465
Sample ID: SVE AIR
Sample Type: AIR
Site ID:

Date Collected: 3/16/01
Time Collected: 15:00
Date Received: 3/17/01
Time Received: 9:00

Analyte	Result mg/m3	Result PPMV	Dilution Factor	Analysis Date	Analysis Time	Analyst	Method
Toluene	19.6	5.11	1.	3/17/01	17:29	CHollingsw	EPA-18
Benzene	7.00	2.15	1.	3/17/01	17:29	CHollingsw	EPA-18
Xylene	20.4	4.62	1.	3/17/01	17:29	CHollingsw	EPA-18
Ethyl benzene	3.10	0.70	1.	3/17/01	17:29	CHollingsw	EPA-18
TRPH Lo >C4-C10	106.	25.4	1.	3/17/01	17:29	CHollingsw	EPA-18

- Recovery outside Laboratory historical limits.

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: [signature] Report Date: 3/19/01

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
Gail A. Lage, Technical Serv.
Glenn L. Norton, Technical Serv.
Kelly S. Comstock, Technical Serv.
Pamela A. Langford, Technical Serv.

Laboratory Certification Number: 387

End of Sample Report.

TestAmerica
INCORPORATED

PROJECT QUALITY CONTROL DATA
Project Number: 4-3998

- Value outside Laboratory historical QC limits.

2960 Foster Creighton Drive / Nashville,TN 37204 / 615-726-0177 / Fax: 615-726-0954 / 800-765-0980

SPECIALIZED ASSAYS ENVIRONMENTAL
2960 Foster Creighton Dr.
Nashville, Tennessee 37204

732948

1-800-765-0980
615-726-0177
Fax: 615-726-3404

EXXON COMPANY USA

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUESTED

LWR #:

Name: PIEDMONT INDUSTRIAL SERVICES 8659
Phone: 336 767 7521
Fax: NO FAX

Address: P.O. BOX 5061
WINSTON SALEM, NC 27103

Client Project # 4-3998
Name:

Project Mgr: Tom Lennon
Exxon Env. Work Release: 1990714

Exxon Contact: FRANK MEDLIN
[circle one] EE or C&M Phone: 704 529-4209

RAS #: 4-3998
Site Address: W. Market St. Greensboro
State ID #: NC

Cooler Seal
Seal Intact
Consultant Receipt: yes no Initial
Laboratory Receipt: yes no Initial

Air Bill # 825139198560 1 # of coolers
Sample Temperature NA [*C] upon receipt

Sampled by [please print] Alan Duke
Ship Date: 4-6-01
Sampler Signature: Alan Duke

TAT REQUESTED 24hr 48hr 72hr other _____ day Exxon Std TAT

FIELD SAMPLE ID	SAE LAB # [for lab use only]	# CONT	Matrix: WATER	SOIL	AIR	SLUDGE	PRODUCT	OTHER	Method Preserved: HCL	HNO3	H2SO4	ICE	NON-PRES	OTHER SPECIFY	Sampling: DATE	TIME	BTEX 602 ☐ 8020 ☒	MTBE ☐	EDB METHOD ____	PETROLEUM HYDROCARBONS, GC, 8015 GAS ☒ DIESEL ☐	TRPH/OIL AND GREASE 418.1 ☐ 9070 ☐ 9071 ☐ 413.1 ☐ 413.2 ☐	PURGEABLE HALOCARBONS 601 ☐ 8010 ☐ 8021 ☐	PURGEABLE AROMATICS 602 ☐ 8020 ☐ 8021 ☐	PCB's ☐	VOLATILE ORGANICS 624 ☐ 8240 TCL ☐ 8260 ☐	EXTRACTABLE ORGANICS 625 ☐ 8270 TCL ☐	PAH's 610 ☐ 8310 ☐ 8100 ☐ 8270 ☐	TCLP METALS ☐ VOA's ☐ BNA's ☐ P/H ☐ TOTAL ☐	METALS RCRA ☐ PP ☐ TAL ☐	LEAD 238.2 ☐ 200.7 ☐ 6010 ☐ 7421 ☐	CORROSIVITY ☐ REACTIVITY ☐	FP OPEN CUP ☐ CLOSED CUP ☐	OTHER
SVE AFE	46661	1			X										4-6-01	815	X			X														

SPECIAL DETECTION LIMITS:

REPORTING LIMITS:

CLIENT REMARKS:

STORAGE LOCATION:

		DATE	TIME
Relinquished by Sampler: Alan Duke	Company / Affiliation: P.I.S.	4-6-01	1230
Relinquished by:	Company / Affiliation:		

		DATE	TIME
Received by:			
Received by: C.W.M.		4.7.01	0900

TestAmerica
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ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A46661
Sample ID: SVE AIR
Sample Type: AIR
Site ID:

Project: 4-3998
Project Name: EXXON 4-3998
Sampler: ALAN DUKE

Date Collected: 4/ 6/01
Time Collected: 8:15
Date Received: 4/ 7/01
Time Received: 9:00

Analyte	Result mg/m3	Result PPMV	Dilution Factor	Analysis Date	Analysis Time	Analyst	Method
Toluene	18.8	4.90	1.	4/ 9/01	21:06	CHollingsw	EPA-18
Benzene	5.60	1.72	1.	4/ 9/01	21:06	CHollingsw	EPA-18
Xylene	9.00	2.04	1.	4/ 9/01	21:06	CHollingsw	EPA-18
Ethyl benzene	1.70	0.385	1.	4/ 9/01	21:06	CHollingsw	EPA-18
TRPH Lo >C4-C10	93.9	22.5	1.	4/ 9/01	21:06	CHollingsw	EPA-18

- Recovery outside Laboratory historical limits.

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: [signature] Report Date: 4/12/01

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
Gail A. Lage, Technical Serv.
Glenn L. Norton, Technical Serv.
Kelly S. Comstock, Technical Serv.
Pamela A. Langford, Technical Serv.

Laboratory Certification Number: 387

End of Sample Report.

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PROJECT QUALITY CONTROL DATA
Project Number: 4-3998

- Value outside Laboratory historical QC limits.

2960 Foster Creighton Drive / Nashville,TN 37204 / 615-726-0177 / Fax: 615-726-0954 / 800-765-0980

SPECIALIZED ASSAYS ENVIRONMENTAL
2960 Foster Creighton Dr.
Nashville, Tennessee 37204

238522

1-800-765-0980
615-726-0177
Fax: 615-726-3404

EXXON COMPANY USA

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUESTED

LWR #: 21011703

Name: PIEDMONT INDUSTRIAL SERVICES 8237 Phone: 336 767 7522
Fax: NO FAX

Address: P.O. BOX 5061
WINSTON SALEM, NC 27103

Client Project # Exxon
Name: 4-3998

Project Mgr: Tom Lenhon

Exxon Env. Work Release: 19990714

Exxon Contact: FRANK MEDLIN

[circle one] EE or C&M Phone: (704) 559-4209

RAS #: 4-3998

Site Address: 4701 W. Market St. Greensboro

State ID #:

Cooler Seal
Seal Intact

Consultant Receipt
yes no Initial

Laboratory Receipt
yes no Initial

Air Bill # 825139198776

1 # of coolers

Sample Temperature ___ [*C] upon receipt

Sampled by [please print] Alan Duke

Sampler Signature: Alan Duke

Ship Date: 5-23-01

TAT REQUESTED 24hr 48hr 72hr other _____ day

Exxon Std TAT

FIELD SAMPLE ID	SAE LAB # [for lab use only]	# CONT	Matrix: WATER	SOIL	AIR	SLUDGE	PRODUCT	OTHER	Method Preserved: HCL	HNO3	H2SO4	ICE	NON-PRES	OTHER SPECIFY	Sampling: DATE	TIME	BTEX 602 ☐ 8020 ☒	MTBE ☐	EDB METHOD ___	PETROLEUM HYDROCARBONS, GC, 8015 GAS ☐ DIESEL ☒	TRPH/OIL AND GREASE 418.1 ☐ 9070 ☐ 9071 ☐ 413.1 ☐ 413.2 ☐	PURGEABLE HALOCARBONS 601 ☐ 8010 ☐ 8021 ☐	PURGEABLE AROMATICS 602 ☐ 8020 ☐ 8021 ☐	PCB's ☐	VOLATILE ORGANICS 624 ☐ 8240 TCL ☐ 8260 ☐	EXTRACTABLE ORGANICS 625 ☐ 8270 TCL ☐	PAH's 610 ☐ 8310 ☐ 8100 ☐ 8270 ☐	TCLP METALS ☐ VOA's ☐ BNA's ☐ P/H ☐ TOTAL ☐	METALS RCRA ☐ PP ☐ TAL ☐	LEAD 238.2 ☐ 200.7 ☐ 6010 ☐ 7421 ☐	CORROSIVITY ☐ REACTIVITY ☐	FP OPEN CUP ☐ CLOSED CUP ☐
SVE 42R	68836	1			X										5-23	1120	X			X											

SPECIAL DETECTION LIMITS:

REPORTING LIMITS:

CLIENT REMARKS:

STORAGE LOCATION:

Relinquished by Sampler: Alan Duke	DATE	TIME
Company / Affiliation: P.I.S.	5-23-01	400

Relinquished by:	DATE	TIME
Company / Affiliation:		

Received by:	DATE	TIME

Received by:	DATE	TIME
C. Wh	5-24-01	0900

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ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A68836
Sample ID: SVE AIR
Sample Type: AIR
Site ID:

Date Collected: 5/23/01
Time Collected: 11:20
Date Received: 5/24/01
Time Received: 9:00

Project:
Project Name: EXXON 4-3998
Sampler: ALAN DUKE

Analyte	Result mg/m3	Result PPMV	Dilution Factor	Analysis Date	Analysis Time	Analyst	Method
Toluene	5.40	1.41	1.	5/24/01	18:49	CHollingsw	EPA-18
Benzene	3.60	1.11	1.	5/24/01	18:49	CHollingsw	EPA-18
Xylene	7.50	1.70	1.	5/24/01	18:49	CHollingsw	EPA-18
Ethyl benzene	< 0.500	< 0.113	1.	5/24/01	18:49	CHollingsw	EPA-18
TRPH Lo >C4-C10	50.8	12.2	1.	5/24/01	18:49	CHollingsw	EPA-18

- Recovery outside Laboratory historical limits.
M - Modification to method.

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: 5/29/01

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
Gail A. Lage, Technical Serv.
Glenn L. Norton, Technical Serv.
Kelly S. Comstock, Technical Serv.
Pamela A. Langford, Technical Serv.

Laboratory Certification Number: 387

End of Sample Report.

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ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A77443
Sample ID: MW-1
Sample Type: Water
Site ID:

Project: #4-3998
Project Name: EXXON 4-3998
Matrix: Water
Received condition: Good
Sampler: ALAN DUKE

Date Collected: 6/ 7/01
Time Collected: 12:00
Date Received: 6/ 8/01
Preservative: HCl
Temperature: 4 degrees C
Time Received: 9:00

VPH Initial Calibration Date: 5/29/01

Range	MDL	ML	Report Limit (ug/l)
C5-C8 Aliphatics	20	64	100
C9-C12 Aliphatics	8	25	100
C9-C10 Aromatics	8	25	100

Calibrataion Range	Level (ug/l)	CCC
C5-C8 Aliphatics	75	
	150	
	300	
	600	
	1125	0.999
C9-C12 Aliphatics	55	
	110	
	220	
	440	
	825	0.996
C9-C10 Aromatics	10	
	20	
	40	
	80	
	100	0.999

Continuing Calibration Check Date: 6/14/01

Range	Level (ug/l)	%D

Sample report continued . . .

SPECIALIZED ASSAYS ENVIRONMENTAL
2960 Foster Creighton Dr.
Nashville, Tennessee 37204
1-800-765-0980
615-726-0177
Fax: 615-726-3404

EXXON COMPANY USA

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUESTED

LWR #: 21011703

Name:
Phone:
Fax:
Address
Client Project # 4-3998
Name: Exxon
Project Mgr: Tom Lawrow
Exxon Env. Work Release: 19900714
Exxon Contact:
[circle one] EP or C&M Phone: 704 579-4263
RAS #: 4-3998
Site Address: 4201 W. Market St. Greensboro
State ID #:
Cooler Seal
Seal Intact
Consultant Receipt yes no Initial
Laboratory Receipt yes no Initial
Air Bill # 8245397975 70
1 # of coolers
Sample Temperature ___ [°C] upon receipt
Sampled by (please print): Alan Duke
Sampler Signature:
Ship Date: 6-7-01

TAT REQUESTED 24hr 48hr 72hr other _____ day Exxon Std TAT

FIELD SAMPLE ID	SAE LAB # [for lab use only]	# CONT	Matrix: WATER	SOIL	AIR	SLUDGE	PRODUCT	OTHER	Method Preserved: HCL	HNO3	H2SO4	ICE	NON-PRES	OTHER SPECIFY	Sampling: DATE	TIME	BTEX 602 8020	MTBE	EDB METHOD ___	PETROLEUM HYDROCARBONS, GC, 8015 GAS DIESEL	TRPH/OIL AND GREASE 418.1 413.1 413.2	PURGEABLE HALOCARBONS 601 8010 8021	PURGEABLE AROMATICS 602 8020 8021	PCB's	VOLATILE ORGANICS 624 8240 TCL 8260	EXTRACTABLE ORGANICS 625 8270 TCL	PAH's 610 8310 8100 8270	TCLP METALS VOA's BNA's P/I TOTAL	METALS RCRA PP TAL	LEAD 238.2 200.7 6010 7421	CORROSIVITY REACTIVITY	FP OPEN CUP CLOSED CUP	OTHER: 602 + IPI + (MTBE + Xylene)	EDB 504.1	MADEP VPH	LEAD 3030C
MW-1		5	X						X	X					6-7	1200																	X	X	X	X
MW-2		5	X						X	X					6-7	1035																	X	X	X	X
MW-3		5	X						X	X					6-7	1140																	X	X	X	X
MW-4		5	X						X	X					6-7	1410																	X	X	X	X
MW-7		5	X						X	X					6-7	1500																	X	X	X	X
MW-8		5	X						X	X					6-7	1430																	X	X	X	X
MW-9		5	X						X	X					6-7	930																	X	X	X	X
MW-12		5	X						X	X					6-7	1134																	X	X	X	X
Trip Blank		1	X						X						6-7		X																			

SPECIAL DETECTION LIMITS:

REPORTING LIMITS:

CLIENT REMARKS:

STORAGE LOCATION:

	DATE	TIME
Relinquished by Sampler: Company / Affiliation: P.I.G.	6-7-01	1600
Relinquished by: Company / Affiliation:		
Received by:		
Received by:		

TestAmerica
INCORPORATED

ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Project: #4-3998
Project Name: EXXON 4-3998
Matrix: Water
Received condition: Good
Sampler: ALAN DUKE

Lab Number: 01-A77443
Sample ID: MW-1
Sample Type: Water
Site ID:

Date Collected: 6/ 7/01
Time Collected: 12:00
Date Received: 6/ 8/01
Preservative: HCl
Temperature: 4 degrees C
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VPH C5-C8 Aliphatics	3040	ug/l	1000	100.	10.0	6/14/01	18:28	McCutcheon	VPH-98-1	7894
VPH C9-C12 Aliphatics	6280	ug/l	1000	100.	10.0	6/14/01	18:28	McCutcheon	VPH-98-1	7894
VPH C9-C10 Aromatics	4710	ug/l	1000	100.	10.0	6/14/01	18:28	McCutcheon	VPH-98-1	7894
ORGANIC PARAMETERS										
Benzene	161.	ug/l	10.0	1.00	10	6/15/01	12:22	S. Stuart	602	2384
Toluene	37.0	ug/l	10.0	1.00	10	6/15/01	12:22	S. Stuart	602	2384
Ethylbenzene	129.	ug/l	10.0	1.00	10	6/15/01	12:22	S. Stuart	602	2384
Xylenes, total	737.	ug/l	10.0	1.00	10	6/15/01	12:22	S. Stuart	602	2384
Methyl-t-butylether	16.0	ug/l	10.0	1.00	10	6/15/01	12:22	S. Stuart	602	2384
Isopropyl ether	343.	ug/l	10.0	1.00	10	6/15/01	12:22	S. Stuart	602	2384
VOLATILE ORGANICS by GC										
Ethylene Dibromide	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	601	7900
Chlorobenzene	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	602/601	7900
1,2-Dichlorobenzene	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	602/601	7900
1,3-Dichlorobenzene	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	602/601	7900
1,4-Dichlorobenzene	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	602/601	7900
Bromodichloromethane	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	601	7900
Bromoform	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	601	7900
Bromomethane	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	601	7900
Carbon tetrachloride	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	601	7900
Chloroethane	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	601	7900
2-Chloroethylvinylether	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	601	7900
Chloroform	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	601	7900
Chloromethane	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	601	7900

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 01-A77443
Sample ID: MW-1
Project: #4-3998
Page 2

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Dibromochloromethane	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	601	7900
Vinyl chloride	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	601	7900
Dichlorodifluoromethane	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	601	7900
1,1-Dichloroethane	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	601	7900
1,2-Dichloroethane	30.4	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	601	7900
1,1-Dichloroethene	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	601	7900
cis-1,2-Dichloroethene	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	601	7900
trans-1,2-Dichloroethene	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	601	7900
1,2-Dichloropropane	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	601	7900
cis-1,3-Dichloropropene	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	601	7900
trans-1,3-Dichloropropene	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	601	7900
Methylene chloride	ND	ug/l	5.0	5.0	1	6/11/01	23:06	CHollingsw	601	7900
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	601	7900
Tetrachloroethene	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	601	7900
1,1,1-Trichloroethane	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	601	7900
1,1,2-Trichloroethane	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	601	7900
Trichloroethene	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	601	7900
Trichlorofluoromethane	ND	ug/l	1.0	1.0	1	6/11/01	23:06	CHollingsw	601	7900
Ethylene Dibromide	0.41	ug/l	0.02	0.02	1	6/13/01	8:25	Carmichael	504.1	8554
METALS										
Lead	ND	mg/l	0.0030	0.0030	1	6/12/01	15:32	G.McCord	3030c	8061

ND = Not detected at the report limit.

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	101.	67. - 135.
PID Surr., a,a,a-trifluorotoluene	88.	50. - 150.
VPH Surr., PID	106.	70. - 130.
VPH surr., FID	114.	70. - 130.
Hall Surr., 2-chloropropane	87.	50. - 128.
Hall Surr., chloroprene	89.	55. - 123.
Hall Surr., 1-chloro-3-fluorobenzene	99.	49. - 132.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A77443
Sample ID: MW-1
Project: #4-3998

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

Unadjusted hydrocarbon range data exclude concentrations of any surrogate and internal standards eluting in that range.

CERTIFICATION

All QA/QC procedures REQUIRED by the VPH/EPH method(s) were followed.
All performance/acceptance standards for required QA/QC procedures were achieved.

Authorized by: _____
Michael H. Dunn, M.S., Technical Dir.
Eric Smith, Asst. Technical. Dir.
Johnny A. Mitchell, Technical Serv. Dir.
Gail A Lage, Technical Services

Laboratory Certification Number: 387

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A77444
Sample ID: MW-2
Sample Type: Water
Site ID:

Project: #4-3998
Project Name: EXXON 4-3998
Matrix: Water
Received condition: Good
Sampler: ALAN DUKE

Date Collected: 6/ 7/01
Time Collected: 10:35
Date Received: 6/ 8/01
Preservative: HCl
Temperature: 4 degrees C
Time Received: 9:00

VPH Initial Calibration Date: 5/29/01

Range	MDL	ML	Report Limit (ug/l)
C5-C8 Aliphatics	20	64	100
C9-C12 Aliphatics	8	25	100
C9-C10 Aromatics	8	25	100

Calibrataion Range	Level (ug/l)	CCC
C5-C8 Aliphatics	75	
	150	
	300	
	600	
	1125	0.999
C9-C12 Aliphatics	55	
	110	
	220	
	440	
	825	0.996
C9-C10 Aromatics	10	
	20	
	40	
	80	
	100	0.999

Continuing Calibration Check Date: 6/14/01

Range	Level (ug/l)	%D

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A77444
Sample ID: MW-2
Project: #4-3998
Page 2

C5-C8 Aliphatics	300	11.3
C9-C12 Aliphatics	220	15.9
C9-C10 Aromatics	40	1.5

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A77444
Sample ID: MW-2
Sample Type: Water
Site ID:

Project: #4-3998
Project Name: EXXON 4-3998
Matrix: Water
Received condition: Good
Sampler: ALAN DUKE

Date Collected: 6/ 7/01
Time Collected: 10:35
Date Received: 6/ 8/01
Preservative: HCl
Temperature: 4 degrees C
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VPH C5-C8 Aliphatics	47800	ug/l	5000	100.	50.0	6/15/01	12:04	McCutcheon	VPH-98-1	7894
VPH C9-C12 Aliphatics	26500	ug/l	5000	100.	50.0	6/15/01	12:04	McCutcheon	VPH-98-1	7894
VPH C9-C10 Aromatics	7600	ug/l	5000	100.	50.0	6/15/01	12:04	McCutcheon	VPH-98-1	7894
ORGANIC PARAMETERS										
Benzene	6540	ug/l	200.	1.00	200	6/15/01	12:50	S. Stuart	602	2384
Toluene	25000	ug/l	200.	1.00	200	6/15/01	12:50	S. Stuart	602	2384
Ethylbenzene	2940	ug/l	200.	1.00	200	6/15/01	12:50	S. Stuart	602	2384
Xylenes, total	19900	ug/l	200.	1.00	200	6/15/01	12:50	S. Stuart	602	2384
Methyl-t-butylether	ND	ug/l	200.	1.00	200	6/15/01	12:50	S. Stuart	602	2384
Isopropyl ether	5300	ug/l	200.	1.00	200	6/15/01	12:50	S. Stuart	602	2384
VOLATILE ORGANICS by GC										
Ethylene Dibromide	1.0	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	601	7900
Chlorobenzene	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	602/601	7900
1,2-Dichlorobenzene	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	602/601	7900
1,3-Dichlorobenzene	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	602/601	7900
1,4-Dichlorobenzene	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	602/601	7900
Bromodichloromethane	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	601	7900
Bromoform	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	601	7900
Bromomethane	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	601	7900
Carbon tetrachloride	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	601	7900
Chloroethane	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	601	7900
2-Chloroethylvinylether	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	601	7900
Chloroform	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	601	7900
Chloromethane	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	601	7900

Sample report continued . . .

TestAmerica
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ANALYTICAL REPORT

Laboratory Number: 01-A77444
Sample ID: MW-2
Project: #4-3998

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Dibromochloromethane	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	601	7900
Vinyl chloride	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	601	7900
Dichlorodifluoromethane	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	601	7900
1,1-Dichloroethane	1.2	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	601	7900
1,2-Dichloroethane	8.1	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	601	7900
1,1-Dichloroethene	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	601	7900
cis-1,2-Dichloroethene	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	601	7900
trans-1,2-Dichloroethene	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	601	7900
1,2-Dichloropropane	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	601	7900
cis-1,3-Dichloropropene	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	601	7900
trans-1,3-Dichloropropene	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	601	7900
Methylene chloride	ND	ug/l	5.0	5.0	1	6/11/01	23:48	CHollingsw	601	7900
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	601	7900
Tetrachloroethene	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	601	7900
1,1,1-Trichloroethane	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	601	7900
1,1,2-Trichloroethane	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	601	7900
Trichloroethene	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	601	7900
Trichlorofluoromethane	ND	ug/l	1.0	1.0	1	6/11/01	23:48	CHollingsw	601	7900
Ethylene Dibromide	1.45	ug/l	0.04	0.02	2	6/14/01	12:25	Carmichael	504.1	8554
METALS										
Lead	ND	mg/l	0.0030	0.0030	1	6/12/01	15:32	G.McCord	3030c	8061

ND - Not detected at the report limit.

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	100.	67. - 135.
PID Surr., a,a,a-trifluorotoluene	56.	50. - 150.
VPH Surr., PID	109.	70. - 130.
VPH surr., FID	117.	70. - 130.
Hall Surr., 2-chloropropane	84.	50. - 128.
Hall Surr., chloroprene	91.	55. - 123.
Hall Surr., 1-chloro-3-fluorobenzene	95.	49. - 132.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 01-A77444
Sample ID: MW-2
Project: #4-3998

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

Unadjusted hydrocarbon range data exclude concentrations of any surrogate and internal standards eluting in that range.

CERTIFICATION

All QA/QC procedures REQUIRED by the VPH/EPH method(s) were followed.
All performance/acceptance standards for required QA/QC procedures were achieved.

Authorized by: _____
Michael H. Dunn, M.S., Technical Dir.
Eric Smith, Asst. Technical. Dir.
Johnny A. Mitchell, Technical Serv. Dir.
Gail A Lage, Technical Services

Laboratory Certification Number: 387

End of Sample Report.

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ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A77445
Sample ID: MW-3
Sample Type: Water
Site ID:

Date Collected: 6/ 7/01
Time Collected: 11:40
Date Received: 6/ 8/01
Preservative: HCl
Temperature: 4 degrees C
Time Received: 9:00

Project: #4-3998
Project Name: EXXON 4-3998
Matrix: Water
Received condition: Good
Sampler: ALAN DUKE

VPH Initial Calibration Date: 5/29/01

Range	MDL	ML	Report Limit (ug/l)
C5-C8 Aliphatics	20	64	100
C9-C12 Aliphatics	8	25	100
C9-C10 Aromatics	8	25	100

Calibrataion Range	Level (ug/l)	CCC
C5-C8 Aliphatics	75	
	150	
	300	
	600	
	1125	0.999
C9-C12 Aliphatics	55	
	110	
	220	
	440	
	825	0.996
C9-C10 Aromatics	10	
	20	
	40	
	80	
	100	0.999

Continuing Calibration Check Date: 6/14/01

Range	Level (ug/l)	%D

Sample report continued . . .

TestAmerica
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ANALYTICAL REPORT

Laboratory Number: 01-A77445
Sample ID: MW-3
Project: #4-3998
Page 2

C5-C8 Aliphatics	300	11.3
C9-C12 Aliphatics	220	15.9
C9-C10 Aromatics	40	1.5

Sample report continued . . .

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ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Project: #4-3998
Project Name: EXXON 4-3998
Matrix: Water
Received condition: Good
Sampler: ALAN DUKE

Lab Number: 01-A77445
Sample ID: MW-3
Sample Type: Water
Site ID:

Date Collected: 6/ 7/01
Time Collected: 11:40
Date Received: 6/ 8/01
Preservative: HCl
Temperature: 4 degrees C
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VPH C5-C8 Aliphatics	15900	ug/l	2000	100.	20.0	6/15/01	10:12	McCutcheon	VPH-98-1	7894
VPH C9-C12 Aliphatics	8830	ug/l	2000	100.	20.0	6/15/01	10:12	McCutcheon	VPH-98-1	7894
VPH C9-C10 Aromatics	2200	ug/l	2000	100.	20.0	6/15/01	10:12	McCutcheon	VPH-98-1	7894
ORGANIC PARAMETERS										
Benzene	1340	ug/l	50.0	1.00	50	6/15/01	13:18	S. Stuart	602	2384
Toluene	6120	ug/l	50.0	1.00	50	6/15/01	13:18	S. Stuart	602	2384
Ethylbenzene	490.	ug/l	50.0	1.00	50	6/15/01	13:18	S. Stuart	602	2384
Xylenes, total	3850	ug/l	50.0	1.00	50	6/15/01	13:18	S. Stuart	602	2384
Methyl-t-butylether	ND	ug/l	50.0	1.00	50	6/15/01	13:18	S. Stuart	602	2384
Isopropyl ether	510.	ug/l	50.0	1.00	50	6/15/01	13:18	S. Stuart	602	2384
VOLATILE ORGANICS by GC										
Ethylene Dibromide	30.5	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	601	7900
Chlorobenzene	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	602/601	7900
1,2-Dichlorobenzene	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	602/601	7900
1,3-Dichlorobenzene	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	602/601	7900
1,4-Dichlorobenzene	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	602/601	7900
Bromodichloromethane	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	601	7900
Bromoform	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	601	7900
Bromomethane	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	601	7900
Carbon tetrachloride	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	601	7900
Chloroethane	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	601	7900
2-Chloroethylvinylether	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	601	7900
Chloroform	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	601	7900
Chloromethane	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	601	7900

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A77445
Sample ID: MW-3
Project: #4-3998

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Dibromochloromethane	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	601	7900
Vinyl chloride	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	601	7900
Dichlorodifluoromethane	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	601	7900
1,1-Dichloroethane	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	601	7900
1,2-Dichloroethane	92.3	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	601	7900
1,1-Dichloroethene	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	601	7900
cis-1,2-Dichloroethene	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	601	7900
trans-1,2-Dichloroethene	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	601	7900
1,2-Dichloropropane	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	601	7900
cis-1,3-Dichloropropene	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	601	7900
trans-1,3-Dichloropropene	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	601	7900
Methylene chloride	ND	ug/l	5.0	5.0	1	6/12/01	0:30	CHollingsw	601	7900
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	601	7900
Tetrachloroethene	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	601	7900
1,1,1-Trichloroethane	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	601	7900
1,1,2-Trichloroethane	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	601	7900
Trichloroethene	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	601	7900
Trichlorofluoromethane	ND	ug/l	1.0	1.0	1	6/12/01	0:30	CHollingsw	601	7900
Ethylene Dibromide	34.2	ug/l	1.00	0.02	50	6/13/01	12:49	Carmichael	504.1	8554
METALS										
Lead	0.127	mg/l	0.0030	0.0030	1	6/12/01	15:32	G.McCord	3030c	8061

ND = Not detected at the report limit.

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	100.	67. - 135.
PID Surr., a,a,a-trifluorotoluene	120.	50. - 150.
VPH Surr., PID	85.	70. - 130.
VPH surr., FID	76.	70. - 130.
Hall Surr., 2-chloropropane	82.	50. - 128.
Hall Surr., chloroprene	85.	55. - 123.
Hall Surr., 1-chloro-3-fluorobenzene	108.	49. - 132.

Sample report continued . . .

TestAmerica
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ANALYTICAL REPORT

Laboratory Number: 01-A77445
Sample ID: MW-3
Project: #4-3998
Page 3

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

Unadjusted hydrocarbon range data exclude concentrations of any surrogate and internal standards eluting in that range.

CERTIFICATION

All QA/QC procedures REQUIRED by the VPH/EPH method(s) were followed.
All performance/acceptance standards for required QA/QC procedures were achieved.

Authorized by: _____
Michael H. Dunn, M.S., Technical Dir.
Eric Smith, Asst. Technical. Dir.
Johnny A. Mitchell, Technical Serv. Dir.
Gail A Lage, Technical Services

Laboratory Certification Number: 387

End of Sample Report.

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ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A77446
Sample ID: MW-4
Sample Type: Water
Site ID:

Project: #4-3998
Project Name: EXXON 4-3998
Matrix: Water
Received condition: Good
Sampler: ALAN DUKE

Date Collected: 6/ 7/01
Time Collected: 14:10
Date Received: 6/ 8/01
Preservative: HCl
Temperature: 4 degrees C
Time Received: 9:00

VPH Initial Calibration Date: 5/29/01

Range	MDL	ML	Report Limit (ug/l)
C5-C8 Aliphatics	20	64	100
C9-C12 Aliphatics	8	25	100
C9-C10 Aromatics	8	25	100

Calibrataion Range	Level (ug/l)	CCC
C5-C8 Aliphatics	75	
	150	
	300	
	600	
	1125	0.999
C9-C12 Aliphatics	55	
	110	
	220	
	440	
	825	0.996
C9-C10 Aromatics	10	
	20	
	40	
	80	
	100	0.999

Continuing Calibration Check Date: 6/14/01

Range	Level (ug/l)	%D

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 01-A77446
Sample ID: MW-4
Project: #4-3998

C5-C8 Aliphatics	300	11.3
C9-C12 Aliphatics	220	15.9
C9-C10 Aromatics	40	1.5

Sample report continued . . .

TestAmerica
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ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Project: #4-3998
Project Name: EXXON 4-3998
Matrix: Water
Received condition: Good
Sampler: ALAN DUKE

Lab Number: 01-A77446
Sample ID: MW-4
Sample Type: Water
Site ID:

Date Collected: 6/ 7/01
Time Collected: 14:10
Date Received: 6/ 8/01
Preservative: HCl
Temperature: 4 degrees C
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VPH C5-C8 Aliphatics	192.	ug/l	100.	100.	1.0	6/15/01	10:49	McCutcheon	VPH-98-1	7894
VPH C9-C12 Aliphatics	157.	ug/l	100.	100.	1.0	6/15/01	10:49	McCutcheon	VPH-98-1	7894
VPH C9-C10 Aromatics	ND	ug/l	100.	100.	1.0	6/15/01	10:49	McCutcheon	VPH-98-1	7894
ORGANIC PARAMETERS										
Benzene	23.5	ug/l	1.00	1.00	1	6/14/01	1:45	S. Stuart	602	8779
Toluene	2.40	ug/l	1.00	1.00	1	6/14/01	1:45	S. Stuart	602	8779
Ethylbenzene	2.10	ug/l	1.00	1.00	1	6/14/01	1:45	S. Stuart	602	8779
Xylenes, total	89.1	ug/l	1.00	1.00	1	6/14/01	1:45	S. Stuart	602	8779
Methyl-t-butylether	5.10	ug/l	1.00	1.00	1	6/14/01	1:45	S. Stuart	602	8779
Isopropyl ether	12.8	ug/l	1.00	1.00	1	6/14/01	1:45	S. Stuart	602	8779
VOLATILE ORGANICS by GC										
Ethylene Dibromide	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	601	7900
Chlorobenzene	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	602/601	7900
1,2-Dichlorobenzene	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	602/601	7900
1,3-Dichlorobenzene	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	602/601	7900
1,4-Dichlorobenzene	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	602/601	7900
Bromodichloromethane	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	601	7900
Bromoform	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	601	7900
Bromomethane	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	601	7900
Carbon tetrachloride	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	601	7900
Chloroethane	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	601	7900
2-Chloroethylvinylether	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	601	7900
Chloroform	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	601	7900
Chloromethane	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	601	7900

Sample report continued . . .

TestAmerica
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ANALYTICAL REPORT

Laboratory Number: 01-A77446
Sample ID: MW-4
Project: #4-3998

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Dibromochloromethane	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	601	7900
Vinyl chloride	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	601	7900
Dichlorodifluoromethane	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	601	7900
1,1-Dichloroethane	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	601	7900
1,2-Dichloroethane	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	601	7900
1,1-Dichloroethene	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	601	7900
cis-1,2-Dichloroethene	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	601	7900
trans-1,2-Dichloroethene	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	601	7900
1,2-Dichloropropane	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	601	7900
cis-1,3-Dichloropropene	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	601	7900
trans-1,3-Dichloropropene	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	601	7900
Methylene chloride	ND	ug/l	5.0	5.0	1	6/12/01	2:35	CHollingsw	601	7900
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	601	7900
Tetrachloroethene	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	601	7900
1,1,1-Trichloroethane	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	601	7900
1,1,2-Trichloroethane	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	601	7900
Trichloroethene	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	601	7900
Trichlorofluoromethane	ND	ug/l	1.0	1.0	1	6/12/01	2:35	CHollingsw	601	7900
Ethylene Dibromide	ND	ug/l	0.02	0.02	1	6/13/01	10:17	Carmichael	504.1	8554
METALS										
Lead	ND	mg/l	0.0030	0.0030	1	6/12/01	15:32	G.McCord	3030c	8061

ND - Not detected at the report limit.

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	93.	67. - 135.
PID Surr., a,a,a-trifluorotoluene	98.	50. - 150.
VPH Surr., PID	101.	70. - 130.
VPH surr., FID	103.	70. - 130.
Hall Surr., 2-chloropropane	86.	50. - 128.
Hall Surr., chloroprene	89.	55. - 123.
Hall Surr., 1-chloro-3-fluorobenzene	99.	49. - 132.

Sample report continued . . .

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Laboratory Number: 01-A77446
Sample ID: MW-4
Project: #4-3998
Page 3

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

Unadjusted hydrocarbon range data exclude concentrations of any surrogate and internal standards eluting in that range.

CERTIFICATION

All QA/QC procedures REQUIRED by the VPH/EPH method(s) were followed.
All performance/acceptance standards for required QA/QC procedures were achieved.

Authorized by: _____
Michael H. Dunn, M.S., Technical Dir.
Eric Smith, Asst. Technical. Dir.
Johnny A. Mitchell, Technical Serv. Dir.
Gail A Lage, Technical Services

Laboratory Certification Number: 387

End of Sample Report.

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ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Project: #4-3998
Project Name: EXXON 4-3998
Matrix: Water
Received condition: Good
Sampler: ALAN DUKE

Lab Number: 01-A77447
Sample ID: MW-7
Sample Type: Water
Site ID:

Date Collected: 6/ 7/01
Time Collected: 15:00
Date Received: 6/ 8/01
Preservative: HCl
Temperature: 4 degrees C
Time Received: 9:00

VPH Initial Calibration Date: 5/29/01

Range	MDL	ML	Report Limit (ug/l)
C5-C8 Aliphatics	20	64	100
C9-C12 Aliphatics	8	25	100
C9-C10 Aromatics	8	25	100

Calibrataion Range	Level (ug/l)	CCC
C5-C8 Aliphatics	75	
	150	
	300	
	600	
	1125	0.999
C9-C12 Aliphatics	55	
	110	
	220	
	440	
	825	0.996
C9-C10 Aromatics	10	
	20	
	40	
	80	
	100	0.999

Continuing Calibration Check Date: 6/14/01

Range	Level (ug/l)	%D

Sample report continued . . .

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Laboratory Number: 01-A77447
Sample ID: MW-7
Project: #4-3998
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C5-C8 Aliphatics	300	11.3
C9-C12 Aliphatics	220	15.9
C9-C10 Aromatics	40	1.5

Sample report continued . . .

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ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Project: #4-3998
Project Name: EXXON 4-3998
Matrix: Water
Received condition: Good
Sampler: ALAN DUKE

Lab Number: 01-A77447
Sample ID: MW-7
Sample Type: Water
Site ID:

Date Collected: 6/ 7/01
Time Collected: 15:00
Date Received: 6/ 8/01
Preservative: HCl
Temperature: 4 degrees C
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VPH C5-C8 Aliphatics	1770	ug/l	100.	100.	1.0	6/14/01	2:11	McCutcheon	VPH-98-1	7894
VPH C9-C12 Aliphatics	ND	ug/l	100.	100.	1.0	6/14/01	2:11	McCutcheon	VPH-98-1	7894
VPH C9-C10 Aromatics	ND	ug/l	100.	100.	1.0	6/14/01	2:11	McCutcheon	VPH-98-1	7894
ORGANIC PARAMETERS										
Benzene	16.6	ug/l	1.00	1.00	1	6/14/01	2:13	S. Stuart	602	8779
Toluene	11.2	ug/l	1.00	1.00	1	6/14/01	2:13	S. Stuart	602	8779
Ethylbenzene	3.20	ug/l	1.00	1.00	1	6/14/01	2:13	S. Stuart	602	8779
Xylenes, total	32.3	ug/l	1.00	1.00	1	6/14/01	2:13	S. Stuart	602	8779
Methyl-t-butylether	35.4	ug/l	1.00	1.00	1	6/14/01	2:13	S. Stuart	602	8779
Isopropyl ether	6.50	ug/l	1.00	1.00	1	6/14/01	2:13	S. Stuart	602	8779
VOLATILE ORGANICS by GC										
Ethylene Dibromide	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	601	7900
Chlorobenzene	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	602/601	7900
1,2-Dichlorobenzene	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	602/601	7900
1,3-Dichlorobenzene	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	602/601	7900
1,4-Dichlorobenzene	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	602/601	7900
Bromodichloromethane	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	601	7900
Bromoform	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	601	7900
Bromomethane	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	601	7900
Carbon tetrachloride	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	601	7900
Chloroethane	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	601	7900
2-Chloroethylvinylether	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	601	7900
Chloroform	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	601	7900
Chloromethane	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	601	7900

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 01-A77447
Sample ID: MW-7
Project: #4-3998

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Dibromochloromethane	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	601	7900
Vinyl chloride	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	601	7900
Dichlorodifluoromethane	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	601	7900
1,1-Dichloroethane	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	601	7900
1,2-Dichloroethane	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	601	7900
1,1-Dichloroethene	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	601	7900
cis-1,2-Dichloroethene	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	601	7900
trans-1,2-Dichloroethene	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	601	7900
1,2-Dichloropropane	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	601	7900
cis-1,3-Dichloropropene	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	601	7900
trans-1,3-Dichloropropene	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	601	7900
Methylene chloride	ND	ug/l	5.0	5.0	1	6/12/01	3:17	CHollingsw	601	7900
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	601	7900
Tetrachloroethene	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	601	7900
1,1,1-Trichloroethane	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	601	7900
1,1,2-Trichloroethane	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	601	7900
Trichloroethene	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	601	7900
Trichlorofluoromethane	ND	ug/l	1.0	1.0	1	6/12/01	3:17	CHollingsw	601	7900
Ethylene Dibromide	ND	ug/l	0.02	0.02	1	6/13/01	10:45	Carmichael	504.1	8554
METALS										
Lead	0.0060	mg/l	0.0030	0.0030	1	6/12/01	15:32	G.McCord	3030c	8061

ND - Not detected at the report limit.

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	85.	67. - 135.
PID Surr., a,a,a-trifluorotoluene	99.	50. - 150.
VPH Surr., PID	96.	70. - 130.
VPH surr., FID	106.	70. - 130.
Hall Surr., 2-chloropropane	87.	50. - 128.
Hall Surr., chloroprene	88.	55. - 123.
Hall Surr., 1-chloro-3-fluorobenzene	97.	49. - 132.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 01-A77447
Sample ID: MW-7
Project: #4-3998

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

Unadjusted hydrocarbon range data exclude concentrations of any surrogate and internal standards eluting in that range.

CERTIFICATION

All QA/QC procedures REQUIRED by the VPH/EPH method(s) were followed.
All performance/acceptance standards for required QA/QC procedures were achieved.

Authorized by: _____
Michael H. Dunn, M.S., Technical Dir.
Eric Smith, Asst. Technical. Dir.
Johnny A. Mitchell, Technical Serv. Dir.
Gail A Lage, Technical Services

Laboratory Certification Number: 387

End of Sample Report.

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ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A77448
Sample ID: DW-8
Sample Type: Water
Site ID:

Project: #4-3998
Project Name: EXXON 4-3998
Matrix: Water
Received condition: Good
Sampler: ALAN DUKE

Date Collected: 6/ 7/01
Time Collected: 14:30
Date Received: 6/ 8/01
Preservative: HCl
Temperature: 4 degrees C
Time Received: 9:00

VPH Initial Calibration Date: 5/29/01

Range	MDL	ML	Report Limit (ug/l)
C5-C8 Aliphatics	20	64	100
C9-C12 Aliphatics	8	25	100
C9-C10 Aromatics	8	25	100

Calibrataion Range	Level (ug/l)	CCC
C5-C8 Aliphatics	75	
	150	
	300	
	600	
	1125	0.999
C9-C12 Aliphatics	55	
	110	
	220	
	440	
	825	0.996
C9-C10 Aromatics	10	
	20	
	40	
	80	
	100	0.999

Continuing Calibration Check Date: 6/14/01

Range	Level (ug/l)	%D

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 01-A77448
Sample ID: DW-8
Project: #4-3998
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C5-C8 Aliphatics	300	11.3
C9-C12 Aliphatics	220	15.9
C9-C10 Aromatics	40	1.5

Sample report continued . . .

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ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Project: #4-3998
Project Name: EXXON 4-3998
Matrix: Water
Received condition: Good
Sampler: ALAN DUKE

Lab Number: 01-A77448
Sample ID: DW-8
Sample Type: Water
Site ID:

Date Collected: 6/ 7/01
Time Collected: 14:30
Date Received: 6/ 8/01
Preservative: HCl
Temperature: 4 degrees C
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VPH C5-C8 Aliphatics	ND	ug/l	100.	100.	1.0	6/14/01	21:48	McCutcheon	VPH-98-1	7894
VPH C9-C12 Aliphatics	ND	ug/l	100.	100.	1.0	6/14/01	21:48	McCutcheon	VPH-98-1	7894
VPH C9-C10 Aromatics	ND	ug/l	100.	100.	1.0	6/14/01	21:48	McCutcheon	VPH-98-1	7894
ORGANIC PARAMETERS										
Benzene	ND	ug/l	1.00	1.00	1	6/14/01	2:41	S. Stuart	602	8779
Toluene	ND	ug/l	1.00	1.00	1	6/15/01	13:46	S. Stuart	602	2384
Ethylbenzene	ND	ug/l	1.00	1.00	1	6/14/01	2:41	S. Stuart	602	8779
Xylenes, total	ND	ug/l	1.00	1.00	1	6/14/01	2:41	S. Stuart	602	8779
Methyl-t-butylether	ND	ug/l	1.00	1.00	1	6/14/01	2:41	S. Stuart	602	8779
Isopropyl ether	ND	ug/l	1.00	1.00	1	6/14/01	2:41	S. Stuart	602	8779
VOLATILE ORGANICS by GC										
Ethylene Dibromide	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	601	7900
Chlorobenzene	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	602/601	7900
1,2-Dichlorobenzene	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	602/601	7900
1,3-Dichlorobenzene	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	602/601	7900
1,4-Dichlorobenzene	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	602/601	7900
Bromodichloromethane	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	601	7900
Bromoform	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	601	7900
Bromomethane	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	601	7900
Carbon tetrachloride	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	601	7900
Chloroethane	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	601	7900
2-Chloroethylvinylether	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	601	7900
Chloroform	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	601	7900
Chloromethane	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	601	7900

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 01-A77448
Sample ID: DW-8
Project: #4-3998
Page 2

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Dibromochloromethane	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	601	7900
Vinyl chloride	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	601	7900
Dichlorodifluoromethane	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	601	7900
1,1-Dichloroethane	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	601	7900
1,2-Dichloroethane	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	601	7900
1,1-Dichloroethene	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	601	7900
cis-1,2-Dichloroethene	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	601	7900
trans-1,2-Dichloroethene	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	601	7900
1,2-Dichloropropane	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	601	7900
cis-1,3-Dichloropropene	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	601	7900
trans-1,3-Dichloropropene	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	601	7900
Methylene chloride	ND	ug/l	5.0	5.0	1	6/12/01	4:00	CHollingsw	601	7900
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	601	7900
Tetrachloroethene	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	601	7900
1,1,1-Trichloroethane	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	601	7900
1,1,2-Trichloroethane	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	601	7900
Trichloroethene	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	601	7900
Trichlorofluoromethane	ND	ug/l	1.0	1.0	1	6/12/01	4:00	CHollingsw	601	7900
Ethylene Dibromide	ND	ug/l	0.02	0.02	1	6/13/01	11:13	Carmichael	504.1	8554
METALS										
Lead	ND	mg/l	0.0030	0.0030	1	6/12/01	15:32	G.McCord	3030c	8061

ND - Not detected at the report limit.

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	101.	67. - 135.
PID Surr., a,a,a-trifluorotoluene	98.	50. - 150.
VPH Surr., PID	99.	70. - 130.
VPH surr., FID	108.	70. - 130.
Hall Surr., 2-chloropropane	86.	50. - 128.
Hall Surr., chloroprene	88.	55. - 123.
Hall Surr., 1-chloro-3-fluorobenzene	96.	49. - 132.

Sample report continued . . .

TestAmerica
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ANALYTICAL REPORT

Laboratory Number: 01-A77448
Sample ID: DW-8
Project: #4-3998
Page 3

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

Unadjusted hydrocarbon range data exclude concentrations of any surrogate and internal standards eluting in that range.

CERTIFICATION

All QA/QC procedures REQUIRED by the VPH/EPH method(s) were followed.
All performance/acceptance standards for required QA/QC procedures were achieved.

Authorized by: _____
Michael H. Dunn, M.S., Technical Dir.
Eric Smith, Asst. Technical. Dir.
Johnny A. Mitchell, Technical Serv. Dir.
Gail A Lage, Technical Services

Laboratory Certification Number: 387

End of Sample Report.

TestAmerica
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ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Project: #4-3998
Project Name: EXXON 4-3998
Matrix: Water
Received condition: Good
Sampler: ALAN DUKE

Lab Number: 01-A77449
Sample ID: MW-9
Sample Type: Water
Site ID:

Date Collected: 6/ 7/01
Time Collected: 9:30
Date Received: 6/ 8/01
Preservative: HCl
Temperature: 4 degrees C
Time Received: 9:00

VPH Initial Calibration Date: 5/29/01

Range	MDL	ML	Report Limit (ug/l)
C5-C8 Aliphatics	20	64	100
C9-C12 Aliphatics	8	25	100
C9-C10 Aromatics	8	25	100

Calibrataion Range	Level (ug/l)	CCC
C5-C8 Aliphatics	75	
	150	
	300	
	600	
	1125	0.999
C9-C12 Aliphatics	55	
	110	
	220	
	440	
	825	0.996
C9-C10 Aromatics	10	
	20	
	40	
	80	
	100	0.999

Continuing Calibration Check Date: 6/14/01

Range	Level (ug/l)	%D

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 01-A77449
Sample ID: MW-9
Project: #4-3998
Page 2

C5-C8 Aliphatics	300	11.3
C9-C12 Aliphatics	220	15.9
C9-C10 Aromatics	40	1.5

Sample report continued . . .

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INCORPORATED

ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Project: #4-3998
Project Name: EXXON 4-3998
Matrix: Water
Received condition: Good
Sampler: ALAN DUKE

Lab Number: 01-A77449
Sample ID: MW-9
Sample Type: Water
Site ID:

Date Collected: 6/ 7/01
Time Collected: 9:30
Date Received: 6/ 8/01
Preservative: HCl
Temperature: 4 degrees C
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VPH C5-C8 Aliphatics	ND	ug/l	100.	100.	1.0	6/14/01	22:25	McCutcheon	VPH-98-1	7894
VPH C9-C12 Aliphatics	137.	ug/l	100.	100.	1.0	6/14/01	22:25	McCutcheon	VPH-98-1	7894
VPH C9-C10 Aromatics	ND	ug/l	100.	100.	1.0	6/14/01	22:25	McCutcheon	VPH-98-1	7894
ORGANIC PARAMETERS										
Benzene	16.9	ug/l	1.00	1.00	1	6/14/01	3:09	S. Stuart	602	8779
Toluene	ND	ug/l	1.00	1.00	1	6/14/01	3:09	S. Stuart	602	8779
Ethylbenzene	1.50	ug/l	1.00	1.00	1	6/14/01	3:09	S. Stuart	602	8779
Xylenes, total	20.7	ug/l	1.00	1.00	1	6/14/01	3:09	S. Stuart	602	8779
Methyl-t-butylether	ND	ug/l	1.00	1.00	1	6/14/01	3:09	S. Stuart	602	8779
Isopropyl ether	16.4	ug/l	1.00	1.00	1	6/14/01	3:09	S. Stuart	602	8779
VOLATILE ORGANICS by GC										
Ethylene Dibromide	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	601	7900
Chlorobenzene	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	602/601	7900
1,2-Dichlorobenzene	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	602/601	7900
1,3-Dichlorobenzene	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	602/601	7900
1,4-Dichlorobenzene	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	602/601	7900
Bromodichloromethane	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	601	7900
Bromoform	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	601	7900
Bromomethane	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	601	7900
Carbon tetrachloride	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	601	7900
Chloroethane	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	601	7900
2-Chloroethylvinylether	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	601	7900
Chloroform	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	601	7900
Chloromethane	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	601	7900

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A77449
Sample ID: MW-9
Project: #4-3998

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Dibromochloromethane	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	601	7900
Vinyl chloride	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	601	7900
Dichlorodifluoromethane	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	601	7900
1,1-Dichloroethane	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	601	7900
1,2-Dichloroethane	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	601	7900
1,1-Dichloroethene	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	601	7900
cis-1,2-Dichloroethene	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	601	7900
trans-1,2-Dichloroethene	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	601	7900
1,2-Dichloropropane	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	601	7900
cis-1,3-Dichloropropene	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	601	7900
trans-1,3-Dichloropropene	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	601	7900
Methylene chloride	ND	ug/l	5.0	5.0	1	6/12/01	4:42	CHollingsw	601	7900
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	601	7900
Tetrachloroethene	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	601	7900
1,1,1-Trichloroethane	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	601	7900
1,1,2-Trichloroethane	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	601	7900
Trichloroethene	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	601	7900
Trichlorofluoromethane	ND	ug/l	1.0	1.0	1	6/12/01	4:42	CHollingsw	601	7900
Ethylene Dibromide	ND	ug/l	0.02	0.02	1	6/13/01	11:41	Carmichael	504.1	8554
METALS										
Lead	ND	mg/l	0.0030	0.0030	1	6/12/01	15:32	G.McCord	3030c	8061

ND = Not detected at the report limit.

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	99.	67. - 135.
PID Surr., a,a,a-trifluorotoluene	97.	50. - 150.
VPH Surr., PID	109.	70. - 130.
VPH surr., FID	120.	70. - 130.
Hall Surr., 2-chloropropane	82.	50. - 128.
Hall Surr., chloroprene	87.	55. - 123.
Hall Surr., 1-chloro-3-fluorobenzene	94.	49. - 132.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A77449
Sample ID: MW-9
Project: #4-3998
Page 3

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

Unadjusted hydrocarbon range data exclude concentrations of any surrogate and internal standards eluting in that range.

CERTIFICATION

All QA/QC procedures REQUIRED by the VPH/EPH method(s) were followed.
All performance/acceptance standards for required QA/QC procedures were achieved.

Authorized by: _____
Michael H. Dunn, M.S., Technical Dir.
Eric Smith, Asst. Technical. Dir.
Johnny A. Mitchell, Technical Serv. Dir.
Gail A Lage, Technical Services

Laboratory Certification Number: 387

End of Sample Report.

TestAmerica
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ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A77450
Sample ID: MW-12
Sample Type: Water
Site ID:

Project: #4-3998
Project Name: EXXON 4-3998
Matrix: Water
Received condition: Good
Sampler: ALAN DUKE

Date Collected: 6/ 7/01
Time Collected: 11:24
Date Received: 6/ 8/01
Preservative: HCl
Temperature: 4 degrees C
Time Received: 9:00

VPH Initial Calibration Date: 5/29/01

Range	MDL	ML	Report Limit (ug/l)
C5-C8 Aliphatics	20	64	100
C9-C12 Aliphatics	8	25	100
C9-C10 Aromatics	8	25	100

Calibrataion Range	Level (ug/l)	CCC
C5-C8 Aliphatics	75	
	150	
	300	
	600	
	1125	0.999
C9-C12 Aliphatics	55	
	110	
	220	
	440	
	825	0.996
C9-C10 Aromatics	10	
	20	
	40	
	80	
	100	0.999

Continuing Calibration Check Date: 6/14/01

Range	Level (ug/l)	%D

Sample report continued . . .

TestAmerica
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ANALYTICAL REPORT

Laboratory Number: 01-A77450
Sample ID: MW-12
Project: #4-3998
Page 2

C5-C8 Aliphatics	300	11.3
C9-C12 Aliphatics	220	15.9
C9-C10 Aromatics	40	1.5

Sample report continued . . .

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ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A77450
Sample ID: MW-12
Sample Type: Water
Site ID:

Project: #4-3998
Project Name: EXXON 4-3998
Matrix: Water
Received condition: Good
Sampler: ALAN DUKE

Date Collected: 6/ 7/01
Time Collected: 11:24
Date Received: 6/ 8/01
Preservative: HCl
Temperature: 4 degrees C
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VPH C5-C8 Aliphatics	11800	ug/l	2000	100.	20.0	6/15/01	11:27	McCutcheon	VPH-98-1	7894
VPH C9-C12 Aliphatics	10700	ug/l	2000	100.	20.0	6/15/01	11:27	McCutcheon	VPH-98-1	7894
VPH C9-C10 Aromatics	2590	ug/l	2000	100.	20.0	6/15/01	11:27	McCutcheon	VPH-98-1	7894
ORGANIC PARAMETERS										
Benzene	1150	ug/l	100.	1.00	100	6/15/01	14:14	S. Stuart	602	2384
Toluene	4370	ug/l	100.	1.00	100	6/15/01	14:14	S. Stuart	602	2384
Ethylbenzene	1360	ug/l	100.	1.00	100	6/15/01	14:14	S. Stuart	602	2384
Xylenes, total	7260	ug/l	100.	1.00	100	6/15/01	14:14	S. Stuart	602	2384
Methyl-t-butylether	130.	ug/l	100.	1.00	100	6/15/01	14:14	S. Stuart	602	2384
Isopropyl ether	730.	ug/l	100.	1.00	100	6/15/01	14:14	S. Stuart	602	2384
VOLATILE ORGANICS by GC										
Ethylene Dibromide	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	601	7900
Chlorobenzene	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	602/601	7900
1,2-Dichlorobenzene	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	602/601	7900
1,3-Dichlorobenzene	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	602/601	7900
1,4-Dichlorobenzene	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	602/601	7900
Bromodichloromethane	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	601	7900
Bromoform	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	601	7900
Bromomethane	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	601	7900
Carbon tetrachloride	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	601	7900
Chloroethane	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	601	7900
2-Chloroethylvinylether	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	601	7900
Chloroform	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	601	7900
Chloromethane	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	601	7900

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A77450
Sample ID: MW-12
Project: #4-3998

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Dibromochloromethane	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	601	7900
Vinyl chloride	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	601	7900
Dichlorodifluoromethane	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	601	7900
1,1-Dichloroethane	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	601	7900
1,2-Dichloroethane	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	601	7900
1,1-Dichloroethene	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	601	7900
cis-1,2-Dichloroethene	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	601	7900
trans-1,2-Dichloroethene	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	601	7900
1,2-Dichloropropane	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	601	7900
cis-1,3-Dichloropropene	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	601	7900
trans-1,3-Dichloropropene	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	601	7900
Methylene chloride	ND	ug/l	5.0	5.0	1	6/12/01	5:24	CHollingsw	601	7900
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	601	7900
Tetrachloroethene	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	601	7900
1,1,1-Trichloroethane	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	601	7900
1,1,2-Trichloroethane	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	601	7900
Trichloroethene	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	601	7900
Trichlorofluoromethane	ND	ug/l	1.0	1.0	1	6/12/01	5:24	CHollingsw	601	7900
Ethylene Dibromide	ND	ug/l	0.02	0.02	1	6/13/01	12:08	Carmichael	504.1	8554
METALS										
Lead	0.0040	mg/l	0.0030	0.0030	1	6/12/01	15:32	G.McCord	3030c	8061

ND - Not detected at the report limit.

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	101.	67. - 135.
PID Surr., a,a,a-trifluorotoluene	75.	50. - 150.
VPH Surr., PID	104.	70. - 130.
VPH surr., FID	110.	70. - 130.
Hall Surr., 2-chloropropane	86.	50. - 128.
Hall Surr., chloroprene	84.	55. - 123.
Hall Surr., 1-chloro-3-fluorobenzene	100.	49. - 132.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A77450
Sample ID: MW-12
Project: #4-3998

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

Unadjusted hydrocarbon range data exclude concentrations of any surrogate and internal standards eluting in that range.

CERTIFICATION

All QA/QC procedures REQUIRED by the VPH/EPH method(s) were followed.
All performance/acceptance standards for required QA/QC procedures were achieved.

Authorized by: _____
Michael H. Dunn, M.S., Technical Dir.
Eric Smith, Asst. Technical. Dir.
Johnny A. Mitchell, Technical Serv. Dir.
Gail A Lage, Technical Services

Laboratory Certification Number: 387

End of Sample Report.

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ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Project: #4-3998
Project Name: EXXON 4-3998
Sampler: ALAN DUKE

Lab Number: 01-A77451
Sample ID: TRIP BLANK
Sample Type: Water
Site ID:

Date Collected: 6/ 7/01
Time Collected:
Date Received: 6/ 8/01
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
Benzene	ND	ug/l	1.00	1.00	1	6/14/01	3:28	S. Stuart	602	8778
Toluene	ND	ug/l	1.00	1.00	1	6/14/01	3:28	S. Stuart	602	8778
Ethylbenzene	ND	ug/l	1.00	1.00	1	6/14/01	3:28	S. Stuart	602	8778
Xylenes, total	ND	ug/l	1.00	1.00	1	6/14/01	3:28	S. Stuart	602	8778

ND - Not detected at the report limit.

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	103.	67. - 135.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

Sample report continued . . .

TestAmerica
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ANALYTICAL REPORT

Laboratory Number: 01-A77451
Sample ID: TRIP BLANK
Project: #4-3998
Page 2

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: 6/15/01

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
Gail A. Lage, Technical Serv.
Glenn L. Norton, Technical Serv.
Kelly S. Comstock, Technical Serv.
Pamela A. Langford, Technical Serv.

Laboratory Certification Number: 387

End of Sample Report.

2960 Foster Creighton Drive / Nashville,TN 37204 / 615-726-0177 / Fax: 615-726-0954 / 800-765-0980

SPECIALIZED ASSAYS ENVIRONMENTAL
2960 Foster Creighton Dr.
Nashville, Tennessee 37204

246856

1-800-765-0980
615-726-0177
Fax: 615-726-3404

EXXON COMPANY USA

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUESTED

LWR #: 21011703

Name: PIEDMONT INDUSTRIAL SERVICES 8257 Phone: 336 767 7522
Fax: NO FAX

Address: P.O. BOX 5061
WINSTON SALEM, NC 27103

Client Project # 4-3998
Name: EXXON

Project Mgr: Tom Lennon
Exxon Env. Work Release: 19900714

Exxon Contact: FRANK MEDLIN [circle one] EE or C&M Phone: 701 529-4263

RAS #: 4-3998
Site Address: 4701 W. Market St. Greensboro
State ID #:

Cooler Seal
Seal Intact yes no Initial

Consultant Receipt
yes no Initial

Laboratory Receipt
yes no Initial

Air Bill # 8262548515 70
1 # of coolers
Sample Temperature 3 [*C] upon receipt

Sampled by [please print] Alan Dle
Ship Date: 7-25-01
Sampler Signature: Alan Dle

TAT REQUESTED 24hr 48hr 72hr other _____ day Exxon Std TAT

FIELD SAMPLE ID	SAE LAB # [for lab use only]	# CONT	Matrix: WATER	SOIL	AIR	SLUDGE	PRODUCT	OTHER	Method Preserved: HCL	HNO3	H2SO4	ICE	NON-PRES	OTHER SPECIFY	Sampling: DATE	TIME	BTEX 602 ☒ 8020 ☐	MTBE ☐	EDB METHOD ____	PETROLEUM HYDROCARBONS, GC, 8015 GAS ☐ DIESEL ☐	TRPH/OIL AND GREASE 418.1 ☐ 9070 ☐ 9071 ☐ 413.1 ☐ 413.2 ☐	PURGEABLE HALOCARBONS 601 ☐ 8010 ☐ 8021 ☐	PURGEABLE AROMATICS 602 ☐ 8020 ☐ 8021 ☐	PCB's ☐	VOLATILE ORGANICS 624 ☐ 8240 TCL ☐ 8260 ☐	EXTRACTABLE ORGANICS 625 ☐ 8270 TCL ☐	PAH's 610 ☐ 8310 ☐ 8100 ☐ 8270 ☐	TCLP METALS ☐ VOA's ☐ BNA's ☐ P/H ☐ TOTAL ☐	METALS RCRA ☐ PP ☐ TAL ☐	LEAD 238.2 ☐ 200.7 ☐ 6010 ☐ 7421 ☐	CORROSIVITY ☐ REACTIVITY ☐	FP OPEN CUP ☐ CLOSED CUP ☐	OTHER: 601, 602 + TBE + MTBE + Xylene	EDB 504.1	MADEP VPH	Lead 3030C
MW-2	103848	5	X						X	X					7-25	1030																X	X	X	X	
Trip Blank	103849	1	X														X																			

SPECIAL DETECTION LIMITS:

REPORTING LIMITS:

CLIENT REMARKS:

STORAGE LOCATION:

Relinquished by Sampler:	DATE	TIME
Alan Dle	7-25-01	
Company / Affiliation: PIESI		

Received by:	DATE	TIME
	7/26/01	900

Relinquished by:	DATE	TIME
Company / Affiliation:		

Received by:	DATE	TIME

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ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A103848
Sample ID: MW-2
Sample Type: Water
Site ID:

Project: #4-3998
Project Name: EXXON 4-3998
Matrix: Water
Received condition: Good
Sampler: ALAN D.

Date Collected: 7/25/01
Time Collected: 10:30
Date Received: 7/26/01
Preservative: HCl
Temperature: 3 degrees C
Time Received: 9:00

VPH Initial Calibration Date: 7/24/01

Range	MDL	ML	Report Limit (ug/l)
C5-C8 Aliphatics	20	64	100
C9-C12 Aliphatics	8	25	100
C9-C10 Aromatics	8	25	100

Calibrataion Range	Level (ug/l)	CCC
C5-C8 Aliphatics	75	
	150	
	300	
	600	
	1125	0.999
C9-C12 Aliphatics	55	
	110	
	220	
	440	
	825	0.999
C9-C10 Aromatics	10	
	20	
	40	
	80	
	100	0.998

Continuing Calibration Check Date: 7/29/01

Range	Level (ug/l)	%D

Sample report continued . . .

TestAmerica
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ANALYTICAL REPORT

Laboratory Number: 01-A103848
Sample ID: MW-2
Project: #4-3998
Page 2

C5-C8 Aliphatics	300	8.8
C9-C12 Aliphatics	220	1.6
C9-C10 Aromatics	40	5.5

Sample report continued . . .

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ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A103848
Sample ID: MW-2
Sample Type: Water
Site ID:

Project: #4-3998
Project Name: EXXON 4-3998
Matrix: Water
Received condition: Good
Sampler: ALAN D.

Date Collected: 7/25/01
Time Collected: 10:30
Date Received: 7/26/01
Preservative: HCl
Temperature: 3 degrees C
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VPH C5-C8 Aliphatics	28200	ug/l	5000	100.	50.0	7/29/01	13:06	S. Davis	VPH-98-1	8539
VPH C9-C12 Aliphatics	11200	ug/l	5000	100.	50.0	7/29/01	13:06	S. Davis	VPH-98-1	8539
VPH C9-C10 Aromatics	ND	ug/l	5000	100.	50.0	7/29/01	13:06	S. Davis	VPH-98-1	8539
ORGANIC PARAMETERS										
Benzene	6370	ug/l	100.	1.00	100	7/27/01	19:18	S. Stuart	602	9994
Toluene	16500	ug/l	100.	1.00	100	7/27/01	19:18	S. Stuart	602	9994
Ethylbenzene	1900	ug/l	100.	1.00	100	7/27/01	19:18	S. Stuart	602	9994
Xylenes, total	12000	ug/l	100.	1.00	100	7/27/01	19:18	S. Stuart	602	9994
Methyl-t-butylether	ND	ug/l	100.	1.00	100	7/27/01	19:18	S. Stuart	602	9994
Isopropyl ether	4920	ug/l	100.	1.00	100	7/27/01	19:18	S. Stuart	602	9994
VOLATILE ORGANICS by GC										
Ethylene Dibromide	1.4	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	601	940
Chlorobenzene	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	602/601	940
1,2-Dichlorobenzene	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	602/601	940
1,3-Dichlorobenzene	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	602/601	940
1,4-Dichlorobenzene	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	602/601	940
Bromodichloromethane	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	601	940
Bromoform	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	601	940
Bromomethane	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	601	940
Carbon tetrachloride	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	601	940
Chloroethane	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	601	940
2-Chloroethylvinylether	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	601	940
Chloroform	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	601	940
Chloromethane	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	601	940

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A103848
Sample ID: MW-2
Project: #4-3998

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Dibromochloromethane	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	601	940
Vinyl chloride	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	601	940
Dichlorodifluoromethane	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	601	940
1,1-Dichloroethane	2.2	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	601	940
1,2-Dichloroethane	8.0	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	601	940
1,1-Dichloroethene	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	601	940
cis-1,2-Dichloroethene	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	601	940
trans-1,2-Dichloroethene	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	601	940
1,2-Dichloropropane	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	601	940
cis-1,3-Dichloropropene	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	601	940
trans-1,3-Dichloropropene	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	601	940
Methylene chloride	ND	ug/l	5.0	5.0	1	7/27/01	19:17	CHollingsw	601	940
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	601	940
Tetrachloroethene	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	601	940
1,1,1-Trichloroethane	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	601	940
1,1,2-Trichloroethane	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	601	940
Trichloroethene	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	601	940
Trichlorofluoromethane	ND	ug/l	1.0	1.0	1	7/27/01	19:17	CHollingsw	601	940
Ethylene Dibromide	1.11	ug/l	0.02	0.02	1	7/27/01	15:41	Henderson	504.1	8540
METALS										
Lead	ND	mg/l	0.0030	0.0030	1	7/27/01	18:40	G.McCord	3030c	9089

ND - Not detected at the report limit.

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	100.	67. - 135.
PID Surr., a,a,a-trifluorotoluene	71.	50. - 150.
VPH Surr., PID	91.	70. - 130.
VPH surr., FID	75.	70. - 130.
Hall Surr., 2-chloropropane	67.	50. - 128.
Hall Surr., chloroprene	91.	55. - 123.
Hall Surr., 1-chloro-3-fluorobenzene	58.	49. - 132.

Sample report continued . . .

TestAmerica
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ANALYTICAL REPORT

Laboratory Number: 01-A103848
Sample ID: MW-2
Project: #4-3998
Page 3

- Recovery outside Laboratory historical or method prescribed limits.

Unadjusted hydrocarbon range data exclude concentrations of any surrogate and internal standards eluting in that range.

CERTIFICATION

All QA/QC procedures REQUIRED by the VPH/EPH method(s) were followed.
All performance/acceptance standards for required QA/QC procedures were achieved.

Authorized by: _____
Michael H. Dunn, M.S., Technical Dir.
Eric Smith, Asst. Technical. Dir.
Johnny A. Mitchell, Technical Serv. Dir.
Gail A Lage, Technical Services

Laboratory Certification Number: 387

End of Sample Report.

TestAmerica
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ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Project: #4-3998
Project Name: EXXON 4-3998
Sampler: ALAN D.

Lab Number: 01-A103849
Sample ID: TRIP BLANK
Sample Type: Water
Site ID:

Date Collected:
Time Collected:
Date Received: 7/26/01
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
Benzene	ND	ug/l	1.00	1.00	1	7/27/01	19:47	S. Stuart	602	9994
Toluene	1.80	ug/l	1.00	1.00	1	7/27/01	19:47	S. Stuart	602	9994
Ethylbenzene	ND	ug/l	1.00	1.00	1	7/27/01	19:47	S. Stuart	602	9994
Xylenes, total	ND	ug/l	1.00	1.00	1	7/27/01	19:47	S. Stuart	602	9994

ND - Not detected at the report limit.

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	102.	67. - 135.

- Recovery outside Laboratory historical or method prescribed limits.

Sample report continued . . .

TestAmerica
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ANALYTICAL REPORT

Laboratory Number: 01-A103849
Sample ID: TRIP BLANK
Project: #4-3998
Page 2

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: 7/30/01

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
Gail A. Lage, Technical Serv.
Glenn L. Norton, Technical Serv.
Kelly S. Comstock, Technical Serv.
Pamela A. Langford, Technical Serv.

Laboratory Certification Number: 387

End of Sample Report.

2960 Foster Creighton Drive / Nashville,TN 37204 / 615-726-0177 / Fax: 615-726-0954 / 800-765-0980

TestAmerica
2960 Foster Creighton Dr.
Nashville, Tennessee 37204

1-800-765-0980
615-726-0177
Fax: 615-726-3404

8259 245766

EXXON COMPANY USA

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUESTED

LWR #: 21011703

Name: Piedmont Industrial
Phone: 336-767-7522
Fax: 336-767-7523

Address: Indiana Ave 4211-B Winston Salem NC 27105
Client Project # Exxon Name: 4-3998

Project Mgr: T. Lenner
Exxon Env. Work Release: 19900714

Exxon Contact: Frank Medlin {circle one} EE or C&M Phone: 704-529-4263

RAS #: 4-3998
Site Address: W. Market St. Greensboro, NC
State ID #:

Cooler Seal
Seal Intact: yes no Initial
Consultant Receipt: yes no Initial
Laboratory Receipt: yes no Initial

Air Bill # 826254851629
1 # of coolers
Sample Temperature ____ [°C] upon receipt

Sampled by [please print] Tom Lenner
Sampler Signature:
Ship Date: 7/17

TAT REQUESTED 24hr 48hr 72hr other ____ day Exxon Std TAT

FIELD SAMPLE ID	SAE LAB # [for lab use only]	# CONT	Matrix: WATER	SOIL	AIR	SLUDGE	PRODUCT	OTHER	Method Preserved: HCL	HNO3	H2SO4	ICE	NON-PRES	OTHER SPECIFY	Sampling: DATE	TIME	BTEX 602 ☐ 8020 ☐	MTBE ☐	EDB METHOD ____	PETROLEUM HYDROCARBONS, GC, 8015 GAS ☐ DIESEL ☐	TRPH/OIL AND GREASE 418.1 ☐ 9070 ☐ 9071 ☐ 413.1 ☐ 413.2 ☐	PURGEABLE HALOCARBONS 601 ☐ 8010 ☐ 8021 ☐	PURGEABLE AROMATICS 602 ☐ 8020 ☐ 8021 ☐	PCB's ☐	VOLATILE ORGANICS 624 ☐ 8240 TCL ☐ 8260 ☐	EXTRACTABLE ORGANICS 625 ☐ 8270 TCL ☐	PAH's 610 ☐ 8310 ☐ 8100 ☐ 8270 ☐	TCLP METALS ☐ VOA's ☐ BNA's ☐ P/H ☐ TOTAL ☐	METALS RCRA ☐ PP ☐ TAL ☐	LEAD 238.2 ☐ 200.7 ☐ 6010 ☐ 7421 ☐	CORROSIVITY ☐ REACTIVITY ☐	FP OPEN CUP ☐ CLOSED CUP ☐	EPA 5035/8260 + IPE + MTBE	MADEP VPH			
B1	69377	5		/								/	/		7/17	1415																/	/			
B2	78	5		/								/	/		7/17	1420																/	/			
B3	79	5		/								/	/		7/17	1440																/	/			
B4	80	5		/								/	/		7/17	1445																/	/			
B5	81	5		/								/	/		7/17	1500																/	/			
B6	82	5		/								/	/		7/17	1400																/	/			
B7	83	5		/								/	/		7/17	1345																/	/			
B8	84	5		/								/	/		7/17	1330																/	/			
B9	993 85	5		/								/	/		7/17	1315																/	/			

SPECIAL DETECTION LIMITS:

REPORTING LIMITS:

CLIENT REMARKS:

STORAGE LOCATION:

		DATE	TIME
Relinquished by Sampler:		7/17	1620
Company / Affiliation:	P.I.S		
Relinquished by:			
Company / Affiliation:			

		DATE	TIME
Received by:			
Received by:		7-18-4	900

TestAmerica
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ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A99377
Sample ID: B1
Sample Type: Soil
Site ID:

Date Collected: 7/17/01
Time Collected: 14:15
Date Received: 7/18/01

Project:
Project Name: EXXON 4-3998
Matrix: Soil
% Dry Weight: 65.
Received condition: Good
Sampler: TOM LENNON

Preservative:
Temperature: 2.0 degrees C
Time Received: 9:00

VPH Initial Calibration Date: 7/22/01

Range	MDL	ML	Report Limit (mg/kg)
C5-C8 Aliphatics	0.14	0.433	5.0
C9-C12 Aliphatics	0.05	0.172	5.0
C9-C10 Aromatics	0.012	0.039	5.0

Calibrataion Range	Level (mg/kg)	CCC
C5-C8 Aliphatics	0.075	
	0.150	
	0.300	
	0.600	
	1.125	0.993
C9-C12 Aliphatics	0.055	
	0.110	
	0.220	
	0.440	
	0.825	0.996
C9-C10 Aromatics	0.010	
	0.020	
	0.040	
	0.080	
	0.100	0.998

Continuing Calibration Check Date: 7/23/01

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99377
Sample ID: B1
Project:
Page 2

Range	Level (mg/kg)	%D
C5-C8 Aliphatics	0.300	10.1
C9-C12 Aliphatics	0.220	13.8
C9-C10 Aromatics	0.040	14.0

Sample report continued . . .

TestAmerica
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ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A99377
Sample ID: B1
Sample Type: Soil
Site ID:

Date Collected: 7/17/01
Time Collected: 14:15
Date Received: 7/18/01

Project:
Project Name: EXXON 4-3998
Matrix: Soil
% Dry Weight: 65.
Received condition: Good
Sampler: TOM LENNON

Preservative:
Temperature: 2.0 degrees C
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VPH C5-C8 Aliphatics	ND	mg/kg	8.82	0.100	50.0	7/23/01	12:22	L. Lowery	VPH-98-1	6365
VPH C9-C12 Aliphatics	ND	mg/kg	8.82	0.100	50.0	7/23/01	12:22	L. Lowery	VPH-98-1	6365
VPH C9-C10 Aromatics	ND	mg/kg	8.82	0.100	50.0	7/23/01	12:22	L. Lowery	VPH-98-1	6365
VOLATILE ORGANICS										
Acetone	ND	mg/kg	0.0938	0.0500	1	7/20/01	21:37	J.Gott	8260B	6122
Benzene	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
Bromobenzene	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
Bromochloromethane	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
Bromoform	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
Bromomethane	ND	mg/kg	0.0038	0.0024	1	7/20/01	21:37	J.Gott	8260B	6122
2-Butanone	ND	mg/kg	0.0938	0.0500	1	7/20/01	21:37	J.Gott	8260B	6122
n-Butylbenzene	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
sec-Butylbenzene	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
t-Butylbenzene	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
Carbon disulfide	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
Carbon tetrachloride	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
Chlorobenzene	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
Chloroethane	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
2-Chloroethylvinylether	ND	mg/kg	0.0188	0.0100	1	7/20/01	21:37	J.Gott	8260B	6122
Chloroform	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
Chloromethane	ND	mg/kg	0.0038	0.0024	1	7/20/01	21:37	J.Gott	8260B	6122
2-Chlorotoluene	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
4-Chlorotoluene	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0188	0.0100	1	7/20/01	21:37	J.Gott	8260B	6122

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99377
Sample ID: B1
Project:
Page 2

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Dibromochloromethane	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
1,2-Dibromoethane	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
Dibromomethane	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
1,2-Dichlorobenzene	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
1,3-Dichlorobenzene	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
1,4-Dichlorobenzene	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
Dichlorodifluoromethane	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
1,1-Dichloroethane	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
1,2-Dichloroethane	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
1,1-Dichloroethene	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
cis-1,2-Dichloroethene	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
trans-1,2-Dichloroethene	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
1,2-Dichloropropane	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
1,3-Dichloropropane	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
2,2-Dichloropropane	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
1,1-Dichloropropene	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
cis-1,3-Dichloropropene	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
trans-1,3-Dichloropropene	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
Ethylbenzene	0.0180	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
Hexachlorobutadiene	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
2-Hexanone	ND	mg/kg	0.0188	0.0100	1	7/20/01	21:37	J.Gott	8260B	6122
Isopropylbenzene	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
4-Isopropyltoluene	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
4-Methyl-2-pentanone	ND	mg/kg	0.0188	0.0100	1	7/20/01	21:37	J.Gott	8260B	6122
Methylene chloride	ND	mg/kg	0.0094	0.0061	1	7/20/01	21:37	J.Gott	8260B	6122
Naphthalene	0.0351	mg/kg	0.0094	0.0050	1	7/20/01	21:37	J.Gott	8260B	6122
n-Propylbenzene	0.0058	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
Styrene	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
Tetrachloroethene	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
Toluene	0.0729	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
1,2,3-Trichlorobenzene	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
1,2,4-Trichlorobenzene	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
1,1,1-Trichloroethane	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
1,1,2-Trichloroethane	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99377
Sample ID: B1
Project:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Trichloroethene	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
1,2,3-Trichloropropane	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
1,2,4-Trimethylbenzene	0.0342	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
1,3,5-Trimethylbenzene	0.0091	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
Vinyl chloride	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
Xylenes, Total	0.1134	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
Bromodichloromethane	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
Trichlorofluoromethane	ND	mg/kg	0.0038	0.0020	1	7/20/01	21:37	J.Gott	8260B	6122
Methyl-t-butyl ether	ND	mg/kg	0.0038	0.0024	1	7/20/01	21:37	J.Gott	8260B	6122
Isopropyl ether	ND	mg/kg	0.0188	0.0100	1	7/20/01	21:37	J.Gott	8260B	6122

GENERAL CHEMISTRY PARAMETERS

Encore Sleeves	4	7/18/01	17:04	C.Cothron	

ND - Not detected at the report limit.

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	4.1 g	5.0 ml	7/19/01	8:20	C.Bates	5035
VPH Prep	21.8 g	25.0 ml	7/18/01	19:00	L. Lowery	5035

Surrogate	% Recovery	Target Range
VPH Surr., PID	101.	70. - 130.
VPH surr., FID	103.	70. - 130.
VOA Surr 1,2-DCA-d4	115.	50. - 140.
VOA Surr-Toluene d8	115.	75. - 141.
VOA Surr, 4-BFB	104.	69. - 131.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99377
Sample ID: B1
Project:

Surrogate	% Recovery	Target Range
VOA Surr, DBFM	118.	76. - 136.

- Recovery outside Laboratory historical limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

Unadjusted hydrocarbon range data exclude concentrations of any surrogate and internal standards eluting in that range.

CERTIFICATION

All QA/QC procedures REQUIRED by the VPH/EPH method(s) were followed.
All performance/acceptance standards for required QA/QC procedures were achieved.

Authorized by: Gail A Lage
Michael H. Dunn, M.S., Technical Dir.
Eric Smith, Asst. Technical. Dir.
Johnny A. Mitchell, Technical Serv. Dir.
Gail A Lage, Technical Services

Laboratory Certification Number: 387

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A99378
Sample ID: B2
Sample Type: Soil
Site ID:

Date Collected: 7/17/01
Time Collected: 14:20
Date Received: 7/18/01

Project:
Project Name: EXXON 4-3998
Matrix: Soil
% Dry Weight: 63.
Received condition: Good
Sampler: TOM LENNON

Preservative:
Temperature: 2.0 degrees C
Time Received: 9:00

VPH Initial Calibration Date: 7/22/01

Range	MDL	ML	Report Limit (mg/kg)
C5-C8 Aliphatics	0.14	0.433	5.0
C9-C12 Aliphatics	0.05	0.172	5.0
C9-C10 Aromatics	0.012	0.039	5.0

Calibrataion Range	Level (mg/kg)	CCC
C5-C8 Aliphatics	0.075	
	0.150	
	0.300	
	0.600	
	1.125	0.993
C9-C12 Aliphatics	0.055	
	0.110	
	0.220	
	0.440	
	0.825	0.996
C9-C10 Aromatics	0.010	
	0.020	
	0.040	
	0.080	
	0.100	0.998

Continuing Calibration Check Date: 7/23/01

Sample report continued . . .

TestAmerica
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ANALYTICAL REPORT

Laboratory Number: 01-A99378
Sample ID: B2
Project:
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Range	Level (mg/kg)	%D
C5-C8 Aliphatics	0.300	10.1
C9-C12 Aliphatics	0.220	13.8
C9-C10 Aromatics	0.040	14.0

Sample report continued . . .

TestAmerica
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ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A99378
Sample ID: B2
Sample Type: Soil
Site ID:

Date Collected: 7/17/01
Time Collected: 14:20
Date Received: 7/18/01

Project:
Project Name: EXXON 4-3998
Matrix: Soil
% Dry Weight: 63.
Received condition: Good
Sampler: TOM LENNON

Preservative:
Temperature: 2.0 degrees C
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VPH C5-C8 Aliphatics	505.	mg/kg	9.54	0.100	50.0	7/22/01	4:37	L. Lowery	VPH-98-1	6365
VPH C9-C12 Aliphatics	295.	mg/kg	9.54	0.100	50.0	7/22/01	4:37	L. Lowery	VPH-98-1	6365
VPH C9-C10 Aromatics	103.	mg/kg	9.54	0.100	50.0	7/22/01	4:37	L. Lowery	VPH-98-1	6365
VOLATILE ORGANICS										
Acetone	ND	mg/kg	3.968	0.0500	50	7/23/01	7:34	J.Gott	8260B	6122
Benzene	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
Bromobenzene	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
Bromochloromethane	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
Bromoform	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
Bromomethane	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
2-Butanone	ND	mg/kg	3.968	0.0500	50	7/23/01	7:34	J.Gott	8260B	6122
n-Butylbenzene	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
sec-Butylbenzene	2.310	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
t-Butylbenzene	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
Carbon disulfide	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
Carbon tetrachloride	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
Chlorobenzene	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
Chloroethane	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
2-Chloroethylvinylether	ND	mg/kg	0.7937	0.0100	50	7/23/01	7:34	J.Gott	8260B	6122
Chloroform	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
Chloromethane	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
2-Chlorotoluene	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
4-Chlorotoluene	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.7937	0.0100	50	7/23/01	7:34	J.Gott	8260B	6122

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 01-A99378
Sample ID: B2
Project:
Page 2

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Dibromochloromethane	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
1,2-Dibromoethane	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
Dibromomethane	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
1,2-Dichlorobenzene	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
1,3-Dichlorobenzene	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
1,4-Dichlorobenzene	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
Dichlorodifluoromethane	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
1,1-Dichloroethane	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
1,2-Dichloroethane	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
1,1-Dichloroethene	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
cis-1,2-Dichloroethene	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
trans-1,2-Dichloroethene	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
1,2-Dichloropropane	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
1,3-Dichloropropane	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
2,2-Dichloropropane	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
1,1-Dichloropropene	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
cis-1,3-Dichloropropene	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
trans-1,3-Dichloropropene	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
Ethylbenzene	45.71	mg/kg	3.175	0.0020	1000	7/23/01	17:27	J.Gott	8260B	6126
Hexachlorobutadiene	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
2-Hexanone	ND	mg/kg	0.7937	0.0100	50	7/23/01	7:34	J.Gott	8260B	6122
Isopropylbenzene	5.341	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
4-Isopropyltoluene	1.738	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
4-Methyl-2-pentanone	ND	mg/kg	0.7937	0.0100	50	7/23/01	7:34	J.Gott	8260B	6122
Methylene chloride	ND	mg/kg	0.3968	0.0050	50	7/23/01	7:34	J.Gott	8260B	6122
Naphthalene	36.35	mg/kg	7.937	0.0050	1000	7/23/01	17:27	J.Gott	8260B	6126
n-Propylbenzene	26.03	mg/kg	3.175	0.0020	1000	7/23/01	17:27	J.Gott	8260B	6126
Styrene	6.889	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
Tetrachloroethene	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
Toluene	118.1	mg/kg	3.175	0.0020	1000	7/23/01	17:27	J.Gott	8260B	6126
1,2,3-Trichlorobenzene	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
1,2,4-Trichlorobenzene	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
1,1,1-Trichloroethane	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
1,1,2-Trichloroethane	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 01-A99378
Sample ID: B2
Project:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Trichloroethene	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
1,2,3-Trichloropropane	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
1,2,4-Trimethylbenzene	182.5	mg/kg	3.175	0.0020	1000	7/23/01	17:27	J.Gott	8260B	6126
1,3,5-Trimethylbenzene	60.32	mg/kg	3.175	0.0020	1000	7/23/01	17:27	J.Gott	8260B	6126
Vinyl chloride	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
Xylenes, Total	446.3	mg/kg	3.175	0.0020	1000	7/23/01	17:27	J.Gott	8260B	6126
Bromodichloromethane	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
Trichlorofluoromethane	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
Methyl-t-butyl ether	ND	mg/kg	0.1587	0.0020	50	7/23/01	7:34	J.Gott	8260B	6122
Isopropyl ether	ND	mg/kg	0.7937	0.0100	50	7/23/01	7:34	J.Gott	8260B	6122

GENERAL CHEMISTRY PARAMETERS

Encore Sleeves	4	7/18/01	17:04	C.Cothron

ND - Not detected at the report limit.

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	3.6 g	5.0 ml	7/19/01	8:20	C.Bates	5035
VPH Prep	20.8 g	25.0 ml	7/18/01	19:02	L. Lowery	5035

Surrogate	% Recovery	Target Range
VPH Surr., PID	113.	70. - 130.
VPH surr., FID	110.	70. - 130.
VOA Surr 1,2-DCA-d4	114.	50. - 140.
VOA Surr-Toluene d8	110.	75. - 141.
VOA Surr, 4-BFB	115.	69. - 131.

Sample report continued . . .

TestAmerica
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ANALYTICAL REPORT

Laboratory Number: 01-A99378
Sample ID: B2
Project:

Surrogate	% Recovery	Target Range
VOA Surr, DBFM	114.	76. - 136.

- Recovery outside Laboratory historical limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

Unadjusted hydrocarbon range data exclude concentrations of any surrogate and internal standards eluting in that range.

CERTIFICATION

All QA/QC procedures REQUIRED by the VPH/EPH method(s) were followed.
All performance/acceptance standards for required QA/QC procedures were achieved.

Authorized by: _____
Michael H. Dunn, M.S., Technical Dir.
Eric Smith, Asst. Technical. Dir.
Johnny A. Mitchell, Technical Serv. Dir.
Gail A Lage, Technical Services

Laboratory Certification Number: 387

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A99379
Sample ID: B3
Sample Type: Soil
Site ID:

Date Collected: 7/17/01
Time Collected: 14:40
Date Received: 7/18/01

Project:
Project Name: EXXON 4-3998
Matrix: Soil
% Dry Weight: 70.
Received condition: Good
Sampler: TOM LENNON

Preservative:
Temperature: 2.0 degrees C
Time Received: 9:00

VPH Initial Calibration Date: 7/22/01

Range	MDL	ML	Report Limit (mg/kg)
C5-C8 Aliphatics	0.14	0.433	5.0
C9-C12 Aliphatics	0.05	0.172	5.0
C9-C10 Aromatics	0.012	0.039	5.0

Calibrataion Range	Level (mg/kg)	CCC
C5-C8 Aliphatics	0.075	
	0.150	
	0.300	
	0.600	
	1.125	0.993
C9-C12 Aliphatics	0.055	
	0.110	
	0.220	
	0.440	
	0.825	0.996
C9-C10 Aromatics	0.010	
	0.020	
	0.040	
	0.080	
	0.100	0.998

Continuing Calibration Check Date: 7/23/01

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99379
Sample ID: B3
Project:
Page 2

Range	Level (mg/kg)	%D
C5-C8 Aliphatics	0.300	10.1
C9-C12 Aliphatics	0.220	13.8
C9-C10 Aromatics	0.040	14.0

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A99379
Sample ID: B3
Sample Type: Soil
Site ID:

Date Collected: 7/17/01
Time Collected: 14:40
Date Received: 7/18/01

Project:
Project Name: EXXON 4-3998
Matrix: Soil
% Dry Weight: 70.
Received condition: Good
Sampler: TOM LENNON

Preservative:
Temperature: 2.0 degrees C
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VPH C5-C8 Aliphatics	349.	mg/kg	12.7	0.100	50.0	7/22/01	5:14	L. Lowery	VPH-98-1	6365
VPH C9-C12 Aliphatics	301.	mg/kg	12.7	0.100	50.0	7/22/01	5:14	L. Lowery	VPH-98-1	6365
VPH C9-C10 Aromatics	102.	mg/kg	12.7	0.100	50.0	7/22/01	5:14	L. Lowery	VPH-98-1	6365
VOLATILE ORGANICS										
Acetone	ND	mg/kg	0.0916	0.0500	1	7/20/01	20:23	J.Gott	8260B	6122
Benzene	1.807	mg/kg	0.1429	0.0020	50	7/23/01	11:16	J.Gott	8260B	6126
Bromobenzene	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
Bromochloromethane	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
Bromoform	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
Bromomethane	ND	mg/kg	0.0037	0.0026	1	7/20/01	20:23	J.Gott	8260B	6122
2-Butanone	ND	mg/kg	0.0916	0.0500	1	7/20/01	20:23	J.Gott	8260B	6122
n-Butylbenzene	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
sec-Butylbenzene	1.914	mg/kg	0.1429	0.0020	50	7/23/01	11:16	J.Gott	8260B	6126
t-Butylbenzene	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
Carbon disulfide	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
Carbon tetrachloride	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
Chlorobenzene	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
Chloroethane	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
2-Chloroethylvinylether	ND	mg/kg	0.0183	0.0100	1	7/20/01	20:23	J.Gott	8260B	6122
Chloroform	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
Chloromethane	ND	mg/kg	0.0037	0.0026	1	7/20/01	20:23	J.Gott	8260B	6122
2-Chlorotoluene	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
4-Chlorotoluene	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0183	0.0100	1	7/20/01	20:23	J.Gott	8260B	6122

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99379
Sample ID: B3
Project:
Page 2

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Dibromochloromethane	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
1,2-Dibromoethane	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
Dibromomethane	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
1,2-Dichlorobenzene	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
1,3-Dichlorobenzene	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
1,4-Dichlorobenzene	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
Dichlorodifluoromethane	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
1,1-Dichloroethane	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
1,2-Dichloroethane	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
1,1-Dichloroethene	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
cis-1,2-Dichloroethene	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
trans-1,2-Dichloroethene	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
1,2-Dichloropropane	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
1,3-Dichloropropane	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
2,2-Dichloropropane	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
1,1-Dichloropropene	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
cis-1,3-Dichloropropene	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
trans-1,3-Dichloropropene	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
Ethylbenzene	90.14	mg/kg	2.857	0.0020	1000	7/23/01	14:58	J.Gott	8260B	6128
Hexachlorobutadiene	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
2-Hexanone	ND	mg/kg	0.0183	0.0100	1	7/20/01	20:23	J.Gott	8260B	6122
Isopropylbenzene	7.114	mg/kg	0.1429	0.0020	50	7/23/01	11:16	J.Gott	8260B	6126
4-Isopropyltoluene	0.2491	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
4-Methyl-2-pentanone	ND	mg/kg	0.0183	0.0100	1	7/20/01	20:23	J.Gott	8260B	6122
Methylene chloride	ND	mg/kg	0.0092	0.0064	1	7/20/01	20:23	J.Gott	8260B	6122
Naphthalene	11.29	mg/kg	0.3571	0.0050	50	7/23/01	11:16	J.Gott	8260B	6126
n-Propylbenzene	23.43	mg/kg	2.857	0.0020	1000	7/23/01	14:58	J.Gott	8260B	6128
Styrene	3.114	mg/kg	0.1429	0.0020	50	7/23/01	11:16	J.Gott	8260B	6126
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
Tetrachloroethene	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
Toluene	290.0	mg/kg	3.714	0.0020	1000	7/23/01	14:58	J.Gott	8260B	6122
1,2,3-Trichlorobenzene	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
1,2,4-Trichlorobenzene	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
1,1,1-Trichloroethane	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
1,1,2-Trichloroethane	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99379
Sample ID: B3
Project:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Trichloroethene	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
1,2,3-Trichloropropane	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
1,2,4-Trimethylbenzene	104.9	mg/kg	2.857	0.0020	1000	7/23/01	14:58	J.Gott	8260B	6128
1,3,5-Trimethylbenzene	30.71	mg/kg	2.857	0.0020	1000	7/23/01	14:58	J.Gott	8260B	6128
Vinyl chloride	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
Xylenes, Total	571.4	mg/kg	2.857	0.0020	1000	7/23/01	14:58	J.Gott	8260B	6128
Bromodichloromethane	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
Trichlorofluoromethane	ND	mg/kg	0.0037	0.0020	1	7/20/01	20:23	J.Gott	8260B	6122
Methyl-t-butyl ether	ND	mg/kg	0.0037	0.0026	1	7/20/01	20:23	J.Gott	8260B	6122
Isopropyl ether	ND	mg/kg	0.0183	0.0100	1	7/20/01	20:23	J.Gott	8260B	6122

GENERAL CHEMISTRY PARAMETERS

Encore Sleeves	4	7/18/01	17:04	C.Cothron

ND - Not detected at the report limit.

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	3.9 g	5.0 ml	7/19/01	8:25	C.Bates	5035
VPH Prep	14.1 g	25.0 ml	7/18/01	19:03	L. Lowery	5035

Surrogate	% Recovery	Target Range
VPH Surr., PID	97.	70. - 130.
VPH surr., FID	109.	70. - 130.
VOA Surr 1,2-DCA-d4	71.	50. - 140.
VOA Surr-Toluene d8	92.	75. - 141.
VOA Surr, 4-BFB	86.	69. - 131.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99379
Sample ID: B3
Project:

Surrogate	% Recovery	Target Range
VOA Surr, DBFM	82.	76. - 136.

- Recovery outside Laboratory historical limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

Unadjusted hydrocarbon range data exclude concentrations of any surrogate and internal standards eluting in that range.

CERTIFICATION

All QA/QC procedures REQUIRED by the VPH/EPH method(s) were followed.
All performance/acceptance standards for required QA/QC procedures were achieved.

Authorized by: _____
Michael H. Dunn, M.S., Technical Dir.
Eric Smith, Asst. Technical. Dir.
Johnny A. Mitchell, Technical Serv. Dir.
Gail A Lage, Technical Services

Laboratory Certification Number: 387

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A99380
Sample ID: B4
Sample Type: Soil
Site ID:

Date Collected: 7/17/01
Time Collected: 14:45
Date Received: 7/18/01

Project:
Project Name: EXXON 4-3998
Matrix: Soil
% Dry Weight: 66.
Received condition: Good
Sampler: TOM LENNON

Preservative:
Temperature: 2.0 degrees C
Time Received: 9:00

VPH Initial Calibration Date: 7/22/01

Range	MDL	ML	Report Limit (mg/kg)
C5-C8 Aliphatics	0.14	0.433	5.0
C9-C12 Aliphatics	0.05	0.172	5.0
C9-C10 Aromatics	0.012	0.039	5.0

Calibrataion Range	Level (mg/kg)	CCC
C5-C8 Aliphatics	0.075	
	0.150	
	0.300	
	0.600	
	1.125	0.993
C9-C12 Aliphatics	0.055	
	0.110	
	0.220	
	0.440	
	0.825	0.996
C9-C10 Aromatics	0.010	
	0.020	
	0.040	
	0.080	
	0.100	0.998

Continuing Calibration Check Date: 7/23/01

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99380
Sample ID: B4
Project:
Page 2

Range	Level (mg/kg)	%D
C5-C8 Aliphatics	0.300	10.1
C9-C12 Aliphatics	0.220	13.8
C9-C10 Aromatics	0.040	14.0

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A99380
Sample ID: B4
Sample Type: Soil
Site ID:

Date Collected: 7/17/01
Time Collected: 14:45
Date Received: 7/18/01

Project:
Project Name: EXXON 4-3998
Matrix: Soil
% Dry Weight: 66.
Received condition: Good
Sampler: TOM LENNON

Preservative:
Temperature: 2.0 degrees C
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VPH C5-C8 Aliphatics	2860	mg/kg	96.6	0.100	500.	7/23/01	13:00	L. Lowery	VPH-98-1	6365
VPH C9-C12 Aliphatics	2150	mg/kg	96.6	0.100	500.	7/23/01	13:00	L. Lowery	VPH-98-1	6365
VPH C9-C10 Aromatics	730.	mg/kg	96.6	0.100	500.	7/23/01	13:00	L. Lowery	VPH-98-1	6365
VOLATILE ORGANICS										
Acetone	ND	mg/kg	0.0823	0.0500	1	7/20/01	21:00	J.Gott	8260B	6122
Benzene	2.682	mg/kg	0.1515	0.0020	50	7/23/01	8:11	J.Gott	8260B	6126
Bromobenzene	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
Bromochloromethane	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
Bromoform	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
Bromomethane	ND	mg/kg	0.0033	0.0022	1	7/20/01	21:00	J.Gott	8260B	6122
2-Butanone	ND	mg/kg	0.0823	0.0500	1	7/20/01	21:00	J.Gott	8260B	6122
n-Butylbenzene	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
sec-Butylbenzene	0.1252	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
t-Butylbenzene	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
Carbon disulfide	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
Carbon tetrachloride	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
Chlorobenzene	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
Chloroethane	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
2-Chloroethylvinylether	ND	mg/kg	0.0165	0.0100	1	7/20/01	21:00	J.Gott	8260B	6122
Chloroform	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
Chloromethane	ND	mg/kg	0.0033	0.0022	1	7/20/01	21:00	J.Gott	8260B	6122
2-Chlorotoluene	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
4-Chlorotoluene	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0165	0.0100	1	7/20/01	21:00	J.Gott	8260B	6122

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99380
Sample ID: B4
Project:
Page 2

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Dibromochloromethane	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
1,2-Dibromoethane	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
Dibromomethane	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
1,2-Dichlorobenzene	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
1,3-Dichlorobenzene	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
1,4-Dichlorobenzene	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
Dichlorodifluoromethane	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
1,1-Dichloroethane	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
1,2-Dichloroethane	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
1,1-Dichloroethene	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
cis-1,2-Dichloroethene	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
trans-1,2-Dichloroethene	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
1,2-Dichloropropane	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
1,3-Dichloropropane	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
2,2-Dichloropropane	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
1,1-Dichloropropene	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
cis-1,3-Dichloropropene	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
trans-1,3-Dichloropropene	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
Ethylbenzene	1.220	mg/kg	0.1515	0.0020	50	7/23/01	8:11	J.Gott	8260B	6126
Hexachlorobutadiene	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
2-Hexanone	ND	mg/kg	0.0165	0.0100	1	7/20/01	21:00	J.Gott	8260B	6122
Isopropylbenzene	ND	mg/kg	0.1515	0.0020	50	7/23/01	8:11	J.Gott	8260B	6126
4-Isopropyltoluene	0.0718	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
4-Methyl-2-pentanone	ND	mg/kg	0.0165	0.0100	1	7/20/01	21:00	J.Gott	8260B	6122
Methylene chloride	ND	mg/kg	0.0082	0.0054	1	7/20/01	21:00	J.Gott	8260B	6122
Naphthalene	0.8485	mg/kg	0.3788	0.0050	50	7/23/01	8:11	J.Gott	8260B	6126
n-Propylbenzene	0.1667	mg/kg	0.1515	0.0020	50	7/23/01	8:11	J.Gott	8260B	6126
Styrene	0.2733	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
Tetrachloroethene	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
Toluene	13.18	mg/kg	0.1515	0.0020	50	7/23/01	8:11	J.Gott	8260B	6126
1,2,3-Trichlorobenzene	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
1,2,4-Trichlorobenzene	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
1,1,1-Trichloroethane	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
1,1,2-Trichloroethane	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99380
Sample ID: B4
Project:
Page 3

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Trichloroethene	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
1,2,3-Trichloropropane	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
1,2,4-Trimethylbenzene	1.098	mg/kg	0.1515	0.0020	50	7/23/01	8:11	J.Gott	8260B	6126
1,3,5-Trimethylbenzene	0.2879	mg/kg	0.1515	0.0020	50	7/23/01	8:11	J.Gott	8260B	6126
Vinyl chloride	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
Xylenes, Total	7.705	mg/kg	0.1515	0.0020	50	7/23/01	8:11	J.Gott	8260B	6126
Bromodichloromethane	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
Trichlorofluoromethane	ND	mg/kg	0.0033	0.0020	1	7/20/01	21:00	J.Gott	8260B	6122
Methyl-t-butyl ether	ND	mg/kg	0.0033	0.0022	1	7/20/01	21:00	J.Gott	8260B	6122
Isopropyl ether	ND	mg/kg	0.0165	0.0100	1	7/20/01	21:00	J.Gott	8260B	6122

GENERAL CHEMISTRY PARAMETERS

Encore Sleeves	4	7/18/01	17:04	C.Cothron

ND - Not detected at the report limit.

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	4.6 g	5.0 ml	7/19/01	8:27	C.Bates	5035
VPH Prep	19.6 g	25.0 ml	7/18/01	19:05	L. Lowery	5035

Surrogate	% Recovery	Target Range
VPH Surr., PID	100.	70. - 130.
VPH surr., FID	118.	70. - 130.
VOA Surr 1,2-DCA-d4	102.	50. - 140.
VOA Surr-Toluene d8	116.	75. - 141.
VOA Surr, 4-BFB	110.	69. - 131.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99380
Sample ID: B4
Project:
Page 4

Surrogate	% Recovery	Target Range
VOA Surr, DBFM	113.	76. - 136.

- Recovery outside Laboratory historical limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

Unadjusted hydrocarbon range data exclude concentrations of any surrogate and internal standards eluting in that range.

CERTIFICATION

All QA/QC procedures REQUIRED by the VPH/EPH method(s) were followed.
All performance/acceptance standards for required QA/QC procedures were achieved.

Authorized by: _____
Michael H. Dunn, M.S., Technical Dir.
Eric Smith, Asst. Technical. Dir.
Johnny A. Mitchell, Technical Serv. Dir.
Gail A Lage, Technical Services

Laboratory Certification Number: 387

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A99381
Sample ID: B5
Sample Type: Soil
Site ID:

Date Collected: 7/17/01
Time Collected: 15:00
Date Received: 7/18/01

Project:
Project Name: EXXON 4-3998
Matrix: Soil
% Dry Weight: 61.
Received condition: Good
Sampler: TOM LENNON

Preservative:
Temperature: 2.0 degrees C
Time Received: 9:00

VPH Initial Calibration Date: 7/22/01

Range	MDL	ML	Report Limit (mg/kg)
C5-C8 Aliphatics	0.14	0.433	5.0
C9-C12 Aliphatics	0.05	0.172	5.0
C9-C10 Aromatics	0.012	0.039	5.0

Calibrataion Range	Level (mg/kg)	CCC
C5-C8 Aliphatics	0.075	
	0.150	
	0.300	
	0.600	
	1.125	0.993
C9-C12 Aliphatics	0.055	
	0.110	
	0.220	
	0.440	
	0.825	0.996
C9-C10 Aromatics	0.010	
	0.020	
	0.040	
	0.080	
	0.100	0.998

Continuing Calibration Check Date: 7/23/01

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99381
Sample ID: B5
Project:
Page 2

Range	Level (mg/kg)	%D
C5-C8 Aliphatics	0.300	10.1
C9-C12 Aliphatics	0.220	13.8
C9-C10 Aromatics	0.040	14.0

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A99381
Sample ID: B5
Sample Type: Soil
Site ID:

Project:
Project Name: EXXON 4-3998
Matrix: Soil
% Dry Weight: 61.
Received condition: Good
Sampler: TOM LENNON

Date Collected: 7/17/01
Time Collected: 15:00
Date Received: 7/18/01

Preservative:
Temperature: 2.0 degrees C
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VPH C5-C8 Aliphatics	285.	mg/kg	14.1	0.100	50.0	7/23/01	13:37	L. Lowery	VPH-98-1	6365
VPH C9-C12 Aliphatics	193.	mg/kg	14.1	0.100	50.0	7/23/01	13:37	L. Lowery	VPH-98-1	6365
VPH C9-C10 Aromatics	61.1	mg/kg	14.1	0.100	50.0	7/23/01	13:37	L. Lowery	VPH-98-1	6365
VOLATILE ORGANICS										
Acetone	ND	mg/kg	4.098	0.0500	50	7/23/01	8:48	J.Gott	8260B	6122
Benzene	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
Bromobenzene	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
Bromochloromethane	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
Bromoform	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
Bromomethane	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
2-Butanone	ND	mg/kg	4.098	0.0500	50	7/23/01	8:48	J.Gott	8260B	6122
n-Butylbenzene	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
sec-Butylbenzene	1.746	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
t-Butylbenzene	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
Carbon disulfide	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
Carbon tetrachloride	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
Chlorobenzene	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
Chloroethane	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
2-Chloroethylvinylether	ND	mg/kg	0.8197	0.0100	50	7/23/01	8:48	J.Gott	8260B	6122
Chloroform	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
Chloromethane	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
2-Chlorotoluene	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
4-Chlorotoluene	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.8197	0.0100	50	7/23/01	8:48	J.Gott	8260B	6122

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99381
Sample ID: B5
Project:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Dibromochloromethane	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
1,2-Dibromoethane	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
Dibromomethane	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
1,2-Dichlorobenzene	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
1,3-Dichlorobenzene	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
1,4-Dichlorobenzene	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
Dichlorodifluoromethane	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
1,1-Dichloroethane	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
1,2-Dichloroethane	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
1,1-Dichloroethene	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
cis-1,2-Dichloroethene	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
trans-1,2-Dichloroethene	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
1,2-Dichloropropane	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
1,3-Dichloropropane	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
2,2-Dichloropropane	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
1,1-Dichloropropene	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
cis-1,3-Dichloropropene	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
trans-1,3-Dichloropropene	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
Ethylbenzene	85.25	mg/kg	1.639	0.0020	500	7/23/01	12:30	J.Gott	8260B	6126
Hexachlorobutadiene	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
2-Hexanone	ND	mg/kg	0.8197	0.0100	50	7/23/01	8:48	J.Gott	8260B	6122
Isopropylbenzene	6.303	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
4-Isopropyltoluene	1.066	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
4-Methyl-2-pentanone	ND	mg/kg	0.8197	0.0100	50	7/23/01	8:48	J.Gott	8260B	6122
Methylene chloride	ND	mg/kg	0.4098	0.0050	50	7/23/01	8:48	J.Gott	8260B	6122
Naphthalene	10.41	mg/kg	0.4098	0.0050	50	7/23/01	8:48	J.Gott	8260B	6122
n-Propylbenzene	23.44	mg/kg	1.639	0.0020	500	7/23/01	12:30	J.Gott	8260B	6126
Styrene	1.566	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
Tetrachloroethene	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
Toluene	73.77	mg/kg	1.639	0.0020	500	7/23/01	12:30	J.Gott	8260B	6126
1,2,3-Trichlorobenzene	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
1,2,4-Trichlorobenzene	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
1,1,1-Trichloroethane	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
1,1,2-Trichloroethane	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99381
Sample ID: B5
Project:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Trichloroethene	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
1,2,3-Trichloropropane	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
1,2,4-Trimethylbenzene	109.8	mg/kg	1.639	0.0020	500	7/23/01	12:30	J.Gott	8260B	6126
1,3,5-Trimethylbenzene	33.93	mg/kg	1.639	0.0020	500	7/23/01	12:30	J.Gott	8260B	6126
Vinyl chloride	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
Xylenes, Total	414.8	mg/kg	3.279	0.0020	1000	7/23/01	15:34	J.Gott	8260B	6126
Bromodichloromethane	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
Trichlorofluoromethane	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
Methyl-t-butyl ether	ND	mg/kg	0.1639	0.0020	50	7/23/01	8:48	J.Gott	8260B	6122
Isopropyl ether	ND	mg/kg	0.8197	0.0100	50	7/23/01	8:48	J.Gott	8260B	6122

GENERAL CHEMISTRY PARAMETERS

Encore Sleeves	4	7/18/01	17:04	C.Cothron

ND - Not detected at the report limit.

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	4.5 g	5.0 ml	7/19/01	8:29	C.Bates	5035
VPH Prep	14.5 g	25.0 ml	7/18/01	19:06	L. Lowery	5035

Surrogate	% Recovery	Target Range
VPH Surr., PID	105.	70. - 130.
VPH surr., FID	116.	70. - 130.
VOA Surr 1,2-DCA-d4	110.	50. - 140.
VOA Surr-Toluene d8	116.	75. - 141.
VOA Surr, 4-BFB	112.	69. - 131.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99381
Sample ID: B5
Project:

Surrogate	% Recovery	Target Range
VOA Surr, DBFM	117.	76. - 136.

- Recovery outside Laboratory historical limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

Unadjusted hydrocarbon range data exclude concentrations of any surrogate and internal standards eluting in that range.

CERTIFICATION

All QA/QC procedures REQUIRED by the VPH/EPH method(s) were followed.
All performance/acceptance standards for required QA/QC procedures were achieved.

Authorized by: _____
Michael H. Dunn, M.S., Technical Dir.
Eric Smith, Asst. Technical. Dir.
Johnny A. Mitchell, Technical Serv. Dir.
Gail A Lage, Technical Services

Laboratory Certification Number: 387

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A99382
Sample ID: B6
Sample Type: Soil
Site ID:

Date Collected: 7/17/01
Time Collected: 14:00
Date Received: 7/18/01

Project:
Project Name: EXXON 4-3998
Matrix: Soil
% Dry Weight: 76.
Received condition: Good
Sampler: TOM LENNON

Preservative:
Temperature: 2.0 degrees C
Time Received: 9:00

VPH Initial Calibration Date: 7/22/01

Range	MDL	ML	Report Limit (mg/kg)
C5-C8 Aliphatics	0.14	0.433	5.0
C9-C12 Aliphatics	0.05	0.172	5.0
C9-C10 Aromatics	0.012	0.039	5.0

Calibrataion Range	Level (mg/kg)	CCC
C5-C8 Aliphatics	0.075	
	0.150	
	0.300	
	0.600	
	1.125	0.993
C9-C12 Aliphatics	0.055	
	0.110	
	0.220	
	0.440	
	0.825	0.996
C9-C10 Aromatics	0.010	
	0.020	
	0.040	
	0.080	
	0.100	0.998

Continuing Calibration Check Date: 7/23/01

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99382
Sample ID: B6
Project:
Page 2

Range	Level (mg/kg)	%D
C5-C8 Aliphatics	0.300	10.1
C9-C12 Aliphatics	0.220	13.8
C9-C10 Aromatics	0.040	14.0

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A99382
Sample ID: B6
Sample Type: Soil
Site ID:

Date Collected: 7/17/01
Time Collected: 14:00
Date Received: 7/18/01

Project:
Project Name: EXXON 4-3998
Matrix: Soil
% Dry Weight: 76.
Received condition: Good
Sampler: TOM LENNON

Preservative:
Temperature: 2.0 degrees C
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VPH C5-C8 Aliphatics	7.01	mg/kg	6.45	0.100	50.0	7/22/01	16:45	L. Lowery	VPH-98-1	6365
VPH C9-C12 Aliphatics	ND	mg/kg	6.45	0.100	50.0	7/22/01	16:45	L. Lowery	VPH-98-1	6365
VPH C9-C10 Aromatics	ND	mg/kg	6.45	0.100	50.0	7/22/01	16:45	L. Lowery	VPH-98-1	6365
VOLATILE ORGANICS										
Acetone	ND	mg/kg	0.0598	0.0455	1	7/20/01	22:13	J.Gott	8260B	6122
Benzene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
Bromobenzene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
Bromochloromethane	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
Bromoform	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
Bromomethane	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
2-Butanone	ND	mg/kg	0.0598	0.0455	1	7/20/01	22:13	J.Gott	8260B	6122
n-Butylbenzene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
sec-Butylbenzene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
t-Butylbenzene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
Carbon disulfide	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
Carbon tetrachloride	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
Chlorobenzene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
Chloroethane	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
2-Chloroethylvinylether	ND	mg/kg	0.0120	0.0091	1	7/20/01	22:13	J.Gott	8260B	6122
Chloroform	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
Chloromethane	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
2-Chlorotoluene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
4-Chlorotoluene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0120	0.0091	1	7/20/01	22:13	J.Gott	8260B	6122

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99382
Sample ID: B6
Project:
Page 2

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Dibromochloromethane	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
1,2-Dibromoethane	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
Dibromomethane	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
1,2-Dichlorobenzene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
1,3-Dichlorobenzene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
1,4-Dichlorobenzene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
Dichlorodifluoromethane	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
1,1-Dichloroethane	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
1,2-Dichloroethane	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
1,1-Dichloroethene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
cis-1,2-Dichloroethene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
trans-1,2-Dichloroethene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
1,2-Dichloropropane	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
1,3-Dichloropropane	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
2,2-Dichloropropane	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
1,1-Dichloropropene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
cis-1,3-Dichloropropene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
trans-1,3-Dichloropropene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
Ethylbenzene	0.0038	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
Hexachlorobutadiene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
2-Hexanone	ND	mg/kg	0.0120	0.0091	1	7/20/01	22:13	J.Gott	8260B	6122
Isopropylbenzene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
4-Isopropyltoluene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
4-Methyl-2-pentanone	ND	mg/kg	0.0120	0.0091	1	7/20/01	22:13	J.Gott	8260B	6122
Methylene chloride	ND	mg/kg	0.0060	0.0045	1	7/20/01	22:13	J.Gott	8260B	6122
Naphthalene	0.0070	mg/kg	0.0060	0.0045	1	7/20/01	22:13	J.Gott	8260B	6122
n-Propylbenzene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
Styrene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
Tetrachloroethene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
Toluene	0.0216	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
1,2,3-Trichlorobenzene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
1,2,4-Trichlorobenzene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
1,1,1-Trichloroethane	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
1,1,2-Trichloroethane	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99382
Sample ID: B6
Project:
Page 3

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Trichloroethene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
1,2,3-Trichloropropane	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
1,2,4-Trimethylbenzene	0.0070	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
1,3,5-Trimethylbenzene	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
Vinyl chloride	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
Xylenes, Total	0.0242	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
Bromodichloromethane	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
Trichlorofluoromethane	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
Methyl-t-butyl ether	ND	mg/kg	0.0024	0.0018	1	7/20/01	22:13	J.Gott	8260B	6122
Isopropyl ether	ND	mg/kg	0.0120	0.0091	1	7/20/01	22:13	J.Gott	8260B	6122

GENERAL CHEMISTRY PARAMETERS

Encore Sleeves	4	7/18/01	17:04	C.Cothron	

ND - Not detected at the report limit.

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	5.5 g	5.0 ml	7/19/01	8:31	C.Bates	5035
VPH Prep	25.5 g	25.0 ml	7/18/01	19:06	L. Lowery	5035

Surrogate	% Recovery	Target Range
VPH Surr., PID	102.	70. - 130.
VPH surr., FID	108.	70. - 130.
VOA Surr 1,2-DCA-d4	107.	50. - 140.
VOA Surr-Toluene d8	115.	75. - 141.
VOA Surr, 4-BFB	100.	69. - 131.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99382
Sample ID: B6
Project:

Surrogate	% Recovery	Target Range
VOA Surr, DBFM	115.	76. - 136.

- Recovery outside Laboratory historical limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

Unadjusted hydrocarbon range data exclude concentrations of any surrogate and internal standards eluting in that range.

CERTIFICATION

All QA/QC procedures REQUIRED by the VPH/EPH method(s) were followed.
All performance/acceptance standards for required QA/QC procedures were achieved.

Authorized by: _____
Michael H. Dunn, M.S., Technical Dir.
Eric Smith, Asst. Technical. Dir.
Johnny A. Mitchell, Technical Serv. Dir.
Gail A Lage, Technical Services

Laboratory Certification Number: 387

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Project:'
Project Name: EXXON 4-3998
Matrix: Soil
% Dry Weight: 85.
Received condition: Good
Sampler: TOM LENNON

Lab Number: 01-A99383
Sample ID: B7
Sample Type: Soil
Site ID:

Date Collected: 7/17/01
Time Collected: 13:45
Date Received: 7/18/01

Preservative:
Temperature: 2.0 degrees C
Time Received: 9:00

VPH Initial Calibration Date: 7/22/01

Range	MDL	ML	Report Limit (mg/kg)
C5-C8 Aliphatics	0.14	0.433	5.0
C9-C12 Aliphatics	0.05	0.172	5.0
C9-C10 Aromatics	0.012	0.039	5.0

Calibrataion Range	Level (mg/kg)	CCC
C5-C8 Aliphatics	0.075	
	0.150	
	0.300	
	0.600	
	1.125	0.993
C9-C12 Aliphatics	0.055	
	0.110	
	0.220	
	0.440	
	0.825	0.996
C9-C10 Aromatics	0.010	
	0.020	
	0.040	
	0.080	
	0.100	0.998

Continuing Calibration Check Date: 7/23/01

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99383
Sample ID: B7
Project:
Page 2

Range	Level (mg/kg)	%D
C5-C8 Aliphatics	0.300	10.1
C9-C12 Aliphatics	0.220	13.8
C9-C10 Aromatics	0.040	14.0

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A99383
Sample ID: B7
Sample Type: Soil
Site ID:

Project:
Project Name: EXXON 4-3998
Matrix: Soil
% Dry Weight: 85.
Received condition: Good
Sampler: TOM LENNON

Date Collected: 7/17/01
Time Collected: 13:45
Date Received: 7/18/01

Preservative:
Temperature: 2.0 degrees C
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VPH C5-C8 Aliphatics	ND	mg/kg	5.61	0.100	50.0	7/22/01	17:23	L. Lowery	VPH-98-1	6365
VPH C9-C12 Aliphatics	ND	mg/kg	5.61	0.100	50.0	7/22/01	17:23	L. Lowery	VPH-98-1	6365
VPH C9-C10 Aromatics	ND	mg/kg	5.61	0.100	50.0	7/22/01	17:23	L. Lowery	VPH-98-1	6365
VOLATILE ORGANICS										
Acetone	ND	mg/kg	2.941	0.0500	50	7/23/01	5:43	J.Gott	8260B	6122
Benzene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
Bromobenzene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
Bromochloromethane	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
Bromoform	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
Bromomethane	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
2-Butanone	ND	mg/kg	2.941	0.0500	50	7/23/01	5:43	J.Gott	8260B	6122
n-Butylbenzene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
sec-Butylbenzene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
t-Butylbenzene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
Carbon disulfide	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
Carbon tetrachloride	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
Chlorobenzene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
Chloroethane	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
2-Chloroethylvinylether	ND	mg/kg	0.5882	0.0100	50	7/23/01	5:43	J.Gott	8260B	6122
Chloroform	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
Chloromethane	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
2-Chlorotoluene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
4-Chlorotoluene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.5882	0.0100	50	7/23/01	5:43	J.Gott	8260B	6122

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99383
Sample ID: B7
Project:
Page 2

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Dibromochloromethane	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
1,2-Dibromoethane	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
Dibromomethane	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
1,2-Dichlorobenzene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
1,3-Dichlorobenzene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
1,4-Dichlorobenzene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
Dichlorodifluoromethane	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
1,1-Dichloroethane	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
1,2-Dichloroethane	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
1,1-Dichloroethene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
cis-1,2-Dichloroethene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
trans-1,2-Dichloroethene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
1,2-Dichloropropane	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
1,3-Dichloropropane	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
2,2-Dichloropropane	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
1,1-Dichloropropene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
cis-1,3-Dichloropropene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
trans-1,3-Dichloropropene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
Ethylbenzene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
Hexachlorobutadiene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
2-Hexanone	ND	mg/kg	0.5882	0.0100	50	7/23/01	5:43	J.Gott	8260B	6122
Isopropylbenzene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
4-Isopropyltoluene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
4-Methyl-2-pentanone	ND	mg/kg	0.5882	0.0100	50	7/23/01	5:43	J.Gott	8260B	6122
Methylene chloride	ND	mg/kg	0.2941	0.0050	50	7/23/01	5:43	J.Gott	8260B	6122
Naphthalene	ND	mg/kg	0.2941	0.0050	50	7/23/01	5:43	J.Gott	8260B	6122
n-Propylbenzene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
Styrene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
Tetrachloroethene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
Toluene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
1,2,3-Trichlorobenzene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
1,2,4-Trichlorobenzene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
1,1,1-Trichloroethane	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
1,1,2-Trichloroethane	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99383
Sample ID: B7
Project:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Trichloroethene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
1,2,3-Trichloropropane	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
1,2,4-Trimethylbenzene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
1,3,5-Trimethylbenzene	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
Vinyl chloride	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
Xylenes, Total	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
Bromodichloromethane	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
Trichlorofluoromethane	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
Methyl-t-butyl ether	ND	mg/kg	0.1176	0.0020	50	7/23/01	5:43	J.Gott	8260B	6122
Isopropyl ether	ND	mg/kg	0.5882	0.0100	50	7/23/01	5:43	J.Gott	8260B	6122

GENERAL CHEMISTRY PARAMETERS

Encore Sleeves	4	7/18/01	17:04	C.Cothron	

ND - Not detected at the report limit.

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	5.0 g	5.0 ml	7/19/01	8:34	C.Bates	5035
VPH Prep	26.2 g	25.0 ml	7/18/01	19:08	L. Lowery	5035

Surrogate	% Recovery	Target Range
VPH Surr., PID	105.	70. - 130.
VPH surr., FID	108.	70. - 130.
VOA Surr 1,2-DCA-d4	104.	50. - 140.
VOA Surr-Toluene d8	117.	75. - 141.
VOA Surr, 4-BFB	112.	69. - 131.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99383
Sample ID: B7
Project:

Surrogate	% Recovery	Target Range
VOA Surr, DBFM	116.	76. - 136.

- Recovery outside Laboratory historical limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

Unadjusted hydrocarbon range data exclude concentrations of any surrogate and internal standards eluting in that range.

CERTIFICATION

All QA/QC procedures REQUIRED by the VPH/EPH method(s) were followed.
All performance/acceptance standards for required QA/QC procedures were achieved.

Authorized by: _____
Michael H. Dunn, M.S., Technical Dir.
Eric Smith, Asst. Technical. Dir.
Johnny A. Mitchell, Technical Serv. Dir.
Gail A Lage, Technical Services

Laboratory Certification Number: 387

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A99384
Sample ID: B8
Sample Type: Soil
Site ID:

Date Collected: 7/17/01
Time Collected: 13:30
Date Received: 7/18/01

Project:
Project Name: EXXON 4-3998
Matrix: Soil
% Dry Weight: 73.
Received condition: Good
Sampler: TOM LENNON

Preservative:
Temperature: 2.0 degrees C
Time Received: 9:00

VPH Initial Calibration Date: 7/22/01

Range	MDL	ML	Report Limit (mg/kg)
C5-C8 Aliphatics	0.14	0.433	5.0
C9-C12 Aliphatics	0.05	0.172	5.0
C9-C10 Aromatics	0.012	0.039	5.0

Calibrataion Range	Level (mg/kg)	CCC
C5-C8 Aliphatics	0.075	
	0.150	
	0.300	
	0.600	
	1.125	0.993
C9-C12 Aliphatics	0.055	
	0.110	
	0.220	
	0.440	
	0.825	0.996
C9-C10 Aromatics	0.010	
	0.020	
	0.040	
	0.080	
	0.100	0.998

Continuing Calibration Check Date: 7/23/01

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99384
Sample ID: B8
Project:
Page 2

Range	Level (mg/kg)	%D
C5-C8 Aliphatics	0.300	10.1
C9-C12 Aliphatics	0.220	13.8
C9-C10 Aromatics	0.040	14.0

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A99384
Sample ID: B8
Sample Type: Soil
Site ID:

Project:
Project Name: EXXON 4-3998
Matrix: Soil
% Dry Weight: 73.
Received condition: Good
Sampler: TOM LENNON

Date Collected: 7/17/01
Time Collected: 13:30
Date Received: 7/18/01

Preservative:
Temperature: 2.0 degrees C
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VPH C5-C8 Aliphatics	ND	mg/kg	6.39	0.100	50.0	7/22/01	19:15	L. Lowery	VPH-98-1	6365
VPH C9-C12 Aliphatics	ND	mg/kg	6.39	0.100	50.0	7/22/01	19:15	L. Lowery	VPH-98-1	6365
VPH C9-C10 Aromatics	ND	mg/kg	6.39	0.100	50.0	7/22/01	19:15	L. Lowery	VPH-98-1	6365
VOLATILE ORGANICS										
Acetone	ND	mg/kg	0.0634	0.0463	1	7/23/01	1:24	J.Gott	8260B	6122
Benzene	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
Bromobenzene	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
Bromochloromethane	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
Bromoform	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
Bromomethane	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
2-Butanone	ND	mg/kg	0.0634	0.0463	1	7/23/01	1:24	J.Gott	8260B	6122
n-Butylbenzene	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
sec-Butylbenzene	0.0225	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
t-Butylbenzene	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
Carbon disulfide	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
Carbon tetrachloride	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
Chlorobenzene	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
Chloroethane	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
2-Chloroethylvinylether	ND	mg/kg	0.0127	0.0093	1	7/23/01	1:24	J.Gott	8260B	6122
Chloroform	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
Chloromethane	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
2-Chlorotoluene	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
4-Chlorotoluene	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0127	0.0093	1	7/23/01	1:24	J.Gott	8260B	6122

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99384
Sample ID: B8
Project:
Page 2

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Dibromochloromethane	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
1,2-Dibromoethane	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
Dibromomethane	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
1,2-Dichlorobenzene	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
1,3-Dichlorobenzene	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
1,4-Dichlorobenzene	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
Dichlorodifluoromethane	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
1,1-Dichloroethane	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
1,2-Dichloroethane	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
1,1-Dichloroethene	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
cis-1,2-Dichloroethene	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
trans-1,2-Dichloroethene	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
1,2-Dichloropropane	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
1,3-Dichloropropane	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
2,2-Dichloropropane	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
1,1-Dichloropropene	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
cis-1,3-Dichloropropene	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
trans-1,3-Dichloropropene	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
Ethylbenzene	1.089	mg/kg	0.1370	0.0020	50	7/23/01	6:20	J.Gott	8260B	6126
Hexachlorobutadiene	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
2-Hexanone	ND	mg/kg	0.0127	0.0093	1	7/23/01	1:24	J.Gott	8260B	6122
Isopropylbenzene	0.0659	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
4-Isopropyltoluene	0.0127	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
4-Methyl-2-pentanone	ND	mg/kg	0.0127	0.0093	1	7/23/01	1:24	J.Gott	8260B	6122
Methylene chloride	ND	mg/kg	0.0063	0.0046	1	7/23/01	1:24	J.Gott	8260B	6122
Naphthalene	0.1763	mg/kg	0.0063	0.0046	1	7/23/01	1:24	J.Gott	8260B	6122
n-Propylbenzene	0.2118	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
Styrene	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
Tetrachloroethene	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
Toluene	0.0775	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
1,2,3-Trichlorobenzene	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
1,2,4-Trichlorobenzene	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
1,1,1-Trichloroethane	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
1,1,2-Trichloroethane	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99384
Sample ID: B8
Project:
Page 3

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Trichloroethene	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
1,2,3-Trichloropropane	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
1,2,4-Trimethylbenzene	1.897	mg/kg	0.1370	0.0020	50	7/23/01	6:20	J.Gott	8260B	6126
1,3,5-Trimethylbenzene	0.5548	mg/kg	0.1370	0.0020	50	7/23/01	6:20	J.Gott	8260B	6126
Vinyl chloride	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
Xylenes, Total	0.9256	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
Bromodichloromethane	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
Trichlorofluoromethane	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
Methyl-t-butyl ether	ND	mg/kg	0.0025	0.0019	1	7/23/01	1:24	J.Gott	8260B	6122
Isopropyl ether	ND	mg/kg	0.0127	0.0093	1	7/23/01	1:24	J.Gott	8260B	6122

GENERAL CHEMISTRY PARAMETERS

Encore Sleeves	4	7/18/01	17:04	C.Cothron

ND - Not detected at the report limit.

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	5.4 g	5.0 ml	7/19/01	8:37	C.Bates	5035
VPH Prep	26.8 g	25.0 ml	7/18/01	19:09	L. Lowery	5035

Surrogate	% Recovery	Target Range
VPH Surr., PID	103.	70. - 130.
VPH surr., FID	104.	70. - 130.
VOA Surr 1,2-DCA-d4	104.	50. - 140.
VOA Surr-Toluene d8	115.	75. - 141.
VOA Surr, 4-BFB	113.	69. - 131.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99384
Sample ID: B8
Project:
Page 4

Surrogate	% Recovery	Target Range
VOA Surr, DBFM	116.	76. - 136.

- Recovery outside Laboratory historical limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

Unadjusted hydrocarbon range data exclude concentrations of any surrogate and internal standards eluting in that range.

CERTIFICATION

All QA/QC procedures REQUIRED by the VPH/EPH method(s) were followed.
All performance/acceptance standards for required QA/QC procedures were achieved.

Authorized by: _____
Michael H. Dunn, M.S., Technical Dir.
Eric Smith, Asst. Technical. Dir.
Johnny A. Mitchell, Technical Serv. Dir.
Gail A Lage, Technical Services

Laboratory Certification Number: 387

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A99385
Sample ID: B9
Sample Type: Soil
Site ID:

Date Collected: 7/17/01
Time Collected: 13:15
Date Received: 7/18/01

Project:
Project Name: EXXON 4-3998
Matrix: Soil
% Dry Weight: 73.
Received condition: Good
Sampler: TOM LENNON

Preservative:
Temperature: 2.0 degrees C
Time Received: 9:00

VPH Initial Calibration Date: 7/22/01

Range	MDL	ML	Report Limit (mg/kg)
C5-C8 Aliphatics	0.14	0.433	5.0
C9-C12 Aliphatics	0.05	0.172	5.0
C9-C10 Aromatics	0.012	0.039	5.0

Calibrataion Range	Level (mg/kg)	CCC
C5-C8 Aliphatics	0.075	
	0.150	
	0.300	
	0.600	
	1.125	0.993
C9-C12 Aliphatics	0.055	
	0.110	
	0.220	
	0.440	
	0.825	0.996
C9-C10 Aromatics	0.010	
	0.020	
	0.040	
	0.080	
	0.100	0.998

Continuing Calibration Check Date: 7/23/01

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99385
Sample ID: B9
Project:
Page 2

Range	Level (mg/kg)	%D
C5-C8 Aliphatics	0.300	10.1
C9-C12 Aliphatics	0.220	13.8
C9-C10 Aromatics	0.040	14.0

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

PIEDMONT INDUSTRIAL SERVICES 8259
TOM LENNON
P.O. BOX 5061
WINSTON SALEM, NC 27103

Lab Number: 01-A99385
Sample ID: B9
Sample Type: Soil
Site ID:

Project:
Project Name: EXXON 4-3998
Matrix: Soil
% Dry Weight: 73.
Received condition: Good
Sampler: TOM LENNON

Date Collected: 7/17/01
Time Collected: 13:15
Date Received: 7/18/01

Preservative:
Temperature: 2.0 degrees C
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VPH C5-C8 Aliphatics	51.2	mg/kg	6.56	0.100	50.0	7/22/01	19:52	L. Lowery	VPH-98-1	6365
VPH C9-C12 Aliphatics	97.3	mg/kg	6.56	0.100	50.0	7/22/01	19:52	L. Lowery	VPH-98-1	6365
VPH C9-C10 Aromatics	40.8	mg/kg	6.56	0.100	50.0	7/22/01	19:52	L. Lowery	VPH-98-1	6365
VOLATILE ORGANICS										
Acetone	ND	mg/kg	0.0612	0.0446	1	7/23/01	2:01	J.Gott	8260B	6122
Benzene	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
Bromobenzene	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
Bromochloromethane	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
Bromoform	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
Bromomethane	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
2-Butanone	ND	mg/kg	0.0612	0.0446	1	7/23/01	2:01	J.Gott	8260B	6122
n-Butylbenzene	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
sec-Butylbenzene	3.644	mg/kg	0.1370	0.0020	50	7/23/01	6:57	J.Gott	8260B	6126
t-Butylbenzene	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
Carbon disulfide	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
Carbon tetrachloride	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
Chlorobenzene	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
Chloroethane	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
2-Chloroethylvinylether	ND	mg/kg	0.0122	0.0089	1	7/23/01	2:01	J.Gott	8260B	6122
Chloroform	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
Chloromethane	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
2-Chlorotoluene	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
4-Chlorotoluene	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0122	0.0089	1	7/23/01	2:01	J.Gott	8260B	6122

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99385
Sample ID: B9
Project:
Page 2

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Dibromochloromethane	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
1,2-Dibromoethane	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
Dibromomethane	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
1,2-Dichlorobenzene	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
1,3-Dichlorobenzene	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
1,4-Dichlorobenzene	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
Dichlorodifluoromethane	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
1,1-Dichloroethane	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
1,2-Dichloroethane	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
1,1-Dichloroethene	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
cis-1,2-Dichloroethene	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
trans-1,2-Dichloroethene	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
1,2-Dichloropropane	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
1,3-Dichloropropane	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
2,2-Dichloropropane	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
1,1-Dichloropropene	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
cis-1,3-Dichloropropene	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
trans-1,3-Dichloropropene	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
Ethylbenzene	25.89	mg/kg	2.740	0.0020	1000	7/23/01	16:10	J.Gott	8260B	6128
Hexachlorobutadiene	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
2-Hexanone	ND	mg/kg	0.0122	0.0089	1	7/23/01	2:01	J.Gott	8260B	6122
Isopropylbenzene	7.397	mg/kg	0.1370	0.0020	50	7/23/01	6:57	J.Gott	8260B	6126
4-Isopropyltoluene	0.1970	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
4-Methyl-2-pentanone	ND	mg/kg	0.0122	0.0089	1	7/23/01	2:01	J.Gott	8260B	6122
Methylene chloride	ND	mg/kg	0.0061	0.0045	1	7/23/01	2:01	J.Gott	8260B	6122
Naphthalene	19.59	mg/kg	6.849	0.0050	1000	7/23/01	16:10	J.Gott	8260B	6128
n-Propylbenzene	25.89	mg/kg	2.740	0.0020	1000	7/23/01	16:10	J.Gott	8260B	6128
Styrene	1.630	mg/kg	0.1370	0.0020	50	7/23/01	6:57	J.Gott	8260B	6126
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
Tetrachloroethene	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
Toluene	2.959	mg/kg	0.1370	0.0020	50	7/23/01	6:57	J.Gott	8260B	6126
1,2,3-Trichlorobenzene	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
1,2,4-Trichlorobenzene	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
1,1,1-Trichloroethane	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
1,1,2-Trichloroethane	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99385
Sample ID: B9
Project:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Trichloroethene	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
1,2,3-Trichloropropane	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
1,2,4-Trimethylbenzene	126.8	mg/kg	2.740	0.0020	1000	7/23/01	16:10	J.Gott	8260B	6128
1,3,5-Trimethylbenzene	43.01	mg/kg	2.740	0.0020	1000	7/23/01	16:10	J.Gott	8260B	6128
Vinyl chloride	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
Xylenes, Total	142.5	mg/kg	2.740	0.0020	1000	7/23/01	16:10	J.Gott	8260B	6128
Bromodichloromethane	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
Trichlorofluoromethane	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
Methyl-t-butyl ether	ND	mg/kg	0.0024	0.0018	1	7/23/01	2:01	J.Gott	8260B	6122
Isopropyl ether	ND	mg/kg	0.0122	0.0089	1	7/23/01	2:01	J.Gott	8260B	6122

GENERAL CHEMISTRY PARAMETERS

Encore Sleeves	4	7/18/01	17:04	C.Cothron

ND = Not detected at the report limit.

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	5.6 g	5.0 ml	7/19/01	8:42	C.Bates	5035
VPH Prep	26.1 g	25.0 ml	7/18/01	19:10	L. Lowery	5035

Surrogate	% Recovery	Target Range
VPH Surr., PID	107.	70. - 130.
VPH surr., FID	123.	70. - 130.
VOA Surr 1,2-DCA-d4	71.	50. - 140.
VOA Surr-Toluene d8	92.	75. - 141.
VOA Surr, 4-BFB	81.	69. - 131.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A99385
Sample ID: B9
Project:

Surrogate	% Recovery	Target Range
VOA Surr, DBFM	81.	76. - 136.

- Recovery outside Laboratory historical limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

Unadjusted hydrocarbon range data exclude concentrations of any surrogate and internal standards eluting in that range.

CERTIFICATION

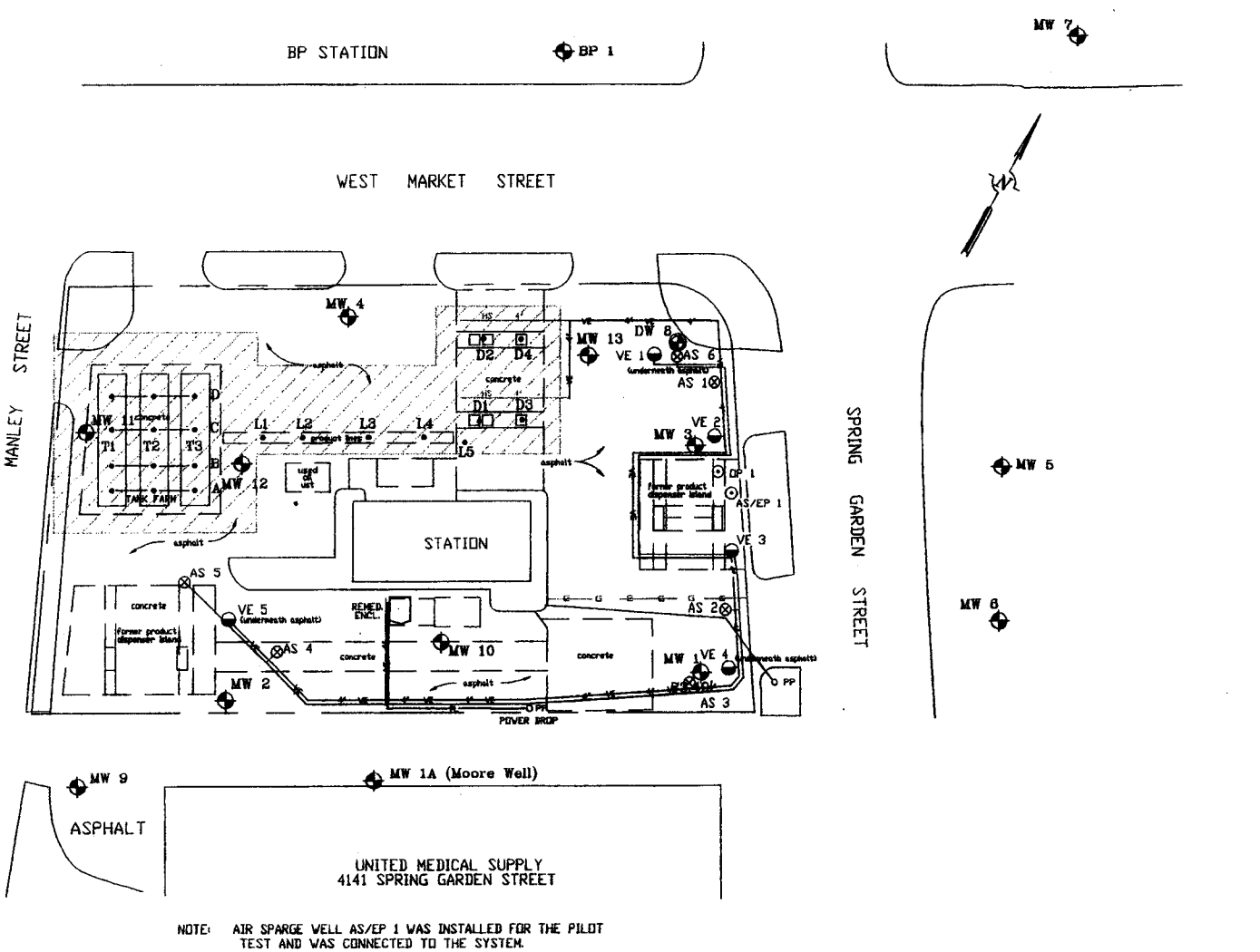
All QA/QC procedures REQUIRED by the VPH/EPH method(s) were followed.
All performance/acceptance standards for required QA/QC procedures were achieved.

Authorized by: Michael H. Dunn, M.S., Technical Dir.
Eric Smith, Asst. Technical. Dir.
Johnny A. Mitchell, Technical Serv. Dir.
Gail A Lage, Technical Services

Laboratory Certification Number: 387

End of Sample Report.

Appendix B
June 2001 UST Closure Figures and Tables



NOTE: AIR SPARGE WELL AS/EP 1 WAS INSTALLED FOR THE PILOT TEST AND WAS CONNECTED TO THE SYSTEM.

LEGEND

- TYPE II MONITORING WELL
- TYPE III MONITORING WELL
- PP POWER POLE
- UNDERGROUND GAS LINE
- PROPERTY LINE
- VE SVE WELL
- AS AIR SPARGE WELL
- SPARGE PIPING
- SVE PIPING
- HORIZONTAL SCREEN
- PL POWER LINE
- UST CLOSURE SAMPLE LOCATIONS
- SUBJECT UST SYSTEM AREA

40 0 20 40

1"=40'

BASE MAP PROVIDED BY NIGHTINGALE GEOLOGIC CONSULTANTS, P.C.

MARSHALL MILLER & ASSOCIATES

SITE MAP

WEST MARKET STREET EXXON
4701 WEST MARKET STREET
GREENSBORO, NORTH CAROLINA

FIGURE: 2	PROJECT: YZ131
SCALE: 1" = 40'	FILE: 4701WMARKET
DATE: 07-06-01	DRAWN BY: JMCH

TABLE 1 (Page 1 of 3)

SOIL ANALYTICAL DATA
W. MARKET STREET EXXON

Constituent	T1-A	T1-B	T1-C	T1-D	T2-A	T2-B	T2-C	T2-D	Maximum Soil Contaminant Concentration		
	12'	12'	12'	12'	12'	12'	12'	12'	Soil to Groundwater	Residential	Industrial
VOCs by GCMS 8260B											
Benzene	BQL(10000)	BQL(8)	BQL(6.5)	BQL(7.1)	BQL(7.6)	BQL(6.6)	BQL(6.6)	BQL(7.2)	5.6	22,000	200,000
n-Butylbenzene	**24,000**	BQL(8)	BQL(6.5)	BQL(7.1)	BQL(7.6)	BQL(6.6)	BQL(6.6)	BQL(7.2)	4,000	156,000	4,088,000
DIPE	BQL(10000)	BQL(8)	BQL(6.5)	BQL(7.1)	BQL(7.6)	BQL(6.6)	BQL(6.6)	BQL(7.2)	370	156,000	4,088,000
Ethylbenzene	**34,000**	BQL(8)	BQL(6.5)	BQL(7.1)	BQL(7.6)	BQL(6.6)	BQL(6.6)	BQL(7.2)	240	1,560,000	40,000,000
MTBE	BQL(10000)	BQL(8)	BQL(6.5)	BQL(7.1)	12	BQL(6.6)	BQL(6.6)	BQL(7.2)	920	156,000	4,088,000
Naphthalene	**52,000**	BQL(8)	BQL(6.5)	BQL(7.1)	15	BQL(6.6)	BQL(6.6)	BQL(7.2)	580	63,000	1,635,000
n-Propylbenzene	**22,000**	BQL(8)	BQL(6.5)	BQL(7.1)	BQL(7.6)	BQL(6.6)	BQL(6.6)	BQL(7.2)	2,000	156,000	4,088,000
1,2,4-Trimethylbenzene	**220,000**	BQL(8)	BQL(6.5)	BQL(7.1)	12	BQL(6.6)	BQL(6.6)	BQL(7.2)	8,000	782,000	20,440,000
1,3,5-Trimethylbenzene	**72,000**	BQL(8)	BQL(6.5)	BQL(7.1)	BQL(7.6)	BQL(6.6)	BQL(6.6)	BQL(7.2)	7,000	782,000	20,440,000
Toluene	**47,000**	BQL(8)	BQL(6.5)	BQL(7.1)	BQL(7.6)	BQL(6.6)	BQL(6.6)	BQL(7.2)	7,000	3,200,000	82,000,000
Xylenes (mixed)	**255,000**	BQL(24)	BQL(19.5)	BQL(21.1)	7.7	BQL(19.6)	BQL(19.6)	BQL(21.2)	5,000	32,000,000	200,000,000
VPH by MADEP Method											
C9-C10 Aromatics	**920,000**	NA	NA	NA	<10	NA	NA	NA	34,000	469,000	12,264,000
C5-C8 Aliphatics	**760,000**	NA	NA	NA	<10	NA	NA	NA	72,000	939,000	24,528,000
C9-C12 Aliphatics	**3,000,000**	NA	NA	NA	<10	NA	NA	NA	3,255,000	9,356,000	245,280,000

NA: Not Applicable

BQL(x): Below Quantitation Limit

Results reported in micrograms per kilogram (ug/kg)

Bold: Exceeds maximum soil contaminant concentrations

NS: No Standard Established

MARSHALL MILLER & ASSOCIATES

TABLE 1 (Page 2 of 3)

SOIL ANALYTICAL DATA
W. MARKET STREET EXXON

Constituent	T3-A	T3-B	T3-C	T3-D	L1	L2	L3	L4	L5	Maximum Soil Contaminant Concentration		
	12'	12'	12'	12'	2'	2'	2'	2'	2'	Soil to Groundwater	Residential	Industrial
VOCs by GCMS 8260B												
Benzene	BQL$^{(6.6)}$	BQL$^{(7.7)}$	BQL$^{(8.1)}$	BQL$^{(6.8)}$	BQL$^{(6.8)}$	BQL$^{(6.5)}$	BQL$^{(6.4)}$	BQL$^{(6.6)}$	10	5.6	22,000	200,000
n-Butylbenzene	BQL$^{(6.6)}$	BQL$^{(7.7)}$	BQL$^{(8.1)}$	BQL$^{(6.8)}$	BQL$^{(6.8)}$	BQL$^{(6.5)}$	BQL$^{(6.4)}$	BQL$^{(6.6)}$	BQL$^{(6.1)}$	4,000	156,000	4,088,000
DIPE	BQL$^{(6.6)}$	BQL$^{(7.7)}$	BQL$^{(8.1)}$	BQL$^{(6.8)}$	BQL$^{(6.8)}$	BQL$^{(6.5)}$	BQL$^{(6.4)}$	BQL$^{(6.6)}$	13	370	156,000	4,088,000
Ethylbenzene	BQL$^{(6.6)}$	BQL$^{(7.7)}$	BQL$^{(8.1)}$	BQL$^{(6.8)}$	BQL$^{(6.8)}$	BQL$^{(6.5)}$	BQL$^{(6.4)}$	BQL$^{(6.6)}$	24	240	1,560,000	40,000,000
MTBE	BQL$^{(6.6)}$	BQL$^{(7.7)}$	BQL$^{(8.1)}$	BQL$^{(6.8)}$	15	BQL$^{(6.5)}$	BQL$^{(6.4)}$	BQL$^{(6.6)}$	BQL$^{(6.1)}$	920	156,000	4,088,000
Naphthalene	BQL$^{(6.6)}$	BQL$^{(7.7)}$	BQL$^{(8.1)}$	BQL$^{(6.8)}$	BQL$^{(6.8)}$	BQL$^{(6.5)}$	BQL$^{(6.4)}$	BQL$^{(6.6)}$	8.7	580	63,000	1,635,000
n-Propylbenzene	BQL$^{(6.6)}$	BQL$^{(7.7)}$	BQL$^{(8.1)}$	BQL$^{(6.8)}$	BQL$^{(6.8)}$	BQL$^{(6.5)}$	BQL$^{(6.4)}$	BQL$^{(6.6)}$	BQL$^{(6.1)}$	2,000	156,000	4,088,000
1,2,4-Trimethylbenzene	BQL$^{(6.6)}$	BQL$^{(7.7)}$	BQL$^{(8.1)}$	BQL$^{(6.8)}$	BQL$^{(6.8)}$	BQL$^{(6.5)}$	BQL$^{(6.4)}$	BQL$^{(6.6)}$	15	8,000	782,000	20,440,000
1,3,5-Trimethylbenzene	BQL$^{(6.6)}$	BQL$^{(7.7)}$	BQL$^{(8.1)}$	BQL$^{(6.8)}$	BQL$^{(6.8)}$	BQL$^{(6.5)}$	BQL$^{(6.4)}$	BQL$^{(6.6)}$	BQL$^{(6.1)}$	7,000	782,000	20,440,000
Toluene	BQL$^{(6.6)}$	BQL$^{(7.7)}$	BQL$^{(8.1)}$	BQL$^{(6.8)}$	BQL$^{(6.8)}$	BQL$^{(6.5)}$	BQL$^{(6.4)}$	BQL$^{(6.6)}$	BQL$^{(6.1)}$	7,000	3,200,000	82,000,000
Xylenes (mixed)	BQL$^{(19.6)}$	BQL$^{(22.7)}$	BQL$^{(24.1)}$	BQL$^{(20.8)}$	14	BQL$^{(19.5)}$	BQL$^{(19.4)}$	BQL$^{(19.6)}$	54	5,000	32,000,000	200,000,000
VPH by MADEP Method												
C9-C10 Aromatics	<10	NA	NA	NA	NA	NA	NA	NA	<10	34,000	469,000	12,264,000
C5-C8 Aliphatics	<10	NA	NA	NA	NA	NA	NA	NA	<10	72,000	939,000	24,528,000
C9-C12 Aliphatics	<10	NA	NA	NA	NA	NA	NA	NA	<10	3,255,000	9,356,000	245,280,000

NA: Not Applicable

BQL$^{(x)}$: Below Quantitation Limit

Results reported in micrograms per kilogram (ug/kg)

Bold: Exceeds maximum soil contaminant concentrations

NS: No Standard Established

MARSHALL MILLER & ASSOCIATES

TABLE 1 (Page 3 of 3)

SOIL ANALYTICAL DATA
W. MARKET STREET EXXON

Constituent	D1	D2	D3	D4	Maximum Soil Contaminant Concentration		
	2'	2'	2'	2'	Soil to Groundwater	Residential	Industrial
VOCs by GCMS 8260B							
Benzene	BQL(7)	BQL(6.3)	BQL(6.7)	BQL(6.4)	5.6	22,000	200,000
n-Butylbenzene	BQL(7)	BQL(6.3)	BQL(6.7)	BQL(6.4)	4,000	156,000	4,088,000
DIPE	BQL(7)	BQL(6.3)	BQL(6.7)	BQL(6.4)	370	156,000	4,088,000
Ethylbenzene	45	BQL(6.3)	BQL(6.7)	BQL(6.4)	240	1,560,000	40,000,000
MTBE	81	BQL(6.3)	BQL(6.7)	12	920	156,000	4,088,000
Naphthalene	17	BQL(6.3)	BQL(6.7)	BQL(6.4)	580	63,000	1,635,000
n-Propylbenzene	12	BQL(6.3)	BQL(6.7)	BQL(6.4)	2,000	156,000	4,088,000
1,2,4-Trimethylbenzene	95	BQL(6.3)	BQL(6.7)	BQL(6.4)	8,000	782,000	20,440,000
1,3,5-Trimethylbenzene	25	BQL(6.3)	BQL(6.7)	BQL(6.4)	7,000	782,000	20,440,000
Toluene	120	BQL(6.3)	BQL(6.7)	BQL(6.4)	7,000	3,200,000	82,000,000
Xylenes (mixed)	246	BQL(19.3)	BQL(19.7)	BQL(19.4)	5,000	32,000,000	200,000,000
VPH by MADEP Method							
C9-C10 Aromatics	NA	NA	<10	NA	34,000	469,000	12,264,000
C5-C8 Aliphatics	NA	NA	<10	NA	72,000	939,000	24,528,000
C9-C12 Aliphatics	NA	NA	<10	NA	3,255,000	9,356,000	245,280,000

NA: Not Applicable

BQL(x): Below Quantitation Limit

Results reported in micrograms per kilogram (ug/kg)

Bold: Exceeds maximum soil contaminant concentrations

NS: No Standard Established

Appendix C
AFVR Data and Calculations

AGGRESSIVE FLUID VAPOR RECOVERY EVENT

SITE NAME: **EXXON 4-3998**
IDENTIFY THE WELL AND THE I.D. OF EACH WELL USED FOR AFVR: **MW-2**

PROVIDE BLOWER SPECIFICATIONS OF THE VACUUM TRUCK (cfm @ in Hg): 600
Total Gallons Pumped = 1244

DRY STANDARD CUBIC FEET PER MINUTE (DSCFM) AIR FLOW CALCULATIONS (Qstd)

Date	Time	Vacuum (inches of Hg)	Velocity (ft/min)	Pipe ID (in)	Temp (°F)	Rel Humid (%)	Water Vapor (Wt%)	Water Vapor (Vol%)	Q_{std} (flow)
7/17/01	17:00	28.0	2857	6	180	15	0.057	0.084	424
7/17/01	19:00	28.0	2400	6	210	8	0.056	0.082	341
7/17/01	21:00	28.0	2300	6	210	8	0.056	0.082	327
7/18/01	2:00	28.0	2200	6	210	8	0.056	0.082	312
7/18/01	6:00	28.0	2200	6	210	8	0.056	0.082	312
7/18/01	8:00	28.0	2200	6	210	8	0.056	0.082	312
7/18/01	10:00	28.0	2200	6	210	8	0.056	0.082	312
7/18/01	12:00	28.0	2200	6	210	8	0.056	0.082	312
7/18/01	14:00	28.0	2200	6	210	8	0.056	0.082	312
7/18/01	16:00	28.0	2300	6	210	8	0.056	0.082	327

NOTES

Qstd = Flow at DSCFM
Vacuum = The level of vacuum being applied should be recorded from the vacuum truck tank (inches of Hg)
Velocity = The rate at which air flows is measured at the blower discharge piping (anemometer or pitot tube)
Pipe ID = The inside diameter of the blower discharge piping (from the vacuum truck)
Temperature = The temperature of the air stream exiting the blower discharge piping (dry bulb temp., in deg.°F)
Relative humidity = The % relative humidity of the air stream exiting the blower discharge piping
B_{wsw} = water vapor % by weight, i.e., pounds of water per pound of dry air, derived from the Psychrometric chart (temp Vs relative humidity)
B_{ws} = water vapor % by volume ; When exhaust vapor stream temperatutes >250 deg F, water vapor % by volume assumed to be zero. Psychometric charts do not exceed 250 deg F.

EQUATIONS

B_{ws} = (B_{wsw}/18 lb-mole H_2O)/[(1/28.84 lb-mole dry air) + (B_{wsw}/18 lb-mole H_2O)]
Q_{std} = (1-Water Vapor) * velocity * (PI * (diameter/24)^2) * (528°R/(Temp + 460))

8/23/01

EMISSION CALCULATIONS

Time Recorded	Elapsed Time (min)	Flow (DSCFM)	$PPM_{measured}$ (ppm)	PPM_{wet}	PPM_{dry}	K (#C - gas)	PPM_{conc}	$C_{c:m}$ (mg/dsm^3)	C_c (lb/dscf)	PMR_c (lb/hr)	PMR_g (lb/hr)	PMR (lb)
5:00 PM	0	Start of Test										
5:00 PM	0	424	400	400	437	5	2183	1089	6.799E-05			0
19:00	120	341	400	400	436	5	2179	1087	0.0000679	1.39	1.61	0.00
21:00	240	327	400	400	436	5	2179	1087	0.0000679	1.33	1.54	3.08
2:00	540	312	400	400	436	5	2179	1087	0.0000679	1.27	1.47	2.95
6:00	780	312	420	420	458	5	2288	1142	0.0000713	1.27	1.47	7.36
8:00	900	312	400	400	436	5	2179	1087	0.0000679	1.34	1.55	6.19
10:00	1020	312	380	380	414	5	2070	1033	0.0000645	1.27	1.47	2.95
12:00	1140	312	380	380	414	5	2070	1033	0.0000645	1.21	1.40	2.80
14:00	1260	312	400	400	436	5	2179	1087	0.0000679	1.21	1.40	2.80
16:00	1380	327	400	400	436	5	2179	1087	0.0000679	1.33	1.54	3.08

Total emissions in pounds **31.19**

Total emissions in gallons **4.99**

NOTES

$PPM_{measured}$ = Actual measurements (ppm) taken with a OVA or TVA at the blower discharge piping

PPM_{wet} = "wet" concentration

PPM_{dry} = "dry" concentration

K = Number of carbons in calibration gas: (Methane K = 1, or Propane K = 3, or Hexane K = 6)

PPM_c= PPM_v, Volumetric concentration of VOC emissions as carbon, dry basis at STP

$C_{c:m}$ = mg/dsm^3, mass concentration of VOC emissions as carbon

M_c = 12.01 mg/mg-mole, molecular weight of carbon

K_3 = 24.07 dsm^3/10^6 mg-mole, mass to volume conversion factor at STP

C_c = lb/dcsf, mass concentration of VOC emissions as carbon, dry basis at STP

PMR_c = lb/hr, pollutant mass removal rate of VOC's as carbon

PMR_g = lb/hr, pollutant mass removal rate of of VOC's as gasoline

PMR = lb, pollutant mass removal of VOC's as gasoline

EQUATIONS

$PPM_{wet} = PPM_{measured}$

$PPM_{dry} = (PPM_{wet})/(1-B_{ws})$

$PPM_c = (PPM_d)(K)$

$C_{c:m} = (PPM_c)(M_c / K_3)$

$C_c = (C_{c:m})(62.43x10^{-9}$ lb-m^3/mg-ft$^3)$

$PMR_c = (C_c)(Q_{std})(60$ min/hr)

$PMR_g = (PMR_c)(M_g/M_{cg})$

PMR = (PMR_g)(#minutes/60)

four seasons® environmental

12504

P.O. Box 16590 • Greensboro, NC 27416-0590 • (336) 273-2718

MATERIAL MANIFEST

MANIFEST# 12504 F.S.E. JOB # 111066 VEY

Date: 7-17-01

Generator: Exxon # ~~[illegible]~~ 4-3998
Market St.
Greensboro N.C.

Phone No:

EPA ID No:

Process which generated material:

I certify that the materials described below are properly classified, packaged, marked & labeled, and are in the proper condition to be transported as specified by the Department of Transportation. I certify that the material described below is not a hazardous waste in accordance with the Environmental Protection Agency. I certify that the specific material was delivered to the carrier named below for transport to the facility indicated.

Date 7-17-01 Signature

HM	PROPER SHIPPING NAME AS LISTED ON 172.101 TABLE	HAZ CLASS	DOT I.D. NUMBER	PG GROUP	QUANTITY	CIRCLE UNIT	CONTAINER NO.	CONTAINER TYPE	ERG. NO.
1	Gasoline Flammable liquid	3	1203	I II III	11" 303	Gals Pounds Tons Cu. Yds.	1	TT DT CM DM DF	128

FOUR SEASONS ENVIRONMENTAL USE ONLY

DESCRIPTION OF MATERIAL		CIRCLE FORM	AMOUNT SOLIDS		AMOUNT LIQUIDS	
		SOLID	GALLONS	TONS	NO. DRUMS	GALLONS
CONTAINER	NUMBER	LIQUID				
		SLUDGE				

FACILITY USE ONLY

Transporter: Four Seasons Environmental, Inc.
3107 S. Elm-Eugene Street
Greensboro, NC 27406

Unit Number (s)
Phone No.
EPA ID No.
Container:

Vehicle License Tag Number (s)

Transporter Certification:
I certify that the specified material was transferred in a registered (licensed) vehicle to the facility indicated. Accepted

Pick-up Driver's Signature

Delivering Driver's Signature

Facility: Four Seasons Environmental, Inc.
[illegible]
Greensboro, NC [illegible]

Phone No.
Contact:

Handling Method:

Facility Certification:
Certify that the transporter above delivered the specified material to this facility and that [illegible] handling method. We authorize and qualified by the State of to handle [illegible]

Date Signature:

FOUR SEASONS® environmental

12628

P.O. Box 16590 • Greensboro, NC 27416-0590 • (336) 273-2718

MATERIAL MANIFEST

MANIFEST# 12628 F.S.E. JOB # 111066 UEX

Date: 7-18-01

Generator: Exxon # 4-3998
Market St.
Greensboro N.C.

Phone No:

EPA ID No:

Process which generated material:

I certify that the materials described below are properly classified, packaged, marked & labeled, and are in the proper condition to be transported as specified by the Department of Transportation. I certify that the material described below is not a hazardous waste in accordance with the Environmental Protection Agency. I certify that the specific material was delivered to the carrier named below for transport to the facility indicated.

Date 7-18-01 Signature

HM	PROPER SHIPPING NAME AS LISTED ON 172.101 TABLE	HAZ CLASS	DOT I.D. NUMBER	PG GROUP	QUANTITY	CIRCLE UNIT	CONTAINER NO.	CONTAINER TYPE	ERG. NO.
X	Gasoline Flammable liquid	3	1203	I (II) III	24 " 941	(Gals) Pounds Tons Cu. Yds.	1	(TT) DT CM DM DF	128

FOUR SEASONS ENVIRONMENTAL USE ONLY

DESCRIPTION OF MATERIAL		CIRCLE FORM	AMOUNT SOLID		AMOUNT LIQUIDS	
Gasoline + waste water		SOLID	GALLONS	TONS	NO. DRUMS	GALLONS
CONTAINER	NUMBER	(LIQUID)				
		SLUDGE				

Transporter: Four Seasons Environmental, Inc.
3107 S. Elm Eugene Street
Greensboro, NC 27406

Vehicle License Tag Number (s): [illegible]

Transporter Certification:
I certify that the specified material was transferred in a registered licensed vehicle [illegible] accepted.

Pick-up Driver's Signature: [illegible]

Delivering Driver's Signature: [illegible]

Facility: Four Seasons Environmental, Inc.
[illegible]
Greensboro, NC 27406

Handling Method:

Facility Certification:
I certify that the transporter above delivered the specified material to this facility and was tendered [illegible] handling method. We authorize and qualified by the State of _____ to handle this material.

Date Signature:

FACILITY USE ONLY

Unit Number (s): [illegible]

Phone No: [illegible]

EPA ID No: [illegible]

Container: [illegible]

Phone No: [illegible]

Contact: [illegible]