October 8, 2003

Mr. Joseph Abel
Exxon Mobil Corporation
East Providence Terminal
1001 Wampanoag Trail
Riverside, Rhode Island 02915

Re: Additional Sediment Sampling of the Buffalo River Shoreline
Completion Letter Report
Buffalo Terminal, ExxonMobil Corporation

Dear Mr. Abel:

Roux Associates, Inc. (Roux Associates) has prepared this report to document the additional sediment sampling performed along the Buffalo River Shoreline of the Eastern Tank Yard Area (ETYA) at the ExxonMobil Oil Corporation Buffalo Terminal (Site) (Figure 1). The additional sediment sampling was completed on September 9, 2003. This work, which included the collection of four sediment samples along the Buffalo River bank (Figure 2), was performed in accordance with the Work Plan for Additional Sediment Sampling of the Buffalo River Shoreline, dated July 7, 2003, prepared by Roux Associates and subsequent modifications requested by the New York State Department of Environmental Conservation (NYSDEC) in an email from Mr. Timothy Dieffenbach to Mr. Joseph Abel of ExxonMobil dated August 8, 2003 and a letter dated July 28, 2003.

Riverbank Sediment Sampling Field Work Description

A hand auger was used to collect sediment samples (SS-15 through SS-18) from the bank of the Buffalo River at locations chosen in the field on the day of sampling by Mr. Timothy Dieffenbach and Mr. Jaspal Walia of the NYSDEC. The samples were collected continuously from the land surface to a maximum depth of 4.3 ft. Samples were collected from each location from the 0 – 0.5-ft interval. In addition, for SS-15 and SS-16, an additional sample was taken from a deeper interval (1 – 2-ft interval and 4 – 4.3-ft interval, respectively). The supervising technical staff inspected all sediment samples and recorded all applicable lithologic characteristics. In addition, all sediment samples were visually inspected for evidence of separate-phase product and screened for organic vapors with a photoionization detector (PID). Boring logs are presented in Attachment 1. Petroleum odor, staining and evidence of product were detected in all of the sampling locations, except in SS-18. PID readings ranged from 0 parts per million (ppm) (SS-18 at the 2 – 3-ft interval) to 272 ppm (SS-16 at the 4 – 4.3-ft interval).

The samples from all four locations were analyzed by Test America, Inc. for the following parameters:

- Volatile Organic Compounds (VOCs) and Semivolatile Organic Compounds (SVOCs) according to United States Environmental Protection Agency (USEPA) Methods SW846 8021 and 8270 for NYSDEC STARS list compounds, respectively;

- Total Petroleum Hydrocarbons (TPH) for Diesel Range Organics (DRO) and Gasoline Range Organics (GRO) according to USEPA Method 8015; and

- Total Lead and Toxicity Characteristics Leaching Procedure (TCLP) Lead.

In addition, all samples were also analyzed by Accutest Laboratories for Tetraethyl Lead. As a note, TEL samples were not analyzed within 7 days of collection; however, they were prepared and preserved properly at 4 degrees Celsius from the time of collection to the time of analysis. Analytical reports are included as Attachment 2.

Riverbank Sediment Quality

Table 1 summarizes the analytical results for the sediment samples collected during the investigation. Although they are not soil samples, to be consistent with previous investigation reports prepared for this portion of the Site, sample results were compared to the NYSDEC Recommended Soil Cleanup Objectives (RSCOs) presented in the "Division of Hazardous Waste Remediation, Division Technical and Administrative Guidance Memorandum 4046: Determination of Soil Cleanup Objectives and Cleanup Levels" (NYSDEC 1994).

Lead and Tetraethyl Lead Results

Laboratory results indicate that tetraethyl lead was detected above the quantitation limit [12.5 milligrams per kilogram (mg/kg)] in one sampling location, SS-16 at the 4 – 4.3-ft interval. For lead, all samples exhibited concentrations below NYSDEC RSCOs. Toxicity Characteristic Leaching Procedure (TCLP) extraction was performed for the sample that contained the highest lead concentration, SB-17. The result indicated that TCLP lead concentration was below 0.5 milligrams per liter (mg/L). This result is below the regulatory limit of 5 mg/L for TCLP lead.

SVOCs Results

One sampling location (SS-15 at 0 – 0.5-ft and 1 – 2-ft interval) exhibited exceedances for benzo(a)pyrene and benzo(b)fluoranthene. These exceedances at these two locations ranged from one to three times NYSDEC RSCOs.

VOCs Results

One sampling location (SS-16 at 4 – 4.3-ft interval) exhibited exceedances for the following constituents: benzene, total xylenes, 1,3,5-trimethylbenzene, isopropylbenzene

and n-propylbenzene. Another sampling location (SS-17 at 0 – 0.5-ft interval) exhibited exceedances for total xylenes. The exceedances ranged from one to fifty times NYSDEC RSCOs.

TPH-DRO and GRO Results

TPH-DRO concentrations ranged from 16.9 mg/kg detected in SS-18 to 15,500 mg/kg detected in SS-17. TPH-GRO concentrations ranged from non-detect found in SS-18 and SS-15 at the 0 – 0.5-ft interval to 86 mg/kg found in SS-16 at the 4 – 4.3-ft interval.

Summary of Findings

The analytical results from sediment samples collected from the Buffalo River shoreline in September 2003 confirm field observations of petroleum-related impacts conducted in the past. Where odor, staining, sheen and/or separate-phase were observed, the analytical results indicated the presence of petroleum-related constituents. The laboratory results indicate that the sediment quality in the 480-foot segment of the Buffalo River shoreline has been impacted by diesel range and gasoline range constituents. As discussed previously, laboratory results indicate that tetraethyl lead was detected above the quantitation limit in one sampling location, SS-16 at the 4 – 4.3-ft interval. For lead, all samples exhibited concentrations below NYSDEC RSCOs.

The distribution of petroleum-related impacts along this portion of the shoreline is consistent with the possibility that impacts may be transported along the riverbank by actions of currents and wind in either direction.

If you have any questions, please do not hesitate to contact me at 631-232-2600.

Sincerely,

ROUX ASSOCIATES, INC.

Wendy Shen
Project Engineer

Noelle Clarke, P.E.
Principal Engineer/
Project Manager

Attachment

Table 1. Summary of Analytical Results from the Additional Sediment Sampling at the Buffalo River Shoreline
ExxonMobil Oil Corporation, Buffalo Terminal, Buffalo, New York

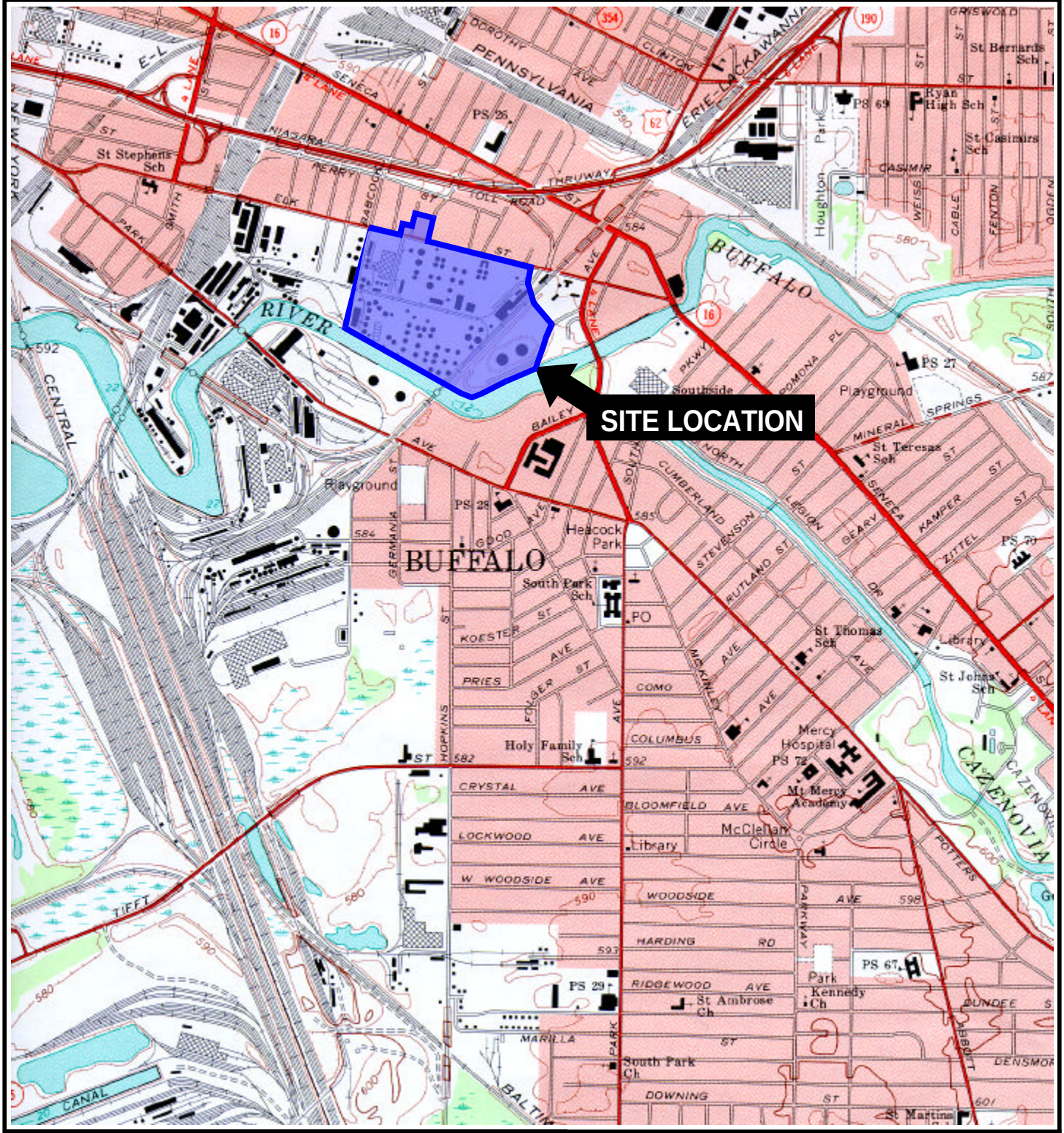
Parameter (Concentrations in µg/kg)	NYSDEC RSCOs	Sample Designation: / Sample Date: / Sample Depth (ft bls):	SS-15 09/09/03 0-0.5	SS-15 09/09/03 1-2	SS-16 09/09/03 0-0.5	SS-16 09/09/03 4-4.3	SS-17 09/09/03 0-0.5
Metals							
Lead, Tetraethyl as Pb	-		7200 U	6900 U	6500 U	12500	6000 U
Lead	500000		41500	67800	50800	46700	146000
Lead, TCLP (in mg/L)			-	-	-	-	0.5U
SVOCs							
Acenaphthene	50000		132 U	66 U	1650 U	6540 U	6670 U
Anthracene	50000		132 U	66 U	1650 U	6540 U	6670 U
Benzo[a]anthracene	224		152	86	1650 U	6540 U	6670 U
Benzo[a]pyrene	61		**178**	**76**	1650 U	6540 U	6670 U
Benzo[b]fluoranthene	61		**198**	**92**	1650 U	6540 U	6670 U
Benzo[g,h,i]perylene	-		132 U	66 U	1650 U	6540 U	6670 U
Benzo[k]fluoranthene	610		132 U	66 U	1650 U	6540 U	6670 U
Chrysene	400		211	112	1650 U	6540 U	6670 U
Dibenzo[a,h]anthracene	14.3		132 U	66 U	1650 U	6540 U	6670 U
Fluoranthene	50000		422	241	1650 U	6540 U	6670 U
Fluorene	50000		132 U	106	1650 U	6540 U	6670 U
Indeno[1,2,3-cd]pyrene	3200		132 U	66 U	1650 U	6540 U	6670 U
Naphthalene	-		132 U	66 U	1650 U	6540 U	6670 U
Phenanthrene	50000		132 U	462	1650 U	11100	10700
Pyrene	50000		310	218	1650 U	6540 U	6670 U
Total SVOCs:	500000		1471	1393	0	11100	10700
VOCs							
Benzene	60		2.3	7.7	31.8	**2880**	100 U
Toluene	1500		3.7	13	12.4	910	230
Ethylbenzene	5500		2 U	5.7	3.9	1060	105
Xylenes (total)	1200		3.8	55.6	36.8	**7580**	**2800**
Total BTEX:			9.8	82	84.9	12430	3135
1,2,4-Trimethylbenzene	10000		2 U	6.8	8.2	5700	6950
1,3,5-Trimethylbenzene	3300		2 U	11.6	3.3	**3700**	1250
Isopropylbenzene	2300		2 U	134	19.5	**6100**	250
MTBE	120		2 U	2 U	2 U	100 U	100 U
Naphthalene	13000		5 U	9.8	13.5	600	400
n-Butylbenzene	10000		2 U	720	87.8	7350	1550
n-Propylbenzene	3700		2 U	570	44.1	**9700**	620
p-Isopropyltoluene	10000		2 U	2	2 U	4380	450
sec-Butylbenzene	10000		2 U	135	41.5	2790	580
tert-Butylbenzene	10000		2 U	10.5	2.1	150	100 U
Total VOCs:	10000		9.8	1681.7	304.9	**52900**	**15185**
Miscellaneous Parameters							
TPH (Diesel Range)	-		114000	1180000	930000	10000000	15500000
TPH (Gasoline Range)	-		5000 U	73000	35800	86000	80600
% Solids			69.4	74.6	76	72	80.3

Notes:
µg/kg - Micrograms per kilogram
mg/L - Milligrams per liter
RSCOs - RSCOs - Recommended Soil Cleanup Objectives
VOC - Volatile Organic Compound
SVOC - Semivolatile Organic Compound
Bold - Concentrations are above NYSDEC RSCOs
U - The analyte was analyzed for, but not detected above the reported quantitation limit

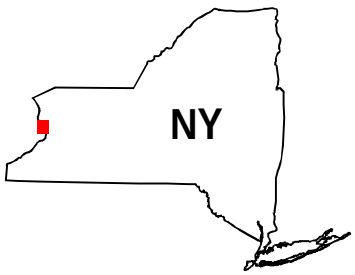
Summary of Analytical Results from the Additional Sedime
ExxonMobil Oil Corporation, Buffalo Terminal, Buffalo, Ne

Parameter entrations in µg/kg)	NYSDEC RSCOs	**Sample Designation:** **Sample Date:** **Sample Depth (ft bls):**	SS-18 09/09/03 0-0.5
etraethyl as Pb	-		6100 U
	500000		9180
CLP (in mg/L)			-
nthene	50000		66 U
ene	50000		66 U
]anthracene	224		66 U
]pyrene	61		66 U
]fluoranthene	61		66 U
,h,i]perylene	-		66 U
]fluoranthene	610		66 U
e	400		66 U
[a,h]anthracene	14.3		66 U
thene	50000		66 U
e	50000		66 U
1,2,3-cd]pyrene	3200		66 U
lene	-		66 U
hrene	50000		66 U
	50000		66 U
VOCs:	500000		0
e	60		2.3
	1500		2.6
nzene	5500		2 U
(total)	1200		2.5
TEX:			7.4
imethylbenzene	10000		2 U
imethylbenzene	3300		2 U
ylbenzene	2300		2 U
	120		2 U
lene	13000		5 U
benzene	10000		2 U
lbenzene	3700		2 U
pyltoluene	10000		2 U
ylbenzene	10000		2 U
ylbenzene	10000		2 U
OCs:	10000		7.4
eous Parameters			
iesel Range)	-		16900
asoline Range)	-		5000 U
s			82.4

Micrograms per kilogram
Milligrams per liter
RSCOs - Recommended Soil Cleanup Objectives
Volatile Organic Compound
Semivolatile Organic Compound
Concentrations are above NYSDEC RSCOs
The analyte was analyzed for, but not detected above the report



QUADRANGLE LOCATION



SOURCE:
USGS; 1965, Buffalo SE, New York
7.5 Minute Topographic Quadrangle

Title:

SITE LOCATION MAP

BUFFALO TERMINAL

Prepared for:

EXXONMOBIL OIL CORPORATION

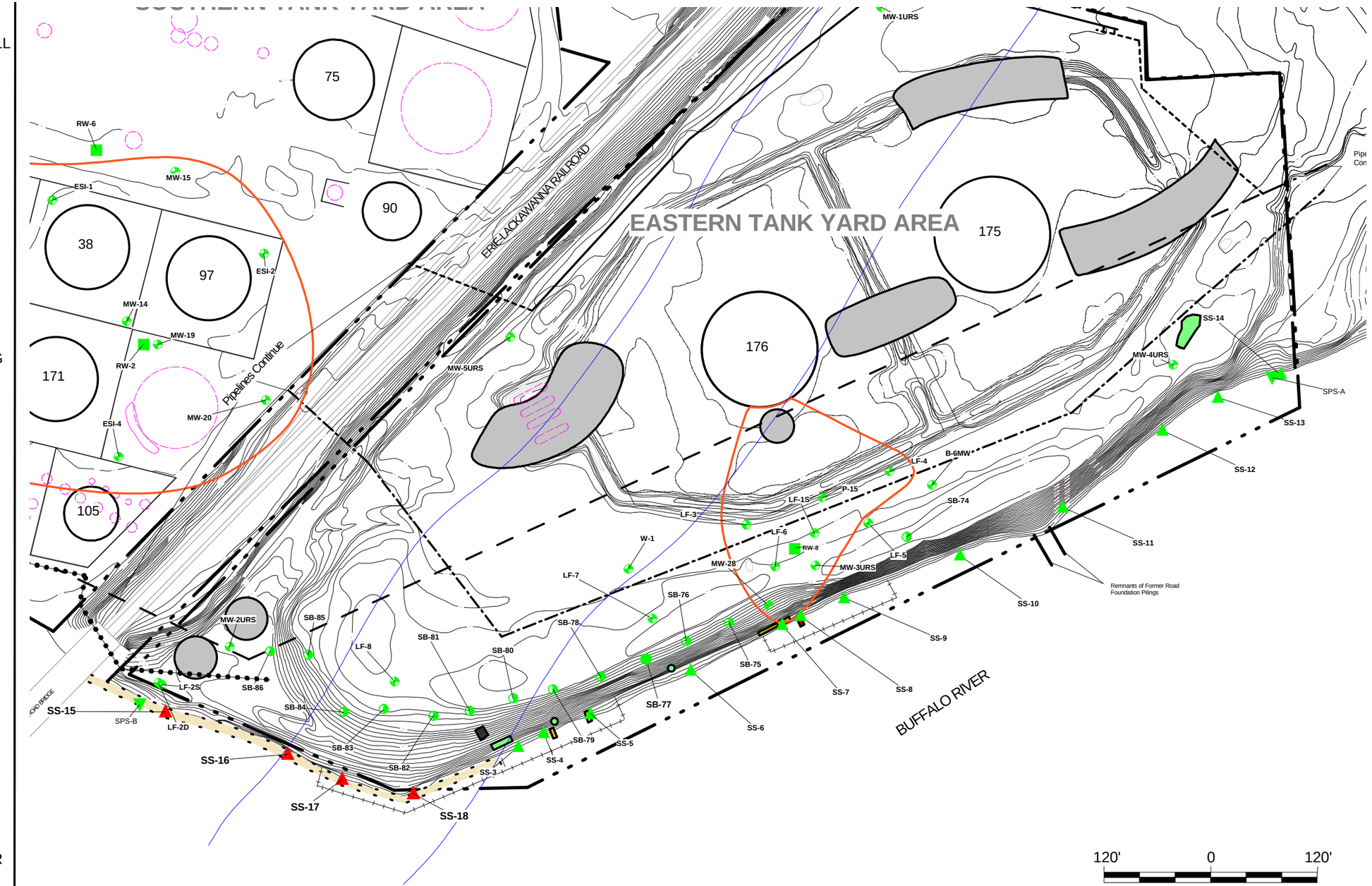
ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Compiled by: N.C.		Date: 07OCT03	FIGURE
Prepared by: R.K.		Scale: AS SHOWN	1
Project Mgr.: N.C.		Office: NY	
File No.: MC5222602.CDR		Project No.: 17252Y05	

N:\PROJECTS\MC172Y\MC52Y\226\MC5222602.CDR

LEGEND

- EXISTING SOIL BORING/ MONITORING WELL
- EXISTING MONITORING WELL
- EXISTING RECOVERY WELL
- EXISTING SOIL BORING LOCATION
- PHASE II INVESTIGATION SEDIMENT SAMPLE LOCATION
- APRIL 2001 SEDIMENT SAMPLE LOCATION
- PROPOSED SEDIMENT SAMPLE LOCATION
- WELL POINT SYSTEM
- AREAS OF PRODUCT/IRON STAINING (proportions exaggerated for clarity)
- AREA OF PRODUCT SEEPAGE OBSERVED ON OCTOBER 26, 2000 (proportions exaggerated for clarity)
- LIMITS OF SHORELINE INSPECTED ON JUNE 4, 2003 (width exaggerated for clarity)
- LIMITS OF SORBENT BOOM (proportions exaggerated for clarity)
- HISTORICAL WASTE HANDLING AREAS
- DRUM REMNANTS (proportions exaggerated for clarity)
- ASPHALT MATERIAL (proportions exaggerated for clarity)
- LIMITS OF CURRENT/HISTORICAL SEPARATE-PHASE PRODUCT OBSERVED IN MONITORING WELLS
- APPROXIMATE COURSE OF FORMER BUFFALO RIVER CHANNEL



- PORTION OF EXXON MOBIL CORP.'S BURIED PRODUCT PIPELINE THAT IS ABANDONED (Line purged and abandoned in place)
- PORTION OF EXXON MOBIL CORP.'S BURIED PRODUCT PIPELINE THAT IS ACTIVE
- EXXON MOBIL CORP.'S ACTIVE ABOVEGROUND PRODUCT PIPELINE
- LAKEHEAD PIPELINE CO.'S, BURIED PRODUCT PIPELINE (Line reportedly purged and filled with nitrogen in 1982. Line field located prior to drilling)
- APPROXIMATE EXXON MOBIL CORP.'S PROPERTY LINE

N

Title:

SITE LOCATION MAP WITH SAMPLING LOCATIONS

Prepared For:

EXXONMOBIL OIL CORPORATION

ROUX ASSOCIATES INC
Environmental Consulting & Management

Compiled by: NC	Date: 10/06/03	FIGURE
Prepared by: NC	Scale: AS SHOWN	2
Project Mgr: NC	Office: NY	
File No: MC5222601.WOR	Project: 17252Y05	

ATTACHMENT 1

Boring Logs

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

209 Shafter Street
Islandia, NY 11749
Telephone: 631-232-2600
Fax: 631-232-9898

SOIL BORING LOG

WELL NO. **Boring No. SS-15**	NORTHING **Not Measured**	EASTING **Not Measured**		
PROJECT NO./NAME **17252Y04 / ExxonMobil Buffalo Terminal**		LOCATION **625 Elk Street**		
APPROVED BY	LOGGED BY **M. Falzone**	**Buffalo, New York**		
DRILLING CONTRACTOR/DRILLER **GES / M. Falzone**		GEOGRAPHIC AREA **ETYA**		
DRILL BIT DIAMETER/TYPE **3-in. /**	BOREHOLE DIAMETER **3-inches**	DRILLING EQUIPMENT/METHOD **Hand Auger / Hand Auger**	SAMPLING METHOD **Shovel/ Hand Auger**	START-FINISH DATE **9/9/03-9/9/03**
LAND SURFACE ELEVATION **Not Measured**	DEPTH TO WATER **Not Measured**	BACKFILL		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Olive-gray fine to medium SAND, some SILT and Clay, wood pieces; Wet		4	Black staining noted. Soil sample colected from 0-0.5 ft bgs
1					1
		Olive fine SAND, some Silt and Clay, traces medium Sand; Wet		1.9	Soil sample colected from 1-2 ft bgs
2					2
		Refusal @ 2 ft bgs, wood material; moved to west location Olive gray fine to medium SAND, some Silt and Clay; Wet			Petroleum odor noted
3					End of soil boring log 3

BORING/WELL 17252Y03.GPJ ROUX.GDT 10/7/03

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

209 Shafter Street
Islandia, NY 11749
Telephone: 631-232-2600
Fax: 631-232-9898

SOIL BORING LOG

WELL NO. **Boring No. SS-16**	NORTHING **Not Measured**	EASTING **Not Measured**		
PROJECT NO./NAME **17252Y04 / ExxonMobil Buffalo Terminal**		LOCATION **625 Elk Street**		
APPROVED BY	LOGGED BY **M. Falzone**	**Buffalo, New York**		
DRILLING CONTRACTOR/DRILLER **GES / M. Falzone**		GEOGRAPHIC AREA **ETYA**		
DRILL BIT DIAMETER/TYPE **3-in. /**	BOREHOLE DIAMETER **3-inches**	DRILLING EQUIPMENT/METHOD **Hand Auger / Hand Auger**	SAMPLING METHOD **Shovel/ Hand Auger**	START-FINISH DATE **9/9/03-9/9/03**
LAND SURFACE ELEVATION **Not Measured**	DEPTH TO WATER **Not Measured**	BACKFILL		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Olive-gray fine SAND and SILT, some (-) Clay; Wet			Petroleum odor. Black staining and product noted. Soil sample colected from 0-0.5 ft bgs
1		Fine to medium SAND, little (+) Clay; Wet		112	Petroleum odor. Black staining and product noted
2		Fine SAND and SILT, some Clay, trace medium Sand		190	Petroleum odor. Black staining noted
3		Refusal @ 3.1 ft bgs, wood material; moved 5ft east Olive gray fine to medium SAND, some Silt, little Clay; Wet		272	Petroleum odor. Black staining noted. PID overlimit at 3-4 ft bgs, 5% recovery, no sample collected. Soil sample colected from 4-4.3 ft bgs
4					End of soil boring log

BORING/WELL 17252Y03.GPJ ROUX.GDT 10/7/03

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

209 Shafter Street
Islandia, NY 11749
Telephone: 631-232-2600
Fax: 631-232-9898

SOIL BORING LOG

WELL NO.	NORTHING	EASTING
Boring No. SS-17	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
17252Y04 / ExxonMobil Buffalo Terminal	**625 Elk Street**
APPROVED BY	LOGGED BY
	M. Falzone
	Buffalo, New York

DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA
GES / M. Falzone	**ETYA**

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. /	**3-inches**	**Hand Auger / Hand Auger**	**Shovel/ Hand Auger**	**9/9/03-9/9/03**

LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL
Not Measured	**Not Measured**	

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Fine SAND and SILT, some (-) Clay; Wet		48.7	Petroleum odor. Black staining and product noted. Soil sample colected from 0-0.5 ft bgs
1		Olive-gray fine SAND and SILT, some Clay; Wet		11.1	Petroleum odor. Black staining noted
2		Olive-gray fine SAND and SILT, some (+) Clay; Wet		24.1	
3		Olive-gray SILT and CLAY, little (+) fine Sand; Wet		84.0	
4					End of soil boring log

BORING/WELL 17252Y03.GPJ ROUX.GDT 10/7/03

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

209 Shafter Street
Islandia, NY 11749
Telephone: 631-232-2600
Fax: 631-232-9898

SOIL BORING LOG

WELL NO. **Boring No. SS-18**	NORTHING **Not Measured**	EASTING **Not Measured**		
PROJECT NO./NAME **17252Y04 / ExxonMobil Buffalo Terminal**		LOCATION **625 Elk Street**		
APPROVED BY	LOGGED BY **M. Falzone**	**Buffalo, New York**		
DRILLING CONTRACTOR/DRILLER **GES / M. Falzone**		GEOGRAPHIC AREA **ETYA**		
DRILL BIT DIAMETER/TYPE **3-in. /**	BOREHOLE DIAMETER **3-inches**	DRILLING EQUIPMENT/METHOD **Hand Auger / Hand Auger**	SAMPLING METHOD **Shovel/ Hand Auger**	START-FINISH DATE **9/9/03-9/9/03**
LAND SURFACE ELEVATION **Not Measured**	DEPTH TO WATER **Not Measured**	BACKFILL		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Yellow/orange medium to coarse SAND, some (-) subrounded to rounded Gravel; Wet		3	Soil sample colected from 0-0.5 ft bgs
1					1
		Gray medium to coarse SAND, some subrounded to rounded Gravel		3	
2					2
		Yellow/orange medium to coarse SAND, some (-) subrounded to rounded Gravel; Wet		0	
3					Cave in of boring noted at 3 ft bgs. End of soil boring log 3

BORING/WELL 17252Y03.GPJ ROUX.GDT 10/7/03

ATTACHMENT 2

Laboratory Analytical Reports

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Roux Assoc-Noelle Clarke
Address: 209 Shafte St
City/State/Zip: Islandia NY 11749
ExxonMobil Project Mgr: J. Abel
Telephone Number: 631-232-2600 Fax No.: 631-232-9899
Sampler Name: (Print) Marc Falzone - GES, Inc.
Sampler Signature: 716-873-4021

Report To: Roux Assoc
Invoice To: (ExxonMobil PM unless otherwise indicate)
Account #:
PO #:
Facility ID # 3/010
Site Address 625 Elk St
City, State, Zip Buffalo NY 14210

Regulatory District (CA)

346331 #3455

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	HNO_3 (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	None (Black Label)	Other (Specify)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: NYSDEC STARS	8021 + 8270	TPH GRO + DRO 8015	Total Pb	TCLP Pb					RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	STD TAT	Fax Results
SS-15/0-0.5	9/9	400P	3	X															X		X		X	X		0814	17	80					
SS-15/1-2	9/9	450	3	X															X		X		X	X				81					
SS-16/0-0.5	9/9	215	3	X															X		X		X	X				82					
SS-16/4'-4'4"	9/9	320	3	X															X		X		X	X				83					
SS-17/0-0.5	9/9	1204	3	X															X		X		X	X				84					
~~SS-17~~	~~9/9~~																				X		X	X									
SS-18/0-0.5	9/9	100P	3	X															X		X		X	X		1417		85					
~~SS-18~~	~~9/9~~																				X		X	X									

Special Instructions: Sample w/ highest total lead run for TCLP Lead

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N

Relinquished by:	Date	Time	Received by:	Date	Time
	9/9/03	500PM	Cooler w/ Ice	9/9/03	500
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
Cooler w/ Ice	9/10/03	900AM		9/10/03	9AM

Relinquished by 9/10/03 1200pm

9-1103 @ 0825

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM BC# 346331

Client: Rock Assoc.

Cooler Received On: 9/11/03 And Opened On: 9/11/03 By: Mike McBride

(Signature)

1. Temperature of Cooler when opened 0.6 **Degrees Celsius**
2. Were custody seals on outside of cooler?.....(YES)...NO....NA
   a. If yes, how many, what kind and where: 6 Front
3. Were custody seals on containers and intact?.....(NO)..YES...NA
4. Were the seals intact, signed, and dated correctly?.....(YES)...NO...NA
5. Were custody papers inside cooler?.....(YES)...NO...NA
6. Were custody papers properly filled out (ink,signed,etc)?.....(YES)..NO...NA
7. Did you sign the custody papers in the appropriate place?.....(YES)...NO...NA
8. What kind of packing material used? (Bubblewrap) Peanuts Vermiculite Other None
9. Cooling process: (Ice) Ice pack Ice(direct contact) Dry ice Other None
10. Did all containers arrive in good condition(unbroken)?.....(YES)..NO...NA
11. Were all container labels complete (#,date,signed,pres,etc)?.....(YES)..NO...NA
12. Did all container labels and tags agree with custody papers?.....(YES)..NO...NA
13. Were correct containers used for the analysis requested?.....(YES)..NO...NA
14. a. Were VOA vials received?.....(YES)..NO...NA
    b. Was there any observable head space present in any VOA vial?.....NO...YES...(NA)
15. Was sufficient amount of sample sent in each container?.....(YES)..NO...NA
16. Were correct preservatives used?.....(YES)..NO...NA
    If not, record standard ID of preservative used here_____
17. Was residual chlorine present?.....NO...YES...(NA)
18. See attached for resolution of non-conformance:

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

TestAmerica
INCORPORATED

Sample NonConformance/COC Revision Form

Initiated by:	Mmcbride	**Phone:**		NC Closed	☑
Client Name:	ROUX ASSOCIAT	**Sample Range:**	141780-85	Date Closed	9/16/2003
Client Contact:	J.Abel	**SDG:**	346331		
Client Account:	3955	**Analyst:**	127		
Date Created:	9/11/2003	**Supervisor:**	Paul Buckingham		
NC #:	141785	**NC Type:**	NC Analytical 1		
Project Name:	31010	**Terminal Manager:**	Abel		
Project Number:	31010				

Process: 8260 Instead of 8021?

Corrected By: Dorothy Roberts

Action: Other action taken (Please explain in summary section below).

Closed: ☑ Droberts

Comments:

Comment added by: Mmcbride on 9/16/2003 12:11:32 PM
NC closed with out comments

****

Comment added by: Droberts on 9/12/2003 4:47:14 PM
J. Abel notified

****

Comment added by: Droberts on 9/12/2003 4:47:05 PM
-----Original Message-----
From: Dorothy Roberts
Sent: Friday, September 12, 2003 4:47 PM
To: 'joseph.a.abel@exxonmobil.com'
Subject: NC 4241 346331 Buffalo

Good afternoon,
We've received the Buffalo project. According to the chain, 8021 is requested. For soil analysis, we perform the 8260. We will proceed with the 8260 analysis and report the same list as we would for 8021 and the same price. If this is not acceptable, please let me know. I've included the chain for your reference.
Cordially,

****

Added Without Comments

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9/18/03 CASE NARRATIVE

ROUX ASSOCIATES 3955

209 SHAFTER ST
ISLANDIA, NY 11749

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

Project Name: EXXONMOBIL 31010
Project Number: .
Laboratory Project Number: 346331.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. Any QC recoveries outside laboratory control limits are flagged individually with an #. Sample specific comments and quality control statements are included in the Laboratory notes section of the analytical report for each sample report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

Sample Identification	Lab Number	Collection Date
SS-15/(0-0.5)	03-A141780	9/ 9/03
SS-15/(1-2)	03-A141781	9/ 9/03
SS-16/(0-0.5)	03-A141782	9/ 9/03
SS-16/(4-4'4")	03-A141783	9/ 9/03
SS-17/(0-0.5)	03-A141784	9/ 9/03
SS-18/(0-0.5)	03-A141785	9/ 9/03

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Sample Identification	Lab Number	Collection Date

These results relate only to the items tested.
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Report Approved By: _____ Report Date: 9/18/03

Ashley Morris, Lab Director
Michael H. Dunn, M.S., QA/QC Director
Johnny A. Mitchell, Operations Manager Organics
Eric S. Smith, Assistant Technical Director
Roxanne L. Connor, Technical Services
Gail A. Lage, Technical Serv.
Glenn L. Norton, Technical Serv.
Kelly S. Comstock, Technical Serv.
Pamela A. Langford, Technical Serv.

Laboratory Certification Number: 11342

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ANALYTICAL REPORT

ROUX ASSOCIATES 3955

209 SHAFTER ST
ISLANDIA, NY 11749

Project:
Project Name: EXXONMOBIL 31010
Sampler: MARC FALZONE

Lab Number: 03-A141780
Sample ID: SS-15/(0-0.5)
Sample Type: Soil
Site ID: 3-1010

Date Collected: 9/ 9/03
Time Collected: 16:00
Date Received: 9/11/03
Time Received: 8:25

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TPH (Gasoline Range)	ND	ug/kg	5000	1	9/13/03	5:01	J. Hunter	8015B	9395
TPH (Diesel Range)	114000	ug/kg	9840	1	9/15/03	11:58	M.Jarrett	8015B	1267
Naphthalene	ND	ug/kg	132	2	9/14/03	8:00	J.Saiyasak	8270C	9968
Acenaphthene	ND	ug/kg	132	2	9/14/03	8:00	J.Saiyasak	8270C	9968
Anthracene	ND	ug/kg	132	2	9/14/03	8:00	J.Saiyasak	8270C	9968
Fluoranthene	422	ug/kg	132	2	9/14/03	8:00	J.Saiyasak	8270C	9968
Fluorene	ND	ug/kg	132	2	9/14/03	8:00	J.Saiyasak	8270C	9968
Pyrene	310	ug/kg	132	2	9/14/03	8:00	J.Saiyasak	8270C	9968
Benzo(a)anthracene	152	ug/kg	132	2	9/14/03	8:00	J.Saiyasak	8270C	9968
Benzo(a)pyrene	178	ug/kg	132	2	9/14/03	8:00	J.Saiyasak	8270C	9968
Benzo(b)fluoranthene	198	ug/kg	132	2	9/14/03	8:00	J.Saiyasak	8270C	9968
Benzo(k)fluoranthene	ND	ug/kg	132	2	9/14/03	8:00	J.Saiyasak	8270C	9968
Chrysene	211	ug/kg	132	2	9/14/03	8:00	J.Saiyasak	8270C	9968
Dibenzo(a,h)anthracene	ND	ug/kg	132	2	9/14/03	8:00	J.Saiyasak	8270C	9968
Indeno(1,2,3-cd)pyrene	ND	ug/kg	132	2	9/14/03	8:00	J.Saiyasak	8270C	9968
Benzo(g,h,i)perylene	ND	ug/kg	132	2	9/14/03	8:00	J.Saiyasak	8270C	9968
Phenanthrene	ND	ug/kg	132	2	9/14/03	8:00	J.Saiyasak	8270C	9968
VOLATILE ORGANICS									
Benzene	2.3	ug/kg	2	1	9/16/03	22:20	J. Yun	8260B	2893
n-Butylbenzene	ND	ug/kg	2	1	9/16/03	22:20	J. Yun	8260B	2893
sec-Butylbenzene	ND	ug/kg	2	1	9/16/03	22:20	J. Yun	8260B	2893
tert-Butylbenzene	ND	ug/kg	2	1	9/16/03	22:20	J. Yun	8260B	2893
Ethylbenzene	ND	ug/kg	2	1	9/16/03	22:20	J. Yun	8260B	2893
Isopropylbenzene	ND	ug/kg	2	1	9/16/03	22:20	J. Yun	8260B	2893

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A141780
Sample ID: SS-15/(0-0.5)
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
p-Isopropyltoluene	ND	ug/kg	2	1	9/16/03	22:20	J. Yun	8260B	2893
Naphthalene	ND	ug/kg	5	1	9/16/03	22:20	J. Yun	8260B	2893
n-Propylbenzene	ND	ug/kg	2	1	9/16/03	22:20	J. Yun	8260B	2893
Toluene	3.7	ug/kg	2	1	9/16/03	22:20	J. Yun	8260B	2893
1,2,4-Trimethylbenzene	ND	ug/kg	2	1	9/16/03	22:20	J. Yun	8260B	2893
1,3,5-Trimethylbenzene	ND	ug/kg	2	1	9/16/03	22:20	J. Yun	8260B	2893
Xylenes (Total)	3.8	ug/kg	2	1	9/16/03	22:20	J. Yun	8260B	2893
o-Xylene	ND	ug/kg	2	1	9/16/03	22:20	J. Yun	8260B	2893
m,p-Xylene	2.6	ug/kg	2	1	9/16/03	22:20	J. Yun	8260B	2893
Methyl-t-butyl ether	ND	ug/kg	2	1	9/16/03	22:20	J. Yun	8260B	2893
METALS									
Lead	41500	ug/kg	960.	1	9/12/03	13:48	C. Martin	6010B	8164

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	29.6 gm	1.0 ml	9/13/03		M. Ricke	3550
EPH/DRO	25.4 gm	1.0 ml	9/13/03		M. Ricke	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	87.	65. - 119.
TPH Hi Surr., o-Terphenyl	39.	35. - 135.
VOA Surr 1,2-DCA-d4	113.	58. - 139.
VOA Surr Toluene-d8	102.	71. - 127.
VOA Surr, 4-BFB	105.	60. - 141.
VOA Surr, DBFM	103.	67. - 126.
BNA Surr-Nitrobenzene-d5	70.	44. - 99.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A141780
Sample ID: SS-15/(0-0.5)
Project:

Surrogate	% Recovery	Target Range
BNA Surr-2-Fluorobiphenyl	69.	45. - 94.
BNA Surr-Terphenyl-d14	64.	53. - 104.

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.
BNA PQL's elevated due to sample matrix.
Trph-d surrogate recovery low due to sample matrix

End of Sample Report.

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ANALYTICAL REPORT

ROUX ASSOCIATES 3955

209 SHAFTER ST
ISLANDIA, NY 11749

Project:
Project Name: EXXONMOBIL 31010
Sampler: MARC FALZONE

Lab Number: 03-A141781
Sample ID: SS-15/(1-2)
Sample Type: Soil
Site ID: 3-1010

Date Collected: 9/ 9/03
Time Collected: 4:30
Date Received: 9/11/03
Time Received: 8:25
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TPH (Gasoline Range)	73000	ug/kg	20000	20	9/13/03	5:33	J. Hunter	8015B	9395
TPH (Diesel Range)	1180000	ug/kg	102000	10	9/15/03	0:17	M.Jarrett	8015B	1267
Naphthalene	ND	ug/kg	66	1	9/14/03	7:23	J.Saiyasak	8270C	9968
Acenaphthene	ND	ug/kg	66	1	9/14/03	7:23	J.Saiyasak	8270C	9968
Anthracene	ND	ug/kg	66	1	9/14/03	7:23	J.Saiyasak	8270C	9968
Fluoranthene	241	ug/kg	66	1	9/14/03	7:23	J.Saiyasak	8270C	9968
Fluorene	106	ug/kg	66	1	9/14/03	7:23	J.Saiyasak	8270C	9968
Pyrene	218	ug/kg	66	1	9/14/03	7:23	J.Saiyasak	8270C	9968
Benzo(a)anthracene	86	ug/kg	66	1	9/14/03	7:23	J.Saiyasak	8270C	9968
Benzo(a)pyrene	76	ug/kg	66	1	9/14/03	7:23	J.Saiyasak	8270C	9968
Benzo(b)fluoranthene	92	ug/kg	66	1	9/14/03	7:23	J.Saiyasak	8270C	9968
Benzo(k)fluoranthene	ND	ug/kg	66	1	9/14/03	7:23	J.Saiyasak	8270C	9968
Chrysene	112	ug/kg	66	1	9/14/03	7:23	J.Saiyasak	8270C	9968
Dibenzo(a,h)anthracene	ND	ug/kg	66	1	9/14/03	7:23	J.Saiyasak	8270C	9968
Indeno(1,2,3-cd)pyrene	ND	ug/kg	66	1	9/14/03	7:23	J.Saiyasak	8270C	9968
Benzo(g,h,i)perylene	ND	ug/kg	66	1	9/14/03	7:23	J.Saiyasak	8270C	9968
Phenanthrene	462	ug/kg	66	1	9/14/03	7:23	J.Saiyasak	8270C	9968
VOLATILE ORGANICS									
Benzene	7.7	ug/kg	2	1	9/17/03	13:46	J. Yun	8260B	2919
n-Butylbenzene	720	ug/kg	200	100	9/16/03	15:39	J. Yun	8260B	2935
sec-Butylbenzene	135	ug/kg	2	1	9/17/03	13:46	J. Yun	8260B	2919
tert-Butylbenzene	10.5	ug/kg	2	1	9/17/03	13:46	J. Yun	8260B	2919
Ethylbenzene	5.7	ug/kg	2	1	9/17/03	13:46	J. Yun	8260B	2919
Isopropylbenzene	134	ug/kg	2	1	9/17/03	13:46	J. Yun	8260B	2919

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A141781
Sample ID: SS-15/(1-2)
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
p-Isopropyltoluene	2	ug/kg	2	1	9/17/03	13:46	J. Yun	8260B	2919
Naphthalene	9.8	ug/kg	5	1	9/17/03	13:46	J. Yun	8260B	2919
n-Propylbenzene	570	ug/kg	200	100	9/16/03	15:39	J. Yun	8260B	2935
Toluene	13	ug/kg	2	1	9/17/03	13:46	J. Yun	8260B	2919
1,2,4-Trimethylbenzene	6.8	ug/kg	2	1	9/17/03	13:46	J. Yun	8260B	2919
1,3,5-Trimethylbenzene	11.6	ug/kg	2	1	9/17/03	13:46	J. Yun	8260B	2919
Xylenes (Total)	55.6	ug/kg	2	1	9/17/03	13:46	J. Yun	8260B	2919
o-Xylene	24.2	ug/kg	2	1	9/17/03	13:46	J. Yun	8260B	2919
m,p-Xylene	31.4	ug/kg	2	1	9/17/03	13:46	J. Yun	8260B	2919
Methyl-t-butyl ether	ND	ug/kg	2	1	9/17/03	13:46	J. Yun	8260B	2919
METALS									
Lead	67800	ug/kg	950.	1	9/12/03	13:48	C. Martin	6010B	8164

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.2 gm	1.0 ml	9/13/03		M. Ricke	3550
EPH/DRO	24.5 gm	1.0 ml	9/13/03		M. Ricke	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	87.	65. - 119.
VOA Surr 1,2-DCA-d4	101.	58. - 139.
VOA Surr Toluene-d8	106.	71. - 127.
VOA Surr, 4-BFB	109.	60. - 141.
VOA Surr, DBFM	99.	67. - 126.
BNA Surr-Nitrobenzene-d5	76.	44. - 99.
BNA Surr-2-Fluorobiphenyl	68.	45. - 94.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A141781
Sample ID: SS-15/(1-2)
Project:

Surrogate	% Recovery	Target Range
BNA Surr-Terphenyl-d14	64.	53. - 104.

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.
Trph-d surrogate recovery diluted out due to sample matrix

End of Sample Report.

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ANALYTICAL REPORT

ROUX ASSOCIATES 3955

209 SHAFTER ST
ISLANDIA, NY 11749

Project:
Project Name: EXXONMOBIL 31010
Sampler: MARC FALZONE

Lab Number: 03-A141782
Sample ID: SS-16/(0-0.5)
Sample Type: Soil
Site ID: 3-1010

Date Collected: 9/ 9/03
Time Collected: 2:15
Date Received: 9/11/03
Time Received: 8:25
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TPH (Gasoline Range)	35800	ug/kg	10000	10	9/13/03	6:06	J. Hunter	8015B	9395
TPH (Diesel Range)	930000	ug/kg	99200	10	9/15/03	0:37	M.Jarrett	8015B	1267
Naphthalene	ND	ug/kg	1650	25	9/14/03	18:46	J.Saiyasak	8270C	9968
Acenaphthene	ND	ug/kg	1650	25	9/14/03	18:46	J.Saiyasak	8270C	9968
Anthracene	ND	ug/kg	1650	25	9/14/03	18:46	J.Saiyasak	8270C	9968
Fluoranthene	ND	ug/kg	1650	25	9/14/03	18:46	J.Saiyasak	8270C	9968
Fluorene	ND	ug/kg	1650	25	9/14/03	18:46	J.Saiyasak	8270C	9968
Pyrene	ND	ug/kg	1650	25	9/14/03	18:46	J.Saiyasak	8270C	9968
Benzo(a)anthracene	ND	ug/kg	1650	25	9/14/03	18:46	J.Saiyasak	8270C	9968
Benzo(a)pyrene	ND	ug/kg	1650	25	9/14/03	18:46	J.Saiyasak	8270C	9968
Benzo(b)fluoranthene	ND	ug/kg	1650	25	9/14/03	18:46	J.Saiyasak	8270C	9968
Benzo(k)fluoranthene	ND	ug/kg	1650	25	9/14/03	18:46	J.Saiyasak	8270C	9968
Chrysene	ND	ug/kg	1650	25	9/14/03	18:46	J.Saiyasak	8270C	9968
Dibenzo(a,h)anthracene	ND	ug/kg	1650	25	9/14/03	18:46	J.Saiyasak	8270C	9968
Indeno(1,2,3-cd)pyrene	ND	ug/kg	1650	25	9/14/03	18:46	J.Saiyasak	8270C	9968
Benzo(g,h,i)perylene	ND	ug/kg	1650	25	9/14/03	18:46	J.Saiyasak	8270C	9968
Phenanthrene	ND	ug/kg	1650	25	9/14/03	18:46	J.Saiyasak	8270C	9968
VOLATILE ORGANICS									
Benzene	31.8	ug/kg	2	1	9/17/03	6:34	J. Yun	8260B	2893
n-Butylbenzene	87.8	ug/kg	2	1	9/17/03	6:34	J. Yun	8260B	2893
sec-Butylbenzene	41.5	ug/kg	2	1	9/17/03	6:34	J. Yun	8260B	2893
tert-Butylbenzene	2.1	ug/kg	2	1	9/17/03	6:34	J. Yun	8260B	2893
Ethylbenzene	3.9	ug/kg	2	1	9/17/03	6:34	J. Yun	8260B	2893
Isopropylbenzene	19.5	ug/kg	2	1	9/17/03	6:34	J. Yun	8260B	2893

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A141782
Sample ID: SS-16/(0-0.5)
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
p-Isopropyltoluene	ND	ug/kg	2	1	9/17/03	6:34	J. Yun	8260B	2893
Naphthalene	13.5	ug/kg	5	1	9/17/03	6:34	J. Yun	8260B	2893
n-Propylbenzene	44.1	ug/kg	2	1	9/17/03	6:34	J. Yun	8260B	2893
Toluene	12.4	ug/kg	2	1	9/17/03	6:34	J. Yun	8260B	2893
1,2,4-Trimethylbenzene	8.2	ug/kg	2	1	9/17/03	6:34	J. Yun	8260B	2893
1,3,5-Trimethylbenzene	3.3	ug/kg	2	1	9/17/03	6:34	J. Yun	8260B	2893
Xylenes (Total)	36.8	ug/kg	2	1	9/17/03	6:34	J. Yun	8260B	2893
o-Xylene	19.8	ug/kg	2	1	9/17/03	6:34	J. Yun	8260B	2893
m,p-Xylene	17	ug/kg	2	1	9/17/03	6:34	J. Yun	8260B	2893
Methyl-t-butyl ether	ND	ug/kg	2	1	9/17/03	6:34	J. Yun	8260B	2893
METALS									
Lead	50800	ug/kg	1000	1	9/12/03	13:48	C. Martin	6010B	8164

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.4 gm	1.0 ml	9/13/03		M. Ricke	3550
EPH/DRO	25.2 gm	1.0 ml	9/13/03		M. Ricke	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	87.	65. - 119.
VOA Surr 1,2-DCA-d4	138.	58. - 139.
VOA Surr Toluene-d8	124.	71. - 127.
VOA Surr, 4-BFB	113.	60. - 141.
VOA Surr, DBFM	122.	67. - 126.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A141782
Sample ID: SS-16/(0-0.5)
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.
BNA PQL's elevated due to sample matrix.
Analysis at a lower dilution did not meet method QC requirements.
BNA surrogates diluted out due to sample matrix.
Trph-d surrogate recovery diluted out due to sample matrix

End of Sample Report.

TestAmerica
ANALYTICAL TESTING CORPORATION

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ANALYTICAL REPORT

ROUX ASSOCIATES 3955

209 SHAFTER ST
ISLANDIA, NY 11749

Project:
Project Name: EXXONMOBIL 31010
Sampler: MARC FALZONE

Lab Number: 03-A141783
Sample ID: SS-16/(4-4'4")
Sample Type: Soil
Site ID: 3-1010

Date Collected: 9/ 9/03
Time Collected: 3:20
Date Received: 9/11/03
Time Received: 8:25
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TPH (Gasoline Range)	86000	ug/kg	5000	1	9/13/03	19:20	J. Hunter	8015B	9972
TPH (Diesel Range)	10000000	ug/kg	1010000	100	9/15/03	11:18	M.Jarrett	8015B	3618
Naphthalene	ND	ug/kg	6540	50	9/14/03	19:23	J.Saiyasak	8270C	9968
Acenaphthene	ND	ug/kg	6540	50	9/14/03	19:23	J.Saiyasak	8270C	9968
Anthracene	ND	ug/kg	6540	50	9/14/03	19:23	J.Saiyasak	8270C	9968
Fluoranthene	ND	ug/kg	6540	50	9/14/03	19:23	J.Saiyasak	8270C	9968
Fluorene	ND	ug/kg	6540	50	9/14/03	19:23	J.Saiyasak	8270C	9968
Pyrene	ND	ug/kg	6540	50	9/14/03	19:23	J.Saiyasak	8270C	9968
Benzo(a)anthracene	ND	ug/kg	6540	50	9/14/03	19:23	J.Saiyasak	8270C	9968
Benzo(a)pyrene	ND	ug/kg	6540	50	9/14/03	19:23	J.Saiyasak	8270C	9968
Benzo(b)fluoranthene	ND	ug/kg	6540	50	9/14/03	19:23	J.Saiyasak	8270C	9968
Benzo(k)fluoranthene	ND	ug/kg	6540	50	9/14/03	19:23	J.Saiyasak	8270C	9968
Chrysene	ND	ug/kg	6540	50	9/14/03	19:23	J.Saiyasak	8270C	9968
Dibenzo(a,h)anthracene	ND	ug/kg	6540	50	9/14/03	19:23	J.Saiyasak	8270C	9968
Indeno(1,2,3-cd)pyrene	ND	ug/kg	6540	50	9/14/03	19:23	J.Saiyasak	8270C	9968
Benzo(g,h,i)perylene	ND	ug/kg	6540	50	9/14/03	19:23	J.Saiyasak	8270C	9968
Phenanthrene	11100	ug/kg	6540	50	9/14/03	19:23	J.Saiyasak	8270C	9968
VOLATILE ORGANICS									
Benzene	2880	ug/kg	100	50	9/17/03	13:15	J. Yun	8260B	2919
n-Butylbenzene	7350	ug/kg	100	50	9/17/03	13:15	J. Yun	8260B	2919
sec-Butylbenzene	2790	ug/kg	100	50	9/17/03	13:15	J. Yun	8260B	2919
tert-Butylbenzene	150	ug/kg	100	50	9/17/03	13:15	J. Yun	8260B	2919
Ethylbenzene	1060	ug/kg	100	50	9/17/03	13:15	J. Yun	8260B	2919
Isopropylbenzene	6100	ug/kg	100	50	9/17/03	13:15	J. Yun	8260B	2919

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A141783
Sample ID: SS-16/(4-4'4")
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
p-Isopropyltoluene	4380	ug/kg	100	50	9/17/03	13:15	J. Yun	8260B	2919
Naphthalene	600	ug/kg	250	50	9/17/03	13:15	J. Yun	8260B	2919
n-Propylbenzene	9700	ug/kg	100	50	9/17/03	13:15	J. Yun	8260B	2919
Toluene	910	ug/kg	100	50	9/17/03	13:15	J. Yun	8260B	2919
1,2,4-Trimethylbenzene	5700	ug/kg	100	50	9/17/03	13:15	J. Yun	8260B	2919
1,3,5-Trimethylbenzene	3700	ug/kg	100	50	9/17/03	13:15	J. Yun	8260B	2919
Xylenes (Total)	7580	ug/kg	100	50	9/17/03	13:15	J. Yun	8260B	2919
o-Xylene	1280	ug/kg	100	50	9/17/03	13:15	J. Yun	8260B	2919
m,p-Xylene	6300	ug/kg	100	50	9/17/03	13:15	J. Yun	8260B	2919
Methyl-t-butyl ether	ND	ug/kg	100	50	9/17/03	13:15	J. Yun	8260B	2919
METALS									
Lead	46700	ug/kg	970.	1	9/12/03	13:48	C. Martin	6010B	8164

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.6 gm	2.0 ml	9/13/03		M. Ricke	3550
EPH/DRO	24.8 gm	1.0 ml	9/13/03		M. Ricke	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	40. #	65. - 119.
VOA Surr 1,2-DCA-d4	118.	58. - 139.
VOA Surr Toluene-d8	134. #	71. - 127.
VOA Surr, 4-BFB	114.	60. - 141.
VOA Surr, DBFM	116.	67. - 126.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A141783
Sample ID: SS-16/(4-4'4")
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.
BNA PQL's elevated due to sample matrix.
Analysis at a lower dilution did not meet method QC requirements.
BNA surrogates diluted out due to sample matrix.
Trph-d surrogate recvoery diluted out due to sample matrix

End of Sample Report.

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ANALYTICAL REPORT

ROUX ASSOCIATES 3955

209 SHAFTER ST
ISLANDIA, NY 11749

Project:
Project Name: EXXONMOBIL 31010
Sampler: MARC FALZONE

Lab Number: 03-A141784
Sample ID: SS-17/(0-0.5)
Sample Type: Soil
Site ID: 3-1010

Date Collected: 9/ 9/03
Time Collected: 12:04
Date Received: 9/11/03
Time Received: 8:25
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TPH (Gasoline Range)	80600	ug/kg	20000	20	9/13/03	7:10	J. Hunter	8015B	9395
TPH (Diesel Range)	15500000	ug/kg	4980000	100	9/15/03	1:17	M.Jarrett	8015B	1267
Naphthalene	ND	ug/kg	6670	50	9/14/03	20:00	J.Saiyasak	8270C	9968
Acenaphthene	ND	ug/kg	6670	50	9/14/03	20:00	J.Saiyasak	8270C	9968
Anthracene	ND	ug/kg	6670	50	9/14/03	20:00	J.Saiyasak	8270C	9968
Fluoranthene	ND	ug/kg	6670	50	9/14/03	20:00	J.Saiyasak	8270C	9968
Fluorene	ND	ug/kg	6670	50	9/14/03	20:00	J.Saiyasak	8270C	9968
Pyrene	ND	ug/kg	6670	50	9/14/03	20:00	J.Saiyasak	8270C	9968
Benzo(a)anthracene	ND	ug/kg	6670	50	9/14/03	20:00	J.Saiyasak	8270C	9968
Benzo(a)pyrene	ND	ug/kg	6670	50	9/14/03	20:00	J.Saiyasak	8270C	9968
Benzo(b)fluoranthene	ND	ug/kg	6670	50	9/14/03	20:00	J.Saiyasak	8270C	9968
Benzo(k)fluoranthene	ND	ug/kg	6670	50	9/14/03	20:00	J.Saiyasak	8270C	9968
Chrysene	ND	ug/kg	6670	50	9/14/03	20:00	J.Saiyasak	8270C	9968
Dibenzo(a,h)anthracene	ND	ug/kg	6670	50	9/14/03	20:00	J.Saiyasak	8270C	9968
Indeno(1,2,3-cd)pyrene	ND	ug/kg	6670	50	9/14/03	20:00	J.Saiyasak	8270C	9968
Benzo(g,h,i)perylene	ND	ug/kg	6670	50	9/14/03	20:00	J.Saiyasak	8270C	9968
Phenanthrene	10700	ug/kg	6670	50	9/14/03	20:00	J.Saiyasak	8270C	9968
VOLATILE ORGANICS									
Benzene	ND	ug/kg	100	50	9/16/03	17:11	J. Yun	8260B	2935
n-Butylbenzene	1550	ug/kg	100	50	9/16/03	17:11	J. Yun	8260B	2935
sec-Butylbenzene	580	ug/kg	100	50	9/16/03	17:11	J. Yun	8260B	2935
tert-Butylbenzene	ND	ug/kg	100	50	9/16/03	17:11	J. Yun	8260B	2935
Ethylbenzene	105	ug/kg	100	50	9/16/03	17:11	J. Yun	8260B	2935
Isopropylbenzene	250	ug/kg	100	50	9/16/03	17:11	J. Yun	8260B	2935

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A141784
Sample ID: SS-17/(0-0.5)
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
p-Isopropyltoluene	450	ug/kg	100	50	9/16/03	17:11	J. Yun	8260B	2935
Naphthalene	400	ug/kg	250	50	9/16/03	17:11	J. Yun	8260B	2935
n-Propylbenzene	620	ug/kg	100	50	9/16/03	17:11	J. Yun	8260B	2935
Toluene	230	ug/kg	100	50	9/16/03	17:11	J. Yun	8260B	2935
1,2,4-Trimethylbenzene	6950	ug/kg	100	50	9/16/03	17:11	J. Yun	8260B	2935
1,3,5-Trimethylbenzene	1250	ug/kg	100	50	9/16/03	17:11	J. Yun	8260B	2935
Xylenes (Total)	2800	ug/kg	100	50	9/16/03	17:11	J. Yun	8260B	2935
o-Xylene	1320	ug/kg	100	50	9/16/03	17:11	J. Yun	8260B	2935
m,p-Xylene	1480	ug/kg	100	50	9/16/03	17:11	J. Yun	8260B	2935
Methyl-t-butyl ether	ND	ug/kg	100	50	9/16/03	17:11	J. Yun	8260B	2935
METALS									
Lead	146000	ug/kg	980.	1	9/12/03	13:48	C. Martin	6010B	8164

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.0 gm	2.0 ml	9/13/03		M. Ricke	3550
EPH/DRO	25.1 gm	5.0 ml	9/13/03		M. Ricke	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	90.	65. - 119.
VOA Surr 1,2-DCA-d4	103.	58. - 139.
VOA Surr Toluene-d8	106.	71. - 127.
VOA Surr, 4-BFB	110.	60. - 141.
VOA Surr, DBFM	97.	67. - 126.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A141784
Sample ID: SS-17/(0-0.5)
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.
BNA PQL's elevated due to sample matrix.
Analysis at a lower dilution did not meet method QC requirements.
BNA surrogates diluted out due to sample matrix.
Trph-d surrogate recovery diluted out due to sample matrix

End of Sample Report.

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ANALYTICAL REPORT

ROUX ASSOCIATES 3955

209 SHAFTER ST
ISLANDIA, NY 11749

Project:
Project Name: EXXONMOBIL 31010
Sampler: MARC FALZONE

Lab Number: 03-A141785
Sample ID: SS-18/(0-0.5)
Sample Type: Soil
Site ID: 3-1010

Date Collected: 9/ 9/03
Time Collected: 13:00
Date Received: 9/11/03
Time Received: 8:25
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TPH (Gasoline Range)	ND	ug/kg	5000	1	9/13/03	7:43	J. Hunter	8015B	9395
TPH (Diesel Range)	16900	ug/kg	10200	1	9/17/03	20:45	M.Jarrett	8015B	1395
Naphthalene	ND	ug/kg	66	1	9/13/03	20:40	J.Saiyasak	8270C	9968
Acenaphthene	ND	ug/kg	66	1	9/13/03	20:40	J.Saiyasak	8270C	9968
Anthracene	ND	ug/kg	66	1	9/13/03	20:40	J.Saiyasak	8270C	9968
Fluoranthene	ND	ug/kg	66	1	9/13/03	20:40	J.Saiyasak	8270C	9968
Fluorene	ND	ug/kg	66	1	9/13/03	20:40	J.Saiyasak	8270C	9968
Pyrene	ND	ug/kg	66	1	9/13/03	20:40	J.Saiyasak	8270C	9968
Benzo(a)anthracene	ND	ug/kg	66	1	9/13/03	20:40	J.Saiyasak	8270C	9968
Benzo(a)pyrene	ND	ug/kg	66	1	9/13/03	20:40	J.Saiyasak	8270C	9968
Benzo(b)fluoranthene	ND	ug/kg	66	1	9/13/03	20:40	J.Saiyasak	8270C	9968
Benzo(k)fluoranthene	ND	ug/kg	66	1	9/13/03	20:40	J.Saiyasak	8270C	9968
Chrysene	ND	ug/kg	66	1	9/13/03	20:40	J.Saiyasak	8270C	9968
Dibenzo(a,h)anthracene	ND	ug/kg	66	1	9/13/03	20:40	J.Saiyasak	8270C	9968
Indeno(1,2,3-cd)pyrene	ND	ug/kg	66	1	9/13/03	20:40	J.Saiyasak	8270C	9968
Benzo(g,h,i)perylene	ND	ug/kg	66	1	9/13/03	20:40	J.Saiyasak	8270C	9968
Phenanthrene	ND	ug/kg	66	1	9/13/03	20:40	J.Saiyasak	8270C	9968
VOLATILE ORGANICS									
Benzene	2.3	ug/kg	2	1	9/16/03	22:51	J. Yun	8260B	2893
n-Butylbenzene	ND	ug/kg	2	1	9/16/03	22:51	J. Yun	8260B	2893
sec-Butylbenzene	ND	ug/kg	2	1	9/16/03	22:51	J. Yun	8260B	2893
tert-Butylbenzene	ND	ug/kg	2	1	9/16/03	22:51	J. Yun	8260B	2893
Ethylbenzene	ND	ug/kg	2	1	9/16/03	22:51	J. Yun	8260B	2893
Isopropylbenzene	ND	ug/kg	2	1	9/16/03	22:51	J. Yun	8260B	2893

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A141785
Sample ID: SS-18/(0-0.5)
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
p-Isopropyltoluene	ND	ug/kg	2	1	9/16/03	22:51	J. Yun	8260B	2893
Naphthalene	ND	ug/kg	5	1	9/16/03	22:51	J. Yun	8260B	2893
n-Propylbenzene	ND	ug/kg	2	1	9/16/03	22:51	J. Yun	8260B	2893
Toluene	2.6	ug/kg	2	1	9/16/03	22:51	J. Yun	8260B	2893
1,2,4-Trimethylbenzene	ND	ug/kg	2	1	9/16/03	22:51	J. Yun	8260B	2893
1,3,5-Trimethylbenzene	ND	ug/kg	2	1	9/16/03	22:51	J. Yun	8260B	2893
Xylenes (Total)	2.5	ug/kg	2	1	9/16/03	22:51	J. Yun	8260B	2893
o-Xylene	ND	ug/kg	2	1	9/16/03	22:51	J. Yun	8260B	2893
m,p-Xylene	2.5	ug/kg	2	1	9/16/03	22:51	J. Yun	8260B	2893
Methyl-t-butyl ether	ND	ug/kg	2	1	9/16/03	22:51	J. Yun	8260B	2893
METALS									
Lead	9180	ug/kg	980.	1	9/15/03	14:46	C. Martin	6010B	8808

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	29.8 gm	1.0 ml	9/13/03		M. Ricke	3550
EPH/DRO	24.5 gm	1.0 ml	9/17/03		M. Ricke	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	87.	65. - 119.
TPH Hi Surr., o-Terphenyl	60.	35. - 135.
VOA Surr 1,2-DCA-d4	118.	58. - 139.
VOA Surr Toluene-d8	100.	71. - 127.
VOA Surr, 4-BFB	110.	60. - 141.
VOA Surr, DBFM	108.	67. - 126.
BNA Surr-Nitrobenzene-d5	79.	44. - 99.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A141785
Sample ID: SS-18/(0-0.5)
Project:

Surrogate	% Recovery	Target Range
BNA Surr-2-Fluorobiphenyl	69.	45. - 94.
BNA Surr-Terphenyl-d14	64.	53. - 104.

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.
Trph-d ms/msds recovery could not be determined due to
sample matrix

End of Sample Report.

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: EXXONMOBIL 31010
Page: 1
Laboratory Receipt Date: 9/11/03

Matrix Spike Recovery

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

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
UST ANALYSIS								
TPH (Gasoline Range)	mg/kg	< 5.00	47.3	50.0	95	62. - 129.	9395	03-A142357
TPH (Gasoline Range)	mg/kg	< 5.00	71.5	50.0	143#	62. - 129.	9972	03-A142649
TPH (Diesel Range)	mg/kg	< 10.0	35.7	40.0	89	50. - 129.	1267	blank
TPH (Diesel Range)	mg/kg	< 10.0	35.7	40.0	89	50. - 129.	3618	blank
Naphthalene	mg/kg	< 0.066	1.42	1.67	85	34. - 111.	9968	03-A142528
Acenaphthene	mg/kg	< 0.066	1.22	1.67	73	39. - 116.	9968	03-A142528
Anthracene	mg/kg	< 0.066	1.39	1.67	83	41. - 118.	9968	03-A142528
Fluoranthene	mg/kg	< 0.066	1.42	1.67	85	42. - 123.	9968	03-A142528
Fluorene	mg/kg	< 0.066	1.25	1.67	75	40. - 120.	9968	03-A142528
Pyrene	mg/kg	< 0.066	1.29	1.67	77	40. - 125.	9968	03-A142528
Benzo(a)anthracene	mg/kg	< 0.066	1.22	1.67	73	42. - 123.	9968	03-A142528
Benzo(a)pyrene	mg/kg	< 0.066	1.25	1.67	75	41. - 123.	9968	03-A142528
Benzo(b)fluoranthene	mg/kg	< 0.066	1.22	1.67	73	40. - 123.	9968	03-A142528
Benzo(k)fluoranthene	mg/kg	< 0.066	1.39	1.67	83	42. - 130.	9968	03-A142528
Chrysene	mg/kg	< 0.066	1.19	1.67	71	40. - 123.	9968	03-A142528
Dibenzo(a,h)anthracene	mg/kg	< 0.066	1.35	1.67	81	16. - 139.	9968	03-A142528
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.066	1.29	1.67	77	12. - 138.	9968	03-A142528
Benzo(g,h,i)perylene	mg/kg	< 0.066	1.25	1.67	75	9. - 144.	9968	03-A142528
Phenanthrene	mg/kg	< 0.066	1.39	1.67	83	39. - 119.	9968	03-A142528
VOA PARAMETERS								
Benzene	mg/kg	< 0.0003	0.0432	0.0500	86	53 - 140	2935	blank
Benzene	mg/kg	0.0023	0.0479	0.0500	91	53 - 140	2893	03-A141780
Benzene	mg/kg	< 0.0003	0.0479	0.0500	96	53 - 140	2919	blank
Toluene	mg/kg	< 0.0008	0.0474	0.0500	95	47 - 142	2935	blank
Toluene	mg/kg	0.0037	0.0533	0.0500	99	47 - 142	2893	03-A141780
Toluene	mg/kg	< 0.0008	0.0533	0.0500	107	47 - 142	2919	blank

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: EXXONMOBIL 31010
Page: 2
Laboratory Receipt Date: 9/11/03

Matrix Spike Recovery

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

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
VOA Surr 1,2-DCA-d4	% Rec				115	58 - 139	2935	
VOA Surr 1,2-DCA-d4	% Rec				111	58 - 139	2893	
VOA Surr 1,2-DCA-d4	% Rec				111	58 - 139	2919	
VOA Surr Toluene-d8	% Rec				105	71 - 127	2935	
VOA Surr Toluene-d8	% Rec				112	71 - 127	2893	
VOA Surr Toluene-d8	% Rec				112	71 - 127	2919	
VOA Surr, 4-BFB	% Rec				98	60 - 141	2935	
VOA Surr, 4-BFB	% Rec				126	60 - 141	2893	
VOA Surr, 4-BFB	% Rec				126	60 - 141	2919	
VOA Surr, DBFM	% Rec				106	67 - 126	2935	
VOA Surr, DBFM	% Rec				111	67 - 126	2893	
VOA Surr, DBFM	% Rec				111	67 - 126	2919	
METALS								
Lead	mg/kg	2.00	205.	200.	102	80 - 120	8164	Duplicate
Lead	mg/kg	< 0.99	94.0	100.	94	80 - 120	8808	Duplicate

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
UST PARAMETERS						
TPH (Gasoline Range)	mg/kg	47.3	45.2	4.54	21.	9395
TPH (Gasoline Range)	mg/kg	71.5	30.2	81.22#	21.	9972
TPH (Diesel Range)	mg/kg	35.7	35.2	1.41	43.	1267
TPH (Diesel Range)	mg/kg	35.7	35.2	1.41	43.	3618
Naphthalene	mg/kg	1.42	1.42	0.00	38.	9968
Acenaphthene	mg/kg	1.22	1.22	0.00	40.	9968

Project QC continued . . .

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Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
Anthracene	mg/kg	1.39	1.32	5.17	34.	9968
Fluoranthene	mg/kg	1.42	1.39	2.14	42.	9968
Fluorene	mg/kg	1.25	1.22	2.43	40.	9968
Pyrene	mg/kg	1.29	1.25	3.15	37.	9968
Benzo(a)anthracene	mg/kg	1.22	1.19	2.49	35.	9968
Benzo(a)pyrene	mg/kg	1.25	1.16	7.47	36.	9968
Benzo(b)fluoranthene	mg/kg	1.22	1.19	2.49	40.	9968
Benzo(k)fluoranthene	mg/kg	1.39	1.39	0.00	36.	9968
Chrysene	mg/kg	1.19	1.16	2.55	34.	9968
Dibenzo(a,h)anthracene	mg/kg	1.35	1.32	2.25	37.	9968
Indeno(1,2,3-cd)pyrene	mg/kg	1.29	1.22	5.58	40.	9968
Benzo(g,h,i)perylene	mg/kg	1.25	1.19	4.92	37.	9968
Phenanthrene	mg/kg	1.39	1.35	2.92	34.	9968
VOA PARAMETERS						
Benzene	mg/kg	0.0432	0.0407	5.96	34.	2935
Benzene	mg/kg	0.0479	0.0460	4.05	34.	2893
Benzene	mg/kg	0.0479	0.0460	4.05	34.	2919
Toluene	mg/kg	0.0474	0.0458	3.43	39.	2935
Toluene	mg/kg	0.0533	0.0481	10.26	39.	2893
Toluene	mg/kg	0.0533	0.0481	10.26	39.	2919
VOA Surr 1,2-DCA-d4	% Rec		111.			2935
VOA Surr 1,2-DCA-d4	% Rec		115.			2893
VOA Surr 1,2-DCA-d4	% Rec		115.			2919
VOA Surr Toluene-d8	% Rec		105.			2935
VOA Surr Toluene-d8	% Rec		112.			2893
VOA Surr Toluene-d8	% Rec		112.			2919
VOA Surr, 4-BFB	% Rec		97.			2935
VOA Surr, 4-BFB	% Rec		120.			2893
VOA Surr, 4-BFB	% Rec		120.			2919
VOA Surr, DBFM	% Rec		104.			2935
VOA Surr, DBFM	% Rec		109.			2893

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Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
VOA Surr, DBFM	% Rec		109.			2919
METALS						
Lead	mg/kg	205.	198.	3.47	20	8164
Lead	mg/kg	94.0	93.6	0.43	20	8808

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
TPH (Gasoline Range)	mg/kg	50.0	53.2	106	75 - 121	9395
TPH (Gasoline Range)	mg/kg	50.0	50.4	101	75 - 121	9972
TPH (Diesel Range)	mg/kg	40.0	40.5	101	50 - 125	1267
TPH (Diesel Range)	mg/kg	40.0	40.5	101	50 - 125	3618
TPH (Diesel Range)	mg/kg	40.0	47.9	120	50 - 125	1395
UST PARAMETERS						
Naphthalene	mg/kg	1.67	1.39	83	34 - 111	9968
Acenaphthene	mg/kg	1.67	1.22	73	39 - 116	9968
Anthracene	mg/kg	1.67	1.39	83	41 - 118	9968
Fluoranthene	mg/kg	1.67	1.39	83	42 - 123	9968
Fluorene	mg/kg	1.67	1.22	73	40 - 120	9968
Pyrene	mg/kg	1.67	1.22	73	40 - 125	9968
Benzo(a)anthracene	mg/kg	1.67	1.22	73	42 - 123	9968
Benzo(a)pyrene	mg/kg	1.67	1.22	73	41 - 123	9968
Benzo(b)fluoranthene	mg/kg	1.67	1.19	71	40 - 123	9968
Benzo(k)fluoranthene	mg/kg	1.67	1.35	81	42 - 130	9968
Chrysene	mg/kg	1.67	1.16	69	40 - 123	9968
Dibenzo(a,h)anthracene	mg/kg	1.67	1.29	77	16 - 139	9968

Project QC continued . . .

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Indeno(1,2,3-cd)pyrene	mg/kg	1.67	1.22	73	12 - 138	9968
Benzo(g,h,i)perylene	mg/kg	1.67	1.19	71	9 - 144	9968
Phenanthrene	mg/kg	1.67	1.35	81	39 - 119	9968
VOA PARAMETERS						
Benzene	mg/kg	0.0500	0.0492	98	75 - 127	2893
Benzene	mg/kg	0.0500	0.0444	89	75 - 127	2935
Benzene	mg/kg	0.0500	0.0529	106	75 - 127	2919
n-Butylbenzene	mg/kg	0.0500	0.0480	96	37 - 148	2893
n-Butylbenzene	mg/kg	0.0500	0.0365	73	37 - 148	2935
n-Butylbenzene	mg/kg	0.0500	0.0420	84	37 - 148	2919
sec-Butylbenzene	mg/kg	0.0500	0.0490	98	62 - 135	2893
sec-Butylbenzene	mg/kg	0.0500	0.0418	84	62 - 135	2935
sec-Butylbenzene	mg/kg	0.0500	0.0479	96	62 - 135	2919
tert-Butylbenzene	mg/kg	0.0500	0.0506	101	66 - 131	2893
tert-Butylbenzene	mg/kg	0.0500	0.0460	92	66 - 131	2935
tert-Butylbenzene	mg/kg	0.0500	0.0486	97	66 - 131	2919
Ethylbenzene	mg/kg	0.0500	0.0488	98	69 - 128	2893
Ethylbenzene	mg/kg	0.0500	0.0439	88	69 - 128	2935
Ethylbenzene	mg/kg	0.0500	0.0517	103	69 - 128	2919
Isopropylbenzene	mg/kg	0.0500	0.0490	98	67 - 131	2893
Isopropylbenzene	mg/kg	0.0500	0.0437	87	67 - 131	2935
Isopropylbenzene	mg/kg	0.0500	0.0510	102	67 - 131	2919
p-Isopropyltoluene	mg/kg	0.0500	0.0482	96	51 - 141	2893
p-Isopropyltoluene	mg/kg	0.0500	0.0392	78	51 - 141	2935
p-Isopropyltoluene	mg/kg	0.0500	0.0458	92	51 - 141	2919
Naphthalene	mg/kg	0.0500	0.0543	109	58 - 143	2893
Naphthalene	mg/kg	0.0500	0.0444	89	58 - 143	2935
Naphthalene	mg/kg	0.0500	0.0482	96	58 - 143	2919
n-Propylbenzene	mg/kg	0.0500	0.0472	94	57 - 137	2893
n-Propylbenzene	mg/kg	0.0500	0.0407	81	57 - 137	2935
n-Propylbenzene	mg/kg	0.0500	0.0470	94	57 - 137	2919

Project QC continued . . .

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Toluene	mg/kg	0.0500	0.0488	98	72 - 128	2893
Toluene	mg/kg	0.0500	0.0461	92	72 - 128	2935
Toluene	mg/kg	0.0500	0.0530	106	72 - 128	2919
1,2,4-Trimethylbenzene	mg/kg	0.0500	0.0473	95	57 - 136	2893
1,2,4-Trimethylbenzene	mg/kg	0.0500	0.0399	80	57 - 136	2935
1,2,4-Trimethylbenzene	mg/kg	0.0500	0.0476	95	57 - 136	2919
1,3,5-Trimethylbenzene	mg/kg	0.0500	0.0472	94	60 - 135	2893
1,3,5-Trimethylbenzene	mg/kg	0.0500	0.0406	81	60 - 135	2935
1,3,5-Trimethylbenzene	mg/kg	0.0500	0.0483	97	60 - 135	2919
Xylenes (Total)	mg/kg	0.150	0.146	97	69 - 128	2893
Xylenes (Total)	mg/kg	0.150	0.130	87	69 - 128	2935
Xylenes (Total)	mg/kg	0.150	0.156	104	69 - 128	2919
o-Xylene	mg/kg	0.0500	0.0493	99	71 - 127	2893
o-Xylene	mg/kg	0.0500	0.0440	88	71 - 127	2935
o-Xylene	mg/kg	0.0500	0.0525	105	71 - 127	2919
m,p-Xylene	mg/kg	0.100	0.0972	97	67 - 130	2893
m,p-Xylene	mg/kg	0.100	0.0861	86	67 - 130	2935
m,p-Xylene	mg/kg	0.100	0.103	103	67 - 130	2919
Methyl-t-butyl ether	mg/kg	0.0500	0.0514	103	58 - 142	2893
Methyl-t-butyl ether	mg/kg	0.0500	0.0486	97	58 - 142	2935
Methyl-t-butyl ether	mg/kg	0.0500	0.0549	110	58 - 142	2919
VOA Surr 1,2-DCA-d4	% Rec			104	58 - 139	2893
VOA Surr 1,2-DCA-d4	% Rec			105	58 - 139	2935
VOA Surr 1,2-DCA-d4	% Rec			104	58 - 139	2919
VOA Surr Toluene-d8	% Rec			103	71 - 127	2893
VOA Surr Toluene-d8	% Rec			103	71 - 127	2935
VOA Surr Toluene-d8	% Rec			103	71 - 127	2919
VOA Surr, 4-BFB	% Rec			97	60 - 141	2893
VOA Surr, 4-BFB	% Rec			101	60 - 141	2935
VOA Surr, 4-BFB	% Rec			99	60 - 141	2919
VOA Surr, DBFM	% Rec			101	67 - 126	2893

Project QC continued . . .

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
VOA Surr, DBFM	% Rec			104	67 - 126	2935
VOA Surr, DBFM	% Rec			106	67 - 126	2919
METALS						
Lead	mg/kg	200.	220.	110	80 - 120	8164
Lead	mg/kg	100.	105.	105	80 - 120	8808

Duplicates

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
TPH (Gasoline Range)	< 5.00	mg/kg	9395	9/12/03	20:24
TPH (Gasoline Range)	< 5.00	mg/kg	9972	9/13/03	11:01
TPH (Diesel Range)	< 10.0	mg/kg	1267	9/14/03	22:35
TPH (Diesel Range)	< 10.0	mg/kg	3618	9/14/03	22:35
TPH (Diesel Range)	< 10.0	mg/kg	1395	9/17/03	14:56
Naphthalene	< 0.066	mg/kg	9968	9/13/03	18:15
Acenaphthene	< 0.066	mg/kg	9968	9/13/03	18:15
Anthracene	< 0.066	mg/kg	9968	9/13/03	18:15
Fluoranthene	< 0.066	mg/kg	9968	9/13/03	18:15

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Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Fluorene	< 0.066	mg/kg	9968	9/13/03	18:15
Pyrene	< 0.066	mg/kg	9968	9/13/03	18:15
Benzo(a)anthracene	< 0.066	mg/kg	9968	9/13/03	18:15
Benzo(a)pyrene	< 0.066	mg/kg	9968	9/13/03	18:15
Benzo(b)fluoranthene	< 0.066	mg/kg	9968	9/13/03	18:15
Benzo(k)fluoranthene	< 0.066	mg/kg	9968	9/13/03	18:15
Chrysene	< 0.066	mg/kg	9968	9/13/03	18:15
Dibenzo(a,h)anthracene	< 0.066	mg/kg	9968	9/13/03	18:15
Indeno(1,2,3-cd)pyrene	< 0.066	mg/kg	9968	9/13/03	18:15
Benzo(g,h,i)perylene	< 0.066	mg/kg	9968	9/13/03	18:15
Phenanthrene	< 0.066	mg/kg	9968	9/13/03	18:15
UST surr-Trifluorotoluene	90.	% Recovery	9395	9/12/03	20:24
UST surr-Trifluorotoluene	87.	% Recovery	9972	9/13/03	11:01
VOA PARAMETERS					
Benzene	< 0.0003	mg/kg	2893	9/16/03	21:49
Benzene	< 0.0003	mg/kg	2935	9/16/03	9:28
Benzene	< 0.0003	mg/kg	2919	9/17/03	10:10
n-Butylbenzene	< 0.00070	mg/kg	2893	9/16/03	21:49
n-Butylbenzene	< 0.00070	mg/kg	2935	9/16/03	9:28
n-Butylbenzene	< 0.00070	mg/kg	2919	9/17/03	10:10
sec-Butylbenzene	< 0.00070	mg/kg	2893	9/16/03	21:49
sec-Butylbenzene	< 0.00070	mg/kg	2935	9/16/03	9:28
sec-Butylbenzene	< 0.00070	mg/kg	2919	9/17/03	10:10
tert-Butylbenzene	< 0.00060	mg/kg	2893	9/16/03	21:49
tert-Butylbenzene	< 0.00060	mg/kg	2935	9/16/03	9:28
tert-Butylbenzene	< 0.00060	mg/kg	2919	9/17/03	10:10
Ethylbenzene	< 0.0005	mg/kg	2893	9/16/03	21:49
Ethylbenzene	< 0.0005	mg/kg	2935	9/16/03	9:28
Ethylbenzene	< 0.0005	mg/kg	2919	9/17/03	10:10
Isopropylbenzene	< 0.00060	mg/kg	2893	9/16/03	21:49
Isopropylbenzene	< 0.00060	mg/kg	2935	9/16/03	9:28

Project QC continued . . .

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Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Isopropylbenzene	< 0.00060	mg/kg	2919	9/17/03	10:10
p-Isopropyltoluene	< 0.00070	mg/kg	2893	9/16/03	21:49
p-Isopropyltoluene	< 0.00070	mg/kg	2935	9/16/03	9:28
p-Isopropyltoluene	< 0.00070	mg/kg	2919	9/17/03	10:10
Naphthalene	< 0.00100	mg/kg	2893	9/16/03	21:49
Naphthalene	< 0.00100	mg/kg	2935	9/16/03	9:28
Naphthalene	0.00200	mg/kg	2919	9/17/03	10:10
n-Propylbenzene	< 0.00050	mg/kg	2893	9/16/03	21:49
n-Propylbenzene	< 0.00050	mg/kg	2935	9/16/03	9:28
n-Propylbenzene	< 0.00050	mg/kg	2919	9/17/03	10:10
Toluene	< 0.0008	mg/kg	2893	9/16/03	21:49
Toluene	< 0.0008	mg/kg	2935	9/16/03	9:28
Toluene	< 0.0008	mg/kg	2919	9/17/03	10:10
1,2,4-Trimethylbenzene	< 0.0008	mg/kg	2893	9/16/03	21:49
1,2,4-Trimethylbenzene	< 0.0008	mg/kg	2935	9/16/03	9:28
1,2,4-Trimethylbenzene	< 0.0008	mg/kg	2919	9/17/03	10:10
1,3,5-Trimethylbenzene	< 0.00060	mg/kg	2893	9/16/03	21:49
1,3,5-Trimethylbenzene	< 0.00060	mg/kg	2935	9/16/03	9:28
1,3,5-Trimethylbenzene	< 0.00060	mg/kg	2919	9/17/03	10:10
Xylenes (Total)	< 0.0013	mg/kg	2893	9/16/03	21:49
Xylenes (Total)	< 0.0013	mg/kg	2935	9/16/03	9:28
Xylenes (Total)	0.0017	mg/kg	2919	9/17/03	10:10
o-Xylene	< 0.00040	mg/kg	2893	9/16/03	21:49
o-Xylene	< 0.00040	mg/kg	2935	9/16/03	9:28
o-Xylene	< 0.00040	mg/kg	2919	9/17/03	10:10
m,p-Xylene	< 0.00130	mg/kg	2893	9/16/03	21:49
m,p-Xylene	< 0.00130	mg/kg	2935	9/16/03	9:28
m,p-Xylene	0.00170	mg/kg	2919	9/17/03	10:10
Methyl-t-butyl ether	< 0.0006	mg/kg	2893	9/16/03	21:49
Methyl-t-butyl ether	< 0.0006	mg/kg	2935	9/16/03	9:28
Methyl-t-butyl ether	< 0.0006	mg/kg	2919	9/17/03	10:10

Project QC continued . . .

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VOA Surr 1,2-DCA-d4	96.	% Rec	2893	9/16/03	21:49
VOA Surr 1,2-DCA-d4	88.	% Rec	2935	9/16/03	9:28
VOA Surr 1,2-DCA-d4	94.	% Rec	2919	9/17/03	10:10
VOA Surr Toluene-d8	102.	% Rec	2893	9/16/03	21:49
VOA Surr Toluene-d8	91.	% Rec	2935	9/16/03	9:28
VOA Surr Toluene-d8	102.	% Rec	2919	9/17/03	10:10
VOA Surr, 4-BFB	100.	% Rec	2893	9/16/03	21:49
VOA Surr, 4-BFB	83.	% Rec	2935	9/16/03	9:28
VOA Surr, 4-BFB	100.	% Rec	2919	9/17/03	10:10
VOA Surr, DBFM	88.	% Rec	2893	9/16/03	21:49
VOA Surr, DBFM	84.	% Rec	2935	9/16/03	9:28
VOA Surr, DBFM	88.	% Rec	2919	9/17/03	10:10
METALS					
Lead	< 0.53	mg/kg	8164	9/12/03	13:48
Lead	< 0.53	mg/kg	8808	9/15/03	14:46

= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 346331

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

347332

Consultant Name: Roux Assoc - Noelle Clarke
Address: 209 Shafter St
City/State/Zip: Islandia NY 11749
ExxonMobil Project Mgr: J. Abel
Telephone Number: 631-232-2600 Fax No.: 631-232-9898
Sampler Name: (Print) Marc Falzone - CES, Inc.
Sampler Signature: [signature] 716-873-4021

Report To: Roux Assoc
Invoice To: (ExxonMobil PM unless otherwise indicate)
Account #:
PO #:
Facility ID #: 3/010
Site Address: 625 Elk St
City, State, Zip: Buffalo NY 14215

Regulatory District (CA)

~~346331~~ #3455

347332

See attached

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Ice	HNO3 (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	NYSDEC STARS	8021 + 8270	TPH GRO + DRO	Total Pb	TCLP Pb		RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	STD TAT	Fax Results
SS-15/0-0.5	~~8/7~~ 9/9	4:00P	3	X															X		X		X	X		~~0414117-80~~				
SS-15/1-2	~~8/7~~ 9/9	4:50	3	X															X		X		X	X		~~-81~~				
SS-16/0-0.5	~~8/7~~ 9/9	2:15	3	X															X		X		X	X		~~-82~~				
SS-16/4'-4'4"	~~8/7~~ 9/9	3:20	3	X															X		X		X	X		~~-83~~				
SS-17/0-0.5	~~8/7~~ 9/9	12:04	3	X															X		X		X	X		~~-84~~				
~~SS-17~~	~~8/7 9/9~~																				~~X~~		~~X~~	~~X~~						
SS-18/0-0.5	~~8/7~~ 9/9	1:00P	3	X															X		X		X	X		~~1411785~~				
~~SS-18~~	~~8/7 9/9~~																				~~X~~		~~X~~	~~X~~						

03-A145911-1

Special Instructions: Sample w/ highest total lead run for TCLP Lead

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	9/9/03	5:00PM	Cooler w/ Ice	9/9/03	5:00
Cooler w/ Ice	9/10/03	9:00 AM	Received by TestAmerica: [signature]	9/10/03	9AM

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N

Relinquished to [signature] 9/10/03 12:00pm

[signature] 9/11/03 @ 0525

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM BC# 347332

Client: Rock Assoc.

Cooler Received On: 9/11/03 And Opened On: 9/11/03 By: Mike McBride

(Signature)

1. Temperature of Cooler when opened 0.6 **Degrees Celsius**
2. Were custody seals on outside of cooler?.....(YES)...NO....NA
   a. If yes, how many, what kind and where: (1) Front
3. Were custody seals on containers and intact?.....(NO)..YES...NA
4. Were the seals intact, signed, and dated correctly?.....(YES)...NO...NA
5. Were custody papers inside cooler?.....(YES)...NO...NA
6. Were custody papers properly filled out (ink,signed,etc)?.....(YES)..NO...NA
7. Did you sign the custody papers in the appropriate place?.....(YES)...NO...NA
8. What kind of packing material used? (Bubblewrap) Peanuts Vermiculite Other None
9. Cooling process: (Ice) Ice pack Ice(direct contact) Dry ice Other None
10. Did all containers arrive in good condition(unbroken)?.....(YES)..NO...NA
11. Were all container labels complete (#,date,signed,pres,etc)?.....(YES)..NO...NA
12. Did all container labels and tags agree with custody papers?.....(YES)..NO...NA
13. Were correct containers used for the analysis requested?.....(YES)..NO...NA
14. a. Were VOA vials received?.....(YES)..NO...NA
    b. Was there any observable head space present in any VOA vial?.....(NO)..YES..(NA)
15. Was sufficient amount of sample sent in each container?.....(YES)..NO...NA
16. Were correct preservatives used?.....(YES)..NO...NA
    If not, record standard ID of preservative used here_____
17. Was residual chlorine present?.....NO...YES..(NA)
18. See attached for resolution of non-conformance:

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

TestAmerica
ANALYTICAL TESTING CORPORATION

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

347332

PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: EXXONMOBIL 31010
Page: 11
Laboratory Receipt Date: 9/11/03

****
****
****
****

The previous group of samples has a request for additional testing based upon these results. See the chain of custody!

Do not destroy this sheet until login has requested the appropriate tests.

need TCLP – Pb

YIB

YIY

141784

TestAmerica
ANALYTICAL TESTING CORPORATION

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9/22/03 CASE NARRATIVE

ROUX ASSOCIATES 3955

209 SHAFTER ST
ISLANDIA, NY 11749

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

Project Name: EXXONMOBIL 3-1010
Project Number: .
Laboratory Project Number: 347332.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. Any QC recoveries outside laboratory control limits are flagged individually with an #. Sample specific comments and quality control statements are included in the Laboratory notes section of the analytical report for each sample report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

Sample Identification	Lab Number	Collection Date
SS-17/0-0.5	03-A145911	9/ 9/03

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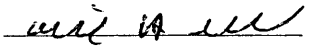
Sample Identification	Lab Number	Collection Date

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

Report Approved By:  Report Date: 9/22/03

Ashley Morris, Lab Director
Michael H. Dunn, M.S., QA/QC Director
Johnny A. Mitchell, Operations Manager Organics
Eric S. Smith, Assistant Technical Director
Roxanne L. Connor, Technical Services
Gail A. Lage, Technical Serv.
Glenn L. Norton, Technical Serv.
Kelly S. Comstock, Technical Serv.
Pamela A. Langford, Technical Serv.

Laboratory Certification Number: 11342

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ANALYTICAL REPORT

ROUX ASSOCIATES 3955

209 SHAFTER ST
ISLANDIA, NY 11749

Project:
Project Name: EXXONMOBIL 3-1010
Sampler: MARC F.

Lab Number: 03-A145911
Sample ID: SS-17/0-0.5
Sample Type: Solid waste
Site ID: 3-1010

Date Collected: 9/ 9/03
Time Collected: 12:04
Date Received: 9/10/03
Time Received: 9:00
Page: 1

TCLP Results

Analyte	Result	Units	Reg Limit	Matrix Spike Recovery (%)	Date	Time	Analyst	Method	QC Batch
Lead, TCLP	< 0.500	mg/l	5.0	91	9/20/03	14:28	C.Johnson	6010B	5895
TCLP Extraction	Initiated				9/19/03	16:00	B.Minor	1311	4911

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

TestAmerica
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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: EXXONMOBIL 3-1010
Page: 1
Laboratory Receipt Date: 9/19/03

Matrix Spike Recovery

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

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
METALS								
Lead, TCLP	mg/l	2.66	48.2	50.0	91	80 - 120	5895	Duplicate

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
METALS						
Lead, TCLP	mg/l	48.2	47.6	1.25	20	5895

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
METALS						
Lead, TCLP	mg/l	5.00	4.66	93	80 - 120	5895

Project QC continued . . .

TestAmerica
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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: EXXONMOBIL 3-1010
Page: 2
Laboratory Receipt Date: 9/19/03

Duplicates

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
METALS					
Lead, TCLP	< 0.500	mg/l	5895	9/20/03	14:28

= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 347332

ACCUTEST.

October 1, 2003

Noelle Clarke
Roux Associates
209 Shafter Street
Islandia, NY 11749

Re: Report # N48028

Dear Noelle:

The PBET4 results have been reported lower DL for Accutest job N48028 as per request. Enclosed is revised report for this job.

If any additional assistance is required, please contact your client services representative at (732)- 329-0200.

Sincerely,

Su Chou

Su Chou
Report Production Supervisor

CHAIN OF CUSTODY

ACCUTEST.

2235 Route 130 Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: N48078

EXXONMOBIL CORPORATION - Regional Laboratory Program (NY, NJ)

Client Information		Facility Information	
Consultants Company Name: Roux Assoc. Noelle Clarke		Project Name: ExxonMobil Buffalo Terminal	
Address: 209 Shafter St		Street: 625 Elk St	
City: Islandia	State: NY Zip: 11749	City: Buffalo	State: NY
Project Contact: Noelle Clarke		ExxonMobil Manager: J. Abel	
Sampler's Name: Marc Falzone		ExxonMobil Manager's Phone #: 401-434-7356	
Phone #: Ext. Fax #:		Location ID#: 3/010	WBS#
AFE #		PO#	Line#

Analytical Information

Accutest Sample #	Field ID / Point of Collection	Collection: Date	Time	Sampled by	Matrix	# of bottles	Preservation: HCL	NaOH	HNO3	H2SO4	None	NaHSO4	MEOH	Encore	8260 ☐ 624 ☐ 8021 ☐ 602 ☐ BTEX ☐ BENZENE ☐ MTBE ☐ TBA ☐ NAPHTHALENE ☐	8260 ☐ 624 ☐ TCL ☐ PPL ☐ MTBE ☐ TBA ☐ NAPHTHALENE ☐ +10 ☐ +15 ☐	8260 ☐ 8021 ☐ STARS LIST	8270 ☐ 625 ☐ TCL ☐ PPL ☐ BN ☐ PAH ☐ STARS LIST ☐ +15 ☐	Lead 6010 ☐ 200.7 ☐ 200.9 (DW) ☐ Total ☐ Dissolved ☐	Air - TO3 BTEX ☐ MTBE ☐ TPH ☐ Methane ☐	Air TO14: BTEX ☐ FULL LIST ☐	TPH-GRO 8015B	TPH-DRO 8015B	TPH 418.1 ☐ OQA-25 ☐	TEL Lead					
-1	SS-15/0-0.5	8/7/03	4:00p	MF	S	1																		X						
-2	SS-15/1-2	8/7/03	4:50p	MF	S	1																		X		MEY				
-3	SS-16/0-0.5	8/7/03	2:15p	MF	S	1																		X						
-4	SS-16/4'-4'4"	8/7/03	3:20p	MF	S	1																		X						
-5	SS-17/0-0.5	8/7/03	12:04p	MF	S	1																		X						
	~~SS-17~~	8/7/03																												
-6	SS-18/0-0.5	8/7/03	1:00p	MF	S	1																		X						
	~~SS-18~~	8/7/03																												

Turnaround Time (Business days)

- ☐ Std. 10 Business Days — Approved By:/Date
- ☐ 8 Day RUSH
- ☐ 5 Day RUSH
- ☐ 3 Day *EMERGENCY*
- ☐ 2 Day *EMERGENCY*
- ☐ 1 Day EMERGENCY

Emergency T/A is for FAX or Lablink Data

Data Deliverable Information

- ☐ Commercial "A"
- ☐ Commercial "B"
- ☐ NJ Reduced
- ☐ NJ Full
- ☐ Other
- ☐ FULL CLP
- ☐ NYASP Category A
- ☐ NYASP Category B
- ☐ State Forms
- ☐ EDD Format _____

Commercial "A" = Results only

Comments / Remarks

Send Lab Results to Roux Assoc.

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
1 Marc Falzone	9/9/03 5:00PM	1 Cooler w/Ice 9/10/03	2 Cooler w/Ice 8:00AM	9/10/03 8:00 AM	2 Marc Falzone
3 Marc Falzone	9/10/03 12:00pm	3 Fedex	4 Fedex	9/11/03 0925	4
5	Date Time:	5	Seal #	Preserved where applicable ☐	On Ice ☐ Temp. 3.5

New Jersey
ACCUTEST
Laboratories

10/01/03

Technical Report for

Roux Associates

ExxonMobil Buffalo Terminal, 623 Elk Street, Buffalo, NY

PO#4503732923 WBS#08

Accutest Job Number: N48028

Report to:

Roux Associates
209 Shafter Street
Islandia, NY 11749

ATTN: Noelle Clarke

Total number of pages in report: 9

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Vincent J. Pugliese
President

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, MA, MD, NC, PA, RI, SC, VA

Sample Summary

Roux Associates

Job No: N48028

ExxonMobil Buffalo Terminal, 623 Elk Street, Buffalo, NY
Project No: PO#4503732923 WBS#08

Sample Number	Collected Date	Time By	Received	Matrix Code	Matrix Type	Client Sample ID
N48028-1	09/09/03	16:00 MF	09/11/03	SO	Soil	SS-15/0-0.5
N48028-2	09/09/03	16:50 MF	09/11/03	SO	Soil	SS-15/1-2
N48028-3	09/09/03	14:15 MF	09/11/03	SO	Soil	SS-16/0-0.5
N48028-4	09/09/03	15:20 MF	09/11/03	SO	Soil	SS-16/4'-4'4"
N48028-5	09/09/03	12:04 MF	09/11/03	SO	Soil	SS-17/0-0.5
N48028-6	09/09/03	13:00 MF	09/11/03	SO	Soil	SS-18/0-0.5

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Accutest Laboratories

Report of Analysis

Client Sample ID:	SS-15/0-0.5		
Lab Sample ID:	N48028-1	**Date Sampled:**	09/09/03
Matrix:	SO - Soil	**Date Received:**	09/11/03
		Percent Solids:	69.4
Project:	ExxonMobil Buffalo Terminal, 623 Elk Street, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Lead, Tetraethyl as Pb	<7.2	7.2	mg/kg	1	09/25/03	KL	ASTM D3341-91 M
Solids, Percent	69.4		%	1	09/15/03	TC	ASTM 4643-00

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SS-15/1-2		
Lab Sample ID:	N48028-2	**Date Sampled:**	09/09/03
Matrix:	SO - Soil	**Date Received:**	09/11/03
		Percent Solids:	74.6
Project:	ExxonMobil Buffalo Terminal, 623 Elk Street, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Lead, Tetraethyl as Pb	<6.9	6.9	mg/kg	1	09/25/03	KL	ASTM D3341-91 M
Solids, Percent	74.6		%	1	09/15/03	TC	ASTM 4643-00

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SS-16/0-0.5		
Lab Sample ID:	N48028-3	**Date Sampled:**	09/09/03
Matrix:	SO - Soil	**Date Received:**	09/11/03
		Percent Solids:	76.0
Project:	ExxonMobil Buffalo Terminal, 623 Elk Street, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Lead, Tetraethyl as Pb	<6.5	6.5	mg/kg	1	09/25/03	KL	ASTM D3341-91 M
Solids, Percent	76		%	1	09/15/03	TC	ASTM 4643-00

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS-16/4'-4'4"		
Lab Sample ID:	N48028-4	**Date Sampled:**	09/09/03
Matrix:	SO - Soil	**Date Received:**	09/11/03
		Percent Solids:	72.0
Project:	ExxonMobil Buffalo Terminal, 623 Elk Street, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Lead, Tetraethyl as Pb	12.5	7.0	mg/kg	1	09/25/03	KL	ASTM D3341-91 M
Solids, Percent	72		%	1	09/15/03	TC	EPA 160.3 M

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS-17/0-0.5		
Lab Sample ID:	N48028-5	**Date Sampled:**	09/09/03
Matrix:	SO - Soil	**Date Received:**	09/11/03
		Percent Solids:	80.3
Project:	ExxonMobil Buffalo Terminal, 623 Elk Street, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Lead, Tetraethyl as Pb	<6.0	6.0	mg/kg	1	09/25/03	KL	ASTM D3341-91 M
Solids, Percent	80.3		%	1	09/15/03	TC	EPA 160.3 M

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SS-18/0-0.5		
Lab Sample ID:	N48028-6	**Date Sampled:**	09/09/03
Matrix:	SO - Soil	**Date Received:**	09/11/03
		Percent Solids:	82.4
Project:	ExxonMobil Buffalo Terminal, 623 Elk Street, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Lead, Tetraethyl as Pb	<6.1	6.1	mg/kg	1	09/25/03	KL	ASTM D3341-91 M
Solids, Percent	82.4		%	1	09/15/03	TC	ASTM 4643-00

RL = Reporting Limit